

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30				1. REQUISITION NUMBER F9WFX10083A001		PAGE 1 OF 449				
2. CONTRACT NO. W9133L-11-C-0002-P00006		3. AWARD/EFFECTIVE DATE 02-Sep-2010		4. ORDER NUMBER		5. SOLICITATION NUMBER		6. SOLICITATION ISSUE DATE		
7. FOR SOLICITATION INFORMATION CALL:			a. NAME			b. TELEPHONE NUMBER (No Collect Calls)		8. OFFER DUE DATE/LOCAL TIME		
9. ISSUED BY NGB-ZC-AQ - W9133L 1411 JEFFERSON DAVIS HWY ARLINGTON VA 22202-3231 TEL: FAX: 703-607-1742			CODE W9133L		10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED <input type="checkbox"/> SET ASIDE: % FOR <input type="checkbox"/> SB <input type="checkbox"/> HUBZONE SB <input type="checkbox"/> 8(A) <input type="checkbox"/> SVC-DISABLED VET-OWNED SB <input type="checkbox"/> EMERGING SB SIZE STD: NAICS:			11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700) 13b. RATING 14. METHOD OF SOLICITATION <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input type="checkbox"/> RFP		12. DISCOUNT TERMS Net 30 Days
15. DELIVER TO SEE SCHEDULE N/A N/A AA N/A			CODE SCHED1		16. ADMINISTERED BY SEE ITEM 9					
17a. CONTRACTOR/OFFEROR SKYWATCH RESEARCH, LLC (b) (6) 212 EGLIN PKWY SE FOR WALTON BEACH FL 32548-5897 TEL. 850-362-6551			CODE 5XWZ5		18a. PAYMENT WILL BE MADE BY DFAS - LIMESTONE - F67100 ATTN: VENDOR PAY PO BOX 369020 COLUMBUS OH 43236-9020			CODE F67100		
<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER			<input checked="" type="checkbox"/> 18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED <input checked="" type="checkbox"/> SEE ADDENDUM							
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES				21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT		
SEE SCHEDULE										
25. ACCOUNTING AND APPROPRIATION DATA See Schedule						26. TOTAL AWARD AMOUNT (For Govt. Use Only) \$2,529,141.25				
<input type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1. 52.212-4. FAR 52.212-3. 52.212-5 ARE ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED						<input type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED				
28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN <u>0</u> COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.					29. AWARD OF CONTRACT: REFERENCE <input type="checkbox"/> OFFER DATED . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:					
30a. SIGNATURE OF OFFEROR/CONTRACTOR				31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER) (b) (6)			31c. DATE SIGNED 02-Sep-2010			
30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)			30c. DATE SIGNED		31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT) (b) (6) / CONTRACTING OFFICER TEL: 703 607-1226 EMAIL: (b) (6)					

**SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS
(CONTINUED)**

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19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
<p>SEE SCHEDULE</p>					

32a. QUANTITY IN COLUMN 21 HAS BEEN
 RECEIVED INSPECTED ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
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32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE
	32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	37. CHECK NUMBER
--	--------------------	---------------------------------	--	------------------

38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY
------------------------	------------------------	-------------

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT	42a. RECEIVED BY (<i>Print</i>)	
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE	42b. RECEIVED AT (<i>Location</i>)
		42c. DATE REC'D (<i>YY/MM/DD</i>)

Section SF 30 - BLOCK 14 CONTINUATION PAGE

SOW

PERFORMANCE WORK STATEMENT

TAB A

ALPENA CRTC MICHIGAN

Contract No: W9133L-10-R-0022

01 October, 2010

ALPENA SECTION C

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SECTION C-1

GENERAL INFORMATION

1.1.1. The Alpena Base Weather Station (BWS) provides surface weather observing and staff weather support at the Alpena Combat Readiness Training Center (CRTC). Staff weather support does not include weather forecast services. Specific services are set forth in Section C-5.

1.2. Weather Observer Qualification Requirements:

1.2.1. Have at least 1-year experience with a Federal agency in the taking, recording, and dissemination of surface weather observations as their primary full-time job or are currently certified and working as a weather observer for a Federal agency as their primary full-time job. Full-time shall be construed as at least 30-hours per week.

1.3. HOURS OF OPERATION.

1.3.1. Normal Hours of Operation. The Contractor shall perform the services required under this contract during the following hours: 8 hours per day (0800-1600 Local Time), 5 days per week (Monday through Friday), exclusive of Federal Holidays

1.3.2. Contingency Support for Emergency or Special Event Services: On occasion, the Contractor will be required to perform weather services set forth in Section C-5 outside those normal hours of operation established in paragraph 1.3.1. The additional hours are to coincide with Air Traffic Control (ATC), airfield operating hours, and situations/events as described below. This may entail an increase in the normal hours of operation (i.e., 0600L-2000L versus 0800L-1600L) up to and including 24 hours per day. The Contractor shall provide these services when required by the Contracting Officer or his authorized representative, at the contract line item price for these contingency services. The Contracting Officer or his authorized representative will provide notification of 24 hour per day support to the Contractor no later than 1630L the day prior to such requirement. In the case of extended services of less than 24 hours per day, attempts from the Contracting Officer will be made to notify the Contractor of such requirement prior to 1630L the day prior. However, such services may be required with little or no notice. Situations and events requiring contingency support include, but are not limited to, exercises, surge requirements, disasters, accident and/or rescue operations, deployments, nighttime flying, and severe weather. Procedures for requesting Contracting Officer authorization to provide emergency or special event services are detailed in Section C-5.

1.3.2.1. The Contractor shall invoice for contingency services on a monthly basis commensurate with his normal monthly invoice for the basic weather services. Prior to submission of such invoice, the Contractor shall obtain certification of contingency support man-hours worked from the Contracting Officer or his authorized representative who authorized such services.

SECTION C-3

GOVERNMENT-FURNISHED PROPERTY AND SERVICES

3.2.1. **Telephone Service.** Government telephone service of Class "A" and DSN access shall be provided for Contractor use for conduct of official business.

3.2.2. **Installation Mail Service.** The official on-base mailing address for the Contractor is:

CRTC WEATHER
5884 A STREET
ALPENA MI 49707-8125

3.2.3. **Security Police and Fire Protection.** Security police and fire protection is available by calling 911.

3.2.4. **Emergency Medical Service.** Emergency medical care is available by calling 911.

SECTION C-4**CONTRACTOR-FURNISHED ITEMS AND SERVICES**

4.1. **Contract Transition Materials Inventory.** Upon termination of the contract, the Contractor shall provide a 30-day stock level of materials and supplies needed to operate Government-furnished equipment. Although not all inclusive, the following items are normally used in weather station operations:

<u>MATERIAL</u>	<u>MONTHLY EQUIPMENT/ITEM USED WITH</u>	<u>USAGE</u>
Computer Paper	ASOS Printer	1/4 box
Printer Ribbons	ASOS Printer	1 each

SECTION C-5

SPECIFIC TASKS

5. GENERAL. The Alpena Base Weather Station (BWS) provides weather support services of surface observing and staff weather support to units located on base. Such service includes but is not limited to solar data, climatological information and as identified in paragraph 1.3.2. of Section C-1. Staff weather support does not include flight weather briefings or forecast services. The weather observing facility is located in the Base Operations building.

5.1. Meteorological Services. Through a continuous weather watch, the Contractor shall provide accurate surface weather observations by augmentation and backup to the Automated Surface Observing System (ASOS) during weather station operational hours. The Contractor shall ensure the ASOS observation is accurate and representative of existing conditions by editing the appropriate weather elements prior to dissemination. The Contractor will be familiar with ASOS operations such as editing individual weather elements, generating specials via hot keys, answering the ASOS phone, being able to turn report processing sensors on and off, and being able to archive observations. In the event of sensor failure or a sensor is determined to be unrepresentative, the Contractor shall perform manual backup of the effected ASOS sensor. Manual observations shall be performed in the event of a complete ASOS system failure. The back-up of sensors and/or Manual observations will also be performed during periods of maintenance, as warranted.

5.1.1. Surface Weather Observations. All surface weather observations required during each hour shall be taken, recorded, encoded, and disseminated error-free using the codes and procedures prescribed in FAA Order 7900.5B Service Standards, Level C. Any corrections shall be disseminated within 20-minutes of the original transmission time. If the next observation is transmitted within the 20-minute period and it corrects the incorrect element, the original observation will be considered error-free.

5.1.1.1. Local Dissemination. Accurate and timely surface weather observations shall be disseminated locally via ASOS link to the IDS5 to the Air Traffic Control Tower and Radar Approach Control (RAPCON) as required by the local Letter of Agreement. In the event of an ASOS/IDS5 outage, the weather information shall be disseminated by hotline or telephone to these agencies and documented on a Local/Long-line Dissemination Log. (TE 4, CDRL 05)

5.1.1.2. Long-line Dissemination. Accurate and timely surface weather observations shall be disseminated long-line via the ASOS using the content and format required by FAA Order 7900.5B. During ASOS communication outages the Contractor shall relay the observation to the FAA Automated Flight Service Station (AFSS) for long-line transmission and document same on the Local/Long-line Dissemination Log. (TE 4, CDRL 04)

5.1.1.3. Surface Weather Observing Records. The Contractor shall record accurate and legible surface weather observations on NWS Form MF1M-10C as prescribed in FAA Order 7900.5B. The data recorded on MF1M-10C serves as the source to determine local and long-line dissemination accuracy. A duplicate copy of each MF1M-10C used to record surface weather observations shall be maintained in the weather station for the period specified in AFMAN 37-139. (TE 4, CDRL 02)

5.1.2. ASOS Outage Reports. The Contractor shall monitor ASOS meteorological and communications equipment operational status and report all outages to the AOMC (1-800-242-8194). All ASOS meteorological and communications equipment outages will be documented on an ASOS Outage Log. (TE 4, CDRL 03)

5.1.3. Computer Messages. The Contractor shall monitor and respond to any messages received over the ASOS.

5.1.4. DOD Flight Information Publications (FLIP). The Contractor shall review each applicable FLIP and FAA Order to determine changes in local and special observing criteria.

5.1.5. Emergency or Special Event Support. The Contractor shall perform those tasks listed within this section appropriate to the support requested and as described in paragraph 1.3.2. of Section C-1. For example, increased operational flying requirements or Alert Force activation might entail 24-hour surface weather observation support. The Contractor shall request, in writing, clarification from the Contracting Officer whenever he/she has a question as to the specific tasks to be performed in support of emergencies or special events. Emergency or special event support requests will be processed as in 5.1.5.1.

5.1.5.1. Processing of Emergency or Special Event Support Requests. Requests for weather support outside the normal hours of operation specified in paragraph 1.3.2., Section C-1, will originate from a customer. Whenever possible, such requests should be submitted to, and approved, by the Contracting Officer in advance. If advance approval is not practical, the Contractor is still required to respond within 1 hour of notification and provide the appropriate support services. Requests can be classified as Routine, Very Short Notice, or No Notice. Reproducible copies of the "Request for Contingency Support" and "Certification of Contingency Hours Worked" forms will be provided to the Contractor and the Pre-performance Conference.

5.1.5.1.1. Routine Requests. Those requests submitted to the BWS more than 2 workdays prior to the start of the support. The customer must complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. The BWS supervisor will review the request, complete the 1st endorsement and forward it to the QAE at least 2 workdays prior to the start date of the support. The QAE will evaluate the request, complete the 2nd endorsement, and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given no later than 1630L the day prior to the requirement. If approved, the next regular workday following the provision of the support, the

BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.5.1.2. Very Short Notice Requests. Situations may arise which allow only minimal time for coordination of a request. These requests will usually be 2 work days or less prior to the start of the support. As circumstances permit, the customer should complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. In those cases where circumstances do not allow for the customer to complete paragraph 1, the BWS supervisor will complete it (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and forward it to the QAE. The QAE will evaluate the request, complete the 2nd endorsement, and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given as soon as practical. If approved, the next regular workday following the provision of the support, the BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.5.1.3. No Notice Requests. A situation may arise, such as the threat of severe weather, which requires immediate support, but coordination with the Contracting Officer is not practical. The BWS supervisor will use their best judgment in providing any necessary support services. No later than the next regular work day following the support, the BWS supervisor will complete paragraph 1 (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and "Certification of Contingency Hours Worked" and forward it to the QAE. The QAE will complete the 2nd endorsement and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form.

5.1.5.1.4. Cancellations. In the event the requested support is canceled, the BWS supervisor shall complete "Certification of Contingency Hours Worked" certifying no hours were worked and an explanation why the support was canceled. This form shall be provided to the QAE no later than the next working day following the canceled support.

5.1.5.2. Billing. The Contractor shall invoice for approved emergency or special event support services on a monthly basis when the normal monthly invoice for basic weather services is submitted.

5.1.6. Operational Reporting. Aircraft mishaps and severe weather occurrences require additional notification beyond local and long-line dissemination. During normal duty hours the Contractor shall notify Base Operations and the QAE when either of these events occur. The Contractor shall provide the observation at the time of the event, the forecast (if known) to include any weather warnings and/or weather advisories, and the status of the meteorological equipment.

5.1.6.1. Aircraft Mishap Notification. Upon observation or notification of an aircraft mishap the Contractor shall take, record, and disseminate an aircraft mishap observation according to FAA Order 7900.5B requirements. The Contractor shall perform a 2-hour archive of the 5-minute observations on ASOS in accordance with established procedures.

5.1.6.2. Severe Weather. Upon occurrence of a tornado, winds 50 knots or greater (including gusts), or hail 3/4 inch or greater on the installation, the Contractor shall notify the NWS in Gaylord, MI. The contractor shall prepare the Severe Weather Occurrence Worksheet and forward it to Base Operations. If the severe weather event occurs during contractor non-duty hours, the Contractor shall provide the information to Base Operations during the first normal duty hour the next duty day.

5.1.6.3 Observed Weather Advisories (OWA) and Observed Weather Warnings (OWW). The Contractor shall issue OWA's for lightning within 10nm and OWW's for lightning within 5nm of Alpena CRTC and cancel same when no longer within the respective distance. Procedures and techniques to issue observed lightning advisories and warnings for the Alpena CRTC will be developed from applicable AFMAN 15-129, AFOSH 91-66 and 91-100, FAA, and NWS procedures and requirements. The Contractor will use AF form 3807 for OWW's and AF form 3806 for OWA's.

OWA's and OWW's will be disseminated to Base Operations directly or by phone. Central Security will be notified by phone. Initials on a documented form will verify receipt. Central Security will implement the established Force Protection notification process for weather advisories, watches and warnings. Deviations from standard criteria listed in Chapter 3, AFMAN 15-129, will be documented in a MOA between the respective OWS (Operational Weather Squadron), Contractor, and QAE. (TE 4, CDRL 06, 07)

5.1.6.4 Barometer Comparisons. Comparisons will be completed quarterly between the ASOS and the backup Kestrel on a locally generated form. The Aneroid Barometer (Altimeter Setting Indicator – ASI) will be compared with the ASOS pressure reading once daily during station operating hours and recorded in the remarks section of the NWS MF1M-10C.

5.2. WEATHER SUPPORT COORDINATION. The weather support documents (letters of agreement) identify specific customer requirements. The Contractor shall use the weather support documents and applicable Government directives in the performance of this contract. At least annually the QAE will coordinate the weather support documents with the customer and Contractor.

SECTION C-6

Applicable Publications and Forms

6.1. The Contractor shall establish a publication distribution account and requirements for one copy of the AFEPL with the Alpena PDO. Supplements to the listed publications are required for the unit/customers supported.

6.1.1. The PDO will provide the Contractor with the required publications and forms or one copy of the AFEPL.

6.1.2. FAA publications will be obtained through Base Operations.

6.2. The current edition of the publications listed below shall be used unless as specified in paragraph 6 of the basic PWS.

<u>PUBLICATION</u>	<u>TITLE</u>	<u>MANDATORY ADVISORY</u>
FAA Order 7900.5B	Surface Weather Observations	M
AFMAN 15-124	Meteorological Codes	A
AFI 64-106	Air Force Industrial Labor Relations Activities	M
DODD 5500-7	Standards of Conduct	M
FAA 7340.1	FAA Contractions	M
	ASOS User's Manual	M
	ASOS Ready Reference Guide	M
	Letter of Agreement	M
AFMAN 15-129	Air and Space Weather Operations-Processes and Procedures	A

AFMAN 15-111

Surface Weather Observations

A

DEPARTMENTAL FORMS

<u>FORMS</u>	<u>TITLE</u>	<u>MANDATORY ADVISORY</u>
NWS Form MF1M-10C	Surface Weather Observations	M
APN FORM 1	Local Dissemination Log/Record	M
	Communications/Equipment Service Record	M
APN FORM 2	ASOS Outages	M
AF IMT 3806	Weather Watch Advisory Log	M
AF IMT 3807	Watch/Warning Notification and Verification	M

TECHNICAL
EXHIBIT

<u>TITLE</u>	<u>PAGE</u>
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2 Workload Estimates	TE 2-1
3 Maps and Work Area Layouts	TE 3-1
4 Required Reports	TE 4-1
Contract Data Requirements Listing	TE 4-2-1
Data Item Description	TE 4-3-1
5a Government-Furnished Facilities	TE 5a-1
5b Government-Furnished Equipment	TE 5b-1
6 Quality Standards	TE 6-1

TECHNICAL EXHIBIT 1

PERFORMANCE REQUIREMENTS SUMMARY

1. PERFORMANCE REQUIREMENTS SUMMARY (PRS). The attached PRS chart lists the PWS requirements that the Government will survey.

REQUIRED SERVICE	STANDARD	PERFORMANCE REQUIREMENT	METHOD OF SURVEILLANCE	MAXIMUM PAYMENT PERCENTAGE
RS 1; Take, record, encode, and disseminate accurate surface weather observations. Para C-5.1.1	During each hour, all required surface weather observations are taken, recorded, and encoded on MF1M-10C error-free. All observations are disseminated locally and longline error-free. All entries on MF1M-10C are legible and in chronological order.	PR: 2 defects. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	40%
RS 2; Disseminate timely surface weather observations. Para C-5.1.1	During each hour, surface weather observations must be disseminated locally and longline. Hourly observations at H+53; specials and locals within 5 minutes of occurrence.	PR: 2 defects. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	25%
RS 3; Report and document equipment and circuit outages. Para C-5.1.2	All equipment and circuit outages are reported to the appropriate agency within 20 minutes of occurrence and are documented on an outage log.	PR: 1 defect. LOT SIZE: All outages for the month.	100 Percent Checklist	5%
RS 4; Submit Contract Data Requirements. Tech Exhibit 4	All Contract Data Requirements are received not later than the time frames set forth in Technical Exhibit 4.	PR: 0 defects. LOT SIZE: All contract data requirements for the month.	100 Percent Checklist	15%
RS 5; Facility Operation Tasks.	Perform the following tasks:	PR: 1 defect. LOT SIZE: Number of times the tasks were required each quarter.	100 Percent Checklist (Annually)	10%
Para C-1.2.2.13 (Basic PWS)	Training Record Documentation: Training record on file for each employee. Training checklist and qualification documentation included in each record.			
Para C-1.2.4, C-6 (Basic PWS)	Publications/Forms Management: Mandatory publications/forms on hand (paper or electronic version).			
Para C-1.3.2 (Basic PWS)	Quality Control Inspections: Inspections performed and defects documented. A supervisor's summary of corrective actions included with the inspections.			
Para C-5.1.1.3	Surface weather observation records: A copy of all surface weather observation records (MF1M-10C) shall be maintained in the weather station.			
Para C-5.1.4	Special and Local Weather Observation Criteria: FLIPs and Air Force /FAA directives reviewed for			

	landing and takeoff weather criteria to ensure special and local observation criteria are current.			
Para C-5.1.6.3	Advisory/Warning Observed Lightning	PR: 0 defects LOT SIZE: All	100 Percent Ckecklist	5%

TECHNICAL EXHIBIT 2
WORKLOAD ESTIMATES

<u>SERVICE</u>	<u>QUANTITY PER MONTH</u>
Take, record, encode, and transmit accurate surface weather observations (METAR, SPECI, and local)	275
Document and report equipment/circuit outages	3
Barometer Comparison	Semi-annually

TECHNICAL EXHIBIT 3

MAPS AND WORK AREA LAYOUT

The weather station is located on the second floor of the Base Operations Building. Weather station location shall provide the most optimum view of the AERODOME for observational and flight safety purposes.

TECHNICAL EXHIBIT 4

REQUIRED REPORTS

The contractor shall submit all required reports as indicated on the attached Contract Data Requirements List. Information concerning each report's preparation and format is contained in the respective Data Item Description.

Data Item Number: 01

Title of Data Item: Contractor Quality Control Plan

Subtitle: QC Plan

Authority (DID Number): DID 01

Contract Reference: PWS Para 1.3

Requiring Office: ANG/A3OS

Frequency: Initially and as changes occur.

As of Date: At Pre-performance conference, then as of revision submission.

Date of First Submission: At Pre-performance conference

Date of Subsequent Submission: Final version by contract start date, then when changes occur.

Distribution: NGB-AQC-S: 1 regular copy; QAE: 1 repro copy

Remarks: None

Data Item Number: 02

Title of Data Item: Surface Observation Record

Subtitle: NWS Form MF1M-10C

Authority (DID Number): DID 02

Contract Reference: PWS Para 5.1.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy and 1 repro copy

Remarks: None

Data Item Number: 03

Title of Data Item: Equipment/Circuit Service Record

Subtitle: Outage Log

Authority (DID Number): DID 03

Contract Reference: PWS Para 5.1.2

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 04

Title of Data Item: Longline (ASOS) Dissemination Record

Subtitle: None

Authority (DID Number): DID 04

Contract Reference: PWS Para 5.1.1.2

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 05

Title of Data Item: Local Dissemination Log

Subtitle: None

Authority (DID Number): DID 05

Contract Reference: PWS Para 5.1.1.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 06

Title of Data Item: Weather Watch Advisory Log

Subtitle: AF IMT 3806

Authority (DID Number): DID 05

Contract Reference: PWS Para 5.1.6.3

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: xx Nov 2011

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 07

Title of Data Item: Weather Watch Advisory Log

Subtitle: AF IMT 3807

Authority (DID Number): DID 05

Contract Reference: PWS Para 5.1.6.3

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: xx Nov 2011

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

1. Title: Contractor Quality Control Plan (DID 01)

2. Description/Purpose: This document outlines the contractor's quality control requirements and procedures required by this contract. The plan contains the specific details of how the contractor performs quality control to ensure the standards for products and services under this contract are met. The QAE periodically reviews the contractor's quality control plan documentation to determine compliance and implementation and to assess the effectiveness of quality control policies and procedures.

3. Preparation Instructions:

3.1. The contractor shall provide a quality control plan to the contracting officer as prescribed in Section C-1, paragraph 1.3 and whenever changes occur.

4. Distribution: Not Applicable

1. Title: Surface Observation Records (NWS Form MF1M-10C) (DID 02)
2. Description/Purpose: Used to record the weather observation for the station. Observation types include METAR (SA), SPECI (SP), and Local (L). The NWS Form MF1M-10C is the official source document for weather conditions at the station. Data recorded on the form is used for climatological studies and aircraft accident investigations.
3. Preparation Instructions:
 - 3.1. The Contractor shall chronologically record surface weather observations on the NWS Form MF1M-10C. The Contractor shall follow the procedures detailed in FAA Order 7900.5b for recording and encoding. All MF1M-10C entries must be legible on both the original and the reproduced copy.
 - 3.2. Should the ASOS not allow entry of an element in the appropriate field as required by FAA 7900.5.B, the Contractor shall place the element in the Remarks Section (Column 14) on the NWS Form MF1M-10C. The order of elements recorded on the NWS Form shall agree with the ASOS dissemination record.
 - 3.3. The Contractor shall use the ASOS Daily Summary data to record Summary of the Day information (temperature, wind, and precipitation) in columns 57-61 on NWS Form MF1M-10C. Some ASOS Daily Summary data (temperatures, wind speed, and time of wind speed) must be converted before entered on NWS Form MF1M-10C. The Government no later than the start of the contract shall provide a conversion chart for Celsius to Fahrenheit temperatures and Knots to Miles Per Hour wind speeds.
 - 3.4. The original NWS Form MF1M-10C of each observing record for the first through the last day of the month is forwarded to the QAE.
4. Distribution: Not Applicable

1. Title: Weather Equipment/Communications Outage Record (DID 03)
2. Description/Purpose: Used to depict a chronology of equipment and circuit problems and to document actions taken to resolve these outages.
3. Preparation Instructions:
 - 3.1. The contractor documents and reports weather equipment, communications equipment, and circuit outages as required by PWS paragraph 5.6.6.
 - 3.2. The Weather Equipment/Communications Outage Record shall include, as a minimum, the following information:
 - Circuit identification or equipment type
 - DATE/TIME (Z) of the outage (All outages recorded chronologically)
 - DATE/TIME (Z) maintenance was notified
 - Job Control or Work Order Number if assigned
 - Initials of maintenance person receiving the outage report
 - DATE/TIME (Z) when circuit was restored or equipment was repaired
 - Remarks (Fully explains the outage, projected restoral date, corrective actions, and/or FOLLOW-UP status)
 - Initials of person recording the entries
 - 3.3. Document FOLLOW-UP status checks on a separate line. Use the term FOLLOW-UP to indicate the status check, refer to the original job control/work order number, include time of status check, and document in remarks any changes concerning restoral.
 - 3.4. Make daily FOLLOW-UP contacts on outage lasting 24 hours or longer. Daily FOLLOW-UP calls are not required if the maintainer provides a projected restoral date. If the outage is not corrected by the projected date, FOLLOW-UP calls are required daily unless the maintainer establishes a new projected restoral date.
4. Distribution: Not Applicable

1. Title: Long-line (ASOS) Dissemination Records (DID 04)
2. Description/Purpose: A printed copy of weather data transmitted longline via electrical means such as the Automated Surface Observing System. The printout is used to confirm dissemination and to quality control the accuracy of products.
3. Preparation Instructions:
 - 3.1. The contractor shall encode and transmit weather data on ASOS as required by FAA Order 7900.5B.
 - 3.2. The Contractor will use the ASOS to print a copy of all observations that were disseminated during each calendar day (midnight local time to midnight local time). This printout shall include all ASOS observations for the day in chronological order, both augmented and unaugmented. A copy of each day's printout shall be forwarded to the QAE.
 - 3.3. The Contractor shall also have the ASOS print out a Daily Summary that includes maximum/minimum temperatures, maximum wind speed with direction and time, and precipitation totals. Information from the Daily Summary shall be used for Summary of the Day data on FAA Form MF1M-10C (See DID 02). The printout of the Daily Summary shall be attached to the corresponding daily printout of observations.
 - 3.4. The Contractor shall ensure all printed data is legible.
4. Distribution: Not Applicable

1. Title: Local Dissemination Log (DID 05)

2. Description/Purpose: The Local Dissemination Log/Record is used to document voice dissemination of weather information.

3. Preparation Instructions:

3.1. When the contractor must disseminate weather information locally by voice, a record of these disseminations is documented on a Dissemination Log. The Dissemination Log shall contain the following information as a minimum:

- Product Type: Enter acronym for type of product being disseminated, e.g., SA, RS, L, WW, etc.
- Time (Z): Enter time ascribed to the product.
- Initials: Enter initials of person making the dissemination.
- Agency: Enter acronym for the agency the product is disseminated to. The number of Agency columns should be sufficient for all agencies normally requiring dissemination.
- Time (Z): Enter the time the product was disseminated to the agency.
- Initials: Enter initials of person receiving the product.
- Remarks: Enter remarks to explain any delays or non-deliveries, or other pertinent information.

3.2. Each page of the Local Dissemination Log shall have the Day/Month/Year the products were disseminated.

4. Distribution: Not Applicable

1. Title: Weather Watch Advisory Log (AF Form 3806) (DID 06)
2. Description/Purpose: The AF Form 3806 records the text and valid period of weather advisories for a specific area. It also documents dissemination of warning and watch information to requiring agencies.
3. Preparation Instructions:
 - 3.1. The contractor shall prepare, disseminate, and document issuance, correction, and cancellation of observed weather advisories for lightning in conformance with AFMAN 15-129 and as established in the local SOP. All actions (issuance, correction, or cancellation) shall be documented in the Dissemination Section of the AF Form 3806. The pertinent action along with the time (z) and observer's initials shall be recorded in this section, e.g. ISSUED 1750Z/JG, COR 2208Z/ST, or CANX 1743Z/KC.
 - 3.2. Each advisory shall clearly indicate the advisory number, areal coverage, and text.
4. Distribution: Not Applicable

1. Title: Weather Watch/Warning Notification and Verification (AF Form 3807) (DID 07)
2. Description/Purpose: The AF Form 3807 records the text and valid period of weather warnings for a specific area. It also documents dissemination of warning information to requiring agencies.
3. Preparation Instructions:
 - 3.1. The contractor shall prepare, disseminate, and document issuance, correction, and cancellation of observed weather advisories and warnings for lightning in conformance with AFMAN 15-129 and as established in the local SOP. All actions (issuance, correction, or cancellation) shall be documented in the Dissemination Section of the AF Form 3807. The pertinent action along with the time (z) and observer's initials shall be recorded in this section, e.g. ISSUED 1750Z/JG, COR 2208Z/ST, or CANX 1743Z/KC.
 - 3.2. Each warning shall clearly indicate the warning number, areal coverage, and text.
4. Distribution: Not Applicable

TECHNICAL EXHIBIT 5a

GOVERNMENT-FURNISHED FACILITIES

The Contractor shall perform weather observing duties from the Base Operations building at the CRTC. The Contractor will be provided an area of approximately 150 sq ft located in Base Operations which will be used for the observer and for the contract management office space.

TECHNICAL EXHIBIT 5b

GOVERNMENT FURNISHED EQUIPMENT

1. The National Weather Service maintains the following Government-furnished equipment:

Automated Surface Observing System (ASOS)

Aneroid Barometer (serial # 1211)

Kestrel (NK0840-426482)

Wet Bulb Temperature Kits (6665-01-381-3023) and Tripod (SACAR TR-2L).

8 inch ML-17 Rain Gauge

Thermometer

Sling Psychrometer

2 Psychrometric Calculators

Pressure Reduction Computer

2. The following is a list of the Government-furnished office furniture/equipment:

One desk

Two chairs

Section SF 1449 - CONTINUATION SHEET

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	WEATHER OBSERVING FFP Non-Personal Services to provide Weather Observing for Pease ANG NH, in accordance with the Performance Statement of Work dated 01 OCT 2010. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A	12	Months	\$36,030.56	\$432,366.72
NET AMT					\$432,366.72
ACRN AA CIN: F9WFX10083A0010001					\$432,366.72

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	WEATHER OBSERVING FFP Non-Personal Services to provide Weather Observing for Kingsley Field OR, in accordance with the Performance Statement of Work dated 01 OCT 2010. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A	12	Months	\$17,940.22	\$215,282.64
NET AMT					\$215,282.64
ACRN AA CIN: F9WFX10083A0010002					\$215,282.64

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003		12	Months	\$6,485.90	\$77,830.80

WEATHER OBSERVING

FFP

Non-Personal Services to provide Weather Observing for Alpena CRTC MI, in accordance with the Performance Statement of Work dated 01 OCT 2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT	\$77,830.80
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ACRN AA

CIN: F09WFX10083A0010003

\$77,830.80

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004		12	Months	\$21,053.93	\$252,647.16

WEATHER OBSERVING/FORECASTING

FFP

Non-Personal Services to provide Weather Observing/Forecasting for Los Alamitos AAF CA, in accordance with the Performance Statement of Work dated 01 OCT 2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT	\$252,647.16
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ACRN AA

CIN: F9WFX10083A0010004

\$252,647.16

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005		12	Months	\$51,295.73	\$615,548.76

WEATHER OBSERVING/FORECASTING
FFP

Non-Personal Services to provide Weather Observing/Forecasting for Buckley AFB, CO in accordance with the Performance Statement of Work dated 01 OCT 2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT	\$615,548.76
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ACRN AA	\$615,548.76
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CIN: F9WFX10083A0010005

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0006		12	Months	\$37,076.29	\$444,915.48

WEATHER OBSERVING/FORECASTING
FFP

Non-Personal Services to provide Weather Observing/Forecasting for Selfridge ANG MI, in accordance with the Performance Statement of Work dated 01 OCT 2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT	\$444,915.48
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ACRN AA	\$444,915.48
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CIN: F9WFX10083A0010006

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0007		120	Hours	\$83.61	\$10,033.20

CONTINGENCY SUPPORT HOURS

FFP

Contractor shall provide Contingency Support Hours for Buckley CO, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$10,033.20

ACRN AA

CIN: F9WFX10083A001

\$10,033.20

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0008		130	Hours	\$73.71	\$9,582.30

CONTINGENCY SUPPORT HOURS

FFP

Contractor shall provide Contingency Support Hours for Selfridge ANG MI, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$9,582.30

ACRN AA

CIN: F9WFX10083A0010008

\$9,582.30

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0009		968.47	Hours	\$70.14	\$67,928.49

CONTINGENCY SUPPORT HOURS

FFP

Contractor shall provide Contingency Support Hours for Alpena CRTC, MI, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$67,928.49

ACRN AA

CIN: F9WFX10083A0010009

\$67,928.49

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0010		120	Hours	\$47.68	\$5,721.60

CONTINGENCY SUPPORT HOURS

FFP

Contractor shall provide Contingency Support Hours for Kingsley Field OR, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$5,721.60

ACRN AA

CIN: F9WFX100830010010

\$5,721.60

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0011		120	Hours	\$84.60	\$10,152.00

CONTINGENCY SUPPORT HOURS

FFP

Contractor shall provide Contingency Support Hours for Los Alamitos, AAF CA, in accordance with the Performance Work Statement dated 01 Oct 2010.

Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT	\$10,152.00
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ACRN AA	\$10,152.00
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CIN: F9WFX10083A0010011

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0012		1	Lot	\$30,000.00	\$30,000.00

TRAINING SUPPORT

FFP

Training support for ANG sites.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT	\$30,000.00
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ACRN AA	\$30,000.00
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CIN: F9WFX10083A0010012

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0013		1	Lot	\$0.00	\$0.00

CONTRACT DATA
FFP

Contractor shall provide Contract Data Requirements List (CDRLS in accordance with the Performance Work Statement dated 1 Oct 2010 for CLINS 001-006

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT \$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1001		2	Months	\$37,132.44	\$74,264.88

EXERCISED
OPTION

WEATHER OBSERVING
FFP

Non-Personal Services to provide Weather Observing for Pease ANG NH, in accordance with the Performance Statement of Work dated 01 OCT 2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT \$74,264.88

ACRN AB

CIN: F9WFX11220A0010001

\$74,264.88

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1002		2	Months	\$18,496.87	\$36,993.74
EXERCISED OPTION	WEATHER OBSERVING FFP				
	Non-Personal Services to provide Weather Observing for Kingsley Field OR in accordance with the Performance Statement of Work dated 01 OCT 2010. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				
				NET AMT	\$36,993.74
	ACRN AB				\$36,993.74
	CIN: F9WFX11220A0010002				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1003		2	Months	\$6,689.73	\$13,379.46
EXERCISED OPTION	WEATHER OBSERVING FFP				
	Non-Personal Services to provide Weather Observing for Alpena CRTC MI, in accordance with the Performance Statement of Work dated 01 OCT 2010. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				
				NET AMT	\$13,379.46
	ACRN AB				\$13,379.46
	CIN: F9WFX11220A0010003				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1004		2	Months	\$21,741.94	\$43,483.88
EXERCISED OPTION	WEATHER OBSERVING/FORECASTING FFP Non-Personal Services to provide Weather Observing/Forecasting for Los Alamitos AAF CA, in accordance with the Performance Statement of Work dated 01 OCT 2010. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				
					NET AMT
					\$43,483.88
ACRN AB CIN: F9WFX11220A00010004					\$43,483.88

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1005		2	Months	\$53,081.75	\$106,163.50
EXERCISED OPTION	WEATHER OBSERVING/FORECASTING FFP Non-Personal Services to provide Weather Observing/Forecasting for Buckley AFB, Co, in accordance with the Performance Statement of Work dated 01 OCT 2010. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				
					NET AMT
					\$106,163.50
ACRN AB CIN: F9WFX11220A0010005					\$106,163.50

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1006		2	Months	\$38,339.37	\$76,678.74
EXERCISED OPTION	WEATHER OBSERVING/FORECASTING FFP Non-Personal Services to provide Weather Observing/Forecasting for Selfridge ANG, MI, in accordance with the Performance Statement of Work dated 01 OCT 2010. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				
					NET AMT
					\$76,678.74
ACRN AB CIN: F9WFX11220A0010006					\$76,678.74

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1007		5	Hours	\$86.96	\$434.80
EXERCISED OPTION	CONTINGENCY SUPPORT HOURS FFP Contractor shall provide Contingency Support Hours for Buckley CO, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				
					NET AMT
					\$434.80
ACRN AB CIN: F9WFX11220A0010007					\$434.80

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1008		20	Hours	\$76.67	\$1,533.40
EXERCISED OPTION	CONTINGENCY SUPPORT HOURS FFP				
	Contractor shall provide Contingency Support Hours for Selfridge ANG MI, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				
				NET AMT	\$1,533.40
	ACRN AB				\$1,533.40
	CIN: F9WFX11220A0010008				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1009		25	Hours	\$72.96	\$1,824.00
EXERCISED OPTION	CONTINGENCY SUPPORT HOURS FFP				
	Contractor shall provide Contingency Support Hours for Alpena CRTC,MI, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				
				NET AMT	\$1,824.00
	ACRN AB				\$1,824.00
	CIN: F9WFX11220A0010009				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1010		10	Hours	\$49.58	\$495.80

EXERCISED OPTION CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Kingsley Field, OR, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT	\$495.80
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ACRN AB	\$495.80
CIN: F9WFX11220A0010010	

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1011		10	Hours	\$87.99	\$879.90

EXERCISED OPTION CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Los Alamitos, AAF, CA, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT	\$879.90
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ACRN AB	\$879.90
CIN: F9WFX11220A0010011	

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1012		1	Lot	\$1,000.00	\$1,000.00
EXERCISED OPTION	TRAINING SUPPORT FFP TRAINING SUPPORT FOR ANG SITES FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				

NET AMT \$1,000.00

ACRN AB \$1,000.00
 CIN: F9WFX11220A0010012

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1013		1	Lot	\$0.00	\$0.00
EXERCISED OPTION	CONTRACT DATA REQUIREMENT FFP Contractor shall provide Contract Data Requirements List (CDRLS in accordance with the Performance Work Statement dated 1Oct 2010 for CLINS 001-006 FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				

NET AMT \$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2001		12	Months	\$35,704.64	\$428,455.68

OPTION

WEATHER OBSERVING
FFPNon-Personal Services to provide Weather Observing for Pease ANG NH, in
accordance with the Performance Statement of Work dated 01 OCT 2010

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$428,455.68

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2002		12	Months	\$16,683.74	\$200,204.88

OPTION

WEATHER OBSERVING
FFPNon-Personal Services to provide Weather Observing for Kingsley Field OR, in
accordance with the Performance Statement of Work dated 01 OCT 2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$200,204.88

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2003		12	Months	\$7,170.69	\$86,048.28

OPTION

WEATHER OBSERVING
FFP

Non-Personal Services to provide Weather Observing for Alpena CRTC MI, in accordance with the Performance Statement of Work dated 01 OCT 2010

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$86,048.28

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2004		12	Months	\$17,303.07	\$207,636.84

OPTION

WEATHER OBSERVING/FORECASTING
FFP

Non-Personal Services to provide Weather Observing/Forecasting for Los Alamitos AAF CA, in accordance with the Performance Statement of Work dated 01 OCT 2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$207,636.84

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2005		12	Months	\$37,737.84	\$452,854.08
OPTION	WEATHER OBSERVING/FORECASTING FFP Non-Personal Services to provide Weather Observing/Forecasting for Buckley AFB, CO in accordance with the Performance Statement of Work dated 01 OCT 2010. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				
NET AMT					\$452,854.08

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2006		12	Months	\$30,424.42	\$365,093.04
OPTION	WEATHER OBSERVING/FORECASTING FFP Non-Personal Services to provide Weather Observing/Forecasting for Selfridge ANG MI, in accordance with the Performance Statement of Work dated 01 OCT 2010. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				
NET AMT					\$365,093.04

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2007		120	Hours	\$59.07	\$7,088.40

OPTION

CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Buckley CO, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$7,088.40

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2008		100	Hours	\$59.43	\$5,943.00

OPTION

CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Selfridge ANG MI, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$5,943.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2009		1,000	Hours	\$59.81	\$59,810.00

OPTION

CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Alpena CRTC, MI, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$59,810.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2010		120	Hours	\$47.68	\$5,721.60

OPTION

CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Kingsley Field OR , in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$5,721.60

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2011		120	Hours	\$68.36	\$8,203.20

OPTION

CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Los Alamitos, AAF, CA, in accordance with the Performance Work Statement dated 01 Oct 2010.

Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$8,203.20

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2012		1	Lot	\$3,000.00	\$3,000.00

OPTION

TRAINING SUPPORT
FFP

Training Support for ANG sites.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$3,000.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2013		1	Lot	\$0.00	\$0.00

OPTION

CONTRACT DATA REQUIREMENTS

FFP

Contractor shall provide Contract Data Requirements List (CDRLS in accordance with the Performance Work Statement dated 1 Oct 2010 for CLINS 001-006

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3001		12	Months	\$35,704.64	\$428,455.68

OPTION

WEATHER OBSERVING

FFP

Non-Personal Services to provide Weather Observing for Pease ANG NH, in accordance with the Performance Statement of Work dated 01 OCT 2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$428,455.68

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3002		12	Months	\$16,683.74	\$200,204.88
OPTION	WEATHER OBSERVING FFP Non-Personal Services to provide Weather Observing for Kingsley Field OR, in accordance with the Performance Statement of Work dated 01 OCT 2010. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				
NET AMT					\$200,204.88

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3003		12	Months	\$7,170.09	\$86,041.08
OPTION	WEATHER OBSERVING FFP Non-Personal Services to provide Weather Observing for Alpena CRTC MI, in accordance with the Performance Statement of Work dated 01 OCT 2010. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				
NET AMT					\$86,041.08

See Exhibit A

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3004		12	Months	\$17,303.07	\$207,636.84

OPTION

WEATHER OBSERVING/FORECASTING
FFP

Non-Personal Services to provide Weather Observing/Forecasting for Los Alamitos AAF CA, in accordance with the Performance Statement of Work dated 01 OCT 2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$207,636.84

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3005		12	Months	\$37,737.84	\$452,854.08

OPTION

WEATHER OBSERVING/FORECASTING
FFP

Non-Personal Services to provide Weather Observing/Forecasting for Buckley AFB, CO in accordance with the Performance Statement of Work dated 01 OCT 2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$452,854.08

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3006		12	Months	\$30,424.42	\$365,093.04

OPTION

WEATHER OBSERVING/FORECASTING
FFPNon-Personal Services to provide Weather Observing/Forecasting for Selfridge
ANG MI, in accordance with the Performance Statement of Work dated 01 OCT
2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$365,093.04

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3007		120	Hours	\$59.07	\$7,088.40

OPTION

CONTINGENCY SUPPORT HOURS
FFPContractor shall provide Contingency Support Hours for Buckley CO, in
accordance with the Performance Work Statement dated 01 Oct 2010. Contractor
shall perform the forecasting tasks set forth in Section C-5 outside the normal hours
of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$7,088.40

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3008		100	Hours	\$59.43	\$5,943.00

OPTION

CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Selfridge ANG MI, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$5,943.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3009		1,000	Hours	\$59.81	\$59,810.00

OPTION

CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Alpena CRTC, MI, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$59,810.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3010		120	Hours	\$47.68	\$5,721.60

OPTION

CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Kingsley Field OR, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$5,721.60

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3011		120	Hours	\$68.36	\$8,203.20

OPTION

CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Los Alamitos, AAF CA, in accordance with the Performance Work Statement dated 01 Oct 2010.

Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$8,203.20

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3012		1	Lot	\$30,000.00	\$30,000.00
OPTION	TRAINING SUPPORT FFP Training Support for ANG sites. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				

NET AMT	\$30,000.00
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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3013		1	Lot	\$0.00	\$0.00
OPTION	CONTRACT DATA FFP Contractor shall provide Contract Data Requirements List (CDRLS in accordance with the Performance Work Statement dated 1Oct 2010 for CLINS 001-006 FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				

NET AMT	\$0.00
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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4001		12	Months	\$35,704.64	\$428,455.68

OPTION

WEATHER OBSERVING
FFPNon-Personal Services to provide Weather Observing for Pease ANG NH, in
accordance with the Performance Statement of Work dated 01 OCT 2010

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$428,455.68

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4002		12	Months	\$16,683.74	\$200,204.88

OPTION

WEATHER OBSERVING
FFPNon-Personal Services to provide Weather Observing for Kingsley Field OR, in
accordance with the Performance Statement of Work dated 01 OCT 2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$200,204.88

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4003		12	Months	\$7,170.69	\$86,048.28

OPTION

WEATHER OBSERVING
FFP

Non-Personal Services to provide Weather Observing for Alpena CRTC MI, in accordance with the Performance Statement of Work dated 01 OCT 2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$86,048.28

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4004		12	Months	\$17,303.07	\$207,636.84

OPTION

WEATHER OBSERVING FORECASTING
FFP

Non-Personal Services to provide Weather Observing/Forecasting for Los Alamitos AAF CA, in accordance with the Performance Statement of Work dated 01 OCT 2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$207,636.84

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4005		12	Months	\$37,737.84	\$452,854.08

OPTION

WEATHER OBSERVATION/FORECASTING
FFP

Non-Personal Services to provide Weather Observing/Forecasting for Buckley AFB, CO in accordance with the Performance Statement of Work dated 01 OCT 2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$452,854.08

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4006		12	Months	\$30,424.42	\$365,093.04

OPTION

WEATHER OBSERVING/FORECASTING
FFP

Non-Personal Services to provide Weather Observing/Forecasting for Selfridge ANG MI, in accordance with the Performance Statement of Work dated 01 OCT 2010.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$365,093.04

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4007		120	Hours	\$59.07	\$7,088.40

OPTION

CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Buckley CO, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$7,088.40

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4008		120	Hours	\$59.43	\$7,131.60

OPTION

CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Selfridge ANG MI, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$7,131.60

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4009		1,000	Hours	\$59.81	\$59,810.00

OPTION

CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Alpena CRTC, MI, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$59,810.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4010		120	Hours	\$47.68	\$5,721.60

OPTION

CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Kingsley Field OR, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$5,721.60

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4011		120	Hours	\$68.36	\$8,203.20

OPTION

CONTINGENCY SUPPORT HOURS
FFP

Contractor shall provide Contingency Support Hours for Los Alamitos, AAF CA, in accordance with the Performance Work Statement dated 01 Oct 2010.

Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$8,203.20

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4012		1	Lot	\$30,000.00	\$30,000.00

OPTION

TRAINING SUPPORT
FFP

Training Support for ANG sites.

FOB: Destination

PURCHASE REQUEST NUMBER: F9WFX10083A001

SIGNAL CODE: A

NET AMT

\$30,000.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
4013		1	Lot	\$0.00	\$0.00
OPTION	CONTRACT DATA FFP Contractor shall provide Contract Data Requirements List (CDRLS in accordance with the Performance Work Statement dated 1 Oct 2010 for CLINS 001-006 FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				
NET AMT					\$0.00

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	Destination	Government	Destination	Government
0002	Destination	Government	Destination	Government
0003	Destination	Government	Destination	Government
0004	Destination	Government	Destination	Government
0005	Destination	Government	Destination	Government
0006	Destination	Government	Destination	Government
0007	Destination	Government	Destination	Government
0008	Destination	Government	Destination	Government
0009	Destination	Government	Destination	Government
0010	Destination	Government	Destination	Government
0011	Destination	Government	Destination	Government
0012	Destination	Government	Destination	Government
0013	Destination	Government	Destination	Government
1001	Destination	Government	Destination	Government
1002	Destination	Government	Destination	Government
1003	Destination	Government	Destination	Government
1004	Destination	Government	Destination	Government
1005	Destination	Government	Destination	Government
1006	Destination	Government	Destination	Government
1007	Destination	Government	Destination	Government
1008	Destination	Government	Destination	Government
1009	Destination	Government	Destination	Government
1010	Destination	Government	Destination	Government
1011	Destination	Government	Destination	Government
1012	Destination	Government	Destination	Government
1013	Destination	Government	Destination	Government

2001	Destination	Government	Destination	Government
2002	Destination	Government	Destination	Government
2003	Destination	Government	Destination	Government
2004	Destination	Government	Destination	Government
2005	Destination	Government	Destination	Government
2006	Destination	Government	Destination	Government
2007	Destination	Government	Destination	Government
2008	Destination	Government	Destination	Government
2009	Destination	Government	Destination	Government
2010	Destination	Government	Destination	Government
2011	Destination	Government	Destination	Government
2012	Destination	Government	Destination	Government
2013	Destination	Government	Destination	Government
3001	Destination	Government	Destination	Government
3002	Destination	Government	Destination	Government
3003	Destination	Government	Destination	Government
3004	Destination	Government	Destination	Government
3005	Destination	Government	Destination	Government
3006	Destination	Government	Destination	Government
3007	Destination	Government	Destination	Government
3008	Destination	Government	Destination	Government
3009	Destination	Government	Destination	Government
3010	Destination	Government	Destination	Government
3011	Destination	Government	Destination	Government
3012	Destination	Government	Destination	Government
3013	Destination	Government	Destination	Government
4001	Destination	Government	Destination	Government
4002	Destination	Government	Destination	Government
4003	Destination	Government	Destination	Government
4004	Destination	Government	Destination	Government
4005	Destination	Government	Destination	Government
4006	Destination	Government	Destination	Government
4007	Destination	Government	Destination	Government
4008	Destination	Government	Destination	Government
4009	Destination	Government	Destination	Government
4010	Destination	Government	Destination	Government
4011	Destination	Government	Destination	Government
4012	Destination	Government	Destination	Government
4013	Destination	Government	Destination	Government

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	POP 01-OCT-2010 TO 30-SEP-2011	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

0002	POP 01-OCT-2010 TO 30-SEP-2011	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
0003	POP 01-OCT-2010 TO 30-SEP-2011	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
0004	POP 01-OCT-2010 TO 30-SEP-2011	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
0005	POP 01-OCT-2010 TO 30-SEP-2011	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
0006	POP 01-OCT-2010 TO 30-SEP-2011	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
0007	POP 01-OCT-2010 TO 30-SEP-2011	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
0008	POP 01-OCT-2010 TO 30-SEP-2011	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
0009	POP 01-OCT-2010 TO 30-SEP-2011	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
0010	POP 01-OCT-2010 TO 30-SEP-2011	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
0011	POP 01-OCT-2010 TO 30-SEP-2011	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
0012	POP 01-OCT-2010 TO 30-SEP-2011	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
0013	POP 01-OCT-2010 TO 30-SEP-2011	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
1001	POP 01-OCT-2011 TO 30-SEP-2012	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
1002	POP 01-OCT-2011 TO 30-SEP-2012	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
1003	POP 01-OCT-2011 TO 30-SEP-2012	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
1004	POP 01-OCT-2011 TO 30-SEP-2012	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
1005	POP 01-OCT-2011 TO 30-SEP-2012	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
1006	POP 01-OCT-2011 TO 30-SEP-2012	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1

1007	POP 01-OCT-2011 TO 30-SEP-2012	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
1008	POP 01-OCT-2011 TO 30-SEP-2012	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
1009	POP 01-OCT-2011 TO 30-SEP-2012	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
1010	POP 01-OCT-2011 TO 30-SEP-2012	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
1011	POP 01-OCT-2011 TO 30-SEP-2012	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
1012	POP 01-OCT-2011 TO 30-SEP-2012	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
1013	POP 01-OCT-2011 TO 30-SEP-2012	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
2001	POP 01-OCT-2012 TO 30-SEP-2013	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
2002	POP 01-OCT-2012 TO 30-SEP-2013	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
2003	POP 01-OCT-2012 TO 30-SEP-2013	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
2004	POP 01-OCT-2012 TO 30-SEP-2013	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
2005	POP 01-OCT-2012 TO 30-SEP-2013	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
2006	POP 01-OCT-2012 TO 30-SEP-2013	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
2007	POP 01-OCT-2012 TO 30-SEP-2013	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
2008	POP 01-OCT-2012 TO 30-SEP-2013	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
2009	POP 01-OCT-2012 TO 30-SEP-2013	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
2010	POP 01-OCT-2012 TO 30-SEP-2013	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
2011	POP 01-OCT-2012 TO 30-SEP-2013	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1

2012	POP 01-OCT-2012 TO 30-SEP-2013	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
2013	POP 01-OCT-2012 TO 30-SEP-2013	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
3001	POP 01-OCT-2013 TO 30-SEP-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
3002	POP 01-OCT-2013 TO 30-SEP-2014	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
3003	POP 01-OCT-2013 TO 30-SEP-2014	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
3004	POP 01-OCT-2013 TO 30-SEP-2014	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
3005	POP 01-OCT-2013 TO 30-SEP-2014	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
3006	POP 01-OCT-2013 TO 30-SEP-2014	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
3007	POP 01-OCT-2013 TO 30-SEP-2014	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
3008	POP 01-OCT-2013 TO 01-SEP-2014	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
3009	POP 01-OCT-2013 TO 30-SEP-2014	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
3010	POP 01-OCT-2013 TO 30-SEP-2014	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
3011	POP 01-OCT-2013 TO 30-SEP-2014	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
3012	POP 01-OCT-2013 TO 30-SEP-2014	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
3013	POP 01-OCT-2013 TO 30-SEP-2014	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
4001	POP 01-OCT-2014 TO 30-SEP-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
4002	POP 01-OCT-2014 TO 30-SEP-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
4003	POP 01-OCT-2014 TO 30-SEP-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1

4004	POP 01-OCT-2014 TO 30-SEP-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
4005	POP 01-OCT-2014 TO 30-SEP-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
4006	POP 01-OCT-2014 TO 30-SEP-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
4007	POP 01-OCT-2014 TO 30-SEP-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
4008	POP 01-OCT-2014 TO 30-SEP-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
4009	POP 01-OCT-2014 TO 30-SEP-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
4010	POP 01-OCT-2014 TO 30-SEP-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
4011	POP 01-OCT-2014 TO 30-SEP-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
4012	POP 01-OCT-2014 TO 30-SEP-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1
4013	POP 01-OCT-2014 TO 30-SEP-2015	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	SCHED1

ACCOUNTING AND APPROPRIATION DATA

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100

AMOUNT: \$2,172,009.15

CIN F9WFX10083A0010003: \$77,830.80

CIN F9WFX100830010010: \$5,721.60

CIN F9WFX10083A001: \$10,033.20

CIN F9WFX10083A0010001: \$432,366.72

CIN F9WFX10083A0010002: \$215,282.64

CIN F9WFX10083A0010004: \$252,647.16

CIN F9WFX10083A0010005: \$615,548.76

CIN F9WFX10083A0010006: \$444,915.48

CIN F9WFX10083A0010008: \$9,582.30

CIN F9WFX10083A0010009: \$67,928.49

CIN F9WFX10083A0010011: \$10,152.00

CIN F9WFX10083A0010012: \$30,000.00

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849 DSR:641379

AMOUNT: \$357,132.10

CIN F9WFX11220A00010004: \$43,483.88

CIN F9WFX11220A0010001: \$74,264.88
 CIN F9WFX11220A0010002: \$36,993.74
 CIN F9WFX11220A0010003: \$13,379.46
 CIN F9WFX11220A0010005: \$106,163.50
 CIN F9WFX11220A0010006: \$76,678.74
 CIN F9WFX11220A0010007: \$434.80
 CIN F9WFX11220A0010008: \$1,533.40
 CIN F9WFX11220A0010009: \$1,824.00
 CIN F9WFX11220A0010010: \$495.80
 CIN F9WFX11220A0010011: \$879.90
 CIN F9WFX11220A0010012: \$1,000.00

CLAUSES INCORPORATED BY REFERENCE

52.203-5	Covenant Against Contingent Fees	APR 1984
52.203-6	Restrictions On Subcontractor Sales To The Government	SEP 2006
52.203-8	Cancellation, Rescission, and Recovery of Funds for Illegal or Improper Activity	JAN 1997
52.203-10	Price Or Fee Adjustment For Illegal Or Improper Activity	JAN 1997
52.203-12	Limitation On Payments To Influence Certain Federal Transactions	SEP 2007
52.204-7	Central Contractor Registration	APR 2008
52.209-6	Protecting the Government's Interest When Subcontracting With Contractors Debarred, Suspended, or Proposed for Debarment	SEP 2006
52.212-4	Contract Terms and Conditions--Commercial Items	JUN 2010
52.215-8	Order of Precedence--Uniform Contract Format	OCT 1997
52.215-10	Price Reduction for Defective Cost or Pricing Data	OCT 1997
52.215-19	Notification of Ownership Changes	OCT 1997
52.215-21	Requirements for Cost or Pricing Data or Information Other Than Cost or Pricing Data--Modifications	OCT 1997
52.222-41	Service Contract Act Of 1965	NOV 2007
52.222-42	Statement Of Equivalent Rates For Federal Hires	MAY 1989
52.229-3	Federal, State And Local Taxes	APR 2003
52.230-6	Administration of Cost Accounting Standards	JUN 2010
52.232-1	Payments	APR 1984
52.232-8	Discounts For Prompt Payment	FEB 2002
52.232-9	Limitation On Withholding Of Payments	APR 1984
52.232-17	Interest	OCT 2008
52.232-23	Assignment Of Claims	JAN 1986
52.233-1	Disputes	JUL 2002
52.244-2	Subcontracts	JUN 2007
52.246-1	Contractor Inspection Requirements	APR 1984
52.246-4	Inspection Of Services--Fixed Price	AUG 1996
52.246-25	Limitation Of Liability--Services	FEB 1997
52.249-2	Termination For Convenience Of The Government (Fixed- Price)	MAY 2004

CLAUSES INCORPORATED BY FULL TEXT

52.203-2 CERTIFICATE OF INDEPENDENT PRICE DETERMINATION (APR 1985)

(a) The offeror certifies that --

(1) The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other offeror or competitor relating to --

(i) Those prices,

(ii) The intention to submit an offer, or

(iii) The methods of factors used to calculate the prices offered:

(2) The prices in this offer have not been and will not be knowingly disclosed by the offeror, directly or indirectly, to any other offeror or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a negotiated solicitation) unless otherwise required by law; and

(3) No attempt has been made or will be made by the offeror to induce any other concern to submit or not to submit an offer for the purpose of restricting competition.

(b) Each signature on the offer is considered to be a certification by the signatory that the signatory --

(1) Is the person in the offeror's organization responsible for determining the prices offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) of this provision; or

(2) (i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) of this provision _____ (insert full name of person(s) in the offeror's organization responsible for determining the prices offered in this bid or proposal, and the title of his or her position in the offeror's organization);

(ii) As an authorized agent, does certify that the principals named in subdivision (b)(2)(i) above have not participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above; and

(iii) As an agent, has not personally participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) of this provision.

(c) If the offeror deletes or modifies subparagraph (a)(2) of this provision, the offeror must furnish with its offer a signed statement setting forth in detail the circumstances of the disclosure.

(End of clause)

52.204-1 APPROVAL OF CONTRACT (DEC 1989)

This contract is subject to the written approval of the Contracting Officer and shall not be binding until so approved.

(End of clause)

52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS--COMMERCIAL ITEMS (JUL 2010)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

Alternate I (Aug 2007) of 52.222-50 (22 U.S.C. 7104(g)).

(2) 52.233-3, Protest After Award (AUG 1996) (31 U.S.C. 3553).

(3) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) (Pub. L. 108-77, 108-78).

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items: (Contracting Officer check as appropriate.)

___ (1) 52.203-6, Restrictions on Subcontractor Sales to the Government (SEP 2006), with Alternate I (OCT 1995) (41 U.S.C. 253g and 10 U.S.C. 2402).

___ (2) 52.203-13, Contractor Code of Business Ethics and Conduct (APR 2010)(Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

___ (3) 52.203-15, Whistleblower Protections under the American Recovery and Reinvestment Act of 2009 (JUN 2010) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)

___ (4) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (JUL 2010) (Pub. L. 109-282) (31 U.S.C. 6101 note).

___ (5) 52.204-11, American Recovery and Reinvestment Act—Reporting Requirements (JUL 2010) (Pub. L. 111-5).

___ (6) 52.219-3, Notice of Total HUBZone Set-Aside (Jan 1999) (15 U.S.C. 657a).

___ (7) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (JUL 2005) (if the offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).

___ (8) [Reserved].

___ (9)(i) 52.219-6, Notice of Total Small Business Set-Aside (JUNE 2003) (15 U.S.C. 644).

___ (ii) Alternate I (OCT 1995) of 52.219-6.

- ___ (iii) Alternate II (MAR 2004) of 52.219-6.
- ___ (10)(i) 52.219-7, Notice of Partial Small Business Set-Aside (JUNE 2003) (15 U.S.C. 644).
- ___ (ii) Alternate I (OCT 1995) of 52.219-7.
- ___ (iii) Alternate II (MAR 2004) of 52.219-7.
- ___ (11) 52.219-8, Utilization of Small Business Concerns (MAY 2004) (15 U.S.C. 637 (d)(2) and (3)).
- ___ (12)(i) 52.219-9, Small Business Subcontracting Plan (JUL 2010) (15 U.S.C. 637(d)(4)).
- ___ (ii) Alternate I (OCT 2001) of 52.219-9
- ___ (iii) Alternate II (OCT 2001) of 52.219-9.
- ___ (iv) Alternate III (JUL 2010) of 52.219-9.
- ___ (13) 52.219-14, Limitations on Subcontracting (DEC 1996) (15 U.S.C. 637(a)(14)).
- ___ (14) 52.219-16, Liquidated Damages--Subcontracting Plan (JAN 1999) (15 U.S.C. 637(d)(4)(F)(i)).
- ___ (15)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (OCT 2008) (10 U.S.C. 2323) (if the offeror elects to waive the adjustment, it shall so indicate in its offer).
- ___ (ii) Alternate I (JUNE 2003) of 52.219-23.
- ___ (16) 52.219-25, Small Disadvantaged Business Participation Program--Disadvantaged Status and Reporting (APR 2008) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- ___ (17) 52.219-26, Small Disadvantaged Business Participation Program--Incentive Subcontracting (OCT 2000) (Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).
- ___ (18) 52.219-27, Notice of Total Service-Disabled Veteran-Owned Small Business Set-Aside (MAY 2004) (U.S.C. 657 f).
- ___ (19) 52.219-28, Post Award Small Business Program Rerepresentation (APR 2009) (15 U.S.C. 632(a)(2)).
- X (20) 52.222-3, Convict Labor (JUNE 2003) (E.O. 11755).

(21) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (JUL 2010) (E.O. 13126).

(22) 52.222-21, Prohibition of Segregated Facilities (FEB 1999).

(23) 52.222-26, Equal Opportunity (MAR 2007) (E.O. 11246).

(24) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEP 2006) (38 U.S.C. 4212).

(25) 52.222-36, Affirmative Action for Workers with Disabilities (JUN 1998) (29 U.S.C. 793).

(26) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEP 2006) (38 U.S.C. 4212).

(27) 52.222-54, Employment Eligibility Verification (JAN 2009). (Executive Order 12989). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in 22.1803.)

(28) (i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Items (MAY 2008) (42 U.S.C. 6962(c)(3)(A)(ii)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

(ii) Alternate I (MAY 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(c)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

(29) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007) (42 U.S.C. 8259b)

(30)(i) 52.223-16, IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (DEC 2007) (E.O. 13423)

(ii) Alternate I (DEC 2007) of 52.223-16.

(31) 52.225-1, Buy American Act--Supplies (JUNE 2003) (41 U.S.C. 10a-10d).

(32)(i) 52.225-3, Buy American Act--Free Trade Agreements--Israeli Trade Act (JUN 2009) (41 U.S.C. 10a-10d, 19 U.S.C. 3301 note, 19 U.S.C. 2112 note, 19 U.S.C. 3805 note, Pub. L. 108-77, 108-78, 108-286, 108-302, 109-53, 109-169, 109-283, and 110-138).

(ii) Alternate I (JAN 2004) of 52.225-3.

___ (iii) Alternate II (JAN 2004) of 52.225-3.

___ (33) 52.225-5, Trade Agreements (AUG 2009) (19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).

___ (34) 52.225-13, Restrictions on Certain Foreign Purchases (JUN 2008) (E.O.'s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

___ (35) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (Nov 2007) (42 U.S.C. 5150).

___ (36) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov 2007) (42 U.S.C. 5150).

___ (37) 52.232-29, Terms for Financing of Purchases of Commercial Items (FEB 2002) (41 U.S.C. 255(f), 10 U.S.C. 2307(f))

___ (38) 52.232-30, Installment Payments for Commercial Items (OCT 1995) (41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

___ (39) 52.232-33, Payment by Electronic Funds Transfer--Central Contractor Registration (OCT 2003) (31 U.S.C. 3332).

___ (40) 52.232-34, Payment by Electronic Funds Transfer--Other than Central Contractor Registration (MAY 1999) (31 U.S.C. 3332)

___ (41) 52.232-36, Payment by Third Party (FEB 2010) (31 U.S.C. 3332).

___ (42) 52.239-1, Privacy or Security Safeguards (AUG 1996) (5 U.S.C. 552a).

___ (43)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. Appx 1241(b) and 10 U.S.C. 2631).

___ (ii) Alternate I (APR 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items: (Contracting Officer check as appropriate.)

___ (1) 52.222-41, Service Contract Act of 1965 (Nov 2007) (41 U.S.C. 351, et seq.).

____ (2) 52.222-42, Statement of Equivalent Rates for Federal Hires (MAY 1989) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

____ (3) 52.222-43, Fair Labor Standards Act and Service Contract Act--Price Adjustment (Multiple Year and Option Contracts) (SEP 2009) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

____ (4) 52.222-44, Fair Labor Standards Act and Service Contract Act--Price Adjustment (SEP 2009) (29 U.S.C. 206 and 41 U.S.C. 351, et seq.)

____ (5) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (Nov 2007) (41 U.S.C. 351, et seq.).

____ (6) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services--Requirements (FEB 2009) (41 U.S.C. 351, et seq.).

____ (7) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (Mar 2009) (Pub. L. 110-247).

____ (8) 52.237-11, Accepting and Dispensing of \$1 Coin (SEP 2008)(31 U.S.C. 5112(p)(1)).

(d) Comptroller General Examination of Record. The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records--Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e) (1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c), and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in this paragraph (e)(1) in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause—

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (APR 2010) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note).

(ii) 52.219-8, Utilization of Small Business Concerns (May 2004) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$550,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(iii) Reserved.

(iv) 52.222-26, Equal Opportunity (MAR 2007) (E.O. 11246).

(v) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (SEP 2006) (38 U.S.C. 4212).

(vi) 52.222-36, Affirmative Action for Workers with Disabilities (June 1998) (29 U.S.C. 793).

(vii) Reserved.

(viii) 52.222-41, Service Contract Act of 1965 (Nov 2007) (41 U.S.C. 351, et seq.).

(ix) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

Alternate I (AUG 2007) of 52.222-50 (22 U.S.C. 7104(g)).

(x) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (Nov 2007) (41 U.S.C. 351, et seq.).

(xi) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services--Requirements (FEB 2009) (41 U.S.C. 351, et seq.).

(xii) 52.222-54, Employment Eligibility Verification (JAN 2009).

(xiii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (MAR 2009) (Pub. L. 110-247). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.

(xiv) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. Appx 1241(b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

(2) While not required, the contractor May include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(End of clause)

52.216-1 TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a FIRM FIX PRICE contract resulting from this solicitation.

(End of provision)

52.217-8 OPTION TO EXTEND SERVICES (NOV 1999)

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within 60 DAYS (insert the period of time within which the Contracting Officer may exercise the option).

(End of clause)

52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor within 60 DAYS (insert the period of time within which the Contracting Officer may exercise the option); provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 60 days (60 days unless a different number of days is inserted) before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 5 YEARS.

(End of clause)

52.222-43 FAIR LABOR STANDARDS ACT AND SERVICE CONTRACT ACT--PRICE ADJUSTMENT (MULTIPLE YEAR AND OPTION CONTRACTS) (SEP 2009)

(a) This clause applies to both contracts subject to area prevailing wage determinations and contracts subject to collective bargaining agreements.

(b) The Contractor warrants that the prices in this contract do not include any allowance for any contingency to cover increased costs for which adjustment is provided under this clause.

(c) The wage determination, issued under the Service Contract Act of 1965, as amended, (41 U.S.C. 351, et seq.), by the Administrator, Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, current on the anniversary date of a multiple year contract or the beginning of each renewal option period, shall apply to this contract. If no such determination has been made applicable to this contract, then the Federal minimum wage as established by section 6(a)(1) of the Fair Labor Standards Act of 1938, as amended, (29 U.S.C. 206) current on the anniversary date of a multiple year contract or the beginning of each renewal option period, shall apply to this contract.

(d) The contract price, contract unit price labor rates, or fixed hourly labor rates will be adjusted to reflect the Contractor's actual increase or decrease in applicable wages and fringe benefits to the extent that the increase is made to comply with or the decrease is voluntarily made by the Contractor as a result of:

(1) The Department of Labor wage determination applicable on the anniversary date of the multiple year contract, or at the beginning of the renewal option period. For example, the prior year wage determination required a minimum wage rate of \$4.00 per hour. The Contractor chose to pay \$4.10. The new wage determination increases the minimum rate to \$4.50 per hour. Even if the Contractor voluntarily increases the rate to \$4.75 per hour, the

allowable price adjustment is \$.40 per hour;

(2) An increased or decreased wage determination otherwise applied to the contract by operation of law; or

(3) An amendment to the Fair Labor Standards Act of 1938 that is enacted after award of this contract, affects the minimum wage, and becomes applicable to this contract under law.

(e) Any adjustment will be limited to increases or decreases in wages and fringe benefits as described in paragraph (d) of this clause, and the accompanying increases or decreases in social security and unemployment taxes and workers' compensation insurance, but shall not otherwise include any amount for general and administrative costs, overhead, or profit.

(f) The Contractor shall notify the Contracting Officer of any increase claimed under this clause within 30 days after receiving a new wage determination unless this notification period is extended in writing by the Contracting Officer. The Contractor shall promptly notify the Contracting Officer of any decrease under this clause, but nothing in the clause shall preclude the Government from asserting a claim within the period permitted by law. The notice shall contain a statement of the amount claimed and the change in fixed hourly rates (if this is a time-and-materials or labor-hour contract), and any relevant supporting data, including payroll records, that the Contracting Officer may reasonably require. Upon agreement of the parties, the contract price, contract unit price labor rates, or fixed hourly rates shall be modified in writing. The Contractor shall continue performance pending agreement on or determination of any such adjustment and its effective date.

(g) The Contracting Officer or an authorized representative shall have access to and the right to examine any directly pertinent books, documents, papers and records of the Contractor until the expiration of 3 years after final payment under the contract.

(End of clause)

52.222-44 FAIR LABOR STANDARDS ACT AND SERVICE CONTRACT ACT--PRICE ADJUSTMENT
(SEP 2009)

(a) This clause applies to both contracts subject to area prevailing wage determinations and contracts subject to Contractor collective bargaining agreements.

(b) The Contractor warrants that the prices in this contract do not include any allowance for any contingency to cover increased costs for which adjustment is provided under this clause.

(c) The contract price, contract unit price labor rates, or fixed hourly labor rates will be adjusted to reflect increases or decreases by the Contractor in wages and fringe benefits to the extent that these increases or decreases are made to comply with--

(1) An increased or decreased wage determination applied to this contract by operation of law; or

(2) An amendment to the Fair Labor Standards Act of 1938 that is enacted subsequent to award of this contract, affects the minimum wage, and becomes applicable to this contract under law.

(d) Any such adjustment will be limited to increases or decreases in wages and fringe benefits as described in paragraph (c) of this clause, and to the accompanying increases or decreases in social security and unemployment taxes and workers' compensation insurance; it shall not otherwise include any amount for general and administrative costs, overhead, or profit.

(e) The Contractor shall notify the Contracting Officer of any increase claimed under this clause within 30 days after the effective date of the wage change, unless this period is extended by the Contracting Officer in writing. The

Contractor shall promptly notify the Contracting Officer of any decrease under this clause, but nothing in the clause shall preclude the Government from asserting a claim within the period permitted by law. The notice shall contain a statement of the amount and the change in fixed hourly rates (if this is a time-and-materials or labor-hour contract) claimed and any relevant supporting data that the Contracting Officer may reasonably require. Upon agreement of the parties, the contract price, contract unit price labor rates, or fixed hourly rates shall be modified in writing.

(f) The Contracting Officer or an authorized representative shall, until the expiration of 3 years after final payment under the contract, have access to and the right to examine any directly pertinent books, documents, papers, and records of the Contractor.

(End of clause)

52.228-5 INSURANCE--WORK ON A GOVERNMENT INSTALLATION (JAN 1997)

(a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the contract.

(b) Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective (1) for such period as the laws of the State in which this contract is to be performed prescribe, or (2) until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

(End of clause)

52.232-18 AVAILABILITY OF FUNDS (APR 1984)

Funds are not presently available for this contract. The Government's obligation under this contract is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise until funds are made available to the Contracting Officer for this contract and until the Contractor receives notice of such availability, to be confirmed in writing by the Contracting Officer.

(End of clause)

52.243-1 CHANGES--FIXED-PRICE (AUG 1987)

(a) The Contracting Officer may at any time, by written order, and without notice to the sureties, if any, make changes within the general scope of this contract in any one or more of the following:

(1) Drawings, designs, or specifications when the supplies to be furnished are to be specially manufactured for the Government in accordance with the drawings, designs, or specifications.

(2) Method of shipment or packing.

(3) Place of delivery.

(b) If any such change causes an increase or decrease in the cost of, or the time required for, performance of any part of the work under this contract, whether or not changed by the order, the Contracting Officer shall make an equitable adjustment in the contract price, the delivery schedule, or both, and shall modify the contract.

(c) The Contractor must assert its right to an adjustment under this clause within 30 days from the date of receipt of the written order. However, if the Contracting Officer decides that the facts justify it, the Contracting Officer may receive and act upon a proposal submitted before final payment of the contract.

(d) If the Contractor's proposal includes the cost of property made obsolete or excess by the change, the Contracting Officer shall have the right to prescribe the manner of the disposition of the property.

(e) Failure to agree to any adjustment shall be a dispute under the Disputes clause. However, nothing in this clause shall excuse the Contractor from proceeding with the contract as changed.

(End of clause)

52.246-20 WARRANTY OF SERVICES (MAY 2001)

(a) Definition.

"Acceptance," as used in this clause, means the act of an authorized representative of the Government by which the Government assumes for itself, or as an agent of another, ownership of existing and identified supplies, or approves specific services, as partial or complete performance of the contract.

(b) Notwithstanding inspection and acceptance by the Government or any provision concerning the conclusiveness thereof, the Contractor warrants that all services performed under this contract will, at the time of acceptance, be free from defects in workmanship and conform to the requirements of this contract. The Contracting Officer shall give written notice of any defect or nonconformance to the Contractor within 30 days after defect found. This notice shall state either (1) that the Contractor shall correct or reperform any defective or nonconforming services, or (2) that the Government does not require correction or reperformance.

(c) If the Contractor is required to correct or reperform, it shall be at no cost to the Government, and any services corrected or reperformed by the Contractor shall be subject to this clause to the same extent as work initially performed. If the Contractor fails or refuses to correct or reperform, the Contracting Officer may, by contract or otherwise, correct or replace with similar services and charge to the Contractor the cost occasioned to the Government thereby, or make an equitable adjustment in the contract price.

(d) If the Government does not require correction or reperformance, the Contracting Officer shall make an equitable adjustment in the contract price.

(End of clause)

ADDITIONAL INFORMATION

ADDITIONAL INFORMATION

1. GOVERNMENT CONTRACTING PERSONNEL:

- a. The Contracting point(s) of contact for this contract will be the following:

Contract Specialist:

(b) (6)

Office: 703-607-1279

Address:

National Guard Bureau (NGB-ZC-AQ)
1411 Jefferson Davis Highway, Suite 8100
Arlington, VA 22202-3231
Fax: 703-607-1742

- b. All contracting actions and/or correspondence should be forwarded through the COR appointed in the contract schedule.

2. CONTRACTING OFFICER'S REPRESENTATIVE (COR):

- a. The Contracting Officer has appointed the following individuals as the primary and alternate COR for this contract:

Primary COR:

(b) (6)

703-607-3257

Address:

NGB/A6
1411 Jefferson Davis Highway,
Arlington, VA 22202-3231

- b. The COR will act as the Contracting Officer's representative for technical matters, providing technical direction and discussion as necessary with respect to the specification or statement of work, and monitoring the progress and quality of the contractor's performance. The COR is NOT an Administrative Contracting Officer (ACO) and does not have authority to take any action, either directly or indirectly, that would change the pricing, quantity, quality, place of performance, delivery schedule, or any other term and condition of the contract, or to direct the accomplishment of effort that goes beyond the scope the statement of work in the contract.
- c. When, in the opinion of the contractor, the COR requests efforts outside the existing scope of the contract, the contractor shall promptly notify the contracting officer in writing. The contractor under such direction shall take no action until the contracting officer has resolved the issue or has otherwise issued a modification to the contract.
- d. In the absence of the Primary COR named above (due to reasons such as leave, illness, and official travel), all responsibilities and functions assigned to the Primary COR shall be the responsibility of the Alternate COR (if appointed) acting on behalf of the Primary COR.

3. ACCOUNTING FOR CONTRACT SERVICES:

The Secretary of the Army has implemented Accounting for Contract Services. This initiative has been put in place to obtain better visibility of the contractor service workforce. The Assistant Secretary of the Army (Manpower and Reserve Affairs) and the Assistant Secretary of the Army (Acquisition, Logistics and Technology) have implemented guidance to comply with this DoD Business Initiative Council (BIC) sponsored initiative. These contract reporting

requirements are mandatory. By acceptance of this contract and performance under this contract, the contractor agrees to comply with these reporting requirements.

The Office of the Assistant Secretary of the Army (Manpower & Reserve Affairs) operates and maintains a secure Army data collection site [Contractor Manpower Reporting (CMR) System] where the contractor will report ALL contractor manpower (including sub-contractor manpower) required for performance of this contract. The contractor is required to completely fill in all the information in the format using the following web address:

<https://contractormanpower.army.pentagon.mil>

The required information includes: (1) Contracting Office, Contracting Officer, Contracting Officer's Technical Representative; (2) Contract number, including task and delivery order number; (3) Beginning and ending dates covered by reporting period; (4) Contractor name, address, phone number, e-mail address, identity of contractor employee entering data; (5) Estimated direct labor hours (including sub-contractors); (6) Estimated direct labor dollars paid this reporting period (including sub-contractors); (7) Total payments (including sub-contractors); (8) Predominant Federal Service Code (FSC) reflecting services provided by contractor (and separate predominant FSC for each sub-contractor if different); (9) Estimated data collection cost; (10) Organizational title associated with the Unit Identification Code (UIC) for the Army Requiring Activity (National Guard Bureau UIC is W00QFF); (11) Locations where contractor and sub-contractors perform the work (specified by zip code in the United States and nearest city, country, when in an overseas location, using standardized nomenclature provided on website); (12) Presence of deployment or contingency contract language; and (13) Number of contractor and sub-contractor employees deployed in theater this reporting period (by country). As part of its submission, the contractor will also provide the estimated total cost (if any) incurred to comply with this reporting requirement. Reporting period will be the period of performance not to exceed 12 months ending September 30 of each government fiscal year and must be reported by 31 October of each calendar year. Contractors may use a direct XML data transfer to the database server or fill in the fields on the website. The XML direct transfer is a format for transferring files from a contractor's systems to the secure web site without the need for separate data entries for each required data element at the web site. The specific formats for the XML direct transfer may be downloaded from the web site.

4. GENERAL INVOICE PREPARATION & SUBMITTAL INSTRUCTIONS:

- a. An invoice is a written and/or electronic request for payment under the contract for supplies delivered or for services rendered. In order to be proper, an invoice must include, as applicable, the following:
 - i. Name and address of the contractor
 - ii. Invoice Date
 - iii. Contract Number, or other authorization for supplies delivered or services performed (including order number and contract line item number)
 - iv. Name and address of contractor official to who payment is to be sent (must be the same as that in the contract or on a proper notice of assignment)
 - v. Name (where practical), title, phone number and mailing address of person to notified in the event of a defective invoice.
 - vi. Any other information or documentation required by other requirements of the contract (such as evidence of shipment)
- b. Invoices should match terms and CLIN structure of the contract for ease of payment by Defense Finance and Accounting Service (DFAS).
- c. Invoices shall be processed for approval and payment within 5 working days of the completion of work.
- d. Receipt of payments by a representative of the contractor's designated bank shall constitute a full accord and satisfaction of the Government's obligation under the contract to the extent of the amount of the payment made.
- e. This contract requires invoice submittal in accordance with Wide Area Workflow (WAWF). Submit one electronic original of all invoices to DFAS. IMPORTANT: DFAS must receive electronic

submittal from the contractor in compliance with DFARS 252.232-7003. The COR(s) will certify all invoices for payment. For payment inquiries after submittal, please contact the DFAS Customer Service Desk or visit the Vendor Pay Inquiry System at the following web address:

<http://www.dfas.mil/money/vendor/>

5. WIDE AREA WORKFLOW INVOICE INSTRUCTIONS:

Contractor shall submit payment request using the following method(s) as mutually agreed to by the Contractor, the Contracting Officer, the contract administration office, and the payment office.

- Wide Area Workflow (WAWF) (see instructions below)*
- Web Invoicing System (WInS)(<https://ecweb.dfas.mil>)*
- American National Standards Institute (ANSI) X.12 electronic data interchange (EDI) formats (<http://www.X12.org> and <http://www.dfas.mil/ecedi>)*
- Other (please specify) _____*

DFAS POC and Phone: DFAS LIMESTONE, 1-800-756-4571, Option 2, option 3

WAWF is the preferred method to electronically process vendor request for payment. This application allows DOD vendors to submit and track Invoices and Receipt/Acceptance documents electronically. Contractors electing to use WAWF shall (i) register to use WAWF at <https://wawf.eb.mil> and (ii) ensure an electronic business point of contact (POC) is designated in the Central Contractor Registration site at <http://www.ccr.gov> within ten (10) calendar days after award of this contract/order.

Questions concerning payments should be directed to the Defense Finance and Accounting Service (DFAS) Limestone (F67100) at 1-800-756-4571, Option 2, option 3 or faxed to 1-866-392-7091. Please have your purchase order/contract number ready when calling about payments.

You can easily access payment and receipt information using the DFAS web site at <http://www.dfas.mil/contractorpay.html>. Your purchase order/contract number or invoice number will be required to inquire about the status of your payment.

The following codes and information will be required to assure successful flow of WAWF documents.

TYPE OF DOCUMENT [Check the appropriate block]

- [*Commercial Item Financing*](#)
- [*Construction Invoice \(Contractor Only\)*](#)
- [*Invoice \(Contractor Only\)*](#)
- [*Invoice and Receiving Report \(COMBO\)*](#)

- [Invoice as 2-in-1 \(Services Only\)](#)
- [Performance Based Payment \(Government Only\)](#)
- [Progress Payment \(Government Only\)](#)
- [Cost Voucher \(Government Only\)](#)
- [Receiving Report \(Government Only\)](#)
- [Receiving Report With Unique Identification \(UID\) Data \(Government Only\)](#)

UID is a new globally unique “part identifier” containing data elements used to track DoD parts through their life cycle.

- [Summary Cost Voucher \(Government Only\)](#)

CAGE CODE:5XWZ5 DUN NUMBER: 961936684 TAX ID: 271912916

ISSUE BY DODAAC: W9133L

ADMIN BY DODAAC: W9133L

INSPECT BY DODAAC: F9WFC4

ACCEPT BY DODAAC: F9WFC4

SHIP TO DODAAC: F9WFC4

LOCAL PROCESSING OFFICE DODDAC: N/A

PAYMENT OFFICE FISCAL STATION CODE: F67100

EMAIL POINTS OF CONTACT LISTING: (Use Group e-mail accounts if applicable)

INSPECTOR: (b) (6)

ACCEPTOR: (b) (6)

RECEIVING OFFICE POC: (b) (6)

CONTRACT ADMINISTRATOR: (b) (6)

CONTRACTING OFFICER: (b) (6)

ADDITIONAL CONTACT: (b) (6)

"Please pay particular attention to the correct DODAAC Codes outlined in the payment instructions included in the contract. This will facilitate faster payment of invoices. Please feel free to contact us if the instructions are unclear."

SOW

PERFORMANCE WORK STATEMENT

FOR

METEOROLOGICAL SERVICES

MULTIPLE AIR NATIONAL GUARD LOCATIONS

1 OCTOBER 2010

SECTION C
PERFORMANCE WORK STATEMENT
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SECTION C-1

GENERAL INFORMATION

1. DESCRIPTION OF SERVICES. The Contractor shall provide meteorological services at Pease ANGB NH, Selfridge ANGB MI, Alpena CRTIC MI, Buckley AFB CO, Kingsley Field OR, and Los Alamitos AAF CA as described in each Tab. Such services include, but are not limited to; weather observing, weather forecasting, weather briefing, and staff support.

1.1. SCOPE OF WORK. The Contractor shall provide all personnel, equipment, tools, materials, supervision, and other items and services necessary to provide meteorological services as defined in this Performance Work Statement (PWS). Exceptions to these requirements are specified in Section C-3 as Host base-furnished property and services. Host base refers to the six military locations listed in paragraph 1 above. The Contractor shall perform to the standards in this contract. The estimated quantities of work are listed in each Tab in Technical Exhibit 2, Workload Estimates.

1.2. PERSONNEL.

1.2.1. Contract Manager. The Contractor shall provide a contract manager and one alternate who shall be responsible for the performance of the work at all locations and have authority to make decisions on all contract matters. These may be either full-time or additional duty positions. The contract manager shall have weather observer and forecaster qualifications that meet or exceed those of the weather station supervisors. The contract manager shall also have a minimum of 3 years experience in supervising weather station operations in a Department of Defense (DOD) weather station (i.e., Station Chief, Weather Commander, OIC, or NCOIC) or at least 2 years weather station supervisory experience plus 1 or more years experience at a headquarters involved with military weather station operations policies, procedures, etc. This individual shall be responsible for the overall management of contract weather services. The contract manager need not be certified as a weather observer or forecaster, but must be able to be certified in an emergency. The names and telephone numbers of the contract manager and alternate shall be provided in writing to the Contracting Officer and Quality Assurance Evaluator (QAE) not later than the start of the contract transition period.

1.2.1.1. The contract manager or alternate shall be available via phone during normal duty hours (within 2 hours) to discuss problem areas with Government personnel. After normal duty hours the manager or designated alternate shall be available within 4 hours.

1.2.1.2. The contract manager and alternate must be able to read, write, speak, and understand English.

1.2.2. Contractor Employees. The Contractor shall not employ persons for work on this contract if such employee is identified to the Contractor by the Contracting Officer as a potential threat to the health, safety, security, general well-being or operational mission of the installation and its population.

1.2.2.1. The Contractor shall have written policies that clearly spell out how and when they will handle employee misconduct and employee failure to maintain the standards set forth in this contract. Policies shall cover employee counseling, probation, and termination of employment. As a minimum, the following topics shall be addressed: failure to achieve quality control standards, reporting late to work, sleeping while on duty, disrespect to customers, misuse of government computers, damage to government property or equipment, inappropriate dress or appearance, on-base driving offenses, arrest and conviction by military or civil authorities (other than minor traffic offenses), and other misconduct that would impact the performance of duties under this contract.

1.2.2.2. Contractor personnel shall present a neat appearance and be easily recognized as Contractor employees. This may be accomplished by wearing distinctive clothing bearing the company name or by wearing appropriate badges that contain the company name and employee name. The Contractor shall furnish these items. Employees shall not wear athletic clothing, swimwear, shorts, undergarments worn as outer-garments, or open toed shoes while performing duties under this contract. Shirts/blouses shall have collars. Sweaters and Henley style shirts are acceptable. Pants, slacks, skirts, and/or dresses shall be clean and free of tears/holes. The Contractor shall develop a company dress policy to supplement this paragraph. This company policy shall be reviewed and approved by the government before being implemented.

1.2.2.3. The Contractor shall not employ any person who is an employee of the United States Government if employing that person would create a conflict of interest. Additionally, the Contractor shall not employ any person who is an employee of the Department of The Air Force, either military or civilian, unless such person seeks and receives approval according to DODD 5500-7. The Contractor shall not employ any person who is an employee of the Department of the Air Force if such employment would be contrary to the policies in AFI 64-106.

1.2.2.4. The Contractor is cautioned off-duty, active-duty military personnel hired under this contract may be subject to permanent change of station (PCS), change in duty hours, or deployment. Military Reservists and National Guard members may be subject to recall to active duty. The abrupt absence of these personnel could adversely affect the Contractor's ability to perform, however, their absence at any time shall not constitute an excuse for nonperformance under this contract.

1.2.2.5. All personnel employed to provide meteorological services support must be able to speak, read, write, and understand English, and communicate well; and shall do so in the performance of duties outlined in this PWS.

1.2.2.6. **Resumes:** Resumes of all observers, forecasters, and weather supervisors shall be submitted to the Contracting Officer attesting to the fact they meet experience requirements specified in the following paragraphs. Each resume shall contain a chronological list of former positions held substantiating work experience for the position being applied for. The list must clearly indicate the work/tasks performed (not just the job title) and the inclusive period of time (month/year) each position was held. Prior to submitting resumes to the government for approval, the Contractor shall review each resume ensuring it contains sufficient detail of prior experience. The Contractor shall also verify the accuracy of the information contained in the resume. The Contracting Officer and Quality Assurance Evaluator (QAE) reserve the right to review and approve all resumes prior to the Contractor's final commitment for assignment.

1.2.2.7. **Weather Observer.** The Contractor shall provide an adequate number of certified weather observers who meet all qualification requirements listed below. The Contractor must have an approved resume from the Contracting Officer and/or QAE before an intended observer hire can be certified.

1.2.2.7.1. **Weather Observer Qualification Requirements:**

1.2.2.7.1.1. Have at least 2 years experience with a Department of Defense (DOD) agency in the taking, recording, and dissemination of surface weather observations as their primary full-time job or are currently certified and working as a weather observer for a DOD agency as their primary full-time job. Full-time shall be construed as at least 30-hours per week.

1.2.2.7.1.2. It is recommended that all contract personnel at Buckley and Selfridge have at least 1 year of operational experience with the New-Tactical Forecast System (N-TFS), FMQ-19 Automatic Meteorological Station (AMS), the Joint Environmental Toolkit (JET) and the WSR-88D weather radar (OPUP) or be currently employed and working in a position requiring demonstrated qualification to operate the N-TFS, FMQ-19, WSR-88D and the (JET). Training of personnel without N-TFS, FMQ-19, WSR-88D and JET experience shall be at the expense of the Contractor.

Contract personnel at the remaining sites need at least one year experience with the weather systems mentioned above, excluding the WSR-88D.

NOTE: Experience requirements may be gained concurrently.

1.2.2.7.1.3. Visual acuity correctable to 20/20 with glasses or contacts. It is the Contractor's responsibility to ensure all certified observers continue to meet this requirement as long as they are employed under this contract.

1.2.2.7.1.4. Demonstrate proficiency in taking and recording surface weather observations.

1.2.2.7.1.5. Be qualified to operate all meteorological and communications equipment at the location they are employed.

1.2.2.7.2. Weather Observer Qualification Testing. During the contract familiarization and training period set forth in paragraph 1.9., Contractor employees shall receive training in areas described in paragraphs 1.2.2.7.1. All observers must satisfactorily demonstrate proficiency in these same areas prior to being certified by the weather station supervisor.

1.2.2.7.2.1. Certified weather observers performing observing duties at each location specified in this contract within the 30-day period prior to the contract start date are exempt from the equipment/observing proficiency demonstrations. If an observer transfers to another contract location, they must complete all required training and be certified by the new weather station supervisor. Resumes are still required for these employees and must be approved IAW paragraph 1.2.2.6 The Contractor shall obtain a copy of the employee's current weather observer certification documentation and maintain this documentation in the employee's training records if they continue employment at the same location they are currently certified.

1.2.2.8. Forecaster. (Los Alamitos, Buckley and Selfridge Only) The Contractor shall provide an adequate number of weather technicians (dual-qualified weather forecasters, Observer/Briefers) who meet all qualification requirements listed for observer and forecaster. The Contractor must have an approved resume from the Contracting Officer before an intended forecaster hire can be certified. Los Alamitos may keep a certified observer on duty when flight briefings are not required, usually the night shift.

1.2.2.8.1. Forecaster Qualification Requirements.

1.2.2.8.1.1. Have at least 2 years general forecasting experience with a DoD agency as their primary full-time job, or be currently certified and working as a weather forecaster for a DoD agency as their primary full-time job. Full-time shall be construed as at least 30-hours per week.

1.2.2.8.1.2. Have at least 2 years of specialized aviation forecasting experience with a DoD agency to include issuing aviation forecasts/mission execution forecasts (MEFs), providing flight weather briefings, and issuing weather warnings and advisories, or be currently employed and working in a position requiring accomplishment of these requirements.

1.2.2.8.1.3. Demonstrate proficiency in issuing and interpreting Terminal Aerodrome Forecasts (TAFs), weather warnings, weather advisories, answering PMSV calls, disseminating PIREPs, providing flight weather briefings, MEFs, and other forecast products to satisfy supported customer requirements.

1.2.2.8.1.4. Demonstrate proficiency in operating all meteorological and communication equipment, to include the N-TFS, FMQ-19, JET, WSR-88D (OPUP), and other equipment at the location they are employed.

1.2.2.8.1.5. Qualified forecaster personnel must meet all of the weather observer requirements in paragraph 1.2.2.7.1.

1.2.2.8.2. Weather Forecaster Qualification Testing. During the contract familiarization and training period set forth in paragraph 1.9, Contractor employees shall receive training in areas described in paragraphs 1.2.2.8.1. All forecasters must satisfactorily demonstrate proficiency in these same areas prior to being certified by the weather station supervisor

1.2.2.8.2.1. Qualified personnel performing forecasting and observing duties at Los Alamitos AAF CA, Buckley AFB CO and Selfridge ANGB MI within the 30-day period prior to the contract start date are exempt from requirements in paragraphs 1.2.2.7.1 and 1.2.2.8.1 if they continue to be employed at those respective locations. Resumes are still required, however, and must be approved IAW paragraph 1.2.2.6. The Contractor shall obtain a copy of the employee's current weather forecaster and weather observer certification documentation and maintain this documentation in the employee's training records.

1.2.2.9. Weather Supervisor. The Contractor shall designate a weather services supervisor whose weather observer and forecaster (Los Alamitos, Buckley and Selfridge Only) qualifications meet or exceed those of subordinates and has a minimum of 2 years management and supervisory experience in DOD weather station operations as their primary full-time job. Full-time shall be construed as at least 32-hours per week. The weather supervisor may be a shift working supervisor except at Buckley and Selfridge. Supervisors at Buckley and Selfridge shall not be a shift working supervisor, but should augment during peak work times and severe weather. This individual shall be responsible for the contract weather services at their respective location. The weather supervisor shall notify the QAE of any requests for changes in customer support requirements. The weather supervisor shall also be responsible for documenting, in writing, observer certification, forecaster certification, and equipment use proficiency. The weather supervisor will be available during normal duty days. An alternate supervisor shall also be designated to act in the absence of the primary supervisor. The names of the supervisor and alternate shall be provided in writing to the Contracting Officer and QAE not later than the start of the transition period.

1.2.2.9.1. The weather supervisor shall complete all observer and forecaster qualification requirements and be able to operate all equipment within the weather station. If not previously certified at the employed location, the QAE or another government weather representative will conduct observer and forecaster evaluations of the supervisor. Upon successful completion of these evaluations, the government representative will certify the weather supervisor.

1.2.2.10. Employee Shift Schedules. Contract employees shall not work more than 12 consecutive hours without having at least 12 hours off between shifts. Employees shall not work more than 4 consecutive days of 12 hour shifts without having at least 48 hours off after the fourth shift.

1.2.2.11. Equipment Operation. The Contractor shall be responsible for ensuring all personnel are trained and qualified to operate all Government and Contractor equipment necessary to perform the tasks required in this PWS. The Contractor shall maintain records evidencing the training and qualifications of all personnel to operate said pieces of equipment.

1.2.2.12. **Weather Observer Training.** The Contractor shall establish and manage an observer qualification-training program for all Contractor personnel. At a minimum, this program shall cover knowledge of local operating instructions and procedures related to observing duties, local and longline dissemination of weather observations, and demonstrate satisfactory proficiency in taking, encoding, and disseminating timely, accurate weather observations. The requirements of 1.2.2.7.1 must be met before an employee is allowed to work unsupervised as an observer.

1.2.2.13. **Weather Forecaster Training (Los Alamitos, Buckley and Selfridge).** The Contractor shall establish and manage a forecaster qualification-training program for all Contractor personnel. At a minimum, this program shall cover knowledge of local operating instructions and procedures related to forecast duties, local and longline dissemination of forecasts, weather warning and advisory requirements, flight weather briefing support requirements, MEFs, radar and satellite interpretation techniques, and demonstrate satisfactory proficiency in developing forecasts and providing customer support products. The requirements of 1.2.2.8.1 must be met before an employee is allowed to work unsupervised as an observer/briefer.

1.2.2.14. **Training Records.** The Contractor shall maintain training records for all Contractor personnel. Minimum contents shall include documentation or checklists that indicate training on applicable areas in paragraphs 1.2.2.11, 1.2.2.12, and 1.2.2.13. Each employee's weather observing and/or weather forecasting certification documentation will also be maintained in the training records.

1.2.3. **Security Requirements.**

1.2.3.1. The Contractor shall obtain vehicle passes and identification items required to gain access to the installation and the work location in accordance with procedures established at each host base.

1.2.3.2. The Contractor must possess or obtain a facility clearance at the classification level of SECRET. The Contractor shall notify the contracting officer within 5 days of contract award whether or not the company possesses a facility clearance. The Government shall request a facility clearance if the Contractor does not possess a facility clearance. The Contractor shall apply for personnel security clearances within 5 days after receipt of the facility clearance or within 10 days after award of the contract if the Contractor possesses a facility clearance. All personnel at locations with N-TFS/JET equipment must have at a minimum, a successful background check (observers) or a SECRET security clearance (forecasters) prior to working alone. This is a requirement so the employees have Local Area Network (LAN) access for the N-TFS and JET equipment.

1.2.4. **Equipment Custodian Training.** The Contractor shall designate an equipment custodian (primary and alternate) to the servicing supply function. The Government will provide

equipment custodian training. The Contractor shall request this training in writing from the supply organization within 30 days of the contract start date.

1.2.5. New-Tactical Forecast System (N-TFS)/Joint Environmental Toolkit (JET) Manager/Alternate. At N-TFS/JET locations the Contractor shall designate, in writing, an N-TFS/JET manager and alternate to the QAE. The N-TFS/JET manager may be the weather supervisor. This person must have previously performed N-TFS/JET manager duties or have received N-TFS/JET Operator/Manager training on site or have documented training records showing completion of an in-house N-TFS/JET System Manager training program.

1.2.6. WSR-88D (NEXRAD) Open Principle Users Processor (OPUP) Manager/Alternate. (Buckley and Selfridge Only) The Contractor shall designate, in writing, a WSR-88D manager and alternate to the QAE. The WSR-88D manager may be the weather supervisor. This person must have performed WSR-88D manager duties for at least 1 year or have completed the WSR-88D System/Manager Course in residence or have documented training records showing completion of an in-house WSR-88D System Manager training program.

1.3. QUALITY CONTROL.

1.3.1. In compliance with FAR clause 52.246-4, Inspection of Services -- Fixed Price, Section I of the contract, the Contractor shall provide a Quality Control Plan containing, as a minimum, the items listed in 1.3.2 to the Contracting Officer for acceptance not later than the pre-performance conference. The Contracting Officer will notify the Contractor of acceptance or required modifications to the plan before the contract start date. The Contractor shall make appropriate modifications and obtain acceptance of the plan by the Contracting Officer before the contract start date. (See TE 4, CDRL 01)

1.3.2. The plan shall include, but not limited to the following:

1.3.2.1. A description of the inspection system to cover all services listed on the Performance Requirements Summary (PRS). Description shall include specifics as to the areas to be inspected on both a scheduled and unscheduled basis, frequency of inspections, and the title and organizational placement of the inspectors. Additionally, control procedures for any Government provided keys or lock combinations shall be included.

1.3.2.2. A description of the methods to be used for identifying and preventing defects in the quality of service performed before the level of performance becomes unacceptable.

1.3.2.3. A description of records to be kept to document inspections and a supervisor's summary of corrective or preventive actions taken.

1.3.3. The records of inspections shall be kept and made available to the Government throughout the contract performance period and for the period after contract completion until final settlement of any claims under this contract.

1.4. QUALITY ASSURANCE. According to the Inspection of Services clause, the Government will evaluate the Contractor's performance under this contract. For those tasks listed on the PRS (Technical Exhibit 1), the quality assurance evaluator will follow the methods of surveillance specified in this contract. Government personnel will record all surveillance observations. Upon completion of the monthly surveillance, the QAE will fax or email a list of all discrepancies noted to the contract manager or site supervisor. If the Contractor feels any discrepancy is invalid, they should call the QAE within 2 working days to discuss the discrepancy and provide supporting information from this contract or the applicable Air Force directive for their reasoning. If the QAE determines the discrepancy is invalid, he/she will delete it from the surveillance record. Government surveillance of tasks not listed in the PRS or by methods other than those listed in the PRS (such as provided for by the Inspection of Services clause) may occur during the performance period of this contract. Such surveillance will be done according to standard inspection procedures or other contract provisions. Any action taken by the Contracting Officer as a result of surveillance will be according to the terms of this contract.

1.4.1. Performance Evaluation Meetings. The Contracting Officer may require the contract manager to meet with the Contracting Officer, contract administrator, QAE, and other Government personnel as deemed necessary. The Contractor may request a meeting with the Contracting Officer when he or she believes such a meeting is necessary. Written minutes of any such meetings shall be recorded, documented and signed by the contract manager and the Contracting Officer or contract administrator. If the Contractor does not concur with any portion of the minutes, such non-concurrence shall be provided in writing to the Contracting Officer within 10 calendar days following receipt of the minutes.

1.5. PHYSICAL SECURITY. The Contractor shall be responsible for safeguarding all Government property provided for Contractor use. At the end of each work period, all Government facilities, equipment, and materials shall be secured.

1.5.1. Key Control. The Contractor shall establish and implement methods of ensuring all keys issued to the Contractor by the Government are not lost or misplaced and are not used by unauthorized persons. The Contractor shall not duplicate any keys issued by the Government.

1.5.1.1. The Contractor shall immediately report to the Contracting Officer any occurrences of lost or duplicated keys.

1.5.1.2. In the event keys, other than master keys, are lost or duplicated, the Government will rekey or replace the affected lock or locks and the Contractor will reimburse the Government. In the event a master key is lost or duplicated, the Government shall replace all locks and keys for the system and the total cost deducted from the monthly payment due the Contractor.

1.5.1.3. The Contractor shall prohibit the use of keys issued by the Government by any persons other than the Contractor's employees and the opening of locked areas by Contractor employees to permit entrance of persons other than Contractor employees engaged in performance of

contract work requirements in those areas. The Contractor shall grant access to authorized maintenance personnel engaged in the performance of assigned work in those areas.

1.5.2. **Lock Combinations.** The Contractor shall control access to all Government provided lock combinations to preclude unauthorized entry.

1.6. HOURS OF OPERATION.

1.6.1. See Tabs for specific hours at each location.

1.6.1.1. **Holidays.** New Year's Day; Martin Luther King's Birthday; President's Day; Memorial Day; Independence Day; Labor Day; Columbus Day; Veteran's Day; Thanksgiving Day; and Christmas Day.

1.6.2. **Emergency or Special Event Services:** On occasion, the Contractor will be required to perform the observing or forecasting tasks set forth in Section C-5 outside those normal hours of operation set forth above. This may entail an increase in the normal hours of operation (i.e., 0500L-2300L versus 0500L-1900L) up to and including 24 hours per day. The Contractor shall provide these services when required by the Contracting Officer or his authorized representative, at the contract line item price for these contingency services. The Contracting Officer or his authorized representative will provide notification of 24 hour per day support to the Contractor no later than 1630L the day prior to such requirement. In the case of extended services of less than 24 hours per day, attempts from the Contracting Officer will be made to notify the Contractor of such requirement prior to 1630L the day prior. However, such services may be required with little or no notice. Examples of situations requiring contingency support include, but are not limited to, exercises, surge requirements, disasters, accident and rescue operations, deployments, nighttime flying, and severe weather. Procedures for requesting Contracting Officer authorization to provide emergency or special event services are detailed in Section C-5.

1.6.2.1. The Contractor shall invoice for contingency services on a monthly basis commensurate with his normal monthly invoice for the basic weather services. Prior to submission of such invoice, the Contractor shall obtain certification of contingency support man-hours worked from the Contracting Officer or his authorized representative who authorized such services.

1.6.3. **Performance of Services During Crisis Declared by the National Command Authority or Overseas Combatant Commander.** When the National Command Authority declares a crisis, the Contractor shall continue performance under this contract as is done under non-crisis situations.

1.7. **CONSERVATION OF UTILITIES.** The Contractor shall make sure employees practice utilities conservation. The Contractor shall be responsible for operating under conditions that prevent the waste of utilities to include:

1.7.1. Lights shall be used only in areas where and when work is actually being performed.

1.7.2. Employees shall not adjust mechanical equipment controls for heating, ventilation, and air conditioning systems.

1.7.3. Water faucets or valves shall be turned off when not in use.

1.8. RECORDS. The Contractor shall be responsible for creating, maintaining, and disposing of only those Government required records specifically cited in this PWS or required by the provisions of a mandatory directive listed in section C-6, Applicable Publications and Forms. If requested by the Government, the Contractor shall provide the original record, or a reproducible copy of any such record within 5 working days of receipt of the request.

1.9. CONTRACT TRANSITION PERIOD. The incumbent Contractor shall provide orientation to the follow-on Contractor during the last 30 calendar days of the last month of the existing contract. The orientation is intended to familiarize the follow-on Contractor's employees with the work to be done, conduct proficiency training in use of all equipment, and to conduct observer/forecaster certification evaluations. If necessary, during this period a Government representative will conduct the observer/forecaster certification for the new site weather supervisor. After being certified, the weather supervisor shall conduct qualification evaluations for other new employees. The follow-on Contractor shall schedule qualification dates/times with the QAE. At 0001 hours on the first day of the contract, the follow-on Contractor assumes full responsibility for the operation.

1.9.1. The Contractor shall ensure the weather supervisor plus at least two observers and two forecasters (at forecasting locations) are certified not later than 1200 noon (Local Time) on the 16th calendar day prior to the contract start date.

SECTION C-2

DEFINITIONS

2.1. GENERAL DEFINITIONS.

2.1.1. Defective Service. A service output that does not meet the standard of performance specified in the contract for that service.

2.1.2. Lot. The total number of potential service outputs in a surveillance period.

2.1.3. Performance Requirement. The point that divides acceptable and unacceptable performance of a task according to the performance requirement summary and the Inspection of Services clause. It is the number of defectives or maximum percent defective in the lot that is deemed acceptable. Any further defectives will require the Government to effect the price computation system.

2.1.4. Performance Requirements Summary (PRS). A listing of the service outputs under the contract that are to be evaluated by the QAE on a regular basis, the surveillance methods to be used for these outputs, and the performance requirement of the listed outputs.

2.1.5. Quality Assurance. A planned and systematic pattern of all actions necessary to provide confidence that adequate technical requirements are established; products and services conform to established technical requirements; and satisfactory performance is achieved. For the purposes of this contract, quality assurance refers to actions by the Government.

2.1.6. Quality Assurance Evaluator (QAE). A functionally qualified person who performs quality assurance functions for a contracted service.

2.1.7. Quality Control. Those actions taken by a Contractor to control the production of outputs to ensure they conform to the contract requirements.

2.1.8. Random Sampling. A sampling method where each service output in a lot has an equal chance of being selected for quality assurance surveillance.

2.1.9. Sample. A sample consists of one or more service outputs drawn from a lot for quality assurance surveillance.

2.2. TECHNICAL DEFINITIONS APPLICABLE TO THIS PWS.

2.2.1. Administration. Comprises those recurring activities, such as record keeping, preparation and dispatch of correspondence or reports, compiling statistical data, and other similar activities.

2.2.2. United States Air Force Unit Acronyms. Typical acronyms which may be used in the PWS, daily operations, and supporting documents are listed in paragraph 2.3.

2.2.3. Weather Definitions:

2.2.3.1. Automated Weather Network (AWN) . A global communications network used for collecting and distributing alphanumeric weather data throughout the Air Force Weather Weapons System; Navy and Army weather systems; and federal and foreign meteorological, space, and aviation centers.

2.2.3.2. Amendment (AMD). Used as a message modifier when transmitting a terminal forecast amendment.

2.2.3.3. Automatic Response to Query (ARQ). An automatic system that employs a separate ARQ data base to store current data for retrieval by authorized stations.

2.2.3.4. Continuous Weather Watch. A weather watch (the detecting and reporting of significant changes in specified weather elements) normally conducted from a location by a weather observer who monitors weather conditions and performs no other significant duties.

2.2.3.5. Basic Weather Watch. A weather watch conducted from the weather observation site by an observer who, because of other duties, cannot monitor the weather continuously.

2.2.3.6. Cooperative Weather Watch. A weather watch which includes input primarily from air traffic controllers trained to recognize and report differences in local weather conditions.

2.2.3.7. Correction (COR). A message modifier used when transmitting a correction to a weather report or bulletin.

2.2.3.8. International Civil Aviation Organization (ICAO). A United Nations organization specializing in matters dealing with international aviation and navigation.

2.2.3.9. ICAO Identifier. A specifically authorized 4-letter identifier assigned to a location and documented in ICAO Document 7910.

2.2.3.10. Notice to Airman (NOTAM). Messages reporting the availability or condition of aviation and navigation facilities at a particular landing field location or operating area.

2.2.3.11. Special Aviation Experience. Direct operational forecasting to support flying operations and provide operational weather forecast to such operations (as opposed to air pollution control forecasting).

2.3. **ACRONYMS.** The following is an alphabetical listing of commonly used acronyms.

AF _____ Air Force (USAF)
 AFB _____ Air Force Base
 AFI _____ Air Force Instruction
 AFMAN _____ Air Force Manual
 AFPAM _____ Air Force Pamphlet
 AFPD _____ Air Force Policy Directive
 AFR _____ Air Force Regulation
 AFTO _____ Air Force Technical Order
 AFW _____ Air Force Weather
 AMD _____ Amendment
 ANG _____ Air National Guard
 ANGB _____ Air National Guard Base
 AR RES _____ Army Reserve
 ASOS _____ Automated Surface Observing System
 ATC _____ Air Traffic Control
 AWN _____ Automated Weather Network

BWS _____ Base Weather Station

CDRL _____ Contractor Data Requirement List
 CDR _____ Contract Discrepancy Report
 CFE _____ Contractor-Furnished Equipment
 CP _____ Command Post

DD _____ Department of Defense (form identified)
 DOD _____ Department of Defense
 DRMO _____ Defense Reutilization Marketing Office
 DSN _____ Defense Switched Network

EA _____ Each
 EOM _____ End of Month

FAA _____ Federal Aviation Administration

FW _____ Fighter Wing

GFE _____ Government-Furnished Equipment

HQ _____ Headquarters

IAW _____ In Accordance With

IM _____ Information Management

L _____ Local time

LOA _____ Letter of Agreement

LWDS _____ Local Weather Dissemination System

MAJCOM _____ Major Command

MOA _____ Memorandum of Agreement

NOTAM _____ Notice To Airman

NSN _____ National Stock Number

N-TFS _____ New Tactical Forecast System

OI _____ Operating Instruction

OSHA _____ Occupational Safety and Health Act

PMI _____ Preventive Maintenance Inspections

PMSV _____ Pilot to Metro Service (Radio)

SN _____ Serial Number

SOP _____ Standing Operating Procedure

TA _____ Table of Allowance

TAF _____ Terminal Aerodrome Forecast

TBD _____ To Be Determined

TDY _____ Temporary Duty

WEA _____ Weather

SECTION C-3

HOST BASE-FURNISHED PROPERTY AND SERVICES

3. GENERAL. The host base shall provide the facilities, equipment, materials, and services listed here and in Technical Exhibits 5a and 5b of each Tab.

3.1. Host Base-FURNISHED PROPERTY.

3.1.1. Host Base-Furnished Facilities. The host base shall furnish or make available facilities described in Technical Exhibit 5a of each Tab. Facilities have been inspected for compliance with the Occupational Safety and Health Act (OSHA). No hazards have been identified for which workarounds have been established. Should a hazard be subsequently identified, the host base corrects OSHA hazards according to base wide Government developed and approved plans of abatement, taking into account safety and health priorities. A higher priority for correction will not be assigned to the facilities provided hereunder merely because of this contracting initiative. The fact that no such conditions have been identified does not warrant or guarantee that no possible hazard exists, or that work-around procedures will not be necessary or that the facilities as furnished will be adequate to meet the responsibilities of the Contractor. Compliance with the OSHA and other applicable laws and regulations for the protection of employees is exclusively the obligation of the Contractor. Further, the host base will assume no liability or responsibility for the Contractor's compliance or noncompliance with such responsibilities, with such requirements, with the exception of the aforementioned requirement to make corrections according to approved plans of abatement subject to base-wide priorities. Before any modification of the facilities performed by the Contractor at his or her expense, the Contractor must furnish the Contracting Officer documentation describing, in detail, the modification requested. No alterations to the facilities shall be made without specific written permission from the Contracting Officer. In the case of alterations necessary for OSHA compliance, such permission shall not be unreasonably withheld. The Contractor shall return the facilities to the host base in the same condition as received, fair wear and tear and approved alterations excepted. These facilities shall be used only in the performance of this contract.

3.1.2. Host base-Furnished Equipment. The host base shall provide the Contractor equipment listed in Technical Exhibit 5b of each Tab. Base furnished equipment shall be managed in accordance with provisions of AFMAN 23-110, Volume 2, Part 13 unless otherwise specified. The procedures specified are in addition to those required by the Government Property Clause of this contract.

3.1.2.1. Equipment Inventory. An inventory of host base furnished equipment must be done not later than 5 calendar days before start of the contract, within 10 calendar days of the start of any option periods, and not later than 10 calendar days before completion of the contract period (including any option periods). The Contractor and a Government representative (designated by the Contracting Officer) shall conduct a joint inventory of all Government (host base)-furnished

equipment listed in Technical Exhibit 5b of each Tab and the Contractor shall receipt for all equipment provided by the host base. The Contractor and a Government representative shall jointly determine the working order and condition of all equipment and document their findings on the inventory. Items of equipment missing or not in working order shall be recorded and the Contracting Officer notified in writing. In the event of disagreement between the Contractor and the Government representative on the working order and condition of the equipment, the disagreement shall be treated as a dispute under the contract clause entitled "Disputes."

3.1.2.2. Obtaining Replacement of host base-Furnished Equipment. The Contractor shall submit requests for replacement of host base-furnished equipment/furniture to the local base functional area chief, e.g. the Airfield Manager, with a copy to the QAE. Such requests shall specify the reason for the replacement request.

3.1.3. Host Base-Furnished Materials.

3.1.3.1. Initial Materials Furnished. The host base, through the incumbent Contractor, shall furnish an initial inventory of materials (approximately a 30 day supply) listed in Section C-4 of each Tab. These materials shall be jointly inventoried not later than 5 working days before contract start by the incumbent Contractor, follow-on Contractor, and a Government representative designated by the Contracting Officer. Any missing items shall be annotated on the inventory and the Contracting Officer notified. Once these materials have been depleted, the follow-on Contractor shall, at no cost to the Government, furnish all materials required to continue performance under this contract.

3.2. HOST BASE-FURNISHED SERVICES.

3.2.1. Utilities. Gas, electricity, water, sewage and heating fuels shall be supplied in sufficient quantities at no cost for performance under this PWS.

3.2.1.1. Drinking Water. In the event that tests reveal the base water unsafe to consume, the host base will provide the weather station with drinking water.

3.2.2. Telephone Service. Government telephone service of Class "A", DSN access and Class "C" shall be provided for Contractor use for conduct of official business. Also, the host base shall provide access for a minimum of one connection to the Local Area Network (LAN)/Internet. Connections to the LAN shall not exceed the required amount to provide access to government provided equipment used in support of the mission (i.e., NTFS, FMQ-19).

3.2.3. Installation Mail Distribution. The host base provides distribution of on-base official correspondence. Locations of mail distribution shall be provided during the pre-performance conference. The Contractor is responsible for off-base mail distribution.

3.2.4. Custodial Service. Unless otherwise set forth in Section C-4 of each Tab, the host base shall provide custodial services. If there is not a base wide custodial contract available for the

Contractors use, the host base will provide cleaning supplies such as soap, mops, brooms and a vacuum. Paper towels, toilet paper, hand soap, etc. will also be supplied by the host base. However, the Contractor shall be responsible for the cleanliness of his/her immediate work areas (i.e., counter tops, desk tops, and table tops).

3.2.5. **Refuse Collection.** Provided by the host base.

3.2.6. **Insect and Rodent Control.** Provided by the host base.

3.2.7. **Grounds Maintenance.** Provided by the host base. For employee safety this includes having a dry (clear of ice and/or snow) walkway to the weather station location. Base maintenance will also ensure the walkway is well lit and light bulbs replaced as needed.

3.2.8. **Police and Fire Protection.** The host base shall provide police and fire protection. Telephone numbers shall be provided at the pre-performance conference.

3.2.9. **Equipment Maintenance.** The host base shall maintain Government-furnished equipment. Maintenance telephone contact points shall be provided during the pre-performance conference.

3.2.10. **Automatic Data Processing.** The host base will provide computer-generated documentation to the extent needed for update of the Government equipment account records.

3.2.11. **Training.** The Government will provide any government required training. If the training is required by the host base, the host base will provide the training.

3.2.12. **Emergency Medical Service.** Telephone numbers for emergency medical care are listed in each Tab.

3.2.13. **Meteorological Communication.** The host base shall provide the Contractor access to weather communication channels. The host base will ensure computers and printers are upgraded so all weather data (Radar, Satellite, etc) is available to the weather station.

SECTION C-4

CONTRACTOR-FURNISHED ITEMS AND SERVICES

4.1. **GENERAL.** Except for those items or services specifically stated in section C-3 and in the Technical Exhibits as Government-furnished, the Contractor shall furnish everything needed to perform this contract according to all its terms.

4.2. **Contract Transition Materials Inventory.** Upon termination of the contract, the Contractor shall provide a 30-day stock level of materials and supplies needed to operate Government-furnished equipment. Each Tab contains a list of materials.

4.3 **Follow-On Contract Familiarization Period.** During the last month of contract performance the Contractor shall provide 30-days transition orientation to the follow-on Contractor. The Contractor shall familiarize the follow-on Contractor's employees with the work site, work to be done, and conduct proficiency training in use of all equipment.

SECTION C-5

SPECIFIC TASKS

5. GENERAL. The Contractor shall provide surface weather observing, weather forecasting (in the event of OWS power outages), aircrew weather briefings, weather radar observations, and staff weather support as detailed in each Tab. Such services include but are not limited to, requests for flight planning weather, solar or lunar data, climatological information, and further weather outlooks.

5.1. METEOROLOGICAL SERVICES. See Tabs.

5.2. WEATHER SUPPORT COORDINATION. The weather support document/Letters of Agreement identify specific customer requirements. The Contractor shall use these documents and applicable Government directives in the performance of this contract. At least annually the document OPR will coordinate these documents with the customers, Contractor, and QAE.

5.3. RELEASE OF WEATHER INFORMATION. The Contractor shall provide meteorological support to non-government agencies through the host base public affairs office.

5.4. Requirements beyond the capability of the Contractor may be augmented by the Government, at its option, when the Government deems such action to be necessary.

5.5. EQUIPMENT MAINTENANCE. The Contractor shall perform operator maintenance on equipment. Although not all inclusive, operator maintenance routinely consists of dusting equipment, changing ribbons, adding paper, and other similar actions.

5.6. PERFORMANCE OF SERVICES DURING CRISIS DECLARED BY THE NATIONAL COMMAND AUTHORITY OR OVERSEAS COMBATANT COMMANDER. When a crisis is declared by the National Command Authority, the Contractor shall continue performance under this contract as is done under non-crisis situations.

SECTION C-6

Applicable Publications and Forms

6. Publications and forms applicable to this Performance Work Statement are listed in Section C-6 of each Tab. The publications and forms have been coded as mandatory or advisory. The Contractor is obligated to follow those publications and use those forms coded as mandatory to the extent specified in other sections of this PWS. The Contractor shall be guided by those publications or use those forms coded advisory to the extent necessary to accomplish requirements in this PWS. The Government shall provide all publications and forms listed at the start of the contract. The Government will provide follow-on requirements to the Contractor when changes occur. This will be accomplished by providing access to the DOD and AF publications sites on the Internet. Supplements or amendments to listed publications from any organizational level may be issued during the life of the contract. The Contractor, QAE, and Contracting Officer shall establish a mutually acceptable implementation date for those changes or supplements which affect the services listed in the Performance Requirements Summary in Technical Exhibit 1. Should a decrease in contract price result, the Contractor shall provide a proposal for a reduction in the contract price to the Contracting Officer. Before implementing any change resulting in an increase in contract price, the Contractor shall submit to the Contracting Officer a price proposal within 30 calendar days following receipt of the change by the Contractor. Failure of the Contractor to submit a price proposal within 30 calendar days following receipt of the change entitles the Government to performance according to such change at no increase in contract price (unless the time requirement is waived by the Contracting Officer according to paragraph (c) of the Changes clause).

6.1. The Contractor shall maintain all mandatory publications and forms in the work area. Copies of these items may be electronic or paper. Paper copies needed for routine day-to-day use may be printed on government printers/copiers. Supplements to the listed publications are required for the unit/customers supported.

6.1.1. FAA publications will be obtained electronically or through Base Operations.

TECHNICAL EXHIBIT 1

PERFORMANCE REQUIREMENTS SUMMARY

1. PERFORMANCE REQUIREMENTS SUMMARY (PRS). The PRS charts located in Technical Exhibit 1 of each Tab:

1.1. List the PWS requirements that the Government will survey. The absence of any contract requirement from the PRS shall not detract from its enforceability nor limit the rights or remedies of the Government under any other provision of the contract, including the clauses entitled "Inspection of Services" and "Default."

1.2. Define the standard of performance for each listed service.

1.3. Set forth the maximum allowable deviation from standard performance for service that may occur before the Government will invoke the payment computation formula, resulting in a payment of less than 100 percent of the maximum payment for the listed service.

1.4. Define the lot used as the basis for surveillance or for payment computation purposes.

1.5. Set forth the surveillance methods the Government will use to evaluate the Contractor's performance for the listed tasks.

1.6. Set forth the percentage of the total contract price the listed contract requirement represents, only if the surveillance method is either 100-percent inspection or random sampling.

2. GOVERNMENT QUALITY ASSURANCE. Contractor performance will be surveyed to determine if it meets the contract standards. A variety of surveillance methods may be used.

2.1. Random sampling of recurring service outputs using indifference quality level (IQL) indexed sampling plans.

2.2. One hundred percent inspection of the output.

2.3. Periodic inspection of the processes or output.

2.4. Customer complaints.

3. PERFORMANCE EVALUATION. Performance of a service will be evaluated to determine whether or not it meets the performance requirements of the contract. When the performance requirement is exceeded, the Contracting Officer will issue a Contract Discrepancy

Report (CDR) to the Contractor. The Contractor shall respond to the CDR by completing the appropriate sections and returning it to the Contracting Officer within 15 calendar days of receipt. If the Contractor feels any discrepancy is not valid, they will provide a specific reference from this contract or the applicable Air Force directive to support their rebuttal. Upon evaluation of the Contractor's response to a CDR for tasks surveyed by random sampling or 100 percent inspection, the Contractor's payment for the month in which the performance in question occurred will be calculated as stated in paragraph 4. In the case of CDRs issued as the result of other methods of surveillance, the Contracting Officer shall take appropriate measures according to the clause entitled "Inspection of Services."

4. CONTRACTOR PAYMENT:

4.1. For performance of a service not exceeding the performance requirement, the Contractor shall be paid the percentage of the monthly contract line item price indicated in the PRS for the service.

4.2. If performance of a service exceeds the performance requirement for a service surveyed by random sampling or 100-percent inspection, the Government will calculate payment as follows:

4.2.1. The maximum contract payment per month for all services is multiplied by the maximum payment percentage for the specific service to determine the maximum payment for acceptable service. This payment is multiplied by the percentage of the sample found acceptable to determine the percentage of the contract price that the Contractor will be paid for the specific service. The total number of defectives found, not just those in excess of the reject level, is used to determine the percentage of the sample found unacceptable. The percentage of the sample found unacceptable subtracted from 100 percent determines the percentage found acceptable.

4.2.2. For those services performed less frequently than monthly, the payment computation will be determined for the entire surveillance period and will be based on the total maximum payment available for the entire surveillance period.

4.2.3. Any deductions from payment shall be taken from the payment for the month in which the Contracting Officer makes the determination deduction is appropriate, regardless of the period in which the performance occurred.

5. EXAMPLES OF PAYMENT COMPUTATIONS. The following examples illustrate payment computations for services evaluated monthly and services evaluated less than monthly.

5.1. SERVICES EVALUATED MONTHLY. For this example, assume the following: defective samples were found.

(1) Maximum contract line item payment per month	\$10,000
(2) Maximum payment percentage for the service	x .05
(3) Maximum payment for acceptable services	\$500
(4) Percentage of sample found unacceptable (10/25 = 40%)	.40
(5) Percentage of sample found acceptable (100% - 40%)	.60
(6) Payment for acceptable services (Line 3 times Line 5)	\$300

5.2. SERVICES EVALUATED LESS THAN MONTHLY. If the monthly contract cost is \$10,000 and the surveillance is semiannual, then the Contractor's payment is computed as follows. Assume a Performance Requirement of 1 defective, a lot size of 20, and 2 defective items were found during surveillance. Also assume the percent of the total contract line item price for the service is 4%.

(1) Maximum contract line item payment per month	\$10,000
(2) Number of months since the last surveillance	<u>x 6</u>
(3) Maximum payment for the period	\$60,000
(4) Percent of monthly contract line item price (4%)	<u>x .04</u>
(5) Total maximum payment for the service	\$2,400
(6) Percentage of acceptable service (100% - 10%)	<u>x .90</u>
(7) Contractor's Payment for the period	\$2,160
(8) Amount previously paid during the period (5 mon. x \$400)	<u>-\$2,000</u>
(9) Payment to the Contractor this month	\$ 160

TECHNICAL EXHIBIT 2
WORKLOAD ESTIMATES

See individual Tabs for workload estimates.

TECHNICAL EXHIBIT 3
MAPS AND WORK AREA LAYOUTS

See individual Tabs.

TECHNICAL EXHIBIT 4

REQUIRED REPORTS

The contractor shall submit all required reports as indicated on the Contract Data Requirements List (Technical Exhibit 4) in each Tab. Information concerning each report's preparation and format is contained in the respective Data Item Description within each Tab.

TECHNICAL EXHIBIT 5

GOVERNMENT-FURNISHED FACILITIES

See Technical Exhibit 5 of each Tab for a listing of government-furnished facilities and equipment.

TECHNICAL EXHIBIT 6

QUALITY STANDARDS

A summary of Quality Standards can be found in Technical Exhibit 1, Performance Requirements Summary in each Tab.

A Quality Assurance Surveillance Program (QASP) will be provided to the Contracting Officer.

TECHNICAL EXHIBIT 7

**PERFORMANCE REQUIREMENTS TABLE
FOR USE WHEN
SURVEILLANCE IS BY RANDOM SAMPLING**

I. PERFORMANCE REQUIREMENTS:

<u>MAXIMUM ERROR RATE</u>	<u>PERFORMANCE REQUIREMENT</u>
1%	0
5%	1
10%	2
15%	3

II. SAMPLE SIZE FOR UNKNOWN LOT SIZES OR LOTS GREATER THAN 1000:

<u>MAXIMUM ERROR RATE</u>	<u>SAMPLE SIZE</u>
1%	67
5%	33
10%	27
15%	25

III. SAMPLE SIZE FORMULA FOR LOTS LESS THAN 1000:

$$\text{Sample Size} = \frac{\text{Performance Requirement} + 0.67}{\text{Maximum Error Rate} + 1/(3 \text{ times the lot size})}$$

PERFORMANCE WORK STATEMENT

TAB A- ALPENA CRTC MI

TAB B – BUCKLEY ANGB CO

TAB C - KLAMATH FALLS ANGB OR

TAB D - LOS ALAMITOS AAF CA

TAB E – PEASE ANGB NH

TAB F – SELFRIDGE ANGB MI

PERFORMANCE WORK STATEMENT

TAB A

ALPENA CRTC MICHIGAN

ALPENA SECTION C

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SECTION C-1

GENERAL INFORMATION

1.1.1. The Alpena Base Weather Station (BWS) provides surface weather observing and staff weather support to the Combat Readiness Training Center (CRTC). Staff weather support does not include weather forecasts but information such as current weather conditions and climatological data.

1.2. Weather Observer Qualification Requirements:

1.2.1. Have at least 1-year experience with a Federal agency in the taking, recording, and dissemination of surface weather observations as their primary full-time job or are currently certified and working as a weather observer for a Federal agency as their primary full-time job. Full-time shall be construed as at least 30-hours per week.

1.3. HOURS OF OPERATION.

1.3.1. **Normal Hours of Operation.** The Contractor shall perform the services required under this contract during the following hours: 8 hours per day (0800-1600 Local Time), 5 days per week (Monday through Friday), exclusive of Federal Holidays

1.3.2. **Emergency or Special Event Services:** On occasion, the Contractor will be required to perform weather observing services set forth in Section C-5 outside those normal hours of operation set forth above. This may entail an increase in the normal hours of operation (i.e., 0600L-2000L versus 0800L-1600L) up to and including 24 hours per day. The Contractor shall provide these services when required by the Contracting Officer or his authorized representative, at the contract line item price for these contingency services. The Contracting Officer or his authorized representative will provide notification of 24 hour per day support to the Contractor no later than 1630L the day prior to such requirement. In the case of extended services of less than 24 hours per day, attempts from the Contracting Officer will be made to notify the Contractor of such requirement prior to 1630L the day prior. However, such services may be required with little or no notice. Examples of situations requiring contingency support include, but are not limited to, exercises, surge requirements, disasters, accident and rescue operations, deployments, nighttime flying, and severe weather. Procedures for requesting Contracting Officer authorization to provide emergency or special event services are detailed in Section C-5.

1.3.2.1. The Contractor shall invoice for contingency services on a monthly basis commensurate with his normal monthly invoice for the basic weather services. Prior to submission of such invoice, the Contractor shall obtain certification of contingency support man-hours worked from the Contracting Officer or his authorized representative who authorized such services.

SECTION C-3

GOVERNMENT-FURNISHED PROPERTY AND SERVICES

3.2.1. **Telephone Service.** Government telephone service of Class "A" and DSN access shall be provided for Contractor use for conduct of official business.

3.2.2. **Installation Mail Service.** The official on-base mailing address for the Contractor is:

CRTC WEATHER
5884 A STREET
ALPENA MI 49707-8125

3.2.3. **Security Police and Fire Protection.** Security police and fire protection is available by calling 911.

3.2.4. **Emergency Medical Service.** Emergency medical care is available by calling 911.

SECTION C-4**CONTRACTOR-FURNISHED ITEMS AND SERVICES**

4.1. **Contract Transition Materials Inventory.** Upon termination of the contract, the Contractor shall provide a 30-day stock level of materials and supplies needed to operate Government-furnished equipment. Although not all inclusive, the following items are normally used in weather station operations:

<u>MATERIAL</u>	<u>MONTHLY EQUIPMENT/ITEM USED WITH</u>	<u>USAGE</u>
Computer Paper	ASOS Printer	1/4 box
Printer Ribbons	ASOS Printer	1 each

SECTION C-5

SPECIFIC TASKS

5. GENERAL. The Alpena Base Weather Station (BWS) provides weather support services of surface observing and staff weather support to units located on base. Such service includes but is not limited to solar data and climatological information. Staff weather support does not include flight weather briefings or forecast services. The weather observing facility is located in the Base Operations building.

5.1. Meteorological Services. Through a continuous weather watch, the Contractor shall provide accurate surface weather observations by augmenting the Automated Surface Observing System (ASOS) during manned weather station operations. The Contractor shall ensure the ASOS observation accurately reflects existing conditions by editing the appropriate weather elements prior to dissemination. The Contractor will be familiar with ASOS operations such as generating specials via hot keys, answering the ASOS phone, being able to turn report processing sensors on and off, and being able to archive observations.

5.1.1. Surface Weather Observations. All surface weather observations required during each hour shall be taken, recorded, encoded, and disseminated error-free using the codes and procedures prescribed in FAA Order 7900.5B. Any corrections shall be disseminated within 20-minutes of the original transmission time. If the next observation is transmitted within the 20-minute period and it corrects the incorrect element, the original observation will be considered error-free.

5.1.1.1. Local. Accurate and timely surface weather observations shall be disseminated locally via ASOS to the Air Traffic Control Tower and Radar Approach Control (RAPCON) as required by the local Letter of Agreement. In the event of an ASOS outage, the weather information shall be provided by phone to these agencies. (TE 4, CDRL 05)

5.1.1.2. Longline. Accurate and timely surface weather observations shall be disseminated longline via the ASOS using the content and format required by FAA Order 7900.5B. (TE 4, CDRL 04)

5.1.1.2.1. Back-Up Calls. During ASOS communication outages the Contractor shall relay the observation to the Aviation Flight Service Station (AFSS) who will then disseminate the observation longline.

5.1.1.3. Surface Weather Observing Records. The Contractor shall record accurate and legible surface weather observations on NWS Form MF1M-10C as prescribed in FAA Order 7900.5B. The data recorded on MF1M-10C serves as the source to determine local and longline dissemination accuracy. A duplicate copy of each MF1M-10C used to record surface weather

observations shall be maintained in the weather station for the period specified in AFMAN 37-139. (TE 4, CDRL 02)

5.1.2. Outage Reports. The Contractor shall monitor meteorological and communications equipment operational status and report all outages to the AOMC (1-800-242-8194). All meteorological and communications equipment outages will be documented on an outage log. (TE 4, CDRL 03)

5.1.3. Computer Messages. The Contractor shall monitor and respond to any messages received over the ASOS.

5.1.4. DOD Flight Information Publications (FLIP). The Contractor shall review each applicable FLIP and FAA Order to determine changes in local and special observing criteria.

5.1.5. Emergency or Special Event Support. The Contractor shall perform those tasks listed within this section appropriate to the support requested. For example, increased operational flying requirements or Alert Force activation might entail 24-hour surface weather observation support. The Contractor shall request, in writing, clarification from the Contracting Officer whenever he/she has a question as to the specific tasks to be performed in support of emergencies or special events. Emergency or special event support requests will be processed as in 5.1.6.1.

5.1.5.1. Processing of Emergency or Special Event Support Requests. Requests for weather support outside the normal hours of operation specified in paragraph 1.6.1, Section C-1 will originate from a customer. Such requests must be approved, in advance whenever possible, by the Contracting Officer. If advance notice is not practical, the Contractor is still required to respond within 1 hour of notification and provide the appropriate support services. Requests can be classified as Routine, Very Short Notice, or No Notice. Reproducible copies of the "Request for Contingency Support" and "Certification of Contingency Hours Worked" forms will be provided to the Contractor and the Pre-performance Conference.

5.1.5.1.1. Routine Requests. Those requests submitted to the BWS more than 2 workdays prior to the start of the support. The customer must complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. The BWS supervisor will review the request, complete the 1st endorsement and forward it to the QAE at least 2 workdays prior to the start date of the support. The QAE will evaluate the request, complete the 2nd endorsement, and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given no later than 1630L the day prior to the requirement. If approved, the next regular workday following the provision of the support, the BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.5.1.2. Very Short Notice Requests. Situations may arise which allow only minimal time for coordination of a request. These requests will usually be 2 work days or less prior to the start

of the support. As circumstances permit, the customer should complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. In those cases where circumstances do not allow for the customer to complete paragraph 1, the BWS supervisor will complete it (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and forward it to the QAE. The QAE will evaluate the request, complete the 2nd endorsement, and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given as soon as practical. If approved, the next regular workday following the provision of the support, the BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.5.1.3. No Notice Requests. A situation may arise, such as the threat of severe weather, which requires immediate support, but coordination with the Contracting Officer is not practical. The BWS supervisor will use their best judgment in providing any necessary support services. No later than the next regular work day following the support, the BWS supervisor will complete paragraph 1 (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and "Certification of Contingency Hours Worked" and forward it to the QAE. The QAE will complete the 2nd endorsement and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form.

5.1.5.1.4. Cancellations. In the event the requested support is canceled, the BWS supervisor shall complete "Certification of Contingency Hours Worked" certifying no hours were worked and an explanation why the support was canceled. This form shall be provided to the QAE no later than the next working day following the canceled support.

5.1.5.2. Billing. The Contractor shall invoice for approved emergency or special event support services on a monthly basis when the normal monthly invoice for basic weather services is submitted.

5.1.6. Operational Reporting. Aircraft mishaps and severe weather occurrences require additional notification beyond local and longline dissemination. During normal duty hours the Contractor shall notify Base Operations and the QAE when either of these events occur. The Contractor shall provide the observation at the time of the event, the forecast (if known) to include any weather warnings and/or weather advisories, and the status of the meteorological equipment.

5.1.6.1. Aircraft Mishap Notification. Upon observation or notification of an aircraft mishap the Contractor shall take, record, and disseminate an aircraft mishap observation according to FAA Order 7900.5B and disseminate it in accordance with the letters of agreement. The Contractor shall archive the 5-minute data on ASOS that includes the aircraft mishap observation.

5.1.6.2. Severe Weather. Upon occurrence of a tornado, winds 50 knots or greater (including gusts), or hail 3/4 inch or greater on the installation, the Contractor shall notify the NWS in Gaylord, MI. The contractor shall prepare the Severe Weather Occurrence Worksheet and forward it to Base Operations. If the severe weather event occurs during contractor non-duty hours, the Contractor shall provide the information to Base Operations during the first normal duty hour the next duty day.

5.1.6.3 Barometer Comparisons. Comparisons will be completed quarterly between the ASOS and the backup Kestrel on a locally generated form. The Aneroid Barometer (Altimeter Setting Indicator – ASI) will be compared with the ASOS pressure reading once daily during station operating hours and recorded in the remarks section of the NWS MF1M-10C.

5.2. WEATHER SUPPORT COORDINATION. The weather support documents (letters of agreement) identify specific customer requirements. The Contractor shall use the weather support documents and applicable Government directives in the performance of this contract. At least annually the QAE will coordinate the weather support documents with the customer and Contractor.

SECTION C-6

Applicable Publications and Forms

6.1. The Contractor shall establish a publication distribution account and requirements for one copy of the AFEPL with the Alpena PDO. Supplements to the listed publications are required for the unit/customers supported.

6.1.1. The PDO will provide the Contractor with the required publications and forms or one copy of the AFEPL.

6.1.2. FAA publications will be obtained through Base Operations.

6.2. The current edition of the publications listed below shall be used unless as specified in paragraph 6 of the basic PWS.

<u>PUBLICATION</u>	<u>TITLE</u>	<u>MANDATORY</u> <u>ADVISORY</u>
FAA Order 7900.5B	Surface Weather Observations	M
AFMAN 15-124	Meteorological Codes	A
AFI 64-106	Air Force Industrial Labor Relations Activities	M
DODD 5500-7	Standards of Conduct	M
FAA 7340.1	FAA Contractions	M
	ASOS User's Manual	M
	ASOS Ready Reference Guide	M
	Letter of Agreement	M

DEPARTMENTAL FORMS

<u>FORMS</u>	<u>TITLE</u>	<u>MANDATORY</u> <u>ADVISORY</u>
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NWS Form MF1M-10C	Surface Weather Observations	M
	Local Dissemination Log/Record	M
	Communications/Equipment Service Record	M

<u>TECHNICAL EXHIBIT</u>	<u>TITLE</u>	<u>PAGE</u>
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2	Workload Estimates	TE 2-1
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5a	Government-Furnished Facilities	TE 5a-1
5b	Government-Furnished Equipment	TE 5b-1
6	Quality Standards	TE 6-1

TECHNICAL EXHIBIT 1

PERFORMANCE REQUIREMENTS SUMMARY

1. PERFORMANCE REQUIREMENTS SUMMARY (PRS). The attached PRS chart lists the PWS requirements that the Government will survey.

REQUIRED SERVICE	STANDARD	PERFORMANCE REQUIREMENT	METHOD OF SURVEILLANCE	MAXIMUM PAYMENT PERCENTAGE
RS 1; Take, record, encode, and disseminate accurate surface weather observations. Para C-5.1.1	During each hour, all required surface weather observations are taken, recorded, and encoded on MF1M-10C error-free. All observations are disseminated locally and longline error-free. All entries on MF1M-10C are legible and in chronological order.	PR: 2 defects. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	40%
RS 2; Disseminate timely surface weather observations. Para C-5.1.1	During each hour, surface weather observations must be disseminated locally and longline. Hourly observations at H+53; specials and locals within 5 minutes of occurrence.	PR: 2 defects. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	30%
RS 3; Report and document equipment and circuit outages. Para C-5.1.2	All equipment and circuit outages are reported to the appropriate agency within 20 minutes of occurrence and are documented on an outage log.	PR: 1 defect. LOT SIZE: All outages for the month.	100 Percent Checklist	5%
RS 4; Submit Contract Data Requirements. Tech Exhibit 4	All Contract Data Requirements are received not later than the time frames set forth in Technical Exhibit 4.	PR: 0 defects. LOT SIZE: All contract data requirements for the month.	100 Percent Checklist	15%
RS 5; Facility Operation Tasks.	Perform the following tasks:	PR: 1 defect. LOT SIZE: Number of times the tasks were required each quarter.	100 Percent Checklist (Annually)	10%
Para C-1.2.2.13 (Basic PWS)	Training Record Documentation: Training record on file for each employee. Training checklist and qualification documentation included in each record.			
Para C-1.2.4, C-6 (Basic PWS)	Publications/Forms Management: Mandatory publications/forms on hand (paper or electronic version).			
Para C-1.3.2 (Basic PWS)	Quality Control Inspections: Inspections performed and defects documented. A supervisor's summary of corrective actions included with the inspections.			
Para C-5.1.1.3	Surface weather observation records: A copy of all surface weather observation records (MF1M-10C) shall be maintained in the weather station.			
Para C-5.1.4	Special and Local Weather Observation Criteria:			

	FLIPs and Air Force /FAA directives reviewed for landing and takeoff weather criteria to ensure special and local observation criteria are current.			
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TECHNICAL EXHIBIT 2
WORKLOAD ESTIMATES

<u>SERVICE</u>	<u>QUANTITY PER MONTH</u>
Take, record, encode, and transmit accurate surface weather observations (METAR, SPECI, and local)	275
Document and report equipment/circuit outages	3
Barometer Comparison	Semi-annually

TECHNICAL EXHIBIT 3

MAPS AND WORK AREA LAYOUT

The weather station is located on the second floor of the Base Operations Building. Weather station location shall provide the most optimum view of the AERODOME for observational and flight safety purposes.

TECHNICAL EXHIBIT 4

REQUIRED REPORTS

The contractor shall submit all required reports as indicated on the attached Contract Data Requirements List. Information concerning each report's preparation and format is contained in the respective Data Item Description.

Data Item Number: 01

Title of Data Item: Contractor Quality Control Plan

Subtitle: QC Plan

Authority (DID Number): DID 01

Contract Reference: PWS Para 1.3

Requiring Office: ANG/A3OS

Frequency: Initially and as changes occur.

As of Date: At Pre-performance conference, then as of revision submission.

Date of First Submission: At Pre-performance conference

Date of Subsequent Submission: Final version by contract start date, then when changes occur.

Distribution: NGB-AQC-S: 1 regular copy; QAE: 1 repro copy

Remarks: None

Data Item Number: 02

Title of Data Item: Surface Observation Record

Subtitle: NWS Form MF1M-10C

Authority (DID Number): DID 02

Contract Reference: PWS Para 5.1.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy and 1 repro copy

Remarks: None

Data Item Number: 03

Title of Data Item: Equipment/Circuit Service Record

Subtitle: Outage Log

Authority (DID Number): DID 03

Contract Reference: PWS Para 5.1.2

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 04

Title of Data Item: Longline (ASOS) Dissemination Record

Subtitle: None

Authority (DID Number): DID 04

Contract Reference: PWS Para 5.1.1.2

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 05

Title of Data Item: Local Dissemination Log

Subtitle: None

Authority (DID Number): DID 05

Contract Reference: PWS Para 5.1.1.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

1. Title: Contractor Quality Control Plan (DID 01)

2. Description/Purpose: This document outlines the contractor's quality control requirements and procedures required by this contract. The plan contains the specific details of how the contractor performs quality control to ensure the standards for products and services under this contract are met. The QAE periodically reviews the contractor's quality control plan documentation to determine compliance and implementation and to assess the effectiveness of quality control policies and procedures.

3. Preparation Instructions:

3.1. The contractor shall provide a quality control plan to the contracting officer as prescribed in Section C-1, paragraph 1.3 and whenever changes occur.

4. Distribution: Not Applicable

1. Title: Surface Observation Records (NWS Form MF1M-10C) (DID 02)
2. Description/Purpose: Used to record the weather observation for the station. Observation types include METAR (SA), SPECI (SP), and Local (L). The NWS Form MF1M-10C is the official source document for weather conditions at the station. Data recorded on the form is used for climatological studies and aircraft accident investigations.
3. Preparation Instructions:
 - 3.1. The Contractor shall chronologically record surface weather observations on the NWS Form MF1M-10C. The Contractor shall follow the procedures detailed in FAA Order 7900.5b for recording and encoding. All MF1M-10C entries must be legible on both the original and the reproduced copy.
 - 3.2. Should the ASOS not allow entry of an element in the appropriate field as required by FAA 7900.5.B, the Contractor shall place the element in the Remarks Section (Column 14) on the NWS Form MF1M-10C. The order of elements recorded on the NWS Form shall agree with the ASOS dissemination record.
 - 3.3. The Contractor shall use the ASOS Daily Summary data to record Summary of the Day information (temperature, wind, and precipitation) in columns 57-61 on NWS Form MF1M-10C. Some ASOS Daily Summary data (temperatures, wind speed, and time of wind speed) must be converted before entered on NWS Form MF1M-10C. The Government no later than the start of the contract shall provide a conversion chart for Celsius to Fahrenheit temperatures and Knots to Miles Per Hour wind speeds.
 - 3.4. The original NWS Form MF1M-10C of each observing record for the first through the last day of the month is forwarded to the QAE.
4. Distribution: Not Applicable

1. Title: Weather Equipment/Communications Outage Record (DID 03)
2. Description/Purpose: Used to depict a chronology of equipment and circuit problems and to document actions taken to resolve these outages.
3. Preparation Instructions:
 - 3.1. The contractor documents and reports weather equipment, communications equipment, and circuit outages as required by PWS paragraph 5.6.6.
 - 3.2. The Weather Equipment/Communications Outage Record shall include, as a minimum, the following information:
 - Circuit identification or equipment type
 - DATE/TIME (Z) of the outage (All outages recorded chronologically)
 - DATE/TIME (Z) maintenance was notified
 - Job Control or Work Order Number if assigned
 - Initials of maintenance person receiving the outage report
 - DATE/TIME (Z) when circuit was restored or equipment was repaired
 - Remarks (Fully explains the outage, projected restoral date, corrective actions, and/or FOLLOW-UP status)
 - Initials of person recording the entries
 - 3.3. Document FOLLOW-UP status checks on a separate line. Use the term FOLLOW-UP to indicate the status check, refer to the original job control/work order number, include time of status check, and document in remarks any changes concerning restoral.
 - 3.4. Make daily FOLLOW-UP contacts on outage lasting 24 hours or longer. Daily FOLLOW-UP calls are not required if the maintainer provides a projected restoral date. If the outage is not corrected by the projected date, FOLLOW-UP calls are required daily unless the maintainer establishes a new projected restoral date.
4. Distribution: Not Applicable

1. Title: Longline (ASOS) Dissemination Records (DID 04)

2. Description/Purpose: A printed copy of weather data transmitted longline via electrical means such as the Automated Surface Observing System. The printout is used to confirm dissemination and to quality control the accuracy of products.

3. Preparation Instructions:

3.1. The contractor shall encode and transmit weather data on ASOS as required by FAA Order 7900.5B.

3.2. The Contractor will use the ASOS to print a copy of all observations that were disseminated during each calendar day (midnight local time to midnight local time). This printout shall include all ASOS observations for the day in chronological order, both augmented and unaugmented. A copy of each day's printout shall be forwarded to the QAE.

3.3. The Contractor shall also have the ASOS print out a Daily Summary that includes maximum/minimum temperatures, maximum wind speed with direction and time, and precipitation totals. Information from the Daily Summary shall be used for Summary of the Day data on FAA Form MF1M-10C (See DID 02). The printout of the Daily Summary shall be attached to the corresponding daily printout of observations.

3.4. The Contractor shall ensure all printed data is legible.

4. Distribution: Not Applicable

1. Title: Local Dissemination Log (DID 05)

2. Description/Purpose: The Local Dissemination Log/Record is used to document voice dissemination of weather information.

3. Preparation Instructions:

3.1. When the contractor must disseminate weather information locally by voice, a record of these disseminations is documented on a Dissemination Log. The Dissemination Log shall contain the following information as a minimum:

- Product Type: Enter acronym for type of product being disseminated, e.g., SA, RS, L, WW, etc.
- Time (Z): Enter time ascribed to the product.
- Initials: Enter initials of person making the dissemination.
- Agency: Enter acronym for the agency the product is disseminated to. The number of Agency columns should be sufficient for all agencies normally requiring dissemination.
- Time (Z): Enter the time the product was disseminated to the agency.
- Initials: Enter initials of person receiving the product.
- Remarks: Enter remarks to explain any delays or non-deliveries, or other pertinent information.

3.2. Each page of the Local Dissemination Log shall have the Day/Month/Year the products were disseminated.

4. Distribution: Not Applicable

TECHNICAL EXHIBIT 5a

GOVERNMENT-FURNISHED FACILITIES

The Contractor shall perform weather observing duties from the Base Operations building at the CRTC. The Contractor will be provided an area of approximately 150 sq ft located in Base Operations which will be used for the observer and for the contract management office space.

TECHNICAL EXHIBIT 5b

GOVERNMENT FURNISHED EQUIPMENT

1. The National Weather Service maintains the following Government-furnished equipment:

Automated Surface Observing System (ASOS)

Aneroid Barometer (serial # 1211)

Kestrel (NK0840-426482)

Wet Bulb Temperature Kits (6665-01-381-3023) and Tripod (SACAR TR-2L).

8 inch ML-17 Rain Gauge

Thermometer

Sling Psychrometer

2 Psychrometric Calculators

Pressure Reduction Computer

2. The following is a list of the Government-furnished office furniture/equipment:

One desk

Two chairs

PERFORMANCE WORK STATEMENT

TAB B

BUCKLEY AFB, COLORADO

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SECTION C-1

GENERAL INFORMATION

1.1.1. The Buckley weather facility provides weather support services of surface weather observing, forecasting, aircrew briefing, and staff weather support to the 460th Space Wing (460 SW), 140th Wing (ANG), Army Aviation Support Facility (AASF), the Aerospace Data Facility (ADF), and other active duty and reserve components both on and off base.

1.2. HOURS OF OPERATION.

1.2.1. Normal Hours of Operation. The Contractor shall perform the services required under this contract during the following hours: **Observing/Forecaster:** 24 hours per day, 7 days per week, inclusive of Federal Holidays; The contractor will have one Meteorological Technician on duty at all times. The supervisor will be on duty 0700-1500L M-F and will have a floating schedule where he/she will be able to assist in the event of severe weather.

1.2.2. Emergency or Special Event Services: On occasion, the Contractor will be required to perform the forecasting tasks set forth in Section C-5 outside those normal hours of operation set forth above. This may entail an increase in the normal hours of operation (i.e., 0500L-2300L versus 0500L-1900L) up to and including 24 hours per day. The Contractor shall provide these services when required by the Contracting Officer or his authorized representative, at the contract line item price for these contingency services. The Contracting Officer or his authorized representative will provide notification of 24 hour per day support to the Contractor no later than 1630L the day prior to such requirement. In the case of extended services of less than 24 hours per day, attempts from the Contracting Officer will be made to notify the Contractor of such requirement prior to 1630L the day prior. However, such services may be required with little or no notice. Examples of situations requiring contingency support include, but are not limited to, exercises, surge requirements, disasters, accident and rescue operations, deployments, nighttime flying, and severe weather. Procedures for requesting Contracting Officer authorization to provide emergency or special event services are detailed in Section C-5.

1.2.2.1. The Contractor shall invoice for contingency services on a monthly basis commensurate with his normal monthly invoice for the basic weather services. Prior to submission of such invoice, the Contractor shall obtain certification of contingency support man-hours worked from the Contracting Officer or his authorized representative who authorized such services.

SECTION C-3

GOVERNMENT FURNISHED PROPERTY AND SERVICES

3.1. Security Police and Fire Protection. Security police and fire protection is available by calling 911.

3.1.2. Installation Mail Service. The official on-base mailing address for the Contractor is:

Base Weather
Stop 32
19210 E. Breckenridge Ave
Buckley AFB, Aurora, CO 80011

3.1.3. Emergency Medical Service. Emergency medical care is available by calling 911.

SECTION C-4

CONTRACTOR FURNISHED ITEMS/SERVICES

4.1. **GENERAL.** Except for those items or services specifically stated in section C-3 and in the Technical Exhibit as Government-furnished, the Contractor shall furnish everything needed to perform this contract according to all its terms.

4.2. **Contract Transition Materials Inventory.** Upon termination of the contract, the Contractor shall provide a 30-day stock level of materials and supplies needed to operate Government-furnished equipment.

4.3 **Follow-On Contract Familiarization Period.** During the last month of contract performance the Contractor shall provide 30-days transition orientation to the follow-on Contractor. The Contractor shall familiarize the follow-on Contractor's employees with the work site, work to be done, and conduct proficiency training in use of all equipment.

SECTION C-5

SPECIFIC TASKS

5. GENERAL. The Buckley weather facility provides weather support services of surface observing, forecasting (in the event of 25th OWS outage), weather radar, aircrew weather briefings, and staff weather support to units located on base. Such service includes but is not limited to, requests for flight planning weather, solar or lunar data, climatological information, and further weather outlooks. The weather supervisor is a member of the air traffic control board and the snow and ice control committee. The Contractor shall conduct weather briefings during flying safety meetings upon request.

5.1. Meteorological Services. The Contractor shall provide basic weather watch, surface weather observations, aircrew weather briefings, meteorological watch, weather warnings/advisories, and terminal forecasting. The forecasting and observing facilities are located in building 909. The official observation site is located approximately 35 feet from the southeast corner of building 909 in the vicinity of the rain gauge. These services shall be provided in conjunction with the 25th Operational Weather Squadron (OWS) as prescribed in the Memorandum of Agreement between 25th OWS and the 140th Operations Support Squadron.

5.1.1. Surface Weather Observations. All surface weather observations required during each hour shall be taken, recorded, encoded, and disseminated error-free using the codes and procedures prescribed in AFMAN 15-111. Any corrections shall be disseminated within 20-minutes of the original transmission time. If the next observation is transmitted within the 20-minute period and it corrects the incorrect element, the original observation will be considered error-free.

5.1.1.1. Local. Accurate and timely surface weather observations shall be disseminated locally as required by AFMAN 15-111 and 460SWI 15-101. (TE 4, CDRL 05, 06)

5.1.1.2. Longline. Accurate and timely surface weather observations shall be disseminated longline into the Automated Weather Network (AWN) via N-TFS and/or JET using the content and format required by AFMAN 15-111. (TE 4, CDRL 04)

5.1.1.2.1. Back-Up Calls. During N-TFS/JET outages the Contractor shall notify another unit not affected by the outage who will disseminate the surface weather observation into the AWN. The Contractor may also use JAAWIN to disseminate observations during N-TFS/JET outages.

5.1.1.3. Surface Weather Observing Records. The Contractor shall record accurate and legible surface weather observations on AF Form 3803 or 3813 as prescribed in AFMAN 15-111. The data recorded on AF Form 3803/3813 serves as the source to determine local and longline

dissemination accuracy. A duplicate copy of each AF Form 3803/3813 used to record surface weather observations shall be maintained in the weather station for the period specified in AFMAN 37-139. (TE 4, CDRL 02)

5.1.2. Meteorological Watch. Meteorological Watch shall be conducted as required by 460SWI 15-101.

5.1.2.1. Weather Watches, Weather Warnings (WW), and Weather Advisories (WA). Weather watches, WWs and WAs shall be issued, extended, and cancelled as prescribed in 460SWI 15-101, and MOA between 140th OSS and the 25th OWS. Weather warning and advisory criteria, lead-times, and notifications are also prescribed in 460SWI 15-101. (TE 4, CDRL 10, 11)

5.1.2.1.1. Each day the contract forecaster shall contact the 25th Operational Weather Squadron at Davis-Monthan AFB AZ not later than 60 minutes prior to the 25th OWS issuing the Buckley forecast. During this call the contract forecaster shall brief the 25th OWS forecaster on the meteorological conditions currently at Buckley AFB. This call shall be logged on a contractor-developed form as to the time of the call, the name of the 25th OWS forecaster, the initials of the contract forecaster, and any significant weather expected/discussed. The Contractor shall maintain a copy of this call log on file for a minimum of 90 days.

5.1.2.1.2. During periods of 25th OWS communications outages, the contract weather technician may be required to relay weather warning information to local Buckley AFB agencies if the 25th OWS is unable to do so.

5.1.2.2. Terminal Aerodrome Forecasts (TAFs)

5.1.2.2.1. TAFs shall be prepared by 25th OWS. In the event of a 25th OWS power outage the TAF will be prepared by the Buckley contracted weather technician.

5.1.2.2.2. The TAF is filed every 8 hours. The scheduled TAF file times are 000Z, 0800Z and 1600Z.

5.1.2.3. Mission Execution Forecasts (MEF's) The contractor shall tailor the current TAF issued by 25th OWS to meet each customer's mission requirements. This may be in the form of a flimsy, BWS Form 175-1, or other approved briefing format.

5.1.3. Flight Weather Briefings. The Contractor shall provide aircrew briefings and route forecasts as required by AFI 11-202, Volume 3 and document these briefings on DD Form 175-1 or another approved aircrew-briefing form. The Contractor shall provide or display pertinent weather charts as requested by aircrew members for flight weather briefings. The Contractor shall ensure all significant weather that may pose a hazard to aircraft operations is briefed to the aircrew. (TE 4, CDRL 14)

5.1.4. Barometry. Barometer comparisons will be completed semi-annually. Comparisons will be between the NTFS/JET and the backup Kestrel or Aneroid on a locally generated form.

5.1.5. Outage Reports. The Contractor shall monitor meteorological and communications equipment operational status and report all outages to the appropriate maintenance agency. All meteorological and communications equipment outages will be documented on an outage log. N-TFS equipment outages shall be documented IAW the N-TFS Contractor Logistic User's Manual. Jet equipment outages will be documented IAW the JET User Guide Manual and instructions. Equipment restoral priorities are documented in 460SWI 15-101. (TE 4, CDRL 03)

5.1.6. Data Deficiency Bulletins. The Contractor shall monitor and respond to Data Deficiency Bulletins received over the AWN as required by Air Force directives.

5.1.7. Pilot-To-Metro Service (PMSV). The Contractor operates a PMSV radio IAW 460SWI 15-101. The Contractor shall answer calls for assistance from aircrews within 15 seconds. All calls received shall be logged on a record or general-purpose form. The Contractor will solicit PIREPs from each airborne contact. All PIREPs received will be recorded on AF Form 3805, encoded IAW AFMAN 15-124, and disseminated via N-TFS/JET. All PIREPs received shall be disseminated locally and longline unless they repeat information contained in the most recent surface observation or are a duplicate of information from the same location within the past 30 minutes. (TE 4, CDRL 04, 05, 08, 12)

5.1.7.1. DOD Flight Information Publications (FLIP). The Contractor shall ensure their PMSV information is current and correctly described in the FLIP. The Contractor shall advise the Chief of Airfield Management in writing of changes to PMSV information as soon as the changes are known but no later than 5 days from the effective date of the change. The Contractor shall also review each applicable FLIP to determine changes in local and special observing criteria.

5.1.8. Staff Weather Briefings. Staff weather briefings shall be provided as specified in 460SWI 15-101.

5.1.9. Emergency or Special Event Support. The Contractor shall perform those tasks listed within this section appropriate to the support requested. For example, a severe weather support episode might require resource protection support (radar operation and weather warning/watch/advisory notification) but not TAF or flight weather briefing support. Whereas, increased operational flying support requirements might entail surface weather observation, TAF, and flight weather briefing support as well as resource protection support. The Contractor shall request, in writing, clarification from the Contracting Officer whenever he/she has a question as to the specific tasks to be performed in support of emergencies or special events. Emergency or special event support requests will be processed as in 5.1.9.1.

5.1.9.1. Processing of Emergency or Special Event Support Requests. Requests for weather support outside the normal hours of operation specified in paragraph 1.6.1, Section C-1 may

originate from a customer or be generated from within the BWS. Such requests must be approved, in advance whenever possible, by the Contracting Officer. If advance notice is not practical, the Contractor is still required to respond within 1 hour of notification and provide the appropriate support services. Requests can be classified as Routine, Very Short Notice, or No Notice. Reproducible copies of the "Request for Contingency Support" and "Certification of Contingency Hours Worked" forms will be provided to the Contractor and the Pre-performance Conference.

5.1.9.1.1. Routine Requests. Those requests submitted to the BWS more than 2 workdays prior to the start of the support. The customer must complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. The BWS supervisor will review the request, complete the 1st endorsement and forward it to the QAE at least 2 workdays prior to the start date of the support. The QAE will evaluate the request, complete the 2nd endorsement, and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given no later than 1630L the day prior to the requirement. If approved, the next regular workday following the provision of the support, the BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.9.1.2. Very Short Notice Requests. Situations may arise which allow only minimal time for coordination of a request. These requests will usually be 2 work days or less prior to the start of the support. As circumstances permit, the customer should complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. In those cases where circumstances do not allow for the customer to complete paragraph 1, the BWS supervisor will complete it (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and forward it to the QAE. The QAE will evaluate the request, complete the 2nd endorsement, and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given as soon as practical. If approved, the next regular workday following the provision of the support, the BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.9.1.3. No Notice Requests. A situation may arise, such as the threat of severe weather, which requires immediate support, but coordination with the Contracting Officer is not practical. The BWS supervisor will use their best judgment in providing any necessary support services. No later than the next regular work day following the support, the BWS supervisor will complete paragraph 1 (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and "Certification of Contingency Hours Worked" and forward it to the QAE. The QAE will complete the 2nd endorsement and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form.

5.1.9.1.4. Cancellations. In the event the requested support is canceled, the BWS supervisor shall complete "Certification of Contingency Hours Worked" certifying no hours were worked and an explanation why the support was canceled. This form shall be provided to the QAE no later than the next working day following the canceled support.

5.1.9.2. Billing. The Contractor shall invoice for approved emergency or special event support services on a monthly basis when the normal monthly invoice for basic weather services is submitted.

5.1.10. Non-weather Personnel Training. The Contractor shall provide weather orientation to air traffic control personnel and certify these personnel to take tower visibility observations as required by 460SWI 15-101.

5.1.11. Operational Reporting. Aircraft mishaps and severe weather occurrences require additional notification beyond local and longline dissemination. During normal duty hours the Contractor shall notify the 460 SW Command Post or the 140th Wing Command Post and the QAE when either of these events occur. The Contractor shall provide the observation at the time of the event, the forecast (if known) to include any weather warnings and/or weather advisories, and the status of the meteorological equipment.

5.1.11.1. Aircraft Mishap Notification. Upon observation or notification of an aircraft mishap the Contractor shall take, record, and disseminate an aircraft mishap observation according to AFMAN 15-111 and 460SWI 15-101. The Contractor shall also annotate the wind recorder chart and save the OPUP radar information.

5.1.11.2. Severe Weather. Upon occurrence of a tornado, winds 50 knots or greater (including gusts), or hail $\frac{3}{4}$ inch or greater on the installation, the Contractor shall prepare the Severe Weather Occurrence Worksheet and forward it to the 460 SW Command Post.

5.1.12. Forecast Product Quality. Due to unforeseen circumstances where the Buckley weather technician will have to issue a TAF, the Contractor shall maintain minimum standards for certain forecast products. These include weather warning capability and reliability, forecast weather advisory capability and reliability, TAF accuracy at a selected hour(s), use of TEMPO groups within the TAF, and timeliness of TAF amendments. Specific standards and how these will be determined are listed in the Performance Requirements Summary and Technical Exhibit 6.

5.1.13. Weather Radar. The Contractor shall monitor the OPUP for thunderstorms/severe weather and issue any appropriate weather warnings or advisories based on the radar information if the 25th OWS has not already done so. The Forecaster will then immediately call the 25th OWS to inform them that a WW/WA has been issued. Forecasters shall include radar information as part of any aircrew weather briefing. Radar operation shall be in accordance with Operator Handbooks and Air Force directives.

5.1.14. Climatic Data Sets. The Contractor shall maintain daily and monthly climatic records for temperatures, heating/cooling degree-days, precipitation, and winds. Copies of the monthly information shall be provided to supported customers. (TE 4, CDRL 15)

5.1.15. Data Requirements. The Contractor shall establish and maintain alphanumeric and graphic data requirements on the N-TFS/JET. These requirements shall be reviewed and updated at least annually or as directed by AFW.

5.1.16. Duty Priorities. A duty priority list shall be established and maintained in 460SWI 15-101. A copy of the list shall be posted near the forecast counter for customers to review.

5.1.17. Joint Use.

5.1.17.1. ADF/WE. The Contractor shall permit, on a non-interference basis, personnel from ADF/WE to use the facilities/equipment normally Monday - Friday. This shall not interfere with the Contractor performing his/her primary duties and responsibilities.

5.1.17.2. 140th OSS/DOW. The Contractor shall allow members of the 140 OSS/DOW to use the facilities on a non-interference basis on Unit Training Assembly weekends, and at other times agreed upon during the week.

5.1.18. Electro-Optic (EO) Support. The Contractor shall provide EO support when required by the 140th Wing. Support shall be provided using the current tactical decision aid (TDA), meteorological input, and 140th Wing input.

5.1.19. New Tactical Forecast System (N-TFS)/Joint Environmental Tool (JET) Manager Duties. The N-TFS/JET System Manager shall manage the systems operations. System manager duties include, but are not limited to providing training to new employees as necessary, modifying system tables, coordinating data requirements with AFWA and the AWN, creating plot models, database interaction/checks, event log processing, writing tape from queue, printing from tape, and tape operations. The System Manager shall ensure the equipment and circuit configuration is not altered without the consent of the maintenance agency or Air Force Weather N-TFS/JET Support Cell.

5.2. WEATHER SUPPORT COORDINATION. The weather support documents (460 SWI 15-101 and 25th OWS MOA) identify specific customer requirements. The Contractor shall use these weather support documents and applicable Government directives in the performance of this contract. At least annually the OPRs will coordinate their respective weather support documents with the customers, Contractor, and QAE.

SECTION C-6

Applicable Publications and Forms

6.1. The contractor shall maintain one copy of the publications listed below, either electronically via the appropriate AF web site or a printed copy. Supplements to the listed publications are required for the unit/customers supported.

6.1.2. FAA publications will be obtained electronically or through Base Operations.

6.2. The current edition of the publications listed below shall be used unless as specified in paragraph 6 of the basic PWS.

PUBLICATION	TITLE	MANDATORY ADVISORY
AFI 11-202,VOL 3	General Flight Rules	A
AFMAN 15-111	Surface Weather Observations	M
AFMAN 15-124	Meteorological Codes	M
AFMAN 15-128	Air and Space Weather Ops	M
	Roles and Responsibilities	
AFMAN 15-129	Air and Space Weather Ops	M
	Processes and Procedures	
AFMAN 23-110, Vol 2 Part 13	Standard Base Supply Customer's Procedures	A
AFI 37-160 Vol 7	AF Publications and Management Program	M
AFI 37-161	Distribution Management	M
AFI 64-106	AF Industrial Labor Relations	M
	Activities	
DODD 5500-7	Standards of Conduct	M
DODR 5220-22	Industrial Security Regulation	M
460 SWI 13-203	ATC/Flying/Airfield Operations Procedures	A
460 SWI 13-214	Primary/Secondary Crash Net System	A
460 SWI 15-101	Base Weather Support	M
25 th OWS	Memorandum of Agreement	M
AFWA/TN-98/002	Meteorological Techniques	M
AWS/TR-80/003	Calculating Toxic Corridors	A
FAA 7340.1	FAA Contractions	M
FAA 7350.7B	Location Identifiers	A

ICAO 7910	Location Identifiers	A
WSR-88D	WSR-88D Operator Handbook Set – Volumes 1-3	M
MOA	Interagency Operations of WSR-88D (2004)	A

DEPARTMENTAL FORMS

<u>AF FORMS</u>	<u>TITLE</u>	<u>MANDATORY ADVISORY</u>
126	Custodian Request Log	M
601	Equipment Action Request	M
2005	Issue/Turn-In Request	M
3803	Surface Weather Observations	M
3805	Pilot Report	M
3806	Weather Advisory Log	M
3807	Weather Watch/Warning Notification	M
3811	Quality Control Register	M
<u>DD FORMS</u>	<u>TITLE</u>	<u>MANDATORY ADVISORY</u>
175-1	Flight Weather Briefing	M

Technical Summary 1

PERFORMANCE REPORTS SUMMARY (PRS)

REQUIRED SERVICE	STANDARD	PERFORMANCE REQUIREMENT	METHOD OF SURVEILLANCE	MAXIMUM PAYMENT PERCENTAGE
RS 1; Take, record, encode, and disseminate accurate surface weather observations. Para C-5.1.1	During each hour, all required surface weather observations are taken, recorded, and encoded on AF Form 3803 or 3813 error-free. All observations are disseminated locally and longline error-free. All entries on AF Form 3803 or 3813 are legible and in chronological order.	PR: 1 defect. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	25%
RS 2; Disseminate timely surface weather observations. Para C-5.1.1	During each hour, surface weather observations must be disseminated locally and longline. Hourly observations between H+55-59; specials and locals within 5 minutes of occurrence.	PR: 1 defect. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	10%
RS 3; Report and document equipment and circuit outages. Para C-5.1.5	All equipment and circuit outages are documented on an outage log.	PR: 1 defect. LOT SIZE: All outages for the month.	100 Percent Checklist	10%
RS 4; Barometer Comparison	Barometer comparisons will be accomplished semi-annually to ensure backup equipment is within tolerance.		Semi-annually	N/A
RS 5; Transmit accurate and timely pilot weather reports (PIREPs). Para C-5.1.7	All PIREPs requiring dissemination are disseminated error-free within 10 minutes of receipt.	PR: 1 defect. LOT SIZE: All PIREPs for the month.	100 Percent Checklist	5%
RS 6; Transmit accurate and timely weather warnings (WW as required). Para C-5.1.2.1	Transmit all required WWs error-free. Issue all observed WWs within 5 minutes of occurrence.	PR: 0 defects. LOT SIZE: All WWs for the month.	100 Percent Checklist	5%
RS 7; Transmit accurate and timely weather advisories (WA), as required).	Transmit all required WAs error-free. Issue all observed WAs within 5 minutes of occurrence.	PR: 1 defect. LOT SIZE: All WAs for the month.	100 Percent Checklist	5%

Para C-5.1.2.1				
RS 8 TAF'S	As required			
RS 9; Provide accurate aircrew weather briefings. Para C-5.1.3	All aircrew weather briefing documents, DD Form 175-1 and local aircrew briefing logs, are error-free.	PR: 1 defect. LOT SIZE: All aircrew briefings for the month.	Random Sample	20%
RS 10; N/A				
RS 11; Submit Contract Data Requirements Tech Exhibit 4	All Contract Data Requirements are received not later than the time frames set forth in Technical Exhibit 4.	PR: 0 defects. LOT SIZE: All contract data requirements for the month.	100 Percent Checklist	10%

REQUIRED SERVICE	STANDARD	PERFORMANCE REQUIREMENT	METHOD OF SURVEILLANCE	MAXIMUM PAYMENT PERCENTAGE
RS 12; Facility Operation Tasks.	Perform the following tasks:	PR: 1 defect. LOT SIZE: Number of times the tasks were required each quarter.	100 Percent Checklist (Semi-annual)	10%
Para C-1.2.2.13 (Basic PWS)	Training Record Documentation: Training record on file for each employee. Training checklist and qualification documentation included in each record.			
Para C-1.2.4, C-6 (Basic PWS)	Publications/Forms Management: Mandatory publications/forms on hand (paper or electronic version).			
Para C-1.3.2 (Basic PWS)	Quality Control Inspections: Inspections performed and defects documented. A supervisor's summary of corrective actions included with the inspections.			
Para C-5.1.1.3	Surface weather observation records: A copy of all surface weather observation records (AF Form 3803/3813) shall be maintained in the weather station.			
Para C-5.1.7.1	Special and Local Weather Observation Criteria: FLIPs and Air Force directives reviewed for landing and takeoff weather criteria to ensure special and local observation criteria are current.			
Para C-5.1.15	Maintain Climatic Data Sets and provide copies to required customers.			
Para C-1.2.4 (Basic PWS)	Equipment Custodian Records: Required training received and documented. Records and transactions properly monitored and documented. Equipment inventoried when required.			
Para C-1.2.5, 1.2.6,(Basic PWS)	N-TFS and OPUP managers appointed in writing.			
Para C-5.1.7.1	Hours of weather station operation, services, and			

	limitations correctly reflected in the Flight Information Publications (FLIPs).			
Para C-5.1.10	Provide non-weather personnel training. Training program established and conducted as coordinated with customers.			

TECHNICAL EXHIBIT 2

WORKLOAD ESTIMATES

SERVICES	QUANTITY PER MONTH
Take, record, encode, and transmit accurate surface weather observations (METAR, SPECI, and LOCAL)	1200
Issue observed weather warnings	4
Issue observed weather advisories	10
Provide aircrew weather briefings	120
Answer PMSV Radio	30
Disseminate pilot weather reports	1
Document and report equipment/circuit outages	12
Staff weather briefings	12
Provide meteorological input to 25 th OWS	90
Train non-weather personnel	1 per quarter
Post climatic data set	1
Attend air traffic control meeting	1 per quarter

Removable Magnetic Storage Media management	4
Event log processing	2
Database interaction/checks	5
Manage and assist users of non-weather N-TFS functional areas	2
Barometer Comparison	Semi-annually

TECHNICAL EXHIBIT 3

MAPS AND AREA LAYOUTS

BASE WEATHER STATION

The Base Weather station is located next to Base Operations on the ground floor in the southeast corner of hanger #909.

TECHNICAL EXHIBIT 4

REQUIRED REPORTS

Data Item Number: 01

Title of Data Item: Contractor Quality Control Plan

Subtitle: QC Plan

Authority (DID Number): DID 01

Contract Reference: PWS Para 1.3

Requiring Office: ANG/A3OS

Frequency: Initially and as changes occur.

As of Date: At Pre-performance conference, then as of revision submission.

Date of First Submission: At Pre-performance conference

Date of Subsequent Submission: Final version by contract start date, then when changes occur.

Distribution: NGB-AQC-S: 1 regular copy; QAE: 1 repro copy

Remarks: None

Data Item Number: 02

Title of Data Item: Surface Observation Record

Subtitle: AF Form 3803 or 3813

Authority (DID Number): DID 02

Contract Reference: PWS Para 5.1.1.3

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy and 1 repro copy

Remarks: None

Data Item Number: 03

Title of Data Item: Equipment/Circuit Service Record

Subtitle: Outage Log

Authority (DID Number): DID 03

Contract Reference: PWS Para 5.1.6

Requiring Office: ANG/A3OS

Frequency: Monthly
As of Date: End of Month
Date of First Submission: 5 Nov 2010
Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.
Distribution: QAE: 1 regular copy
Remarks: None

Data Item Number: 04

Title of Data Item: Longline Dissemination Record
Subtitle: None
Authority (DID Number): DID 04
Contract Reference: PWS Para 5.1.1.2
Requiring Office: ANG/A3OS
Frequency: Monthly
As of Date: End of Month
Date of First Submission: 5 Nov 2010
Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.
Distribution: QAE: 1 regular copy
Remarks: None

Data Item Number: 05

Title of Data Item: Local Dissemination Record
Subtitle: None
Authority (DID Number): DID 05
Contract Reference: PWS Para 5.1.1.1
Requiring Office: ANG/A3OS
Frequency: Monthly
As of Date: End of Month
Date of First Submission: 5 Nov 2010
Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.
Distribution: QAE: 1 regular copy
Remarks: None

Data Item Number: 06

Title of Data Item: Local Dissemination Log
Subtitle: None
Authority (DID Number): DID 06
Contract Reference: PWS Para 5.1.1.1
Requiring Office: ANG/A3OS
Frequency: Monthly
As of Date: End of Month
Date of First Submission: 5 Nov 2010
Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.
Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 07

Title of Data Item: Barometer Comparison

Subtitle: AF Form 3801

Authority (DID Number): DID 07

Contract Reference: PWS Para 5.1.4

Requiring Office: ANG/A3OS

Frequency: Semi-annually or when required by AFMAN 15-111.

As of Date: When required by AFMAN 15-111.

Date of First Submission: Upon completion of first standardization after contract start date.

Date of Subsequent Submission: Submit NLT 5th workday of the month following as of date.

Distribution: QAE: 1 repro copy

Remarks: None

Data Item Number: 08

Title of Data Item: Pilot Report (PIREP)

Subtitle: AF Form 3805

Authority (DID Number): DID 08

Contract Reference: PWS Para 5.1.7

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 09

Title of Data Item: Wind Recorder Record (No longer applicable but may be in future).

Subtitle: None

Authority (DID Number): DID 09

Contract Reference:

Requiring Office:

Frequency:

As of Date:

Date of First Submission:

Date of Subsequent Submission:

Distribution: QAE:

Remarks: None

Data Item Number: 10

Title of Data Item: Weather Watch/Warning Notification

Subtitle: AF Form 3807

Authority (DID Number): DID 10

Contract Reference: PWS Para 5.1.2.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 11

Title of Data Item: Weather Advisory Log

Subtitle: AF Form 3806

Authority (DID Number): DID 11

Contract Reference: PWS Para 5.1.2.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 12

Title of Data Item: Pilot-To-Metro-Service (PMSV) Log

Subtitle: None

Authority (DID Number): DID 12

Contract Reference: PWS Para 5.1.7

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 13

Title of Data Item: TAF Worksheet (AS REQUIRED)

Subtitle: None

Authority (DID Number): DID 13

Contract Reference: PWS Para 5.1.2.2.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 14

Title of Data Item: Flight Weather Briefing Form

Subtitle: DD Form 175-1 and Contractor-developed verbal briefing log.

Authority (DID Number): DID 14

Contract Reference: PWS Para 5.1.3

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 15

Title of Data Item: Monthly Climatic Summary

Subtitle: None

Authority (DID Number): DID 15

Contract Reference: PWS Para 5.1.14

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: See DID 03 for customer distribution; QAE: 1 repro copy.

Remarks: None

1. Title: Contractor Quality Control Plan (DID 01)

2. Description/Purpose: This document outlines the contractor's quality control requirements and procedures required by this contract. The plan contains the specific details of how the contractor performs quality control to ensure the standards for products and services under this contract are met. The QAE periodically reviews the contractor's quality control plan documentation to determine compliance and implementation and to assess the effectiveness of quality control policies and procedures.

3. Preparation Instructions:

3.1 The contractor shall provide a quality control plan to the contracting officer as prescribed in Section C-1, paragraph 1.3 and whenever changes occur.

4. Distribution: Not Applicable

1. Title: Surface Observation Records (AF Form 3803 or 3813) (DID 02)
2. Description/Purpose: Used to record the weather observation for the station. Observation types include METAR (SA or M), SPECI (SP or S), and Local (L). The AF Form 3803 or 3813 is the official source document for weather conditions at the station. Data recorded on the form is used for climatological studies and aircraft accident investigations.
3. Preparation Instructions:
 - 3.1 The Contractor shall chronologically record surface weather observations on an electronic AF Form 3803 or 3813 that has been approved for use by the Air Force Combat Climatology Center(AFCCC). The Contractor shall follow the procedures detailed in AFMAN 15-111 for recording and encoding. All AF Form 3803 or 3813 entries must be legible on both the original and the reproduced copy.
 - 3.2 The original electronic AF Form 3803 or 3813 shall be forwarded each month to AFCCC in accordance with AFCCC instructions. One reproduced copy of each AF Form 3803 or 3813 for the first through the last day of the month shall be forwarded to the QAE.
4. Distribution: Not Applicable

1. Title: Weather Equipment/Communications Outage Record (DID 03)
2. Description/Purpose: Used to depict a chronology of equipment and circuit problems and to document actions taken to resolve these outages.
3. Preparation Instructions:
 - 3.1 The contractor documents and reports weather equipment, communications equipment, and circuit outages as required by PWS paragraph 5.1.6.
 - 3.2 The Weather Equipment/Communications Outage Record shall include, as a minimum, the following information:
 - Circuit identification or equipment type
 - DATE/TIME (Z) of the outage (All outages recorded chronologically)
 - DATE/TIME (Z) maintenance was notified
 - Job Control or Work Order Number if assigned
 - Initials of maintenance person receiving the outage report
 - DATE/TIME (Z) when circuit was restored or equipment was repaired
 - Remarks (Fully explains the outage, projected restoral date, corrective actions, and/or FOLLOWUP status)
 - Initials of person recording the entries
 - 3.3 Document FOLLOWUP status checks on a separate line. Use the term FOLLOWUP to indicate the status check, refer to the original job control/work order number, include time of status check, and document in remarks any changes concerning restoral.
 - 3.4 Make daily FOLLOWUP contacts on outage lasting 24 hours or longer. Daily FOLLOWUP calls are not required if the maintainer provides a projected restoral date. If the outage is not corrected by the projected date, FOLLOWUP calls are required daily unless a new projected restoral date is established by the maintainer.
4. Distribution: Not Applicable

1. Title: Longline Dissemination Records (DID 04)

2. Description/Purpose: A printed copy of weather data transmitted longline via N-TFS/JET into the Automated Weather Network. The printout is used to confirm dissemination and to quality control the accuracy of products.

3. Preparation Instructions:

3.1 The contractor shall encode and transmit weather data as required by AFMAN 15-111, AFMAN 15-124, AFI 15-128, and 460SWI 15-101.

3.2 Using the N-TFS/JET, the station shall print a hard copy of all longline transmissions and the view screen used to select the pertinent transmissions. Each day's printout shall cover the period midnight local standard time to midnight local standard time. Enter the day/month/year on all printouts.

4. Distribution: Not Applicable

1. Title: Local Dissemination Records (DID 05)

2. Description/Purpose: A printed copy of weather data disseminated to local customers via the N-TFS/JET(Joint Environmental Toolkit).

3. Preparation Instructions:

3.1 The contractor shall locally disseminate weather information as required by AFMAN 15-111 and the Buckley weather support document (460SWI 15-101). This printout shall be a continuous record of all observations in the chronological sequence they were transmitted.

3.2 The station will print a hard copy of all local disseminations, and the view screen used to select the pertinent transmissions, to cover the period midnight local standard time to midnight local standard time. Enter the day/month/year on all printouts.

4. Distribution: Not Applicable

1. Title: Local Dissemination Log (DID 06)

2. Description/Purpose: The Local Dissemination Log/Record is used to document voice dissemination of weather information.

3. Preparation Instructions:

3.1 When the contractor must disseminate weather information locally by voice, a record of these disseminations is documented on a Dissemination Log. The Dissemination Log shall contain the following information as a minimum:

- Product Type: Enter acronym for type of product being disseminated, e.g., SA, M, L, TAF, WW, WA, etc.
- Time (Z): Enter time ascribed to the product.
- Initials: Enter initials of person making the dissemination.
- Agency: Enter acronym for the agency the product is disseminated to. The number of Agency columns should be sufficient for all agencies normally requiring dissemination.
- Time (Z): Enter the time the product was disseminated to the agency.
- Initials: Enter initials of person receiving the product.
- Remarks: Enter remarks to explain any delays or non-deliveries, or other pertinent information.

3.2 Each page of the Local Dissemination Log shall have the Day/Month/Year the products were disseminated.

4. Distribution: Not Applicable

1. Title: Barometer Standardization (DID 07)

2. Description/Purpose: Used to document all backup barometer comparisons between the NTFS/JET and Kestrel required by AFMAN 15-111. Provides historical case file documentation required for all aneroid barometers.

3. Preparation Instructions:

3.1 The contractor shall perform barometer standardizations and document the comparisons on a locally generated form.

4. Distribution: Not Applicable

1. Title: Pilot Report (PIREP) – AF Form 3805 (DID 08)
2. Description/Purpose: AF Form 3805 is used to record the receipt and dissemination of PIREPs. The form is also used to arrange the pilot reported information into transmission format.
3. Preparation Instructions: The contractor shall record PIREPs on AF Form 3805 following the procedures for encoding and dissemination in AFMAN 15-124.
4. Distribution: Not Applicable

1. Title: Wind Recorder Records (DID 09)
2. Description/Purpose: No longer applicable (but may be in the future)

1. Title: Weather Watch/Warning Notification and Verification (AF Form 3807) (DID 10) As Required
2. Description/Purpose: The AF Form 3807 records the text and valid period of weather warnings and watches for a specific area. It also documents dissemination of warning and watch information to requiring agencies.
3. Preparation Instructions:
 - 3.1 The contractor shall prepare, disseminate, and document issuance, correction, amendment, extension, and cancellation of weather watches and warnings as required by AFMAN 15-125, AFI 15-128, and 460SWI 15-101. All actions (issuance, correction, amendment, extension, or cancellation) shall be documented in the Dissemination Section of the AF Form 3807. The pertinent action along with the time (z) and forecasters initials shall be recorded in this section, e.g. COR 2208Z JB or CANX 1743Z KC.
 - 3.2 Each watch and warning shall clearly indicate the watch or warning number, areal coverage, valid period, and text. Only one watch and one forecast warning may be in effect at the same time, however, each may have one or more phenomena indicated, e.g. a watch for ~~“tornadoes”~~ and ~~“severe thunderstorms”~~ or a warning for ~~“winds > 50 kts and heavy snowfall of 2 inches or more.”~~ A warning for observed lightning conditions within 5 miles may be in effect at the same time as a forecast warning.
 - 3.3 All objective warnings shall be verified as to the time of first occurrence, lead-time, and timing error. Verification data shall be obtained from official records, e.g. weather observation records (AF Form 3803/3813), wind records, etc. Subjective warnings (heavy snow or rain) and all watches do not require objective verification, however, comments concerning the goodness of the product should be recorded in the Remarks section, e.g. ~~“2 inch snowfall observed at 0414Z.”~~
 - 3.4 All warnings shall be reflected in the terminal aerodrome forecast (TAF) as to the phenomena, intensity, onset time, and duration.
 - 3.5 Warnings which upgrade weather advisory criteria for the same phenomena, e.g. winds, shall contain a remark in the text which indicates the warning has superceded the advisory and the advisory is no longer in effect.
4. Distribution: Not Applicable

1. Title: Weather Advisory Log (AF Form 3806) (DID 11) (As Required)
2. Description/Purpose: The AF Form 3806 records the text, valid period, and dissemination of weather advisories.
3. Preparation Instructions:
 - 3.1 The contractor shall prepare, disseminate, and document issuance, correction, amendment, extension, and cancellation of weather advisories as required by AFMAN 15-125, AFI 15-128, and 460SWI 15-101. All actions (issuance, correction, amendment, extension, or cancellation) shall be documented in the Dissemination Section of the AF Form 3806. The pertinent action along with the time(z) and forecaster's or observer's initials shall be recorded in this section, e.g. COR 2208Z JB or CANX 1743Z KC. All observed advisories shall be cancelled when the phenomena is no longer occurring.
 - 3.2 Each advisory shall clearly indicate the areal coverage, valid period, and text. Two or more advisories may be in effect at the same time, e.g. ~~low~~ "low level wind shear" and ~~cross-winds~~ "cross-winds GTE 25 knots".
 - 3.3 All objective forecast advisories shall be verified as to the time of first occurrence, lead-time, and timing error. Verification data shall be obtained from official records, e.g. weather observation records (AF Form 3803/3813), wind records, etc. Forecast advisories issued for criteria occurring before station operating hours (within 1 hour) shall be considered occurring ~~at~~ "at opening" and do not require lead-time and timing error computations. Subjective advisories (low level wind shear) and observed advisories do not require verification, however, comments concerning the goodness of the product should be recorded in the Remarks section, e.g. ~~pilot~~ "pilot reported wind shear on final at 1347Z."
 - 3.4 All forecast advisories shall be reflected in the TAF as to the phenomena, intensity, onset time, and duration.
4. Distribution: Not Applicable

1. Title: Pilot-to-Metro-Service (PMSV) Log (DID 12)
2. Description/Purpose: The PMSV log is used to record radio contacts with:
 - 2.1 Pilots and their requests for weather information.
 - 2.2 Airborne or on-ground aircrews or with ATC Tower personnel to check the operation of the radio.
3. Preparation Instructions:
 - 3.1 The contractor shall record PMSV contact, including daily radio checks, on a contractor-developed form.
 - 3.2 The PMSV log shall include at least the following information:
 - DATE/TIME (Z) of the contact
 - Aircraft Call Sign or Tail Number
 - Information provided to the aircrew/pilot
 - Any information/remarks received from the aircrew/pilot
 - The initials of the person receiving the contact
 - 3.3 The contractor shall perform a PMSV radio check each day and document this check on the log. This check, which is made to assure the radio's operation, may be with any aircraft or ATC facility, e.g., Control Tower.
4. Distribution: Not Applicable

1. Title: Terminal Airdrome Forecast (TAF) Worksheet (DID 13) AS REQUIRED

2. Description/Purpose: Used to record/document data elements of a terminal forecast and to encode the forecast for dissemination.

3. Preparation Instructions:

3.1 The contractor shall prepare on TAF worksheet for each scheduled TAF. All amendments (AMD) for each scheduled TAF should be included on the worksheet. Additional sheets may be attached as necessary.

3.2 Internal completion requirements will be at the discretion of the contractor according to contractor developed instructions/SOPs. The TAF and all TAF AMDs shall be recorded, encoded, and disseminated using the TAF code specified in AFMAN 15-124 and 460SWI 15-101.

3.3 The TAF shall be disseminated locally and longline via N-TFS/JET. If the N-TFS/JET is not operational, backup procedures, e.g. telephone, shall be used. When disseminating the TAF or TAF AMDs locally by phone, a record of this dissemination shall be recorded on the Local Dissemination Log.

3.4 If an N-TFS/JET printout of any TAF or TAF AMD is not available, the complete TAF, including all CORs and AMDs, shall be written on the TAF worksheet.

3.5 If an amended TAF is corrected (COR), both the AMD time and the COR time shall be appended to the last line of the TAF, e.g. AMD 1508 COR 1515.

4. Distribution: Not Applicable

1. Title: Flight Weather Briefing Forms (DD Form 175-1 and Local Aircrew Briefing Log) (DID 14)
2. Description/Purpose: These forms are used to document flight weather briefings.
3. Preparation Instructions:
 - 3.1. The contractor shall document all flight weather briefings on a Local Aircrew Briefing Log or DD Form 175-1.
 - 3.1.1. The Local Aircrew Briefing Log shall include as a minimum, the following information:
 - Aircraft Type
 - Aircraft Call Sign or Tail Number
 - Departure ICAO/ETD (Z)
 - Destination ICAO/ETA (Z)
 - Significant/Hazardous weather anywhere along the route to include thunderstorms, turbulence, icing, and any locally issued weather warnings or advisories valid within 1 hour of ETD.
 - Weather briefed time (Z)
 - Initials of forecaster providing the briefing
 - 3.1.2. The DD Form 175-1 shall be completed in accordance with the following instructions:
 - 3.1.2.1. The forecaster shall use the most recent data available to brief aircrews. As a general rule, the forecaster shall brief all hazards within 25 miles either side of the route and within 5000 feet of the planned flight level.
 - 3.1.2.2. The following general guidance applies to DD Form 175-1 entries:
 - 3.1.2.2.1. All entries on the form plus all attachments to the form must be legible.
 - 3.1.2.2.2. Only contractions and abbreviations from the Contractions Manual (FAA 7340.1) or Air Force Weather series publications (AFMAN 15-111, AFMAN 15-124, etc.) shall be used on the form.
 - 3.1.2.2.3. All times are in four digits in reference to Coordinated Universal Time (UTC) - also know as "Zulu" time.
 - 3.1.2.2.4. All heights are in three digits in hundreds of feet. Surface level identified as "SFC."
 - 3.1.2.2.5. Any changes to the form after the initial briefing has been completed, i.e. updates, shall be in made green pen or pencil.
 - 3.1.2.3. Entries in the following blocks are mandatory:

Block 1 (Date): Enter the year, month , day. The day shall correspond to the departure time in block 3.
Example: 990723.

Block 2 (AcfT Type/No.): Enter aircraft type from Contractions Manual and the tail number or call sign.
Examples: F16/Viper 22, KC35/021.

Block 3 (Dep Pt/ETD): Enter the departure point ICAO identifier and estimated time of departure. Examples: BKF/1321, MTC/2253.

Block 9 (Sfc Wnd): Enter wind direction in three digits (magnetic direction for local briefings, true direction for remote briefings), wind speed in two digits, and wind character (Gust) if applicable. Suffix magnetic wind directions with "M", true wind directions with "T". Enter "VRB" for variable wind direction and "Calm" for calm winds. If either VRB or Calm are used, suffixing with the "M" or "T" is not required. Examples: 32005M,

31010G15T, VRB05, CALM. Wind information should be consistent with weather warnings or advisories identified in Block 11.

Block 11 (Local Weather Warning/Advisory): Enter any local weather warnings or weather advisories valid \pm 1 hour of departure. Either the warning/advisory number or the actual phenomena may be entered. Examples: WW03-02, Wnds 25G40, FWA 12-013, Ltng W/I 5nm.

Block 12 (RCR): Enter the most recent runway condition reported by Base Operations. If Base Operations is closed and RCR reporting conditions exist, enter RCRNR or Not Available. Examples: DRY, WET, Not Avail, IRPSR10 P DRY, SLRPSR 12 WET.

Block 14 (Flt Level): Enter the planned MSL flight level(s). Examples: 070, 350.

Block 15 (Flt Level Winds/Temp): Enter wind direction in two digits to the nearest ten degrees and wind speed to the nearest 5 knots. Enter temperatures in degrees Celsius with the appropriate algebraic sign "+" or "-" preceding the temperature. Use a representative wind and temperature for the entire route. If significant differences exist, break the route into legs and provide a forecast wind/temp for each leg. If two or more flight levels are planned, ensure the winds/temps for each respective flight level are clearly identified. If a computer flight plan (CFP) or computer prepared wind charts are used, enter "See attached CFP" or "See attached wind chart" in this block. If a wind chart is used, it must be the closest altitude normally available for the flight level, e.g. FL 170 would use a 500mb chart. Attached wind charts must clearly identify the altitude and valid time of the chart in the legend. Examples: 2625/+02, 3180/-41, Flt Lvl 180 2450/-16; Flt Lvl 300 2775/-38, BKF-RCA 3045/-22; RCA-BLV 2365/-25.

Block 21 (Thunderstorms): Enter applicable Military Weather Advisory number or date/time of product used and check applicable blocks. Enter the geographical location of thunderstorms that may affect the flight. Also enter the maximum tops of the thunderstorms behind the appropriate aerial coverage. Examples: MWA 13B, NONE; MWA 24C, Isolated checked - MT 420, Location CO-KS; MWA 03A, Few checked - MT 480, Location Ovr Mtns UT.

Block 22 (Turbulence): Enter date/time group of the turbulence forecast used. Check applicable intensity/type blocks; enter levels and geographic locations of turbulence (not associated with thunderstorms). Examples: CAT Advisory 04/2200, NONE; CAT Advisory 11/1000, Mod In Clear, Levels 180-240, Location OK-LA; CAT Advisory 25/2200, a - Light In Clear/In Cloud, b - Mod In Clear/In Cloud, Level a=220-250, Level b=250-300, Location Mtns WY-MT; CAT Advisory 29/1000, Light In Clear, Levels SFC-080, Location Entire Route.

Block 23 (Icing): Check applicable intensity/type blocks; enter levels and geographic locations of icing (not associated with thunderstorms). Examples: Light Rime, Levels 100-150, Location Great Lakes; a - Light Rime/Light Mixed, b - Mod Rime, Levels a=150-180, b=100-150, Locations a=OK-TX, b=LA-FL; Svr Clear, Levels SFC-070, Location CO.

Block 24 (Precipitation): Check applicable intensity/type blocks and enter geographic locations of precipitation (not associated with thunderstorms). This block is for precipitation encountered at flight level, not on the surface. If an aircraft is at or above flight level 200, they would most likely not encounter any precipitation because the temperature is too cold. Examples: Lt Rain, Location AL-GA; Shwrs Snow, Location CO-NM; Heavy Snow, Location Northern NV.

Block 25 (Airdrome): Enter the ICAO identifier for each destination and alternate. Indicate whether the airdrome is a destination or alternate. For Army multi-stop missions, enter "A/S" (for "all stops") where the terminal forecast for all stops is similar. Examples: Dest COS, Altn BKF, Dest CYZR.

Block 26 (Cloud Layers): Enter the lowest prevailing conditions expected during the valid period. Enter TEMPO group conditions on the next line. For Army "A/S", enter the worst condition and identify the location. Use the same code as the one used to record weather observations at the destination. Any pertinent remarks for arrival,

e.g. Lgt TURBC SFC-030, Temp, PA, etc., may be made on the line immediately below the sky condition or referenced to block 33 (Remarks). Examples: SKC; SCT030 BKN100 OVC250; FEW000 SCT005 OVC010; VV002; SCT025 SCT120, TEMPO BKN025.

Block 27 (Vsby/Wea): Enter the lowest prevailing conditions expected during the valid period. Enter TEMPO group conditions on the next line. For Army "A/S", enter the worst condition and identify the location. Use the same code as the one used to record weather observations at the destination. Examples: 5-RA BR; 1/2 FG; 7 TEMPO 2 SHSN; 7-SN; 4800 HZ.

Block 28 (Sfc Wind): Enter wind direction in three digits (magnetic direction for your own airfield if there are no other stops, true direction for all other airfields), wind speed in two digits, and wind character (Gust) if applicable. Suffix magnetic wind directions with "M." Enter "VRB" for variable wind direction and "Calm" for calm winds. If either VRB or Calm is used, suffixing with the "M" is not required. Enter TEMPO group conditions on the next line. For Army "A/S" missions enter the highest wind speed expected and identify the location. Examples: 17008; 23010G18(M); VRB05; 35012 TEMPO 01020G30.

Block 29 (Altimeter): Enter the lowest altimeter setting expected during the valid period. Altimeter entries are in four digits and prefixed with an "A." For Army "A/S" missions enter the lowest value expected en route and identify the location. Examples: A2997; A2982 (FCS).

Block 30 (Valid Time): Enter the valid time as 1 hour either side of estimated time of arrival (ETA). For flights less than 1 hour, make the first entry the same as ETD. For Army, enter the ETA plus 1 hour. For "A/S" missions, entries are based on first destination ETA to the last stop ETA plus 1 hour. Examples: 2330Z to 0130Z; 1515Z to 1645Z (flight less than 1 hour); 1400Z to 1810Z (A/S flight).

Block 33 (Remarks): Enter any other significant data for the flight; for example:

- Data for which there was insufficient space in other blocks (refer to the appropriate block)
- Comments and remarks on terminal forecasts.
- Icing and turbulence on letdown to destination (enter location, type, intensity, and level(s)).
- Forecasts for Air Refueling and Training Ranges. Specify the AR track or Training Range Name, flight level, bases and tops of cloud layers within 5000 feet of the flight level, visibility in and out of clouds, flight level winds, any flight level hazards, and the valid time for the AR or Range. Examples: AR321/FL 210
180 BKN 230 Vsby ½ in cloud/7 outside Wind 2745 Lgt Turbc 150-250 Valid 1530-1700Z; KIT MOA/FL 100
120 SCT 150 Vsby 7 Wind 3320 ISOLD TSTMS Tops 350 Valid 2100-2200Z. NOTE: Air refueling and training range forecast information may be placed on a separate sheet or approved form and attached to the DD Form 175-1 in lieu of placing the data in the Remarks block.

Block 34 (Wea Briefed): Enter the time the briefing was completed. This time must be before the ETD in block 3.

Block 36 (Forecaster's Signature or Initials): Enter a legible name or initials. If a trainee presents the briefing, the qualified forecaster trainer must also enter their name or initials.

Block 37 (Void Time): (Army and Navy ONLY) For Army missions, add 1 hour and 30 minutes to the Weather Briefed Time (block 34) and enter the result. For Navy missions, add 30 minutes to the ETD (block 3) and enter the result, however, this result can not be more than 2 hours and 30 minutes after the Weather Briefed Time (block 34) or if applicable, the Weather Rebriefed Time (block 39). Examples: Army, 0015 (block 34 was 2245Z); Navy, 1530 (block 3 was 1500Z); Navy, 2240 (block 3 was 2220Z, block 34 was 2010Z).

Block 41 (Name of Person Receiving Briefing): (Remote Briefings Only) Enter the name and rank or grade of the person receiving the briefing.

3.1.2.4. Entries in all other blocks are optional unless the aircrew member requests it. If any entry is made in an optional block, it must conform to the basic guidance listed above, e.g. use only authorized contractions/abbreviations, enter time in four digits, etc.

3.1.2.5. Entries between blocks must be consistent. Some examples are: If a weather warning or advisory for surface winds is indicated in block 11, the surface wind forecast in block 9 or a TEMPO condition in block 13 should have speeds/gusts equal to the warning or advisory criteria. If thunderstorms are forecast at several destinations or alternates, block 21 must have an entry other than "NONE." A temperature in block 4 at or below freezing would force the minimum freezing level in block 20 to be "SFC." A minimum ceiling indicated in block 18 must be equal to or less than a ceiling for any destination or alternate in block 26. If a phenomenon is forecast for the "entire route", it should be reflected for departure and all destinations/alternates as well, otherwise more precise locations should be indicated in the Enroute Data section and the phrase "entire route" not used.

4. Distribution: Not Applicable

BRIEFING RECORD

WEATHER BRIEFED TIME. Enter time the briefing was completed. Prefix with ~~E~~" for fax or phone briefings.

FLIMSY BRIEFING NUMBER. Use format of ~~mm~~-dd/Acft Call Sign" (e.g. 03-12/AUTO71).

FORECASTER'S INITIALS. Enter legible initials of forecaster providing briefing.

NAME OF PERSON RECEIVING BRIEFING. (Remote Briefings only). Enter name and grade.

VOID TIME (Army, Navy/Marines Only). Army: Add 1:30 to the entry in ~~Weather Briefed~~" and enter it in this block. Navy/Marines: Void time of the brief will not exceed 1/2 hour past ETD or 2 hours from the time entered under ~~Weather Briefed~~" or ~~Weather Restricted~~."

EXTENDED TO/INITIALS (Army, Navy/Marines Only). When an Army or Navy/Marine pilot asks for an extension, recheck all weather entries, rebrief, and make required changes in green. Army: Add 1:30 to the new ~~Weather Briefed~~" time and enter it in this block. Navy/Marines: Enter time of extension of the briefing ~~void time~~" as appropriate, indicated above.

WEATHER REBRIEF TIME/INITIALS (not required for Army, Army equivalent is ~~extended to~~" entry). If weather is rebriefed, make changes to original weather entries in green, and enter the time the rebriefing was completed, and forecaster initials.

WX DEBRIEF TIME/INITIALS. Enter time and initials of the forecaster providing the debriefing upon completion of the mission.

3.1.2.1. If an entry is made in a block, it must conform to the basic guidance listed above.

3.1.2.2. Entries between blocks must be consistent.

4. Distribution: Not Applicable

1. Title: Monthly Climatic Summary (DID 15)
2. Description/Purpose: Used to record monthly climatological information.
3. Preparation Instructions:
 - 3.1 The daily climatic record shall consist of entries for the following:
 - Temperatures (Daily maximum, minimum, and mean – to the nearest whole degree)
 - Cumulative total heating degree-days and cooling degree-days – using a baseline of 65 degrees Fahrenheit.
 - Precipitation (water equivalent to nearest .01 inches, snowfall to the nearest .1 inch, and snow depth to nearest inch)
 - Maximum wind speed and direction (latest occurrence if there are two or more occurrences during one day)
 - Thunderstorm occurrence (entry required only on days when a thunderstorm occurred)
 - 3.2 The monthly climatic record shall consist of the following:
 - Temperatures (Extreme maximum, extreme minimum, average maximum, average minimum, and average mean)
 - Precipitation (Total water equivalent, total snowfall, extreme 24-hour water equivalent and snowfall, maximum snow depth)
 - Maximum wind speed
 - Total number of thunderstorm days
 - 3.3 The annual climatic record shall consist of the following:
 - Temperatures (Extreme maximum and extreme minimum)
 - Total heating degree-days and total cooling degree-days
 - Precipitation (Total water equivalent, total snowfall, extreme 24-hour water equivalent and snowfall)
 - Maximum wind speed
4. Distribution: The contractor shall provide the following customer one copy each of the monthly and annual climatic summaries:

ADF/WE

140 SPTG/CE

TECHNICAL EXHIBIT 5a**GOVERNMENT FURNISHED FACILITIES**

1. The Government will furnish the Contractor the following facility:

<u>BUILDING NUMBER</u>	<u>ROOM #</u>	<u>TYPE BUILDING</u>	<u>SQUARE FEET</u>
909	100	Base Weather Station	1006

TECHNICAL EXHIBIT 5b**GOVERNMENT FURNISHED EQUIPMENT**

<u>STOCK NUMBER</u>	<u>NOMENCLATURE</u>	<u>QUANTITY</u>
6660 PMSOPUP	Open-System Principle User Processor (OPUP) Weather Radar	1
6660-PAN/FMH-2	New Tactical Forecaster System (NTFS)	1
	NTFS Single Server	1
	NTFS-D-1H Terminal	1
	NTFS-D-2H Terminal	1
	Network Printer	1
6660-01-501-1173	AN/FMQ-19	1
6660-00-223-5073	ML-102 Aneroid Barometer	1
5895-00-505-0609	Pilot to Metro Service Radio	1
	HP 6L Laserjet Printer	2
	ML-17, Rain Gauge	1
	Desks	2
	Chairs	3
	Metal Filing Cabinet	1
	Zulu Clock	1

PERFORMANCE WORK STATEMENT

TAB C

KINGSLEY FIELD OREGON

SECTION C

KINGSLEY FIELD OREGON

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GENERAL INFORMATION

1.1.1. The Kingsley Field weather facility provides surface weather observing and staff weather support to the 173rd Fighter Wing (ANG) and the 270th Air Traffic control Squadron (ATCS).

1.2. HOURS OF OPERATION.

1.2.1. Normal Hours of Operation. The Contractor shall perform the services required under this contract during the following hours: 16 hours per day (0600-2200 Local Time), 7 days per week, inclusive of Federal Holidays

1.2.2. Emergency or Special Event Services: On occasion, the Contractor will be required to perform the forecasting tasks set forth in Section C-5 outside those normal hours of operation set forth above. This may entail an increase in the normal hours of operation (i.e., 0500L-2300L versus 0600L-2200L) up to and including 24 hours per day. The Contractor shall provide these services when required by the Contracting Officer or his authorized representative, at the contract line item price for these contingency services. The Contracting Officer or his authorized representative will provide notification of 24 hour per day support to the Contractor no later than 1630L the day prior to such requirement. In the case of extended services of less than 24 hours per day, attempts from the Contracting Officer will be made to notify the Contractor of such requirement prior to 1630L the day prior. However, such services may be required with little or no notice. Examples of situations requiring contingency support include, but are not limited to, exercises, surge requirements, disasters, accident and rescue operations, deployments, nighttime flying, and severe weather. Procedures for requesting Contracting Officer authorization to provide emergency or special event services are detailed in Section C-5.

1.2.3. The Contractor shall invoice for contingency services on a monthly basis commensurate with his normal monthly invoice for the basic weather services. Prior to submission of such invoice, the Contractor shall obtain certification of contingency support man-hours worked from the Contracting Officer or his authorized representative who authorized such services.

SECTION C-3

GOVERNMENT-FURNISHED PROPERTY AND SERVICES

3.2.1. **Installation Mail Service.** The official on-base mailing address for the Contractor is:

WEATHER
KINGSLEY FIELD
2 TAXIWAY NORTH SUITE 28
KLAMATH FALLS OR 97603-1955

3.2.2. **Security Police and Fire Protection.** Security police and fire protection is available by calling 5-6333 (on-base) or 911 (off-base).

3.2.3. **Emergency Medical Service.** Emergency medical care is available by calling 5-6333 (on-base) or 911 (off-base).

SECTION C-4**CONTRACTOR-FURNISHED ITEMS AND SERVICES**

4.1. **Contract Transition Materials Inventory.** Upon termination of the contract, the Contractor shall provide a 30-day stock level of materials and supplies needed to operate Government-furnished equipment. Although not all inclusive, the following items are normally used in weather station operations:

<u>MATERIAL</u>	<u>MONTHLY EQUIPMENT/ITEM USED WITH</u>	<u>USAGE</u>
Computer Paper	ASOS Printer	1/4 box
Printer Ribbons	ASOS Printer	1 each

SECTION C-5

SPECIFIC TASKS

5. GENERAL. The Kingsley weather facility provides weather support services of surface observing and staff weather support to units located on base. Such service includes but is not limited to solar data and climatological information. The weather observing facility is located in the Klamath Falls Air Traffic Control Tower.

5.1. Meteorological Services. Through a continuous weather watch, the Contractor shall provide surface weather observations required during each hour using FAA and NWS instrumentation. The Contractor shall provide meteorological services by augmenting the Automated Surface Observing System (ASOS) during the weather station operating hours. The Contractor shall ensure the ASOS observation accurately reflects existing conditions by editing the appropriate weather elements prior to dissemination. The Contractor will be familiar with ASOS operations such as generating specials via hot keys, answering the ASOS phone, being able to turn report processing sensors on and off, and being able to archive observations.

5.1.1. Surface Weather Observations. All surface weather observations required during each hour shall be taken, recorded, encoded, and disseminated error-free using the codes and procedures prescribed in AFMAN 15-111. Any corrections shall be disseminated within 20-minutes of the original transmission time. If the next observation is transmitted within the 20-minute period and it corrects the incorrect element, the original observation will be considered error-free.

5.1.1.1. Local. Accurate and timely surface weather observations shall be disseminated locally as required by AFMAN 15-111 and the Letters of Agreement with the 173rd Fighter Wing and the 270th ATCS. (TE 4, CDRL 05)

5.1.1.2. Longline. Accurate and timely surface weather observations shall be disseminated longline via the ASOS using the content and format required by AFMAN 15-111. (TE 4, CDRL 04)

5.1.1.2.1. Back-Up Calls. During ASOS outages the Contractor shall notify another FAA flight Service Station who will disseminate the surface weather observation longline.

5.1.1.3. Surface Weather Observing Records. The Contractor shall record accurate and legible surface weather observations on AF Form 3803 as prescribed in AFMAN 15-111. The data recorded on AF Form 3803 serves as the source to determine local and longline dissemination accuracy. A duplicate copy of each AF Form 3803 used to record surface weather

observations shall be maintained in the weather station for the period specified in AFMAN 37-139. (TE 4, CDRL 02)

5.1.2. Weather Warnings (WW). The Contractor shall issue WWs for lightning observed within 5 miles of Kingsley Field and also cancel these WWs when lightning is no longer within 5 miles. (TE 4, CDRL 06)

5.1.3. Outage Reports. The Contractor shall monitor meteorological and communications equipment operational status and report all outages to the AOMC (1-800-242-8194). All meteorological and communications equipment outages will be documented on an outage log. (TE 4, CDRL 03)

5.1.4. Computer Messages. The Contractor shall monitor and respond to any messages received over the ASOS.

5.1.5. DOD Flight Information Publications (FLIP). The Contractor shall review each applicable FLIP to determine changes in local and special observing criteria.

5.1.6. Emergency or Special Event Support. The Contractor shall perform those tasks listed within this section appropriate to the support requested. For example, increased operational flying requirements or Alert Force activation might entail 24-hour surface weather observation support. The Contractor shall request, in writing, clarification from the Contracting Officer whenever he/she has a question as to the specific tasks to be performed in support of emergencies or special events. Emergency or special event support requests will be processed as in 5.1.6.1.

5.1.6.1. Processing of Emergency or Special Event Support Requests. Requests for weather support outside the normal hours of operation specified in paragraph 1.6.1, Section C-1 will originate from a customer. Such requests must be approved, in advance whenever possible, by the Contracting Officer. If advance notice is not practical, the Contractor is still required to respond within 1 hour of notification and provide the appropriate support services. Requests can be classified as Routine, Very Short Notice, or No Notice. Reproducible copies of the "Request for Contingency Support" and "Certification of Contingency Hours Worked" forms will be provided to the Contractor and the Pre-performance Conference.

5.1.6.1.1. Routine Requests. Those requests submitted to the BWS more than 2 workdays prior to the start of the support. The customer must complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. The BWS supervisor will review the request, complete the 1st endorsement and forward it to the QAE at least 2 workdays prior to the start date of the support. The QAE will evaluate the request, complete the 2nd endorsement, and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given no later than 1630L the day prior to the requirement. If approved, the next regular workday following the provision of the support, the

BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.6.1.2. Very Short Notice Requests. Situations may arise which allow only minimal time for coordination of a request. These requests will usually be 2 work days or less prior to the start of the support. As circumstances permit, the customer should complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. In those cases where circumstances do not allow for the customer to complete paragraph 1, the BWS supervisor will complete it (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and forward it to the QAE. The QAE will evaluate the request, complete the 2nd endorsement, and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given as soon as practical. If approved, the next regular workday following the provision of the support, the BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.6.1.3. No Notice Requests. A situation may arise, such as the threat of severe weather, which requires immediate support, but coordination with the Contracting Officer is not practical. The BWS supervisor will use their best judgment in providing any necessary support services. No later than the next regular work day following the support, the BWS supervisor will complete paragraph 1 (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and "Certification of Contingency Hours Worked" and forward it to the QAE. The QAE will complete the 2nd endorsement and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form.

5.1.6.1.4. Cancellations. In the event the requested support is canceled, the BWS supervisor shall complete "Certification of Contingency Hours Worked" certifying no hours were worked and an explanation why the support was canceled. This form shall be provided to the QAE no later than the next working day following the canceled support.

5.1.6.2. Billing. The Contractor shall invoice for approved emergency or special event support services on a monthly basis when the normal monthly invoice for basic weather services is submitted.

5.1.7. Non-weather Personnel Training. The Contractor shall provide weather orientation to air traffic control personnel and certify these personnel to take tower visibility observations as required by the 270th ATCS Letter of Agreement.

5.1.8. Operational Reporting. Aircraft mishaps and severe weather occurrences require additional notification beyond local and longline dissemination. During normal duty hours the Contractor shall notify the 173rd Command Post and the QAE when either of these events occur. The Contractor shall provide the observation at the time of the event, the forecast (if known) to

include any weather warnings and/or weather advisories, and the status of the meteorological equipment. If the event occurs after normal duty hours, the Contractor shall contact the standby Command Post person in accordance with the 173rd Letter of Agreement and the QAE during duty hours the next normal duty day.

5.1.8.1. Aircraft Mishap Notification. Upon observation or notification of an aircraft mishap the Contractor shall take, record, and disseminate an aircraft mishap observation according to AFMAN 15-111 and disseminate it in accordance with the letters of agreement. The Contractor shall archive the 5-minute data on ASOS that includes the aircraft mishap observation.

5.1.8.2. Severe Weather. Upon occurrence of a tornado, winds 50 knots or greater (including gusts), or hail $\frac{3}{4}$ inch or greater on the installation, the Contractor shall prepare the Severe Weather Occurrence Worksheet and forward it to the 173rd Command Post. If the severe weather event occurs during contractor non-duty hours, the Contractor shall provide the information to the Command Post during the first normal duty hour the next day.

5.2. WEATHER SUPPORT COORDINATION. The weather support documents (letters of agreement) identify specific customer requirements. The Contractor shall use the weather support documents and applicable Government directives in the performance of this contract. At least annually the QAE will coordinate the weather support documents with the customer and Contractor.

SECTION C-6

Applicable Publications and Forms

6.1. The Contractor shall maintain one copy of the publications listed below. Supplements to the listed publications are required for the unit/customers supported.

6.1.1. The Contractor shall obtain the publications from the appropriate Air Force web site.

6.1.2. FAA publications will be obtained through Base Operations.

6.2. The current edition of the publications listed below shall be used unless as specified in paragraph 6 of the basic PWS.

<u>PUBLICATION</u>	<u>TITLE</u>	<u>MANDATORY ADVISORY</u>
AFMAN 15-111	Surface Weather Observations	M
AFMAN 15-124	Meteorological Codes	A
AFMAN 15-125	Weather Station Operations Guide	M
AFI 64-106	Air Force Industrial Labor Relations Activities	M
DODD 5500-7	Standards of Conduct	M
FAA 7340.1	FAA Contractions	M
	ASOS User's Manual	M
	ASOS Ready Reference Guide	M
Letters of Agreement		M
	173 rd Fighter Wing (Support Agreement)	M
	270 th ATCS (Support Agreement)	M

DEPARTMENTAL FORMS

<u>AF FORMS</u>	<u>TITLE</u>	<u>MANDATORY ADVISORY</u>
3803	Surface Weather Observations	M
3807	Weather Watch/Warning Notification	M
	Local Dissemination Log/Record	M
	Communications/Equipment Service Record	M

<u>TECHNICAL EXHIBIT</u>	<u>TITLE</u>	<u>PAGE</u>
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2	Workload Estimates	TE 2-1
3	Maps and Work Area Layouts	TE 3-1
4	Required Reports	TE 4-1
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5a	Government-Furnished Facilities	TE 5a-1
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TECHNICAL EXHIBIT 1**PERFORMANCE REQUIREMENTS SUMMARY**

1. PERFORMANCE REQUIREMENTS SUMMARY (PRS). The attached PRS chart lists the PWS requirements that the Government will survey.

REQUIRED SERVICE	STANDARD	PERFORMANCE REQUIREMENT	METHOD OF SURVEILLANCE	MAXIMUM PAYMENT PERCENTAGE
RS 1; Take, record, encode, and disseminate accurate surface weather observations. Para C-5.1.1	During each hour, all required surface weather observations are taken, recorded, and encoded on AF Form 3803 error-free. All observations are disseminated locally and longline error-free. All entries on AF Form 3803 are legible and in chronological order.	PR: 1 defect. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	40%
RS 2; Disseminate timely surface weather observations. Para C-5.1.1	During each hour, surface weather observations must be disseminated locally and longline. Hourly observations at H+53; specials and locals within 5 minutes of occurrence.	PR: 1 defect. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	20%
RS 3; Report and document equipment and circuit outages. Para C-5.1.3	All equipment and circuit outages are reported to the appropriate agency within 20 minutes of occurrence and are documented on an outage log.	PR: 1 defect. LOT SIZE: All outages for the month.	100 Percent Checklist	5%
RS 4; Issue accurate and timely weather warnings (WW). Para C-5.1.2	Issue all required WWs error-free. Issue all observed WWs within 5 minutes of occurrence.	PR: 0 defects. LOT SIZE: All WWs for the month.	100 Percent Checklist	10%
RS 5; Submit Contract Data Requirements. Tech Exhibit 4	All Contract Data Requirements are received not later than the time frames set forth in Technical Exhibit 4.	PR: 0 defects. LOT SIZE: All contract data requirements for the month.	100 Percent Checklist	10%
RS 6; Facility Operation Tasks.	Perform the following tasks:	PR: 1 defect. LOT SIZE: Number of times the tasks were required since last semi-annual review.	100 Percent Checklist (Semi-annual)	15%
Para C-1.2.2.13 (Basic PWS)	Training Record Documentation: Training record on file for each employee. Training checklist and qualification documentation included in each record.			
Para C-1.2.4, C-6 (Basic PWS)	Publications/Forms Management: Mandatory publications/forms on hand (paper or electronic version).			
Para C-1.3.2 (Basic PWS)	Quality Control Inspections: Inspections performed and defects documented. A supervisor's summary of corrective actions included with the inspections.			
Para C-5.1.1.3	Surface weather observation records: A copy of all			

	surface weather observation records (AF Form 3803) shall be maintained in the weather station.			
Para C-5.1.5	Special and Local Weather Observation Criteria: FLIPs and Air Force directives reviewed for landing and takeoff weather criteria to ensure special and local observation criteria are current.			

TECHNICAL EXHIBIT 2

WORKLOAD ESTIMATES

<u>SERVICE</u>	<u>QUANTITY PER MONTH</u>
Take, record, encode, and transmit accurate surface weather observations (METAR, SPECI, and local)	600
Issue observed weather warnings	5/year
Relay Point Weather Warnings	1
Document and report equipment/circuit outages	2
ASOS/ASI Barometer Comparison	Semi- annually

TECHNICAL EXHIBIT 3

MAPS AND WORK AREA LAYOUTS

No maps are required. The Contractor works at the Air Traffic Control Tower which is easily recognized at the Klamath Falls Airport. The control tower address is 7000 Homedale, Klamath Falls, OR 97603.

TECHNICAL EXHIBIT 4

REQUIRED REPORTS

The contractor shall submit all required reports as indicated on the attached Contract Data Requirements List. Information concerning each report's preparation and format is contained in the respective Data Item Description.

Data Item Number: 01

Title of Data Item: Contractor Quality Control Plan

Subtitle: QC Plan

Authority (DID Number): DID 01

Contract Reference: PWS Para 1.3

Requiring Office: ANG/A3OS

Frequency: Initially and as changes occur.

As of Date: At Pre-performance conference, then as of revision submission.

Date of First Submission: At Pre-performance conference

Date of Subsequent Submission: Final version by contract start date, then when changes occur.

Distribution: NGB-AQC-S: 1 regular copy; QAE: 1 repro copy

Remarks: None

Data Item Number: 02

Title of Data Item: Surface Observation Record

Subtitle: AF Form 3803

Authority (DID Number): DID 02

Contract Reference: PWS Para 5.1.1.3

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: AFCCC: 1 electronic copy; QAE: 1 repro copy

Remarks: None

Data Item Number: 03

Title of Data Item: Equipment/Circuit Service Record

Subtitle: Outage Log
Authority (DID Number): DID 03
Contract Reference: PWS Para 5.1.3
Requiring Office: ANG/A3OS
Frequency: Monthly
As of Date: End of Month
Date of First Submission: 5 Nov 2010
Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.
Distribution: QAE: 1 regular copy
Remarks: None

Data Item Number: 04

Title of Data Item: Longline (ASOS) Dissemination Record
Subtitle: None
Authority (DID Number): DID 04
Contract Reference: PWS Para 5.1.1.2
Requiring Office: ANG/A3OS
Frequency: Monthly
As of Date: End of Month
Date of First Submission: 5 Nov 2010
Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.
Distribution: QAE: 1 regular copy
Remarks: None

Data Item Number: 05

Title of Data Item: Local Dissemination Log
Subtitle: None
Authority (DID Number): DID 05
Contract Reference: PWS Para 5.1.1.1
Requiring Office: ANG/A3OS
Frequency: Monthly
As of Date: End of Month
Date of First Submission: 5 Nov 2010
Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.
Distribution: QAE: 1 regular copy
Remarks: None

Data Item Number: 06

Title of Data Item: Weather Watch/Warning Notification
Subtitle: AF Form 3807
Authority (DID Number): DID 06
Contract Reference: PWS Para 5.1.2
Requiring Office: ANG/A3OS
Frequency: Monthly
As of Date: End of Month
Date of First Submission: 5 Nov 2010
Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.
Distribution: QAE: 1 regular copy

Remarks: None

1. Title: Contractor Quality Control Plan (DID 01)

2. Description/Purpose: This document outlines the contractor's quality control requirements and procedures required by this contract. The plan contains the specific details of how the contractor performs quality control to ensure the standards for products and services under this contract are met. The QAE periodically reviews the contractor's quality control plan documentation to determine compliance and implementation and to assess the effectiveness of quality control policies and procedures.

3. Preparation Instructions:

3.1. The contractor shall provide a quality control plan to the contracting officer as prescribed in Section C-1, paragraph 1.3 and whenever changes occur.

4. Distribution: Not Applicable

1. Title: Surface Observation Records (AF Form 3803) (DID 02)

2. Description/Purpose: Used to record the weather observation for the station. Observation types include METAR (SA), SPECI (SP), and Local (L). The AF Form 3803 is the official source document for weather conditions at the station. Data recorded on the form is used for climatological studies and aircraft accident investigations.

3. Preparation Instructions:

3.1. The Contractor shall chronologically record surface weather observations on an electronic AF Form 3803 that has been approved for use by the Air Force Combat Climatology Center(AFCCC). The Contractor shall follow the procedures detailed in AFMAN 15-111 for recording and encoding. All AF Form 3803 entries must be legible on both the original and the reproduced copy.

3.2. Should the ASOS not allow entry of an element in the appropriate field as required by AFMAN 15-111, the Contractor shall place the element in the Remarks Section (Column 13) on the AF Form 3803. The order of elements recorded on the AF Form 3803 shall agree with the ASOS dissemination record.

3.3. The Contractor shall use the ASOS Daily Summary data to record Summary of the Day information (temperature, wind, and precipitation) in columns 66 – 73 on AF Form 3803. Some ASOS Daily Summary data (temperatures, wind speed, and time of wind speed) must be converted before entered on AF Form 3803. The Government no later than the start of the contract shall provide a conversion chart for Celsius to Fahrenheit temperatures and Knots to Miles Per Hour wind speeds.

3.4. The original electronic AF Form 3803 shall be forwarded each month to AFCCC in accordance with AFCCC instructions. One reproduced copy of each AF Form 3803 for the first through the last day of the month shall be forwarded to the QAE.

4. Distribution: Not Applicable

1. Title: Weather Equipment/Communications Outage Record (DID 03)
2. Description/Purpose: Used to depict a chronology of equipment and circuit problems and to document actions taken to resolve these outages.
3. Preparation Instructions:
 - 3.1. The contractor documents and reports weather equipment, communications equipment, and circuit outages as required by PWS paragraph 5.1.3
 - 3.2. The Weather Equipment/Communications Outage Record shall include, as a minimum, the following information:
 - Circuit identification or equipment type
 - DATE/TIME (Z) of the outage (All outages recorded chronologically)
 - DATE/TIME (Z) maintenance was notified
 - Job Control or Work Order Number if assigned
 - Initials of maintenance person receiving the outage report
 - DATE/TIME (Z) when circuit was restored or equipment was repaired
 - Remarks (Fully explains the outage, projected restoral date, corrective actions, and/or FOLLOW-UP status)
 - Initials of person recording the entries
 - 3.3. Document FOLLOW-UP status checks on a separate line. Use the term FOLLOW-UP to indicate the status check, refer to the original job control/work order number, include time of status check, and document in remarks any changes concerning restoral.
 - 3.4. Make daily FOLLOW-UP contacts on outage lasting 24 hours or longer. Daily FOLLOW-UP calls are not required if the maintainer provides a projected restoral date. If the outage is not corrected by the projected date, FOLLOW-UP calls are required daily unless a new projected restoral date is established by the maintainer.
4. Distribution: Not Applicable

1. Title: Longline (ASOS) Dissemination Records (DID 04)
2. Description/Purpose: A printed copy of weather data transmitted longline via electrical means such as the Automated Surface Observing System. The printout is used to confirm dissemination and to quality control the accuracy of products.
3. Preparation Instructions:
 - 3.1. The contractor shall encode and transmit weather data on ASOS as required by AFMAN 15-111.
 - 3.2. The Contractor will use the ASOS to print a copy of all observations that were disseminated during each calendar day (midnight local time to midnight local time). This printout shall include all ASOS observations for the day in chronological order, both augmented and unaugmented. The ASOS should be programmed to automatically provide this printout. A copy of each day's printout shall be forwarded to the QAE.
 - 3.3. The Contractor shall also have the ASOS print out a Daily Summary that includes maximum/minimum temperatures, maximum wind speed with direction and time, and precipitation totals. Information from the Daily Summary shall be used for Summary of the Day data on AF Form 3803 (See DID 02). The printout of the Daily Summary shall be attached to the corresponding daily printout of observations.
 - 3.4. The Contractor shall ensure all printed data is legible.
4. Distribution: Not Applicable

1. Title: Local Dissemination Log (DID 05)
2. Description/Purpose: The Local Dissemination Log/Record is used to document voice dissemination of weather information.
3. Preparation Instructions:
 - 3.1. When the contractor must disseminate weather information locally by voice, a record of these disseminations is documented on a Dissemination Log. The Dissemination Log shall contain the following information as a minimum:
 - Product Type: Enter acronym for type of product being disseminated, e.g., SA, L, WW, etc.
 - Time (Z): Enter time ascribed to the product.
 - Initials: Enter initials of person making the dissemination.
 - Agency: Enter acronym for the agency the product is disseminated to. The number of Agency columns should be sufficient for all agencies normally requiring dissemination.
 - Time (Z): Enter the time the product was disseminated to the agency.
 - Initials: Enter initials of person receiving the product.
 - Remarks: Enter remarks to explain any delays or non-deliveries, or other pertinent information.
 - 3.2. Each page of the Local Dissemination Log shall have the Day/Month/Year the products were disseminated.
4. Distribution: Not Applicable

1. Title: Weather Watch/Warning Notification and Verification (AF Form 3807) (DID 06)
2. Description/Purpose: The AF Form 3807 records the text and valid period of weather warnings and watches for a specific area. It also documents dissemination of warning and watch information to requiring agencies.
3. Preparation Instructions:
 - 3.1. The contractor shall prepare, disseminate, and document issuance, correction, and cancellation of observed weather warnings for lightning as required by AFMAN 15-125. All actions (issuance, correction, or cancellation) shall be documented in the Dissemination Section of the AF Form 3807. The pertinent action along with the time (z) and observer's initials shall be recorded in this section, e.g. COR 2208Z JB or CANX 1743Z KC.
 - 3.2. Each warning shall clearly indicate the warning number, areal coverage, and text.
4. Distribution: Not Applicable

TECHNICAL EXHIBIT 5a

GOVERNMENT-FURNISHED FACILITIES

The Contractor shall perform weather observing duties from the Air Traffic Control Tower (7000 Homedale Road), Kingsley Field, Klamath Falls OR. The Contractor will be provided an area of approximately 150 sq ft located on the first floor of the tower which will be used for the observer and for the contract management office space.

TECHNICAL EXHIBIT 5b

GOVERNMENT FURNISHED EQUIPMENT

1. The National Weather Service maintains the following Government-furnished equipment:

Automated Surface Observing System (ASOS)

2. The following observing equipment is FAA owned/maintained and may be used for comparative reading with the ASOS or as a backup if the ASOS is not operational.

Climatronics Wind Tracker Display P/N 102274

Climatronics Temperature Tracker Display P/N 102357

Altimeter Setting Read-Out FA-10454/1

3. The following is a list of the Government-furnished office furniture/equipment:

Two person modular workstation with file cabinets and two chairs.

One computer with monitor.

PERFORMANCE WORK STATEMENT

TAB D

LOS ALAMITOS AAF CALIFORNIA

LOS ALAMITOS AAF CALIFORNIA

SECTION C

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C-6 Applicable Publications and Forms

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SECTION C-1

GENERAL INFORMATION

1.1.1. The Los Alamitos weather facility provides surface weather observing and staff weather support to the Joint Forces Training Base (JFTB), 140TH Aviation Battalion, 40th Infantry Division, 6/52ND Army Reserve, and other Federal, State, and Local government agencies.

1.2. HOURS OF OPERATION.

1.2.1. Normal Hours of Operation. The Contractor shall perform the services required under this contract during the following hours: 16 hours per day (0600-2200 Local Time) Tuesday through Friday, 8 hours per day (0745-1545) Saturday through Monday, exclusive of Federal Holidays

1.2.2. Emergency or Special Event Services: On occasion, the Contractor will be required to perform the observing and forecasting tasks set forth in Section C-5 outside those normal hours of operation set forth above. This may entail an increase in the normal hours of operation (i.e., 0500L-2300L versus 0600L-2200L) up to and including 24 hours per day. The Contractor shall provide these services when required by the Contracting Officer or his authorized representative, at the contract line item price for these contingency services. The Contracting Officer or his authorized representative will provide notification of 24 hour per day support to the Contractor no later than 1630L the day prior to such requirement. In the case of extended services of less than 24 hours per day, attempts from the Contracting Officer will be made to notify the Contractor of such requirement prior to 1630L the day prior. However, such services may be required with little or no notice. Examples of situations requiring contingency support include, but are not limited to, exercises, surge requirements, disasters, accident and rescue operations, deployments, nighttime flying, and severe weather. Procedures for requesting Contracting Officer authorization to provide emergency or special event services are detailed in Section C-5.

1.2.2.1. The Contractor shall invoice for contingency services on a monthly basis commensurate with his normal monthly invoice for the basic weather services. Prior to submission of such invoice, the Contractor shall obtain certification of contingency support man-hours worked from the Contracting Officer or his authorized representative who authorized such services.

SECTION C-3

GOVERNMENT-FURNISHED PROPERTY AND SERVICES

3.2.3. **Installation Mail Service.** The official on-post mailing address for the Contractor is:

WEATHER
4442 DOOLITTLE AVE SUITE 2
LOS ALAMITOS CA 90720-5146

3.2.4. **Security Police and Fire Protection.** Security police and fire protection is available by calling 61111 (on-post) or 911 (off-post).

3.2.5. **Emergency Medical Service.** Emergency medical care is available by calling 61111 (on-post) or 911 (off-post).

SECTION C-4

CONTRACTOR-FURNISHED ITEMS AND SERVICES

4.1. Contract Transition Materials Inventory. Upon termination of the contract, the Contractor shall provide a 30-day stock level of materials and supplies needed to operate Government-furnished equipment. Although not all inclusive, the following items are normally used in weather station operations:

<u>MATERIAL</u>	<u>MONTHLY EQUIPMENT/ITEM USED WITH</u>	<u>USAGE</u>
Computer Paper	Printer	300 sheets
Printer Cartridges	Printer	2 each

SECTION C-5**SPECIFIC TASKS**

5. GENERAL. The Los Alamitos weather facility provides weather support services of surface observing, weather briefings, and staff weather support to units located on post. Such service includes but is not limited to solar data and climatological information. The weather facility is located in Building 1.

5.1. Meteorological Services. The Contractor shall provide a continuous weather watch during the hours of operation by taking, recording, encoding, and disseminating surface weather observations.

5.1.1. Surface Weather Observations. All surface weather observations required during each hour shall be taken, recorded, encoded, and disseminated error-free using the codes and procedures prescribed in AFMAN 15-111. Any corrections shall be disseminated within 20-minutes of the original transmission time. If the next observation is transmitted within the 20-minute period and it corrects the incorrect element, the original observation will be considered error-free.

5.1.1.1. Local. Accurate and timely surface weather observations shall be disseminated locally as required by AFMAN 15-111 and the Letters of Agreement with the Los Alamitos Airfield customers. (TE 4, CDRL 05)

5.1.1.2. Longline. Accurate and timely surface weather observations shall be disseminated longline via a Government computer connected to JAAWIN using the content and format required by AFMAN 15-111. (TE 4, CDRL 04)

5.1.1.2.1. Back-Up Calls. During Local Area Network (LAN) outages the Contractor shall notify another Air Force or Air National Guard weather facility who will disseminate the surface weather observation longline.

5.1.1.3. Surface Weather Observing Records. The Contractor shall record accurate and legible surface weather observations on AF Form 3813 as prescribed in AFMAN 15-111. The data recorded on AF Form 3813 serves as the source to determine local and longline dissemination accuracy. A duplicate copy of each AF Form 3813 used to record surface weather observations shall be maintained in the weather station for the period specified in AFMAN 33-363, Management of Records, and disposed of in accordance with Air Force Records Information Management System (AFRIMS) Records Disposition Schedule (RDS). (TE 4, CDRL 02)

5.1.2. Flight Weather Briefings. When a certified Weather Forecaster is on duty, pilots may receive flight weather briefings in the form of DD Form 175-1 or a verbal briefing, upon request. Monitoring weather conditions has the highest shift duty priority; therefore, if inclement weather conditions exist that require a continuous METWATCH, Weather Observer responsibilities take precedence over flight weather briefings. Whenever inclement weather conditions exist or a certified Weather Forecaster is not on duty, which prevent flight weather briefing assistance from Los Alamitos AAF weather personnel, pilots can receive flight weather briefings through the 25th Operational Weather Squadron.

5.1.3. Weather Warnings (WW). The Contractor shall issue WWs for lightning observed within 5 miles of Los Alamitos AAF and also cancel these WWs when lightning is no longer within 5 miles. (TE 4, CDRL 06)

5.1.3.1. 25th OWS Issued Weather Warnings (25WW). The Contractor shall relay 25th OWS Issued Weather Warnings for Los Alamitos AAF to base customers. (TE 4, CDRL 08)

5.1.4. Outage Reports. The Contractor shall monitor meteorological and communications equipment operational status and report all outages to the appropriate maintenance agency. Maintenance points of contact shall be provided at the pre-performance conference. All meteorological and communications equipment outages will be documented on an outage log. (TE 4, CDRL 03)

5.1.5. Barometer Standardizations. Barometer standardizations and comparisons shall be accomplished as required by AFMAN 15-111. Calibrations of barometers shall be coordinated with weather maintenance personnel. (TE 4, CDRL 07)

5.1.6. Computer Messages. The Contractor shall monitor and respond to any messages received over the JAAWIN computer.

5.1.7. DOD Flight Information Publications (FLIP). The Contractor shall review each applicable FLIP to determine changes in local and special observing criteria.

5.1.8. Emergency or Special Event Support. The Contractor shall perform those tasks listed within this section appropriate to the support requested. For example, increased operational flying requirements might entail 24-hour surface weather observation support. The Contractor shall request, in writing, clarification from the Contracting Officer whenever he/she has a question as to the specific tasks to be performed in support of emergencies or special events. Emergency or special event support requests will be processed as in 5.1.8.1.

5.1.8.1. Processing of Emergency or Special Event Support Requests. Requests for weather support outside the normal hours of operation specified in paragraph 1.6.1, Section C-1 will originate from a customer. Such requests must be approved, in advance whenever possible, by the Contracting Officer. If advance notice is not practical, the Contractor is still required to respond within 1 hour of notification and provide the appropriate support services. Requests can be classified as Routine, Very Short Notice, or No Notice. Reproducible copies of the "Request for Contingency Support" and "Certification of Contingency Hours Worked" forms will be provided to the Contractor and the Pre-performance Conference.

5.1.8.1.1. Routine Requests. Those requests submitted to the BWS more than 2 workdays prior to the start of the support. The customer must complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. The BWS supervisor will review the request, complete the 1st endorsement and forward it to the QAE at least 2 workdays prior to the start date of the support. The QAE will evaluate the request, complete the 2nd endorsement, and

forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given no later than 1630L the day prior to the requirement. If approved, the next regular workday following the provision of the support, the BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.8.1.2. Very Short Notice Requests. Situations may arise which allow only minimal time for coordination of a request. These requests will usually be 2 work days or less prior to the start of the support. As circumstances permit, the customer should complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. In those cases where circumstances do not allow for the customer to complete paragraph 1, the BWS supervisor will complete it (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and forward it to the QAE. The QAE will evaluate the request, complete the 2nd endorsement, and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given as soon as practical. If approved, the next regular workday following the provision of the support, the BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.8.1.3. No Notice Requests. A situation may arise, such as the threat of severe weather, which requires immediate support, but coordination with the Contracting Officer is not practical. The BWS supervisor will use their best judgment in providing any necessary support services. No later than the next regular work day following the support, the BWS supervisor will complete paragraph 1 (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and "Certification of Contingency Hours Worked" and forward it to the QAE. The QAE will complete the 2nd endorsement and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form.

5.1.8.1.4. Cancellations. In the event the requested support is canceled, the BWS supervisor shall complete "Certification of Contingency Hours Worked" certifying no hours were worked and an explanation why the support was canceled. This form shall be provided to the QAE no later than the next working day following the canceled support.

5.1.8.2. Billing. The Contractor shall invoice for approved emergency or special event support services on a monthly basis when the normal monthly invoice for basic weather services is submitted.

5.1.9. Operational Reporting. Aircraft mishaps and severe weather occurrences require additional notification beyond local and longline dissemination. During normal duty hours the Contractor shall notify the Air National Guard Command Post (Andrews AFB MD) and the QAE when either of these events occur. The Contractor shall provide the observation at the time of the

event, the forecast (if known) to include any weather warnings and/or weather advisories, and the status of the meteorological equipment. If the event occurs during the Contractor's non-duty hours, the Contractor shall contact the ANG Command Post and the QAE during duty hours the next normal duty day.

5.1.9.1. Aircraft Mishap Notification. Upon observation or notification of an aircraft mishap the Contractor shall take, record, and disseminate an aircraft mishap observation according to AFMAN 15-111 and disseminate it in accordance with the letters of agreement.

5.1.9.2. Severe Weather. Upon occurrence of a tornado, winds 50 knots or greater (including gusts), or hail $\frac{3}{4}$ inch or greater on the installation, the Contractor shall prepare the Severe Weather Occurrence Worksheet and forward it to the ANG Command Post. If the severe weather event occurs during contractor non-duty hours, the Contractor shall provide the information to the Command Post during the first normal duty hour the next day.

5.2. WEATHER SUPPORT COORDINATION. The weather support documents (letters of agreement) identify specific customer requirements. The Contractor shall use the weather support documents and applicable Government directives in the performance of this contract. At least annually the QAE will coordinate the weather support documents with the customer and Contractor.

SECTION C-6

Applicable Publications and Forms

6.1. The Contractor shall maintain the publications and forms listed below.

6.1.1. The Contractor shall obtain the publications from the appropriate Air Force web site.

6.1.2. FAA publications will be obtained electronically or through Airfield Operations.

6.2. The current edition of the publications listed below shall be used unless as specified in paragraph 6 of the basic PWS.

<u>PUBLICATION</u>	<u>TITLE</u>	<u>MANDATORY</u> <u>ADVISORY</u>
AFMAN 15-111	Surface Weather Observations	M
AFMAN 15-124	Meteorological Codes	A
AFMAN 15-129	Air and Space Weather Operations - Processes and Procedures	M
AFI 64-106	Air Force Industrial Labor Relations Activities	M
DODD 5500-7	Standards of Conduct	M
FAA 7340.1	FAA Contractions	M
Letter of Agreement		M

DEPARTMENTAL FORMS

<u>AF FORMS</u>	<u>TITLE</u>	<u>MANDATORY</u> <u>ADVISORY</u>
3813	Surface Weather Observations	M
3807	Weather Watch/Warning Notification	M
	Local Dissemination Log/Record	M
	Communications/Equipment Service Record	M

TECHNICAL EXHIBIT

<u>TITLE</u>	<u>PAGE</u>	
1	Performance Requirements Summary	TE 1-1
2	Workload Estimates	TE 2-1
3	Maps and Work Area Layouts	TE 3-1
4	Required Reports	TE 4-1
	Contract Data Requirements Listing	TE 4-2-1
	Data Item Description	TE 4-3-1
5a	Government-Furnished Facilities	TE 5a-1
5b	Government-Furnished Equipment	TE 5b-1

TECHNICAL EXHIBIT 1

PERFORMANCE REQUIREMENTS SUMMARY

1. PERFORMANCE REQUIREMENTS SUMMARY (PRS). The attached PRS chart lists the PWS requirements that the Government will survey.

REQUIRED SERVICE	STANDARD	PERFORMANCE REQUIREMENT	METHOD OF SURVEILLANCE	MAXIMUM PAYMENT PERCENTAGE
RS 1; Take, record, encode, and disseminate accurate surface weather observations. Para C-5.1.1	During each hour, all required surface weather observations are taken, recorded, and encoded on AF Form 3813 error-free. All observations are disseminated locally and longline error-free. All entries on AF Form 3813 are legible and in chronological order.	PR: 1 defect. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	35%
RS 2; Disseminate timely surface weather observations. Para C-5.1.1	During each hour, surface weather observations must be disseminated locally and longline. Hourly observations between H+55-59; specials and locals within 5 minutes of occurrence.	PR: 1 defect. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	10%
RS 3; Provide flight weather briefings. Para C-5.1.2.	Provide flight weather briefings if a certified Forecaster is on duty and inclement weather is not occurring that would degrade the quality of observations	PR: 1 defect. LOT SIZE: Total number of briefings.	Random Sample	15%
RS 4; Report and document equipment and circuit outages. Para C-5.1.4	All equipment and circuit outages are reported to the appropriate agency within 20 minutes of occurrence and are documented on an outage log.	PR: 1 defect. LOT SIZE: All outages for the month.	100 Percent Checklist	5%
RS 5; Perform and record barometer standardizations. Para C-5.1.5	All barometer standardizations are completed when required to ensure backup barometer is in tolerance.	LOT SIZE: Number of standardizations completed during the year.	Semi-annually	N/A
RS 6; Issue accurate and timely weather warnings (WW). Para C-5.1.3	Issue all observed WWs error-free within 5 minutes of occurrence.	PR: 0 defects. LOT SIZE: All WWs for the month.	100 Percent Checklist	5%
RS 7; Relay 25 OWS Point warnings. Para C-5.1.3.1	Locally relay (disseminate) all 25 OWS weather warnings error-free within 10-minutes of receipt.	PR: 0 defects. LOT SIZE: All AFWA point warnings issued during the month.	100 Percent Checklist	5%
RS 8; Submit Contract Data Requirements. Tech Exhibit 4	All Contract Data Requirements are received not later than the time frames set forth in Technical Exhibit 4.	PR: 0 defects. LOT SIZE: All contract data requirements for the month.	100 Percent Checklist	10%
RS 9; Facility Operation Tasks. Para C-1.2.2.13	Perform the following tasks: Training Record Documentation: Training record	PR: 1 defect. LOT SIZE: Number of times the tasks were required since last semi-annual review.	100 Percent Checklist (Semi-annual)	15%

(Basic PWS)	on file for each employee. Training checklist and certification included in each record.			
Para C-6 (Basic PWS)	Publications/Forms Management: Mandatory publications/forms on hand.			
Para C-1.3.2 (Basic PWS)	Quality Control Inspections: Inspections performed and defects documented. A supervisor's summary of corrective actions included with the inspections.			
Para C-5.1.1.3	Surface weather observation records: A copy of all surface weather observation records (AF Form 3813) shall be maintained in the weather station.			
Para C-5.1.7	Special and Local Weather Observation Criteria: FLIPs and Air Force directives reviewed for landing and takeoff weather criteria to ensure special and local observation criteria are current.			

TECHNICAL EXHIBIT 2
WORKLOAD ESTIMATES

<u>SERVICE</u>	<u>QUANTITY PER MONTH</u>
Take, record, encode, and transmit accurate surface weather observations (METAR, SPECI, and local)	450
Issue observed weather warnings	5/year
Relay 25 OWS Weather Warnings	3
Make and record barometer standardizations	Semi-annually
Document and report equipment/circuit outages	5
Provide Flight Weather Briefings	30

TECHNICAL EXHIBIT 3
MAPS AND WORK AREA LAYOUTS

The Contractor works at Flight Operations, Building 1 in an area of approximately 150 sq. ft.

TECHNICAL EXHIBIT 4

REQUIRED REPORTS

The contractor shall submit all required reports as indicated on the attached Contract Data Requirements List. Information concerning each report's preparation and format is contained in the respective Data Item Description.

Data Item Number: 01

Title of Data Item: Contractor Quality Control Plan

Subtitle: QC Plan

Authority (DID Number): DID 01

Contract Reference: PWS Para 1.3

Requiring Office: ANG/A3OS

Frequency: Initially and as changes occur.

As of Date: At Pre-performance conference, then as of revision submission.

Date of First Submission: At Pre-performance conference

Date of Subsequent Submission: Final version by contract start date, then when changes occur.

Distribution: NGB-AQC-S: 1 regular copy; QAE: 1 repro copy

Remarks: None

Data Item Number: 02

Title of Data Item: Surface Observation Record

Subtitle: AF Form 3813

Authority (DID Number): DID 02

Contract Reference: PWS Para 5.1.1.3

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: AFCCC: 1 electronic copy; QAE: 1 repro or electronic copy

Remarks: None

Data Item Number: 03

Title of Data Item: Equipment/Circuit Service Record

Subtitle: Outage Log

Authority (DID Number): DID 03

Contract Reference: PWS Para 5.1.4

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 electronic copy

Remarks: None

Data Item Number: 04

Title of Data Item: Longline Dissemination Record

Subtitle: None

Authority (DID Number): DID 04

Contract Reference: PWS Para 5.1.1.2

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 electronic copy

Remarks: None

Data Item Number: 05

Title of Data Item: Local Dissemination Log

Subtitle: None

Authority (DID Number): DID 05

Contract Reference: PWS Para 5.1.1.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 electronic copy

Remarks: None

Data Item Number: 06

Title of Data Item: Weather Watch/Warning Notification

Subtitle: AF Form 3807

Authority (DID Number): DID 06

Contract Reference: PWS Para 5.1.3

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 electronic copy

Remarks: None

Data Item Number: 07

Title of Data Item: Kestrel/JET Barometer Standardization

Subtitle: Barometer Comparison Form

Authority (DID Number): DID 07

Contract Reference: PWS Para 5.1.5

Requiring Office: ANG/A3OS

Frequency: At least semi-annually or when required by AFMAN 15-111.

As of Date: When required by AFMAN 15-111.

Date of First Submission: Upon completion of first standardization after contract start date.

Date of Subsequent Submission: Submit NLT 5th workday of the month following as of date.

Distribution: QAE: 1 electronic copy

Remarks: None

Data Item Number: 08

Title of Data Item: 25 OWS Issued Weather Warnings

Subtitle: 25 OWS WW

Authority (DID Number): DID 08

Contract Reference: PWS Para 5.1.3.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 electronic copy

Remarks: None

Data Item Number: 09

Title of Data Item: Flight Weather Briefings

Subtitle: DD Form 175-1 and Verbal Briefings

Authority (DID Number): DID 09

Contract Reference: PWS Para 5.1.2.

Requiring Office: ANG/A3OS

Frequency: Monthly

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 electronic copy

Remarks: None

1. Title: Contractor Quality Control Plan (DID 01)

2. Description/Purpose: This document outlines the contractor's quality control requirements and procedures required by this contract. The plan contains the specific details of how the contractor performs quality control to ensure the standards for products and services under this contract are met. The QAE periodically reviews the contractor's quality control plan documentation to determine compliance and implementation and to assess the effectiveness of quality control policies and procedures.

3. Preparation Instructions:

3.1. The contractor shall provide a quality control plan to the contracting officer as prescribed in Section C-1, paragraph 1.3 and whenever changes occur.

4. Distribution: Not Applicable

1. Title: Surface Observation Records (AF Form 3813) (DID 02)
2. Description/Purpose: Used to record the weather observation for the station. Observation types include METAR (SA), SPECI (SP), and Local (L). The AF Form 3813 is the official source document for weather conditions at the station. Data recorded on the form is used for climatological studies and aircraft accident investigations.
3. Preparation Instructions:
 - 3.1. The Contractor shall chronologically record surface weather observations on an electronic AF Form 3813 that has been approved for use by the Air Force Combat Climatology Center(AFCCC). The Contractor shall follow the procedures detailed in AFMAN 15-111 for recording and encoding. All AF Form 3813 entries must be legible on both the original and the reproduced copy.
 - 3.2. The original electronic AF Form 3813 shall be forwarded usually at the beginning of the next duty day (not to exceed 7 days) to AFCCC in accordance with AFMAN 15-111. One reproduced copy of each AF Form 3813 for the first through the last day of the month shall be forwarded to the QAE.
4. Distribution: Not Applicable

1. Title: Weather Equipment/Communications Outage Record (DID 03)
2. Description/Purpose: Used to depict a chronology of equipment and circuit problems and to document actions taken to resolve these outages.
3. Preparation Instructions:
 - 3.1. The contractor documents and reports weather equipment, communications equipment, and circuit outages as required by PWS paragraph 5.1.4.
 - 3.2. The Weather Equipment/Communications Outage Record shall include, as a minimum, the following information:
 - Circuit identification or equipment type
 - DATE/TIME (Z) of the outage (All outages recorded chronologically)
 - DATE/TIME (Z) maintenance was notified
 - Job Control or Work Order Number if assigned
 - Initials of maintenance person receiving the outage report
 - DATE/TIME (Z) when circuit was restored or equipment was repaired
 - Remarks (Fully explains the outage, projected restoral date, corrective actions, and/or FOLLOW-UP status)
 - Initials of person recording the entries
 - 3.3. Document FOLLOW-UP status checks on a separate line. Use the term FOLLOW-UP to indicate the status check, refer to the original job control/work order number, include time of status check, and document in remarks any changes concerning restoral.
 - 3.4. Make daily FOLLOW-UP contacts on outage lasting 24 hours or longer. Daily FOLLOW-UP calls are not required if the maintainer provides a projected restoral date. If the outage is not corrected by the projected date, FOLLOW-UP calls are required daily unless a new projected restoral date is established by the maintainer.
4. Distribution: Not Applicable

1. Title: Longline Dissemination Records (DID 04)

2. Description/Purpose: An electronic copy of weather data transmitted longline via electrical means and recorded by a weather collection database (i.e., JAAWIN, 14 WS, ADDS, etc.). The electric copy of the data collection is used to confirm dissemination and to quality control the accuracy of products.

3. Preparation Instructions:

3.1. The contractor shall encode and transmit weather data through designated weather equipment or manually through the JAAWIN website as required by AFMAN 15-111.

3.2. The Contractor will provide a copy of all observations that were disseminated during each calendar day (midnight local time to midnight local time). A copy of each day's data shall be forwarded to the QAE.

3.3. The Contractor shall ensure all archived data is legible.

4. Distribution: Not Applicable

1. Title: Local Dissemination Log (DID 05)
2. Description/Purpose: The Local Dissemination Log/Record is used to document voice dissemination of weather information.
3. Preparation Instructions:
 - 3.1. When the contractor disseminates weather information locally by voice, a record of these disseminations is documented on a Dissemination Log. The Dissemination Log shall contain the following information as a minimum:
 - Product Type: Enter acronym for type of product being disseminated, e.g., SA, L, WW, etc.
 - Time (Z): Enter time ascribed to the product.
 - Initials: Enter initials of person making the dissemination.
 - Agency: Enter acronym for the agency the product is disseminated to. The number of Agency columns should be sufficient for all agencies normally requiring dissemination.
 - Time (Z): Enter the time the product was disseminated to the agency.
 - Initials: Enter initials of person receiving the product.
 - Remarks: Enter remarks to explain any delays or non-deliveries, or other pertinent information.
 - 3.2. Each page of the Local Dissemination Log shall have the Day/Month/Year the products were disseminated.
4. Distribution: Not Applicable

1. Title: Weather Watch/Warning Notification and Verification (AF Form 3807) (DID 06)
2. Description/Purpose: The AF Form 3807 records the text and valid period of weather warnings and watches for a specific area. It also documents dissemination of warning and watch information to requiring agencies.
3. Preparation Instructions:
 - 3.1. The contractor shall prepare, disseminate, and document issuance, correction, and cancellation of observed weather warnings for lightning as required by AFMAN 15-129 or AFI 15-128. All actions (issuance, correction, or cancellation) shall be documented in the Dissemination Section of the AF Form 3807. The pertinent action along with the time (z) and observer's initials shall be recorded in this section, e.g. COR 2208Z JB or CANX 1743Z KC.
 - 3.2. Each warning shall clearly indicate the warning number, areal coverage, and text.
4. Distribution: Not Applicable

1. Title: Barometer Comparison/Standardization (DID 07)
2. Description/Purpose: Used to document all barometer standardizations required by AFMAN 15-111. Provides historical case file documentation required for all barometers.
3. Preparation Instructions:
 - 3.1. The contractor shall perform barometer standardizations and document the comparisons on as required by AFMAN 15-111.
 - 3.2. Record and document barometer comparisons on a locally developed worksheet/spreadsheet.
4. Distribution: Not Applicable

1. Title: 25 OWS Weather Warnings (DID 08)

2. Description/Purpose: 25th OWS Weather Warnings are transmitted to using weather stations via the Integrated Weather Warning Capability (IWWC) system, NTFS/JET or other weather communications circuits.

3. Preparation Instructions:

3.1. On-base dissemination: The contractor shall record each 25th OWS Weather Warning received via the IWWC system and document the date/time when it was received. The contractor shall record 25th OWS Weather Warning information on AF Form 3807 and disseminate this information to local customers within 10 minutes of receipt. The contractor shall record the dissemination times and initials in the appropriate block on the form. Copies of all 25th OWS Weather Warnings disseminated during the month shall be forwarded to the QAE.

4. Distribution: Not Applicable

1. Title: Flight Weather Briefings (DD Form 175-1 and Verbal Briefings) (DID 09)
2. Description/Purpose: Used to record flight weather briefings provided to pilots. The briefing types include DD Form 175-1 and verbal. Information contained in the briefing will document pertinent weather data for pilots to make GO/NO GO decisions on missions.
3. Preparation Instructions:
 - 3.1. The Contractor shall record flight weather briefings on the DD Form 175-1 and verbal Aircrew Briefing Log. The Contractor shall follow the procedures detailed in AFMAN 15-129 (below). All entries must be legible on both the original and the electronic copy.
4. Distribution: Not Applicable

BWS Form 175-1 Instructions

Entries in individual blocks are at the discretion of the briefer, based on aircrew requirements and the weather situation. Make all time entries in Coordinated Universal Time (UTC). Enter all heights in hundreds of feet, surface level as "SFC."

TAKEOFF DATA

DATE. Enter UTC departure date in six digits (mmyydd) (i.e., 030722).

ACFT TYPE/NO. Enter aircraft type (e.g. A10, KC35) and call sign, mission number, or last three digits of tail number.

DEP POINT/ETD. Enter departure airfield call letters and estimated time of takeoff. Enter departure grid point or latitude/longitude for locations that don't have location identifiers.

RUNWAY TEMP. Enter in degrees Celsius, unless requested in Fahrenheit.

DEW POINT. Enter in degrees Celsius, unless requested in Fahrenheit.

ALSTG. Enter altimeter setting in inches of mercury to the nearest hundredth (ie: 2992).

PRES ALT. Enter pressure altitude in feet, with algebraic sign.

SURFACE WIND. Enter magnetic direction for local briefings and true for remote briefings. In either case, specify ~~mag~~ or ~~true~~ during the briefing, and suffix entries with either an ~~M~~ or ~~T~~.

CLIMB WINDS. Enter in true direction. Enter a representative wind (or winds) from takeoff to cruise altitude. Brief climb winds in layers if there are significant differences from one stratum to another.

LOCAL WEATHER WATCH/WARNING/ADVISORY. Enter any weather warnings, watches, or advisories valid for ETD +/-1 hour. For remote briefings, enter ~~CHECK WITH LOCAL FLIGHT AGENCIES~~.

RSC/RCR. Enter latest reported Runway Conditions Reading (RCR) for departure airfield, if available. If not available for departure from a remote airfield, enter ~~N/A~~.

TAKEOFF IMPACTS/ALTN FCSTS. Enter remarks on weather that will affect takeoff and climb (e.g., visibility, ceilings, obstructions to vision, LLWS, inversions, icing, and turbulence). Ensure the contents of the briefing and the Terminal Aerodrome Forecast are consistent. If requested, enter a terminal forecast for the takeoff alternate(s).

MIN TEMP PAST 24 HRS. Enter the lowest temperature in the past 24 hours for the mission takeoff location, when requested.

ENROUTE AND MISSION DATA

Enter data for the entire route. Insert specific briefings for ranges, air-refueling areas, or low-level routes at the appropriate point during the mission.

FLIGHT LEVEL. Enter projected flight level(s) for the mission.

WINDS/TEMP. If wind charts are attached, check box and attach charts. When charts are NOT attached, enter true wind direction at flight level in tens of degrees, speed to the nearest 5 knots. Enter temperature in degrees Celsius. If there are significant differences, break the forecast into legs (e.g., BLV-MXF 27045/-45); otherwise, brief a representative wind and temp for the entire route.

SOLAR AND LUNAR DATA. Enter all requested solar and lunar data for the mission.

THUNDERSTORMS. Enter OWS and date/time of product used and check applicable blocks. Enter geographical location and maximum tops of thunderstorms that may affect the flight. Never use the terms cumulonimbus" or -CB." If charts are attached depicting locations, enter -SEE ATTACHED CHARTS" for locations.

TURBULENCE. Enter OWS and date/time of the turbulence forecast used. Check applicable blocks and enter levels and locations of turbulence (not associated with thunderstorms) that may affect the flight.

NOTE: SIGMETs are advisory in nature, like the turbulence charts produced at the 15th OWS. The forecaster must evaluate the potential and forecast the effects on the aircraft at the time. The forecaster must also alert aircrews to any existing SIGMETs that affect their mission. Annotate in the -Remarks" section if the forecaster disagrees with the SIGMET. Whether or not the condition described is potentially hazardous to a particular flight is for the pilot to evaluate on the basis of own experience and the operational limits of the aircraft being flown. If charts are attached depicting locations, enter -SEE ATTACHED CHARTS" for location.

ICING. Enter OWS and date/time of product used and check applicable blocks. Enter levels and geographical location of icing (not associated with thunderstorms) that may affect the flight. If charts are attached depicting locations, enter -SEE ATTACHED CHARTS" for location.

PRECIPITATION. Enter OWS and date/time of product used and check applicable blocks. Enter geographical location of precipitation areas that may affect the flight.

AIR REFUELING / MOA FORECAST

LOCATION/ FLT LVL. Enter the name of the AR track/MOA and the flight level (e.g., 330EW / 210).

CLOUDS. Enter cloud coverage and levels (e.g., BKN200/250).

VIS. Enter the visibility for out of cloud and in cloud for the projected flight level.

WEATHER/HAZARDS. Enter any weather or hazards (turbulence, icing, thunderstorms, etc.) that may be encountered.

WINDS/TEMP. Enter the winds and temperature expected at flight level.

VALID TIME. ½ hour prior to scheduled entry and 1 hour after scheduled exit.

TERMINAL FORECASTS

Enter a forecast for first stop and alternate, if an alternate is required. Brief the worst conditions expected to prevail during the valid period for both destination and alternate. Because of the complexity of the process, the necessity for and selection of alternates is a pilot decision. However, forecasters need to know basic AFI 11-206 provisions for alternate selection. Enter forecasts for subsequent stops and alternates on request, but advise the pilot that updates are necessary. Brief destination forecasts in terms that the pilot will understand.

DEST/ALTN. Enter the station identifier.

VALID TIME. Enter valid time usually as 1 hour either side of ETA. Briefings for Army aviators require a valid time from ETA through 1 hour after ETA. For flights of less than 1 hour, make the first entry the same as ETD.

SURFACE WIND. Enter true direction if the destination is an airfield other than your own; if the flight is a "round robin" that will terminate at your own airfield with no intermediate stops; enter the direction magnetic. In either case, specify "magnetic" or "true" during the briefing and suffix entries with either "M" or "T". Use five digits for entering winds for both CONUS and overseas destinations.

VIS/WEA. Enter the lowest prevailing condition expected during the valid period. Enter conditions described by a TEMPO group on the next line. Enter visibility in units that will be used at destination; e.g., visibility in meters for overseas destinations, statute miles for CONUS.

CLOUD LAYERS. Enter the lowest prevailing condition expected during the valid period. Enter conditions described by a TEMPO group on the next line.

RWY TEMP. Enter temperature in degrees Celsius unless requested in Fahrenheit.

ALTIMETER. Enter the lowest altimeter setting expected during the valid period in all cases except those in which it is impossible to obtain or determine one.

PRES ALT. Enter pressure altitude in feet, with algebraic sign.

COMMENTS/REMARKS

BRIEFED RSC/RCR. Check either Yes or Not Available.

ATTACHMENTS. Check either Yes or No.

PMSV FREQS. If Pilot Reports (PIREPs) are requested for other specific areas, enter the areas and pilot-to-metro service (PMSV) frequency.

REMARKS. Enter any other significant data.

BRIEFING RECORD

WEATHER BRIEFED TIME. Enter time the briefing was completed. Prefix with ~~E~~” for fax or phone briefings.

FLIMSY BRIEFING NUMBER. Use format of ~~mm~~-dd/Acft Call Sign” (e.g. 03-12/AUTO71).

FORECASTER’S INITIALS. Enter legible initials of forecaster providing briefing.

NAME OF PERSON RECEIVING BRIEFING. (Remote Briefings only). Enter name and grade.

VOID TIME (Army, Navy/Marines Only). Army: Add 1:30 to the entry in ~~Weather Briefed~~” and enter it in this block. Navy/Marines: Void time of the brief will not exceed 1/2 hour past ETD or 2 hours from the time entered under ~~Weather Briefed~~” or ~~Weather Restricted~~.”

EXTENDED TO/INITIALS (Army, Navy/Marines Only). When an Army or Navy/Marine pilot asks for an extension, recheck all weather entries, rebrief, and make required changes in green. Army: Add 1:30 to the new ~~Weather Briefed~~” time and enter it in this block. Navy/Marines: Enter time of extension of the briefing ~~void time~~” as appropriate, indicated above.

WEATHER REBRIEF TIME/INITIALS (not required for Army, Army equivalent is ~~extended to~~” entry). If weather is rebriefed, make changes to original weather entries in green, and enter the time the rebriefing was completed, and forecaster initials.

WX DEBRIEF TIME/INITIALS. Enter time and initials of the forecaster providing the debriefing upon completion of the mission.

3.1.2.1. If an entry is made in a block, it must conform to the basic guidance listed above.

3.1.2.2. Entries between blocks must be consistent.

4. Distribution: Not Applicable

TECHNICAL EXHIBIT 5a

GOVERNMENT-FURNISHED FACILITIES

The Contractor shall perform weather observing duties from Hangar building 1, Flight Operations at Los Alamitos AAF. The Contractor will be provided a weather station of approximately 150 sq ft located on the first floor which will be used for observing/forecasting duties.

TECHNICAL EXHIBIT 5b

GOVERNMENT FURNISHED EQUIPMENT

1. The Government maintains the following Government-furnished equipment:

Computer w/Monitor used to access JAAWIN:

- Computer: Dell Optiplex 780, SN C7PPQJ1
- Monitor: Hyundai Model L90D, SN L90DSAS940902606
- Printer: HP Model Laser Jet 2100, USGH076726

2. The following meteorological equipment is Government owned/maintained.

Psychro-Dyne Psychrometer
Kestrel 4000 Pocket Weather Tracker
FMQ-19
N-TFS

3. The following is a list of the Government-furnished office furniture:

Desk - 1
Chair - 1

PERFORMANCE WORK STATEMENT

TAB E

PEASE ANGB NEW HAMPSHIRE

SECTION C

PEASE ANGB NEW HAMPSHIRE

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SECTION C-1

GENERAL INFORMATION

1.1.1. The Pease weather facility provides surface weather observations to the 157th Air Refueling Wing (157 ARW) at Pease ANGB, NH using government provided facilities and instrumentation.

1.2.HOURS OF OPERATION.

1.2.1. Normal Hours of Operation. The contractor shall provide continuous weather watch 24-hours a day, seven days a week, inclusive of Federal Holidays.

SECTION C-3

GOVERNMENT-FURNISHED PROPERTY AND SERVICES

3.1.1. **Installation Mail Service.** The official on-base mailing address for the Contractor is:

WEATHER
PORTSMOUTH ATCT
14 AIRLINE AVE
PORTSMOUTH NH 03803

3.1.2. **Security Police and Fire Protection.** Security police and fire protection is available by calling 911.

3.1.3. **Emergency Medical Service.** Emergency medical care is available by calling 911.

SECTION C-4**CONTRACTOR-FURNISHED ITEMS AND SERVICES**

4.2. **Contract Transition Materials Inventory.** Upon termination of the contract, the Contractor shall provide a 30-day stock level of materials and supplies needed to operate Government-furnished equipment. Although not all inclusive, the following items are normally used in weather station operations:

<u>MATERIAL</u>	<u>MONTHLY EQUIPMENT/ITEM USED WITH</u>	<u>USAGE</u>
Computer Paper	DELL 3110CN Computer Printer	1000
Printer Cartridges	DELL 3110CN Computer Printer	2 each

SECTION C-5

SPECIFIC TASKS

5. GENERAL. The Pease weather facility provides surface weather observations to the 157th ARW/133 ARS/64 ARS and Pease ANGB, NH using government provided facilities and instrumentation.

5.1. Meteorological Services. The Contractor shall provide a continuous weather watch 24-hours a day, seven days a week by taking, recording, encoding, and disseminating surface weather observations.

5.1.1. Surface Weather Observations. All surface weather observations required during each hour shall be taken, recorded, encoded, and disseminated error-free using the codes and procedures prescribed in AFMAN 15-111. Any corrections shall be disseminated within 20-minutes of the original transmission time. If the next observation is transmitted within the 20-minute period and it corrects the incorrect element, the original observation will be considered error-free.

5.1.1.1. Local. Accurate and timely surface weather observations shall be disseminated locally as required by AFMAN 15-111 and local Letters of Agreement. (TE 4, CDRL 05, 06)

5.1.1.2. Longline. Accurate and timely surface weather observations shall be disseminated longline into the Automated Weather Network (AWN) via Joint Environmental Toolkit (JET) using the content and format required by AFMAN 15-111. JAAWIN will be the backup to disseminate weather observations. (TE 4, CDRL 04)

5.1.1.2.1. Back-Up Calls. During communication equipment outages the Contractor shall notify another unit not affected by the outage who will disseminate the surface weather observation into the AWN.

5.1.1.3. Surface Weather Observing Records. The Contractor shall record accurate and legible surface weather observations on AF Form 3803 or 3813 as prescribed in AFMAN 15-111. The data recorded on AF Form 3803/3813 serves as the source to determine local and longline dissemination accuracy. A duplicate copy of each AF Form 3803/3813 used to record surface weather observations shall be maintained in the weather station for the period specified in AFMAN 37-139. (TE 4, CDRL 02)

5.1.2. Weather Warnings (WW). The Contractor shall issue WWs for lightning observed within 5 miles of Pease ANGB and also cancel these WWs when lightning is no longer within 5 miles. (TE 4, CDRL 10)

- 5.1.3. Weather Advisories (WA).** Disseminate observed weather advisories locally as required by local letters of agreement. (TE 4, CDRL 11)
- 5.1.4. Weather Warnings (WW).** Relay 15 OWS Weather Watches/Warnings for Pease ANGB (PWNH1) to base customers by entering the warnings into JET. (TE 4, CDRL 12)
- 5.1.5. Pilot Reports.** The Contractor shall record all PIREPS received on AF Form 3805. All PIREPs shall be disseminated locally and longline unless they repeat information contained in the most recent surface observation or are a duplicate of information from the same location within the past 30 minutes. (TE 4, CDRL 08)
- 5.1.6. Outage Reports.** The Contractor shall monitor meteorological and communications equipment operational status and report all outages to the appropriate maintenance agency. All meteorological and communications equipment outages shall be documented on an outage log. (TE 4, CDRL 03)
- 5.1.7. Barometer Standardizations.** A barometer comparison will be accomplished semi-annually between the JET barometer readout and the hand held kestrel on a locally generated form.
- 5.1.8. Data Deficiency Bulletins.** The Contractor shall monitor and respond to Data Deficiency Bulletins received from the AWN following the guidance in AFMAN 15-129.
- 5.1.9. DOD Flight Information Publications (FLIP).** The Contractor shall review each applicable FLIP to determine changes in local and special observing criteria.
- 5.1.10. Climatic Data Sets.** The Contractor shall maintain monthly climatic records and post this data to the Surface Observing Climatic Summary (SOCS).
- 5.1.11. Operational Reporting.** Aircraft mishaps and severe weather occurrences require additional notification beyond local and longline dissemination. During normal duty hours the Contractor shall notify the Wing Command Post and the QAE when either of these events occur. The Contractor shall provide the observation at the time of the event, the forecast (if known) to include any weather warnings and/or weather advisories, and the status of the meteorological equipment. If the event occurs after normal duty hours, the Contractor shall contact the QAE during duty hours the next normal duty day.
- 5.1.11.1. Aircraft Mishap Notification.** Upon observation or notification of an aircraft mishap the Contractor shall take, record, and disseminate an aircraft mishap observation according to AFMAN 15-111. The Contractor shall also annotate the wind recorder chart.
- 5.1.11.2. Severe Weather.** Upon occurrence of a tornado, winds 50 knots or greater (including gusts), or hail $\frac{3}{4}$ inch or greater on the installation, the Contractor shall prepare the Severe Weather Occurrence Worksheet and forward it to the Wing Command Post.

5.2. WEATHER SUPPORT COORDINATION. The weather support document identifies specific customer requirements. The Contractor shall use the weather support document and applicable Government directives in the performance of this contract. At least annually the QAE will coordinate the weather support documents with the customer and Contractor.

SECTION C-6**Applicable Publications and Forms**

6.1. The Contractor shall maintain one copy of the publications listed below. Supplements to the listed publications are required for the unit/customers supported.

6.1.1. The Contractor shall obtain the publications from the appropriate Air Force web site.

6.1.2. FAA publications can be obtained electronically or through Base Operations.

6.2. The current edition of the publications listed below shall be used unless as specified in paragraph 6 of the basic PWS.

<u>PUBLICATION</u>	<u>TITLE</u>	<u>MANDATORY</u> <u>ADVISORY</u>
AFMAN 15-111	Surface Weather Observations	M
AFMAN 15-124	Meteorological Codes	A
AFMAN 15-129	Weather Station Operations Guide	M
AFI 64-106-AETCSUP	Air Force Industrial Labor Relations Activities	M
DODD 5500-7	Standards of Conduct	M
Letters of Agreement	157 th ARG (Support Agreement)	M
FAA 7340.1	FAA Contractions	M
FAA 7350	Location Identifiers	A

DEPARTMENTAL FORMS

<u>AF FORMS</u>	<u>TITLE</u>	<u>MANDATORY/</u> <u>ADVISORY</u>
3813	Surface Weather Observations	M
3805	Pilot Reports	M
3806	Weather Advisory Log	M
3807	Weather Watch/Warning	M
	Local Dissemination Log/Record	M
	Equipment Service Record	M

TECHNICAL EXHIBIT 1

PERFORMANCE REQUIREMENTS SUMMARY

1. PERFORMANCE REQUIREMENTS SUMMARY (PRS). The attached PRS chart lists the PWS requirements that the Government will survey.

REQUIRED SERVICE	STANDARD	PERFORMANCE REQUIREMENT	METHOD OF SURVEILLANCE	MAXIMUM PAYMENT PERCENTAGE
RS 1; Take, record, encode, and disseminate accurate surface weather observations. Para C-5.1.1	During each hour, all required surface weather observations are taken, recorded, and encoded on AF Form 3813 error-free. All observations are disseminated locally and longline error-free. All entries on AF Form 3813 are legible and in chronological order.	PR: 1 defect. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	40%
RS 2; Disseminate timely surface weather observations. Para C-5.1.1	During each hour, surface weather observations must be disseminated locally and longline. Hourly observations between H+55-59; specials and locals within 5 minutes of occurrence.	PR: 1 defect. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	15%
RS 3; Report and document equipment and circuit outages. Para C-5.1.6	All equipment and circuit outages are reported to the appropriate agency within 20 minutes of occurrence and are documented on an outage log.	PR: 1 defect. LOT SIZE: All outages for the month.	100 Percent Checklist	5%
RS 4; Barometer Comparison	Barometer Comparison with Kestrel. Ensure backup equipment is within tolerance.		Semi-annually	N/A
RS 5; Transmit accurate and timely pilot weather reports (PIREPs). Para C-5.1.5	All PIREPs requiring dissemination are disseminated error-free within 10 minutes of receipt.	PR: 1 defect. LOT SIZE: All PIREPs for the month.	100 Percent Checklist	5%
RS 6; Relay 15 th OWS Point warnings. Para C-5.1.4	Locally relay (disseminate) all 15 th OWS point warnings timely and error free.	PR: 0 defects. LOT SIZE: All 15 th OWS point warnings issued during the month.	100 Percent Checklist	5%
RS 7; Issue an Observed Weather warning for lightning within 5nm of PEASE ANGB. Para C-5.1.2	Issue an observed weather warning whenever lightning is observed within 5NM of PEASE ANGB and cancel the warning when lightning is no longer within 5NM.	PR: 0 defects. LOT SIZE: All WWs for the month.	100 Percent Checklist	5%

RS 8; Issue all required observed weather advisories on AF Form 3806. Para. C-5.1.3	All observed weather advisories issued error-free and within 5 minutes of occurrence	PR: 0 defects. LOT SIZE: All observed advisory criteria occurrences for the month.	100 Percent Checklist	5%
RS 9; Submit Contract Data Requirements. Tech Exhibit 4	All Contract Data Requirements are received not later than the time frames set forth in Technical Exhibit 4.	PR: 0 defects. LOT SIZE: All contract data requirements for the month.	100 Percent Checklist	5%

REQUIRED SERVICE	STANDARD	PERFORMANCE REQUIREMENT	METHOD OF SURVEILLANCE	MAXIMUM PAYMENT PERCENTAGE
RS 10; Facility Operation Tasks.	Perform the following tasks:	PR: 1 defect. LOT SIZE: Number of times the tasks were required each quarter.	100 Percent Checklist (Semi-annual)	15%
Para C-1.2.2.13 (Basic PWS)	Training Record Documentation: Training record on file for each employee. Training checklist and qualification documentation included in each record.			
Para C-1.2.4, C-6 (Basic PWS)	Publications/Forms Management: Mandatory publications/forms on hand (paper or electronic version).			
Para C-1.3.2 (Basic PWS)	Quality Control Inspections: Inspections performed and defects documented. A supervisor's summary of corrective actions included with the inspections.			
Para C-5.1.1.3	Surface weather observation records: A copy of all surface weather observation records (AF Form 3803) shall be maintained in the weather station.			
Para C-5.1.9	Special and Local Weather Observation Criteria: FLIPs and Air Force directives reviewed for landing and takeoff weather criteria to ensure special and local observation criteria are current.			
Para C-5.1.10	Maintain Climatic Data Sets			

TECHNICAL EXHIBIT 2
WORKLOAD ESTIMATES

<u>SERVICE</u>	<u>QUANTITY PER MONTH</u>
Take, record, encode, and transmit accurate surface weather observations (METAR, SPECI, and local)	975
Issue Observed Weather Warnings	4
Issue Observed Weather Advisories	20
Relay Point Weather Warnings	7
Make and record barometer standardizations	Semi-annually
Disseminate pilot reports	2
Document and report equipment/circuit outages	15

TECHNICAL EXHIBIT 3

MAPS AND WORK AREA LAYOUTS

No maps are required. The contractor works on the 7th floor of the Air Traffic Control Tower. The ATCT is easily recognized on the airfield and is located at 14 Airline Avenue.

TECHNICAL EXHIBIT 4

REQUIRED REPORTS

The contractor shall submit all required reports as indicated on the attached Contract Data Requirements List. Information concerning each report's preparation and format is contained in the respective Data Item Description.

Data Item Number: 01

Title of Data Item: Contractor Quality Control Plan

Subtitle: QC Plan

Authority (DID Number): DID 01

Contract Reference: PWS Para 1.3

Requiring Office: ANG/A3OS

Frequency: Initially and as changes occur.

As of Date: At Pre-performance conference, then as of revision submission.

Date of First Submission: At Pre-performance conference

Date of Subsequent Submission: Final version by contract start date, then when changes occur.

Distribution: NGB-AQC-S: 1 regular copy; QAE: 1 repro copy

Remarks: None

Data Item Number: 02

Title of Data Item: Surface Observation Record

Subtitle: AF Form 3813

Authority (DID Number): DID 02

Contract Reference: PWS Para 5.1.1.3

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: AFCCC: 1 electronic copy/ QAE: 1 electronic copy

Remarks: None

Data Item Number: 03

Title of Data Item: Equipment/Circuit Service Record

Subtitle: Outage Log

Authority (DID Number): DID 03

Contract Reference: PWS Para 5.1.6

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 electronic copy

Remarks: None

Data Item Number: 04

Title of Data Item: Longline Dissemination Record

Subtitle: None

Authority (DID Number): DID 04

Contract Reference: PWS Para 5.1.1.2

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 electronic copy

Remarks: None

Data Item Number: 05

Title of Data Item: Local Dissemination Record

Subtitle: None

Authority (DID Number): DID 05

Contract Reference: PWS Para 5.1.1.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 electronic copy

Remarks: None

Data Item Number: 06

Title of Data Item: Local Dissemination Log

Subtitle: None

Authority (DID Number): DID 06

Contract Reference: PWS Para 5.1.1.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 electronic copy

Remarks: None

Data Item Number: 07

Title of Data Item: Kestrel Barometer Standardization

Subtitle: Local Form

Authority (DID Number): DID 07

Contract Reference: PWS Para 5.1.7

Requiring Office: ANG/A3OS

Frequency: At least semi-annually or when required by AFMAN 15-111 or ANG QAE.

As of Date: When required by AFMAN 15-111.

Date of First Submission: Upon completion of first standardization after contract start date.

Date of Subsequent Submission: Submit NLT 5th workday of the month following as of date.

Distribution: QAE: N/A

Remarks: None

Data Item Number: 08

Title of Data Item: Pilot Report (PIREP)

Subtitle: AF Form 3805

Authority (DID Number): DID 08

Contract Reference: PWS Para 5.1.5

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 electronic copy

Remarks: None

Data Item Number 09: Wind Recorder Records (N/A)

Data Item Number: 10

Title of Data Item: Weather Watch/Warning Notification

Subtitle: AF Form 3807

Authority (DID Number): DID 10

Contract Reference: PWS Para 5.1.2

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 electronic copy

Remarks: None

Data Item Number: 11

Title of Data Item: Weather Advisory Log

Subtitle: AF Form 3806

Authority (DID Number): DID 11

Contract Reference: PWS Para 5.1.3

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 electronic copy

Remarks: None

Data Item Number: 12

Title of Data Item: 15 OWS Weather Warnings

Subtitle: N/A

Authority (DID Number): DID 12

Contract Reference: PWS Paras 5.1.4

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 electronic copy

Remarks: None

1. Title: Contractor Quality Control Plan (DID 01)

2. Description/Purpose: This document outlines the contractor's quality control requirements and procedures required by this contract. The plan contains the specific details of how the contractor performs quality control to ensure the standards for products and services under this contract are met. The QAE periodically reviews the contractor's quality control plan documentation to determine compliance and implementation and to assess the effectiveness of quality control policies and procedures.

3. Preparation Instructions:

3.1. The contractor shall provide a quality control plan to the contracting officer as prescribed in Section C-1, paragraph 1.3 and whenever changes occur.

4. Distribution: Not Applicable. Title: Surface Observation Records (AF Form 3813) (DID 02)

2. Description/Purpose: Used to record the weather observation for the station. Observation types include METAR (SA), SPECI (SP), and Local (L). The AF Form 3813 is the official source document for weather conditions at the station. Data recorded on the form is used for climatological studies and aircraft accident investigations.

3. Preparation Instructions:

3.1. The contractor shall chronologically record surface weather observations on the AF Form 3813. The contractor shall follow the procedures detailed in AFMAN 15-111 for recording and encoding. All entries on the AF Form 3813 must be legible.

3.2. The original electronic AF Form 3813 shall be forwarded each month to AFCCC in accordance with AFCCC instructions. One reproduced copy of AF Form 3813 for the first through the last day of the month shall be forwarded to the QAE.

4. Distribution: Not Applicable

1. Title: Weather Equipment/Communications Outage Record (DID 03)
2. Description/Purpose: Used to depict a chronology of equipment and circuit problems and to document actions taken to resolve these outages.
3. Preparation Instructions:
 - 3.1. The contractor documents and reports weather equipment, communications equipment, and circuit outages as required by PWS paragraph 5.6.6.
 - 3.2. The Weather Equipment/Communications Outage Record shall include, as a minimum, the following information:
 - Circuit identification or equipment type
 - DATE/TIME (Z) of the outage (All outages recorded chronologically)
 - DATE/TIME (Z) maintenance was notified
 - Job Control or Work Order Number if assigned
 - Initials of maintenance person receiving the outage report
 - DATE/TIME (Z) when circuit was restored or equipment was repaired
 - Remarks (Fully explains the outage, projected restoral date, corrective actions, and/or FOLLOW-UP status)
 - Initials of person recording the entries
 - 3.3. Document FOLLOW-UP status checks on a separate line. Use the term FOLLOW-UP to indicate the status check, refer to the original job control/work order number, include time of status check, and document in remarks any changes concerning restoral.
 - 3.4. Make daily FOLLOW-UP contacts on outage lasting 24 hours or longer. Daily FOLLOW-UP calls are not required if the maintainer provides a projected restoral date. If the outage is not corrected by the projected date, FOLLOW-UP calls are required daily unless the maintainer establishes a new projected restoral date.
4. Distribution: Not Applicable

1. Title: Longline Dissemination Records (DID 04)
2. Description/Purpose: A printed copy of weather data transmitted longline via JAAWIN into the Automated Weather Network. The printout is used to confirm dissemination and to quality control the accuracy of products.
3. Preparation Instructions:
 - 3.1. The contractor shall encode and transmit weather data as required by AFMAN 15-111 and AFMAN 15-124.
 - 3.2. Using the JAAWIN, the station shall file and retain a hard copy of all longline transmissions. Each day's copy/file shall cover the period midnight local standard time to midnight local standard time. Enter the day/month/year on all printouts.
4. Distribution: Not Applicable

1. Title: Local Dissemination Records (DID 05)
2. Description/Purpose: A copy of weather data disseminated to local customers via the Local Weather Dissemination System (LWDS). This record verifies the local dissemination of weather data.
3. Preparation Instructions:
 - 3.1. The contractor disseminates weather information locally by means of the LWDS. The LWDS printout is a record copy on which all locally disseminated weather information (observations, warnings, PIREPs, etc.) is recorded. As a minimum, the contractor shall place the date on each day's printout. The printout shall coincide with each calendar day from midnight local time to midnight local time. Any missing parts of the record must be explained by and accompanied with an entry on the equipment outage log.
4. Distribution: Not Applicable

1. Title: Local Dissemination Log (DID 06)
2. Description/Purpose: The Local Dissemination Log/Record is used to document voice dissemination of weather information.
3. Preparation Instructions:
 - 3.1. When the contractor must disseminate weather information locally by voice, a record of these disseminations is documented on a Dissemination Log. The Dissemination Log shall contain the following information as a minimum:
 - Product Type: Enter acronym for type of product being disseminated, e.g., SA, L, WW, WA, etc.
 - Time (Z): Enter time ascribed to the product.
 - Initials: Enter initials of person making the dissemination.
 - Agency: Enter acronym for the agency the product is disseminated to. The number of Agency columns should be sufficient for all agencies normally requiring dissemination.
 - Time (Z): Enter the time the product was disseminated to the agency.
 - Initials: Enter initials of person receiving the product.
 - Remarks: Enter remarks to explain any delays or non-deliveries, or other pertinent information.
 - 3.2. Each page of the Local Dissemination Log shall have the Day/Month/Year the products were disseminated.
4. Distribution: Not Applicable

1. Title: Kestrel/JET Barometer Comparison (DID 07)
2. Description/Purpose: Used to document all Kestrel/JET barometer comparisons required by AFMAN 15-111. Provides historical case file documentation required between Kestrel and JET barometer readings.
3. Preparation Instructions:
 - 3.1. The contractor shall perform Kestrel/JET barometer standardizations semi-annually and document the comparisons on a local form as required by AFMAN 15-111.
4. Distribution: Not Applicable

1. Title: Pilot Report (PIREP) – AF Form 3805 (DID 08)
2. Description/Purpose: AF Form 3805 is used to record the receipt and dissemination of PIREPs. The form is also used to arrange the pilot reported information into transmission format.
3. Preparation Instructions: The contractor shall record PIREPs on AF Form 3805 following the procedures for encoding and dissemination in AFMAN 15-124.
4. Distribution: Not Applicable

1. Title: Wind Recorder Records (DID 09) N/A

1. Title: Weather Warning Notification (AF Form 3807) (DID 10)
2. Description/Purpose: The AF Form 3807 records the text and valid period of weather warnings and watches for a specific area. It also documents dissemination of warning and watch information to requiring agencies.
3. Preparation Instructions:
 - 3.1. The Contractor shall prepare, disseminate, and document issuance, correction, and cancellation of observed weather warnings for lightning as required by AFMAN 15-129. All actions (issuance, correction or cancellation) shall be documented in the Dissemination Section of the AF Form 3807. The pertinent action along with the time (Z) and observer's initials shall be recorded in this section, e.g. COR 2208Z JB or CANX 1743 KC.
 - 3.2. Each warning shall clearly indicate the warning number, areal coverage, and text.
4. Distribution: Not Applicable

1. Title: Weather Advisory Log (AF Form 3806) (DID11)
2. Description/Purpose: The AF Form 3806 records the text, valid period, and dissemination of weather advisories.
3. Preparation Instructions:
 - 3.1. The Contractor shall prepare, disseminate, and document issuance, correction, and cancellation of observed weather advisories as required by AFMAN 15-129 and the Pease ANGB Letter of Agreement. All actions (issuance, correction or cancellation) shall be documented in the Dissemination Section of the AF Form 3806. The pertinent action along with the time (Z) and observer's initials shall be recorded in this section, e.g. COR 2208Z JB or CANX 1743 KC.
4. Distribution: Not Applicable

1. Title: 15 OWS Weather Warnings/Watches (DID 12)

2. Description/Purpose: 15 OWS Weather Warnings/watches are transmitted to using weather stations via weather communications circuits.

3. Preparation Instructions:

3.1. On-base dissemination: The contractor shall printout each 15 OWS weather warning/watch and document the date/time when it was received on the printout copy. The contractor shall disseminate the weather warning/watch information via JET to all local customers using the AF Form 3807. A copy of the weather warning/watch shall be attached to the AF Form 3807. Copies of all weather warnings disseminated during the month shall be forwarded to the QAE.

3. Distribution: Not Applicable

TECHNICAL EXHIBIT 5a

GOVERNMENT-FURNISHED FACILITIES

The contractor shall perform weather observing duties from the 7th floor of the Air Traffic Control Tower located at 14 Airline Avenue, Portsmouth ATCT, Portsmouth NH 03803 .

TECHICAL EXHIBIT 5b
GOVERNMENT FURNISHED EQUIPMENT

NOMENCLATURE QUANTITY

Sims Anemometer 1

Rain Gauge 1

Belt Weather Kit 1

Computer 1

Storage Cabinets 1

Desks 2

Chairs 3

Bookcase 1

Binoculars 1

Sling Psychrometer
(LM-24) 1

Psychrometric
Calculator 1

Pressure Reduction
Computer (Wheel)

PERFORMANCE WORK STATEMENT

TAB F

SELFRIDGE ANGB, MICHIGAN

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GENERAL INFORMATION

1.1. The Selfridge weather facility provides weather support services of surface weather observing, forecasting, aircrew briefing, and staff weather support to the 127th Wing (ANG), 127th Air Refueling Group (ANG), 171st Air Refueling Squadron (ANG), 107th Fighter Squadron (ANG), Aviation support Facility #2 (Army National Guard) , Department of Homeland Security Great Lakes Air and Marine Wing, Coast Guard Air Station – Detroit, U.S. Customs and Border Patrol, Naval Reserve Training Center- Detroit, Naval Operations Support Center, Marine Wing Support Group 47, and other active duty and reserve components on-base.

1.2. HOURS OF OPERATION.

1.2.1. **Normal Hours of Operation.** The Contractor shall perform the services required under this contract during the following hours: **Observing/Forecasting:** 0400L–2300L, 7 days per week, closed on Federal Holidays. The Contractor will have one Meteorological Technician on duty at all times. The supervisor will be on duty during the day shift and have a floating work schedule to assist as needed in the event of severe weather.

1.2.2. **Emergency or Special Event Services:** On occasion, the Contractor will be required to perform additional observing or forecasting tasks set forth in Section C-5 that require additional personnel. This may entail a workload increase due to special missions or severe weather management. The Contractor shall provide these services when required by the Contracting Officer or his authorized representative, at the contract line item price for these contingency services. The Contracting Officer or his authorized representative will provide notification of 24 hour per day support to the Contractor no later than 1630L the day prior to such requirement. In the case of extended services of less than 24 hours per day, attempts from the Contracting Officer will be made to notify the Contractor of such requirement prior to 1630L the day prior. However, such services may be required with little or no notice (e.g. severe weather). Examples of situations requiring contingency support include, but are not limited to, exercises, surge requirements, disasters, accident and rescue operations, deployments, nighttime flying, and severe weather. Procedures for requesting Contracting Officer authorization to provide emergency or special event services are detailed in Section C-5.

1.2.2.1. The Contractor shall invoice for contingency services on a monthly basis commensurate with his normal monthly invoice for the basic weather services. Prior to submission of such invoice, the Contractor shall obtain certification of contingency support man-hours worked from the Contracting Officer or his authorized representative who authorized such services.

SECTION C-3

GOVERNMENT-FURNISHED PROPERTY AND SERVICES

3.1. **Telephone Service.** Government telephone service of Class "A" and DSN access shall be provided for Contractor use for conduct of official business. Direct Lines or Hot Lines shall be installed at the customers request.

3.2. **Information Technology Service.** Access to the NIPRNET via the Base LAN shall be provided for Contractor use for operational and administrative business. Access shall be provided to specified ports for interface with required end stations. Equipment currently on the ADPE/IT account will be maintained, provided adequate supplies to meet mission requirements, and updated to remain consistent with base assets.

3.3. **Installation Mail Service.** The official on-base mailing and shipping address for the Contractor is: 29080 Wilbur Wright Blvd, Bldg 50, Selfridge ANGB, MI 48045.

3.4. **Security Police and Fire Protection.** Security police and fire protection is available by calling 911.

3.5. **Emergency Medical Service.** Emergency medical care is available by calling 911.

3.6. **Janitorial Service.** The government shall provide janitorial services to include cleaning, and removing trash,

SECTION C-4

CONTRACTOR-FURNISHED ITEMS AND SERVICES

4.1. **Contract Transition Materials Inventory.** Upon termination of the contract, the Contractor shall insure that a 30-day stock level of materials and supplies needed to operate Government-furnished equipment. Although not all inclusive, the following items are normally used in Selfridge weather station operations:

<u>MATERIAL</u>	<u>EQUIPMENT/ITEM USED WITH</u>	<u>MONTHLY USAGE</u>
Computer Paper	All Printers and Fax Machines	5 Reams
Printer Toner	Black Laser Printers (Transient & BWS) N-TFS Color Laser & HP Color Laser	1 Black Cartridge (ea) 1 Black Cartridge (ea) 1 Cyan Cartridge (ea) 1 Magenta Cartridge (ea) 1 Yellow Cartridge (ea)
Printer Solid Ink	OPUP Printer	1 Black Block 1 Cyan Block 1 Magenta Block 1 Yellow Block
Print Film	Fax Machine (BWS, Transient)	1 Black Cartridge

SECTION C-5

SPECIFIC TASKS

5. GENERAL. The Selfridge weather facility provides weather support services of surface observing, forecasting, weather radar, aircrew weather briefings, and staff weather support to units located on base. Such service includes but is not limited to, requests for flight planning weather, solar or lunar data, climatology information, and further weather outlooks. The weather supervisor is a member of the air traffic control board and the snow and ice control committee. The Contractor shall conduct weather briefings during flying safety meetings upon request.

5.1. Meteorological Services. The Contractor shall provide basic weather watch, surface weather observations (automated or manual), aircrew weather briefings, meteorological watch, weather warnings/advisories, mission planning/execution forecasts, and terminal forecasts. The base weather facilities are located in building 50. The official observation site is specified as the location of the runway weather equipment. These services shall be provided in conjunction with the 15th Operational Weather Squadron as prescribed in the Memorandum of Agreement between 15OWS and the 127th Operations Group.

5.1.1. Surface Weather Observations. All surface weather observations required during each hour shall be taken, recorded, encoded, and disseminated error-free using the codes and procedures prescribed in AFMAN 15-111. Corrections shall be disseminated within 20-minutes of the original transmission time. If the next observation is transmitted within the 20-minute period and it corrects the incorrect element, the original observation will be considered error-free.

5.1.1.1. Local. Accurate and timely surface weather observations shall be disseminated locally as required by AFMAN 15-111 and Selfridge Instruction (SANGBI) 15-1. (TE 4, CDRL 05, 06)

5.1.1.2. Longline. Accurate and timely surface weather observations shall be disseminated longline on the Air Force Weather Network via N-TFS, JET, or JAAWIN using the content and format required by AFMAN 15-111. (TE 4, CDRL 04)

5.1.1.2.1. Back-Up Calls. During N-TFS/JET outages, the Contractor may notify another unit not affected by the outage who will disseminate the surface weather observation into the Air Force Weather Network. The Contractor may also use JAAWIN to disseminate observations during N-TFS/JET outages.

5.1.1.3. Surface Weather Observing Records. The Contractor shall record timely, accurate, and legible surface weather observations on AF Form 3803 or 3813 as prescribed in AFMAN 15-111. The data recorded on AF Form 3803/3813 serves as the source to determine local and longline dissemination accuracy. A duplicate copy of each AF Form 3803/3813 used to record surface weather observations shall be maintained in the weather station for the period specified in AFMAN 37-139. (TE 4, CDRL 02)

5.1.2. Meteorological Watch. Meteorological Watch shall be conducted as required by SANGBI 15-1.

5.1.2.1. Weather Watches, Weather Warnings (WW), and Weather Advisories (WA). Weather Watches, WWs and WAs shall be issued, extended, and cancelled as prescribed in SANGBI 15-1 and MOA between the 127th Operations Group and 15th Operational Weather Squadron. Weather watch, warning and advisory criteria, lead-times, and notifications are also prescribed in SANGBI 15-1 and MOA between the 127th Operations Group and 15th Operational Weather Squadron. (TE 4, CDRL 10, 11)

5.1.2.2. Terminal Aerodrome Forecasts (TAFs)

5.1.2.2.1. TAFs shall be prepared by 15OWS. The contractor shall prepare the TAF when requested to do so by 15OWS. (TE4, CDRL 9)

5.1.2.2.2. The TAF is filed every 8 hours. The scheduled TAF file times for Selfridge are 0215Z, 1015Z ,and 1815Z. During daylight saving time, scheduled TAF file times are 0115Z, 0915Z, and 1715Z.

5.1.2.3. Mission Execution Forecasts (MEFs) The Contractor shall tailor the current TAF issued by 15OWS to meet each customer's mission requirements. This may be in the form of a flimsy, BWS Form 175-1, or other approved briefing format.

5.1.3. Flight Weather Briefings. The Contractor shall provide aircrew briefings and route forecasts as required by AFI 11-202, Volume 3 and document these briefings on BWS Form 175-1 or any another approved aircrew-briefing form. The Contractor shall provide or display pertinent weather charts as requested by aircrew members for flight weather briefings. The Contractor shall ensure all significant weather that may pose a hazard to aircraft operations is briefed to the aircrew. (TE 4, CDRL 13)

5.1.4. Barometry. A barometer comparison will be completed semi-annually with the NTFS/JET barometers and the handheld Kestrel on a locally generated form. (TE 4 CDRL 7)

5.1.5. Outage Reports. The Contractor shall monitor meteorological and communications equipment operational status and report all outages to the appropriate maintenance agency. All meteorological and communications equipment outages will be documented on an outage log IAW BWS SOPs. Equipment restoration priorities are documented in SANGBI 15-1. (TE 4, CDRL 03)

5.1.6. Pilot-To-Metro Service (PMSV). The Contractor operates a PMSV radio IAW SANGBI 15-1. The Contractor shall answer calls for assistance from aircrews within 15 seconds. All calls received shall be logged on an approved form. The Contractor will solicit PIREPs from each airborne contact. All PIREPs received will be recorded on AF Form 3805, encoded IAW AFMAN 15-124, and disseminated via N-TFS. All PIREPs received shall be disseminated locally and longline unless they repeat information contained in the most recent surface observation or are a duplicate of information from the same location within the past 30 minutes. (TE 4, CDRL 04, 05, 08, 12)

5.1.7. DOD Flight Information Publications (FLIP). The Contractor shall ensure their PMSV information is current and correctly described in the FLIP. The Contractor shall advise the Chief of Airfield Management in writing of changes to PMSV information as soon as the changes are known but no later than 5 days from the effective date of the change. The Contractor shall also review each applicable FLIP to determine changes in local and special observing criteria.

5.1.8. Staff Weather Briefings. Staff weather briefings shall be provided as specified in SANGBI 15-1.

5.1.9. Emergency or Special Event Support. The Contractor shall perform those tasks listed within this section appropriate to the support requested. For example, a severe weather support episode might require resource protection support (radar operation and weather warning/watch/advisory notification) but not MEF or flight weather briefing support. Whereas, increased operational flying support requirements might entail surface weather observation, MEF, and flight weather briefing support as well as resource protection support. The Contractor shall request, in writing, clarification from the Contracting Officer whenever he/she has a question as to the specific tasks to be performed in support of emergencies or special events. Emergency or special event support requests will be processed as in 5.1.9.1.

5.1.9.1. Processing of Emergency or Special Event Support Requests. Requests for weather support requiring additional manpower from that specified in paragraph 1.6.1, Section C-1 may originate from a customer or be generated from within the BWS. Such requests must be approved, in advance whenever possible, by the Contracting Officer. If advance notice is not practical, the Contractor is still required to respond within 1 hour of notification and provide the appropriate support services. Requests can be classified as Routine, Very Short Notice, or No Notice. Reproducible copies of the "Request for Contingency Support" and "Certification of

Contingency Hours Worked" forms will be provided to the Contractor at the Pre-performance Conference.

5.1.9.1.1. Routine Requests. Those requests submitted to the BWS more than 2 workdays prior to the start of the support. The customer must complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. The BWS supervisor will review the request, complete the 1st endorsement and forward it to the QAE at least 2 workdays prior to the start date of the support. The QAE will evaluate the request, complete the 2nd endorsement, and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given no later than 1630L the day prior to the requirement. If approved, the next regular workday following the provision of the support, the BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.9.1.2. Very Short Notice Requests. Situations may arise which allow only minimal time for coordination of a request. These requests will usually be 2 work days or less prior to the start of the support. As circumstances permit, the customer should complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. In those cases where circumstances do not allow for the customer to complete paragraph 1, the BWS supervisor will complete it (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and forward it to the QAE. The QAE will evaluate the request, complete the 2nd endorsement, and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given as soon as practical. If approved, the next regular workday following the provision of the support, the BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.9.1.3. No Notice Requests. A situation may arise, such as the threat of severe weather, which requires immediate support, but coordination with the Contracting Officer is not practical. The BWS supervisor will use their best judgment in providing any necessary support services. No later than the next regular work day following the support, the BWS supervisor will complete paragraph 1 (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and "Certification of Contingency Hours Worked" and forward it to the QAE. The QAE will complete the 2nd endorsement and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form.

5.1.9.1.4. Cancellations. In the event the requested support is canceled, the BWS supervisor shall complete "Certification of Contingency Hours Worked" certifying no hours were worked and an explanation why the support was canceled. This form shall be provided to the QAE no later than the next working day following the canceled support.

5.1.9.2. Billing. The Contractor shall invoice monthly for approved emergency or special event support services basis when the normal monthly invoice for basic weather services is submitted.

5.1.10. Non-weather Personnel Training. The Contractor shall provide weather orientation to air traffic control personnel and certify these personnel to take tower visibility observations as required by SANGBI 15-1.

5.1.11. Operational Reporting. Aircraft mishaps and severe weather occurrences require additional notification beyond local and longline dissemination. During normal duty hours the Contractor shall notify the 127th Wing Command Post and the QAE when either of these events occur. The Contractor shall provide the observation at the time of the event, the forecast (if known) to include any weather warnings and/or weather advisories, and the status of the meteorological equipment. If the event occurs after normal duty hours, the Contractor shall contact the ANG Readiness Center Command Post (Andrews AFB MD) and the QAE during duty hours the next normal duty day.

5.1.11.1. Aircraft Mishap Notification. Upon observation or notification of an aircraft mishap the Contractor shall take, record, and disseminate an aircraft mishap observation according to AFMAN 15-111 and SANGBI 15-1. The Contractor shall also save any WSR-88D OPUP information and print a copy of wind data for the period of the mishap (including time of mishap annotated and include in mishap package).

5.1.11.2. Severe Weather. Upon occurrence of a tornado, winds 50 knots or greater (including gusts), or hail $\frac{3}{4}$ inch or greater on the installation, the Contractor shall prepare the Severe Weather Occurrence Worksheet and forward it to the 127th Wing Command Post.

5.1.12. Forecast Product Quality. The Contractor shall maintain minimum standards for certain Mission Execution Forecast products when required to provide them. These include MEF accuracy at a selected hour(s), use of TEMPO groups within the MEF, and timeliness.

5.1.13. Weather Radar. The Contractor shall monitor the WSR-88D OPUP for thunderstorms/severe weather and advise the 15th OWS on any appropriate weather warnings or advisories that may need to be issued based on the radar information. Radar operation shall be in accordance with Operator Handbooks and Air Force directives.

5.1.14. Climatic Data Sets. The Contractor shall maintain monthly climatic records and post this data to the Surface Observing Climatic Summary (SOCS).

5.1.15. Data Requirements. The Contractor shall establish and maintain alphanumeric and graphic data requirements for the N-TFS when requested to do so by Air force Weather Agency. All weather data is available routinely in the NTFS data base.

5.1.16. Duty Priorities. A duty priority list shall be established and maintained in SANGBI 15-1. A copy of the list shall be posted near the forecast counter for customers to review.

5.1.17. Electro-Optic (EO) Support. The Contractor shall provide EO support when required by the 127th Wing. Support shall be provided using the current tactical decision aid (TDA), meteorological input, and 127th Wing input.

5.1.18. New Tactical Forecast System (N-TFS)/Joint Environmental Toolkit (JET) System Manager Duties. The N-TFS/JET System Manager shall manage the systems operations. System manager duties include, but are not limited to providing training to new employees as necessary, modifying system tables, coordinating data requirements with AFW, creating plot models, database interaction/checks, event log processing, writing a CD from queue, printing from a CD, program updates/modifications, and CD operations. The System Manager shall ensure the equipment and circuit configuration is not altered without the consent of the maintenance agency or Air Force Weather Help Desk.

5.2.1 WEATHER SUPPORT COORDINATION. The weather support document (SANGBI 15-1) identifies specific customer requirements. The Contractor shall use the weather support document and applicable Government directives in the performance of this contract. At least annually the document OPR will coordinate the weather support document with the customers, Contractor, and QAE.

SECTION C-6

Applicable Publications and Forms

6.1. Contractor will provide the required publications and forms.

6.1.1. FAA publications will be obtained electronically or through Base Operations.

6.2. The current edition of the publications listed below shall be used.

<u>PUBLICATION</u>	<u>TITLE</u>	<u>MANDATORY ADVISORY</u>
AFI 11-202, Vol 3	General Flight Rules	A
AFMAN 15-111	Surface Weather Observations	M
AFMAN 15-124	Meteorological Codes	M
AFI 15-128	Air and Space Weather Operations- Roles and Responsibilities	A
AFI 15-129	Air and Space Weather Operations-Processes and Procedures	M
AFMAN 23-110 Vol 2, Part 13	Standard Base Supply Customer's Procedures	M
AFI 37-161	Distribution Management	M
AFI 64-106	Air Force Industrial Labor Relations Activities	M
DODD 5500-7	Standards of Conduct	M
DODR 5220-22	Industrial Security Regulation	M
SANGBI 15-1	Weather Support	M
AFWA/TN-98/002	Meteorological Techniques	M
AWS/TR-80/003	Calculating Toxic Corridors	A
FAA 7340.1	FAA Contractions	M
FAA 7350.7B	Location identifiers	A
ICAO 7910	Location Identifiers	A
WSR-88D	WSR-88D Operator Handbook Set – Volumes 1-3	M
MOA	Interagency Operations of WSR-88D (2004)	A

MOA

Between 15OWS and 127OG

M

DEPARTMENTAL FORMS

<u>AF FORMS</u>	<u>TITLE</u>	<u>MANDATORY ADVISORY</u>
126	Custodian Request Log	M
601	Equipment Action Request	M
2005	Issue/Turn-In Request	M
3803	Surface Weather Observations	M
3805	Pilot Report	M
3806	Weather Advisory Log	M
3807	Weather Watch/Warning Notification	M
3811	Quality Control Register	M
<u>DD FORMS</u>	<u>TITLE</u>	<u>MANDATORY ADVISORY</u>
175-1	Flight Weather Briefing	M

TECHNICAL EXHIBIT 1

Performance Requirements Summary

REQUIRED SERVICE	STANDARD	PERFORMANCE REQUIREMENT	METHOD OF SURVEILLANCE	MAXIMUM PAYMENT PERCENTAGE
RS 1; Take, record, encode, and disseminate accurate surface weather observations. Para C-5.1.1	During each hour, all required surface weather observations are taken, recorded, and encoded on AF Form 3803 or 3813 error-free. All observations are disseminated locally and longline error-free. All entries on AF Form 3803 or 3813 are legible and in chronological order.	PR: 1 defect. LOT SIZE: Total numbers of hours manual or augmented weather observations are required each month.	Random Sample	25%
RS 2; Disseminate timely surface weather observations. Para C-5.1.1	During each hour, surface weather observations must be disseminated locally and longline. Hourly observations between H+55-59; specials and locals within 5 minutes of occurrence.	PR: 1 defect. LOT SIZE: Total numbers of hours manual or augmented weather observations are required each month.	Random Sample	10%
RS 3; Report and document equipment and circuit outages. Para C-5.1.5	All equipment and circuit outages are reported to the appropriate agency within 20 minutes of occurrence and are documented on an outage log.	PR: 1 defect. LOT SIZE: All outages for the month.	100 Percent Checklist	10%
RS 4; Barometer Comparison	Comparisons must be made with backup equipment to ensure tolerance.		Semi-annually 100 Percent Checklist	N/A
RS 5; Transmit accurate and timely pilot weather reports (PIREPs). Para C-5.1.6	All PIREPs requiring dissemination are disseminated error-free within 10 minutes of receipt.	PR: 1 defect. LOT SIZE: All PIREPs for the month.	100 Percent Checklist	5%
RS 6; Transmit accurate and timely weather warnings (WW) and watches.	Transmit all required WWs and Watches error-free. Issue all observed WWs within 5 minutes of occurrence.	PR: 0 defects. LOT SIZE: All locally produced WWs and Watches for the month.	100 Percent Checklist	5%

Para C-5.1.2.1				
RS 7; Transmit accurate and timely weather advisories (WA). Para C-5.1.2.1	Transmit all required WAs error-free. Issue all observed WAs within 5 minutes of occurrence.	PR: 1 defect. LOT SIZE: All locally produced WAs for the month.	100 Percent Checklist	5%
RS 8; N/A			Random Sample	
RS 9; Provide accurate Mission Execution Forecasts (MEFs). Para C-5.1.3	All BWS Form 175-1s, other approved weather briefing forms, and local aircrew briefing logs, are error-free.	PR: 1 defect. LOT SIZE: All aircrew briefings for the month.	Random Sample	20%
RS 10; N/A				
RS 11; Submit Contract Data Requirements. Tech Exhibit 4	All Contract Data Requirements are received not later than the time frames set forth in Technical Exhibit 4.	PR: 0 defects. LOT SIZE: All contract data requirements for the month.	100 Percent Checklist	10%

REQUIRED SERVICE	STANDARD	PERFORMANCE REQUIREMENT	METHOD OF SURVEILLANCE	MAXIMUM PAYMENT PERCENTAGE
RS 12; Facility Operation Tasks.	Perform the following tasks:	PR: 1 defect. LOT SIZE: Number of times the tasks were required each quarter.	100 Percent Checklist (Semi-annual)	10%
Para C-1.2.2.14 (Basic PWS)	Training Record Documentation: Training record on file for each employee. Training checklist and qualification documentation included in each record.			
Para C-6 (Basic PWS)	Publications/Forms Management: Mandatory publications/forms on hand (paper or electronic version).			
Para C-1.3 (Basic PWS)	Quality Control Inspections: Inspections performed and defects documented. A supervisor's summary of corrective actions included with the inspections.			
Para C-5.1.1.3	Surface weather observation records: A copy of all surface weather observation records (AF Form 3803/3813) shall be maintained in the weather station.			
Para C-5.1.7	Special and Local Weather Observation Criteria: FLIPs and Air Force directives reviewed for landing and takeoff weather criteria to ensure special and local observation criteria are current.			
Para C-5.1.14	Maintain Climatic Data Sets and provide copies to customers when required.			
Para C-1.2.4 (Basic PWS)	Equipment Custodian Records: Required training received and documented. Records and transactions properly monitored and documented. Equipment inventoried when			

	required.			
Para C-1.2.5, 1.2.6,(Basic PWS)	N-TFS and OPUP managers appointed in writing.			
Para C-5.1.7	Hours of weather station operation, services, and limitations correctly reflected in the Flight Information Publications (FLIPs).			
Para C-5.1.10	Provide non-weather personnel training. Training program established and conducted as coordinated with customers.			

TECHNICAL EXHIBIT 2

WORKLOAD ESTIMATES

<u>SERVICE</u>	<u>QUANTITY PER MONTH</u>
Take, record, encode, and transmit accurate surface weather observations (METAR, SPECI, and local)	950
Prepare and Issue Observed Weather Warnings	15
Prepare and Issue Observed Weather Advisories	20
Prepare, Issue, and Relay Point Weather Warnings	5
Document and report equipment/circuit outages	12
Prepare and Issue Terminal Aerodrome Forecasts and Amendments	125
Prepare and Brief BWS Form 175-1	65

Prepare and Brief Local Weather Briefings (BWS Form 28-MOA/Range Flimsy, Coast Guard Flimsy, 185 th Flimsy, ARS MPF, DHS MPF)	550
Prepare and Deliver Staff Weather Briefings	25
Prepare and Issue Forecast Weather Warnings	4
Prepare and Issue Forecast Weather Watches	7
Prepare and Issue Forecast Weather Advisories	5
Prepare Special Request Climatological Packages	2

TECHNICAL EXHIBIT 3

MAPS AND WORK AREA LAYOUTS

No maps required. The weather station is located on the first floor of the Base Operations Building, Bldg #50. An area of approximately 850 sq ft is provided.

TECHNICAL EXHIBIT 4

REQUIRED REPORTS

The contractor shall submit all required reports as indicated on the attached Contract Data Requirements List. Information concerning each report's preparation and format is contained in the respective Data Item Description.

Data Item Number: 01

Title of Data Item: Contractor Quality Control Plan

Subtitle: QC Plan

Authority (DID Number): DID 01

Contract Reference: PWS Para 1.3

Requiring Office: ANG/A3OS

Frequency: Initially and as changes occur.

As of Date: At Pre-performance conference, then as of revision submission.

Date of First Submission: At Pre-performance conference

Date of Subsequent Submission: Final version by contract start date, then when changes occur.

Distribution: NGB-AQC-S: 1 regular copy; QAE: 1 repro copy

Remarks: None

Data Item Number: 02

Title of Data Item: Surface Observation Record
Subtitle: AF Form 3803 or 3813
Authority (DID Number): DID 02
Contract Reference: PWS Para 5.1.1.3
Requiring Office: ANG/A3OS
Frequency: Monthly
As of Date: End of Month
Date of First Submission: 5 Nov 2010
Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.
Distribution: AFCCC: 1 electronic copy; QAE: 1 repro copy
Remarks: None

Data Item Number: 03

Title of Data Item: Equipment/Communications Outage Record
Subtitle: Outage Log
Authority (DID Number): DID 03
Contract Reference: PWS Para 5.1.5
Requiring Office: ANG/A3OS
Frequency: Monthly
As of Date: End of Month
Date of First Submission: 5 Nov 2010
Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.
Distribution: QAE: 1 regular copy
Remarks: None

Data Item Number: 04

Title of Data Item: Longline Dissemination Record
Subtitle: None
Authority (DID Number): DID 04
Contract Reference: PWS Para 5.1.1.2
Requiring Office: ANG/A3OS
Frequency: Monthly
As of Date: End of Month
Date of First Submission: 5 Nov 2010
Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.
Distribution: QAE: 1 regular copy
Remarks: None

Data Item Number: 05

Title of Data Item: Local Dissemination Record

Subtitle: None

Authority (DID Number): DID 05

Contract Reference: PWS Para 5.1.1.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 06

Title of Data Item: Local Dissemination Log

Subtitle: None

Authority (DID Number): DID 06

Contract Reference: PWS Para 5.1.1.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 07

Title of Data Item: Kestrel Barometer Standardization

Subtitle: Local Form

Authority (DID Number): DID 07

Contract Reference: PWS Para 5.1.7

Requiring Office: ANG/A3OS

Frequency: At least semi-annually or when required by AFMAN 15-111 or ANG QAE.

As of Date: When required by AFMAN 15-111.

Date of First Submission: Upon completion of first standardization after contract start date.

Date of Subsequent Submission: Submit NLT 5th workday of the month following as of date.

Distribution: QAE: N/A

Remarks: None

Data Item Number: 08

Title of Data Item: Pilot Report (PIREP)
Subtitle: AF Form 3805
Authority (DID Number): DID 08
Contract Reference: PWS Para 5.1.6
Requiring Office: ANG/A3OS
Frequency: Monthly
As of Date: End of Month
Date of First Submission: 5 Nov 2010
Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.
Distribution: QAE: 1 regular copy
Remarks: None

Data Item Number: 09

Title of Data Item: TAF (As required)
Subtitle: TAF Worksheet
Authority (DID Number): DID 09
Contract Reference: PWS Para 5.1.2.2
Requiring Office: ANG/A3OS
Frequency: Monthly
As of Date: End of Month
Date of First Submission: 5 Nov 2010
Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.
Distribution: QAE: 1 regular copy
Remarks: None

Data Item Number: 10

Title of Data Item: Weather Watch/Warning Notification
Subtitle: AF Form 3807
Authority (DID Number): DID 10
Contract Reference: PWS Para 5.1.2.1
Requiring Office: ANG/A3OS
Frequency: Monthly
As of Date: End of Month
Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 11

Title of Data Item: Weather Advisory Log

Subtitle: AF Form 3806

Authority (DID Number): DID 11

Contract Reference: PWS Para 5.1.2.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 12

Title of Data Item: Pilot-To-Metro-Service (PMSV) Log

Subtitle: None

Authority (DID Number): DID 10

Contract Reference: PWS Para 5.1.6

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 13

Title of Data Item: Flight Weather/Mission Execution Forecast (MEF) Briefing Form

Subtitle: BWS Form 175-1, locally approved MEF briefing form, and verbal briefing log.

Authority (DID Number): DID 11

Contract Reference: PWS Para 5.1.3

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy
Remarks: None

1. Title: Contractor Quality Control Plan (DID 01)

2. Description/Purpose: This document outlines the contractor's quality control requirements and procedures required by this contract. The plan contains the specific details of how the contractor performs quality control to ensure the standards for products and services under this contract are met. The QAE periodically reviews the contractor's quality control plan documentation to determine compliance and implementation and to assess the effectiveness of quality control policies and procedures.

3. Preparation Instructions:

3.1 The contractor shall provide a quality control plan to the contracting officer as prescribed in Section C-1, paragraph 1.3 and whenever changes occur.

4. Distribution: Not Applicable

1. Title: Surface Observation Records (AF Form 3803 or 3813) (DID 02)
2. Description/Purpose: Used to record the weather observation for the station. Observation types include METAR (SA or M), SPECI (SP or S), and Local (L). The AF Form 3803 or 3813 is the official source document for weather conditions at the station. Data recorded on the form is used for climatological studies and aircraft accident investigations.
3. Preparation Instructions:
 - 3.1 The Contractor shall chronologically record surface weather observations on an electronic AF Form 3803 or 3813 that has been approved for use by the Air Force Combat Climatology Center(AFCCC). The Contractor shall follow the procedures detailed in AFMAN 15-111 for recording and encoding. All AF Form 3803 or 3813 entries must be legible on both the original and the reproduced copy.
 - 3.2 The original electronic AF Form 3803 or 3813 shall be forwarded each month to AFCCC in accordance with AFCCC instructions. One reproduced copy of each AF Form 3803 or 3813 for the first through the last day of the month shall be forwarded to the QAE.
4. Distribution: Not Applicable

1. Title: Weather Equipment/Communications Outage Record (DID 03)
2. Description/Purpose: Used to depict a chronology of equipment and communications problems and to document actions taken to resolve these outages.
3. Preparation Instructions:
 - 3.1 The contractor documents and reports weather equipment, communications equipment, and circuit outages as required by PWS paragraph 5.1.5.
 - 3.2 The Weather Equipment/Communications Outage Record shall include, as a minimum, the following information:
 - Circuit identification or equipment type
 - DATE/TIME (Z) of the outage (All outages recorded chronologically)
 - DATE/TIME (Z) maintenance was notified
 - Job Control or Work Order Number if assigned
 - Initials of maintenance person receiving the outage report
 - DATE/TIME (Z) when circuit was restored or equipment was repaired
 - Remarks (Fully explains the outage, projected restoral date, corrective actions, and/or FOLLOWUP status)
 - Initials of person recording the entries
 - 3.3 Document FOLLOWUP status checks on a separate line. Use the term FOLLOWUP to indicate the status check, refer to the original job control/work order number, include time of status check, and document in remarks any changes concerning restoral.
 - 3.4 Make daily FOLLOWUP contacts on outage lasting 24 hours or longer. Daily FOLLOWUP calls are not required if the maintainer provides a projected restoral date. If the outage is not corrected by the projected date, FOLLOWUP calls are required daily unless a new projected restoral date is established by the maintainer.
4. Distribution: Not Applicable

1. Title: Longline Dissemination Records (DID 04)
2. Description/Purpose: A printed copy of weather data transmitted longline via N-TFS into the Automated Weather Network. The printout is used to confirm dissemination and to quality control the accuracy of products.
3. Preparation Instructions:
 - 3.1 The contractor shall encode and transmit weather data as required by AFMAN 15-111, AFMAN 15-124, and SANGBI 15-1.
 - 3.2 Using the N-TFS, the station shall print a hard copy of all longline transmissions. Each day's printout shall cover the period midnight local standard time to midnight local standard time. Enter the day/month/year on all printouts.
4. Distribution: Not Applicable

1. Title: Local Dissemination Records (DID 05)
2. Description/Purpose: A printed copy of weather data disseminated to local customers via the New-Tactical Forecast System (N-TFS).
3. Preparation Instructions:
 - 3.1 The contractor shall locally disseminate weather information as required by AFMAN 15-111 and SANGBI 15-1. This printout shall be a continuous record of all observations in the chronological sequence they were transmitted.
 - 3.2 The station will print a hard copy of all local disseminations to cover the period midnight local standard time to midnight local standard time. Enter the day/month/year on all printouts.
4. Distribution: Not Applicable

1. Title: Local Dissemination Log (DID 06)

2. Description/Purpose: The Local Dissemination Log/Record is used to document voice dissemination of weather information.

3. Preparation Instructions:

3.1 When the contractor must disseminate weather information locally by voice, a record of these disseminations is documented on a Dissemination Log. The Dissemination Log shall contain the following information as a minimum:

- Product Type: Enter acronym for type of product being disseminated, e.g., SA, L, TAF, WW, FWA, etc.
- Time (Z): Enter time ascribed to the product.
- Initials: Enter initials of person making the dissemination.
- Agency: Enter acronym for the agency the product is disseminated to. The number of Agency columns should be sufficient for all agencies normally requiring dissemination.
- Time (Z): Enter the time the product was disseminated to the agency.
- Initials: Enter initials of person receiving the product.
- Remarks: Enter remarks to explain any delays or non-deliveries, or other pertinent information.

3.2 Each page of the Local Dissemination Log shall have the Day/Month/Year the products were disseminated.

4. Distribution: Not Applicable

1. Title: Barometer Comparisons (DID 07)
2. Description/Purpose: Used to document all Kestrel/NTFS barometer comparisons required by AFMAN 15-111. Provides historical case file documentation required for all aneroid barometers.
3. Preparation Instructions:
 - 3.1 The contractor shall perform aneroid barometer standardizations and document the comparisons on a locally generated form.
4. Distribution: Not Applicable

1. Title: Pilot Report (PIREP) – AF Form 3805 (DID 08)
2. Description/Purpose: AF Form 3805 is used to record the receipt and dissemination of PIREPs. The form is also used to arrange the pilot reported information into transmission format.
3. Preparation Instructions: The contractor shall record PIREPs on AF Form 3805 following the procedures for encoding and dissemination in AFMAN 15-124.
4. Distribution: Not Applicable

1. Title: Terminal Forecast Worksheet (DID 09) (AS REQUIRED)
2. Description/Purpose: The TAF Worksheet provides a systematic and organized approach to forecast development. The contractor shall maintain an archive of wind data and provide the QAE with data as requested.
3. Preparation Instructions:
 - 3.1 The contractor shall document the forecast development process on the TAF Worksheet according to local instructions. All original and amended TAFs are appended to the worksheet
 - 3.2 The TAF Worksheets for the first through the last day of the month are forwarded to the QAE as required.
4. Distribution: Not Applicable

1. Title: Weather Watch/Warning Notification and Verification (AF Form 3807) (DID 10)
2. Description/Purpose: The AF Form 3807 records the text and valid period of weather warnings and watches for a specific area. It also documents dissemination of warning and watch information to requiring agencies.
3. Preparation Instructions:
 - 3.1 The contractor shall prepare, disseminate, and document issuance, correction, amendment, extension, and cancellation of weather watches and warnings as required by AFMAN 15-125, AFI 15-128, and SANGBI 15-1. All actions (issuance, correction, amendment, extension, or cancellation) shall be documented on the AF Form 3807.
 - 3.2 Each watch and warning shall clearly indicate the watch or warning number, areal coverage, valid period, and text. Only one watch and one forecast warning may be in effect at the same time, however, each may have one or more phenomena indicated, e.g. a watch for ~~“tornadoes”~~ and ~~“severe thunderstorms”~~ or a warning for ~~“winds > 50 kts and heavy snowfall of 2 inches or more.”~~ A warning for observed lightning conditions within 5 miles may be in effect at the same time as a forecast warning.
 - 3.3 All observed warnings shall be verified as to the time of first occurrence. Verification data shall be obtained from official records, e.g. weather observation records (AF Form 3803), wind records, etc.
4. Distribution: Not Applicable

1. Title: Weather Advisory Log (AF Form 3806) (DID 11)
2. Description/Purpose: The AF Form 3806 records the text, valid period, and dissemination of weather advisories.
3. Preparation Instructions:
 - 3.1 The contractor shall prepare, disseminate, and document issuance, correction, amendment, extension, and cancellation of weather advisories as required by AFMAN 15-125, AFI 15-128, and SANGBI 15-1. All actions (issuance, correction, amendment, extension, or cancellation) shall be documented on the AF Form 3806. All observed advisories shall be cancelled when the phenomena is no longer occurring.
 - 3.2 Each advisory shall clearly indicate the areal coverage, valid period, and text. Two or more advisories may be in effect at the same time, e.g. ~~low level wind shear~~ and ~~surface winds GTE 25 knots~~ or two phenomena may be included in one advisory, e.g. ~~surface winds GTE 25 knots with crosswinds GTE 20 knots.~~
 - 3.3 All observed advisories shall be verified as to the time of first occurrence. Verification data shall be obtained from official records, e.g. weather observation records (AF Form 3803), wind records, etc.
4. Distribution: Not Applicable

1. Title: Pilot-to-Metro-Service (PMSV) Log (DID 12)
2. Description/Purpose: The PMSV log is used to record radio contacts with:
 - 2.1 Pilots and their requests for weather information.
 - 2.2 Airborne or on-ground aircrews or with ATC Tower personnel to check the operation of the radio.
3. Preparation Instructions:
 - 3.1 The contractor shall record PMSV contact, including daily radio checks, on a contractor-developed form.
 - 3.2 The PMSV log shall include at least the following information:
 - DATE/TIME (Z) of the contact
 - Aircraft Call Sign or Tail Number
 - Information provided to the aircrew/pilot
 - Any information/remarks received from the aircrew/pilot
 - The initials of the person receiving the contact
 - 3.3 The contractor shall perform a PMSV radio check each day and document this check on the log. This check, which is made to assure the radio's operation, may be with any aircraft or ATC facility, e.g., Control Tower.
4. Distribution: Not Applicable

1. Title: Flight Weather/MEF Briefing Form (BWS Form 175-1, locally approved MEF briefing form, and BWS Form 28) (DID13)
2. Description/Purpose: These forms are used to document flight weather and mission briefings. BWS Form 175-1 will be the primary aircrew briefing form.
3. Preparation Instructions:
 - 3.1. The contractor shall document all flight weather briefings on a BWS Form 175-1 or locally approved MEF briefing form .
 - 3.1.1. The Local Aircrew Briefing Log shall include as a minimum, the following information:
 - Aircraft Type
 - Aircraft Call Sign or Tail Number
 - Departure ICAO/ETD (Z)
 - Destination ICAO/ETA (Z)
 - Significant/Hazardous weather anywhere along the route to include thunderstorms, turbulence, icing, and any locally issued weather warnings or advisories valid within 1 hour of ETD.
 - Weather briefed time (Z)
 - Initials of forecaster providing the briefing
 - 3.1.2. The BWS Form 175-1 shall be completed in accordance with the following instructions:

BWS Form 175-1 Instructions

Entries in individual blocks are at the discretion of the briefer, based on aircrew requirements and the weather situation. Make all time entries in Coordinated Universal Time (UTC). Enter all heights in hundreds of feet, surface level as "SFC."

TAKEOFF DATA

DATE. Enter UTC departure date in six digits (mmyydd) (i.e., 030722).

ACFT TYPE/NO. Enter aircraft type (e.g. A10, KC35) and call sign, mission number, or last three digits of tail number.

DEP POINT/ETD. Enter departure airfield call letters and estimated time of takeoff. Enter departure grid point or latitude/longitude for locations that don't have location identifiers.

RUNWAY TEMP. Enter in degrees Celsius, unless requested in Fahrenheit.

DEW POINT. Enter in degrees Celsius, unless requested in Fahrenheit.

ALSTG. Enter altimeter setting in inches of mercury to the nearest hundredth (ie: 2992).

PRES ALT. Enter pressure altitude in feet, with algebraic sign.

SURFACE WIND. Enter magnetic direction for local briefings and true for remote briefings. In either case, specify ~~mag~~ or ~~true~~ during the briefing, and suffix entries with either an ~~M~~ or ~~T~~.

CLIMB WINDS. Enter in true direction. Enter a representative wind (or winds) from takeoff to cruise altitude. Brief climb winds in layers if there are significant differences from one stratum to another.

LOCAL WEATHER WATCH/WARNING/ADVISORY. Enter any weather warnings, watches, or advisories valid for ETD +/-1 hour. For remote briefings, enter **–CHECK WITH LOCAL FLIGHT AGENCIES**”.

RSC/RCR. Enter latest reported Runway Conditions Reading (RCR) for departure airfield, if available. If not available for departure from a remote airfield, enter **–N/A**”.

TAKEOFF IMPACTS/ALTN FCSTS. Enter remarks on weather that will affect takeoff and climb (e.g., visibility, ceilings, obstructions to vision, LLWS, inversions, icing, and turbulence). Ensure the contents of the briefing and the Terminal Aerodrome Forecast are consistent. If requested, enter a terminal forecast for the takeoff alternate(s).

MIN TEMP PAST 24 HRS. Enter the lowest temperature in the past 24 hours for the mission takeoff location, when requested.

ENROUTE AND MISSION DATA

Enter data for the entire route. Insert specific briefings for ranges, air-refueling areas, or low-level routes at the appropriate point during the mission.

FLIGHT LEVEL. Enter projected flight level(s) for the mission.

WINDS/TEMP. If wind charts are attached, check box and attach charts. When charts are NOT attached, enter true wind direction at flight level in tens of degrees, speed to the nearest 5 knots. Enter temperature in degrees Celsius. If there are significant differences, break the forecast into legs (e.g., BLV-MXF 27045/-45); otherwise, brief a representative wind and temp for the entire route.

SOLAR AND LUNAR DATA. Enter all requested solar and lunar data for the mission.

THUNDERSTORMS. Enter OWS and date/time of product used and check applicable blocks. Enter geographical location and maximum tops of thunderstorms that may affect the flight. Never use the terms **cumulonimbus**” or **–CB.**” If charts are attached depicting locations, enter **–SEE ATTACHED CHARTS**” for locations.

TURBULENCE. Enter OWS and date/time of the turbulence forecast used. Check applicable blocks and enter levels and locations of turbulence (not associated with thunderstorms) that may affect the flight.

NOTE: SIGMETs are advisory in nature, like the turbulence charts produced at the 15th OWS. The forecaster must evaluate the potential and forecast the effects on the aircraft at the time. The forecaster must also alert aircrews to any existing SIGMETs that affect their mission. Annotate in the **–Remarks**” section if the forecaster disagrees with the SIGMET. Whether or not the condition described is potentially hazardous to a particular flight is for the pilot to evaluate on the basis of own experience and the operational limits of the aircraft being flown. If charts are attached depicting locations, enter **–SEE ATTACHED CHARTS**” for location.

ICING. Enter OWS and date/time of product used and check applicable blocks. Enter levels and geographical location of icing (not associated with thunderstorms) that may affect the flight. If charts are attached depicting locations, enter **–SEE ATTACHED CHARTS**” for location.

PRECIPITATION. Enter OWS and date/time of product used and check applicable blocks. Enter geographical location of precipitation areas that may affect the flight.

AIR REFUELING / MOA FORECAST

LOCATION/ FLT LVL. Enter the name of the AR track/MOA and the flight level (e.g., 330EW / 210).

CLOUDS. Enter cloud coverage and levels (e.g., BKN200/250).

VIS. Enter the visibility for out of cloud and in cloud for the projected flight level.

WEATHER/HAZARDS. Enter any weather or hazards (turbulence, icing, thunderstorms, etc.) that may be encountered.

WINDS/TEMP. Enter the winds and temperature expected at flight level.

VALID TIME. ½ hour prior to scheduled entry and 1 hour after scheduled exit.

TERMINAL FORECASTS

Enter a forecast for first stop and alternate, if an alternate is required. Brief the worst conditions expected to prevail during the valid period for both destination and alternate. Because of the complexity of the process, the necessity for and selection of alternates is a pilot decision. However, forecasters need to know basic AFI 11-206 provisions for alternate selection. Enter forecasts for subsequent stops and alternates on request, but advise the pilot that updates are necessary. Brief destination forecasts in terms that the pilot will understand.

DEST/ALTN. Enter the station identifier.

VALID TIME. Enter valid time usually as 1 hour either side of ETA. Briefings for Army aviators require a valid time from ETA through 1 hour after ETA. For flights of less than 1 hour, make the first entry the same as ETD.

SURFACE WIND. Enter true direction if the destination is an airfield other than your own; if the flight is a "round robin" that will terminate at your own airfield with no intermediate stops; enter the direction magnetic. In either case, specify "magnetic" or "true" during the briefing and suffix entries with either "M" or "T". Use five digits for entering winds for both CONUS and overseas destinations.

VIS/WEA. Enter the lowest prevailing condition expected during the valid period. Enter conditions described by a TEMPO group on the next line. Enter visibility in units that will be used at destination; e.g., visibility in meters for overseas destinations, statute miles for CONUS.

CLOUD LAYERS. Enter the lowest prevailing condition expected during the valid period. Enter conditions described by a TEMPO group on the next line.

RWY TEMP. Enter temperature in degrees Celsius unless requested in Fahrenheit.

ALTIMETER. Enter the lowest altimeter setting expected during the valid period in all cases except those in which it is impossible to obtain or determine one.

PRES ALT. Enter pressure altitude in feet, with algebraic sign.

COMMENTS/REMARKS

BRIEFED RSC/RCR. Check either Yes or Not Available.

ATTACHMENTS. Check either Yes or No.

PMSV FREQS. If Pilot Reports (PIREPs) are requested for other specific areas, enter the areas and pilot-to-metro service (PMSV) frequency.

REMARKS. Enter any other significant data.

BRIEFING RECORD

WEATHER BRIEFED TIME. Enter time the briefing was completed. Prefix with ~~E~~ for fax or phone briefings.

FLIMSY BRIEFING NUMBER. Use format of ~~mm~~-dd/Acft Call Sign" (e.g. 03-12/AUTO71).

FORECASTER'S INITIALS. Enter legible initials of forecaster providing briefing.

NAME OF PERSON RECEIVING BRIEFING. (Remote Briefings only). Enter name and grade.

VOID TIME (Army, Navy/Marines Only). Army: Add 1:30 to the entry in ~~Weather Briefed~~" and enter it in this block. Navy/Marines: Void time of the brief will not exceed 1/2 hour past ETD or 2 hours from the time entered under ~~Weather Briefed~~" or ~~Weather Restricted~~."

EXTENDED TO/INITIALS (Army, Navy/Marines Only). When an Army or Navy/Marine pilot asks for an extension, recheck all weather entries, rebrief, and make required changes in green. Army: Add 1:30 to the new ~~Weather Briefed~~" time and enter it in this block. Navy/Marines: Enter time of extension of the briefing ~~void time~~" as appropriate, indicated above.

WEATHER REBRIEF TIME/INITIALS (not required for Army, Army equivalent is ~~extended to~~" entry). If weather is rebriefed, make changes to original weather entries in green, and enter the time the rebriefing was completed, and forecaster initials.

WX DEBRIEF TIME/INITIALS. Enter time and initials of the forecaster providing the debriefing upon completion of the mission.

3.1.2.1. If an entry is made in a block, it must conform to the basic guidance listed above.

3.1.2.2. Entries between blocks must be consistent.

4. Distribution: Not Applicable

TECHNICAL EXHIBIT 5a

GOVERNMENT-FURNISHED FACILITIES

The Contractor shall perform weather observing duties from the Base Operations building (Bldg 50) at Selfridge ANGB. The Contractor will be provided an area of approximately 850 sq ft located in Bldg. 50 which will be used for the weather support activities, weather equipment, and for the contract management office space.

TECHNICAL EXHIBIT 5b**GOVERNMENT-FURNISHED EQUIPMENT****Weather Equipment (on CA/CRL Custodial Account)**

<u>Stock Number</u>	<u>Nomenclature</u>	<u>Serial Number</u>
6660-PAN-FMH-3	New Tactical Forecast System (N-TFS)	42
6645-00-224-8630	Mariner Clock	N/A
6660-00-223-5073	ML-102 Aneroid Barometer	019
7021-01-509-5928	UD86 NEXRAD Small OPUP	2200235-201
6660-01-501-1173ZE	AN/FMQ-19	AMS101

Non-Accountable Equipment

<u>Nomenclature</u>	<u>How Many</u>
Pressure Reduction Computer	2
Psychrometric Calculator	2
File Cabinets	4
Storage Cabinets	2
Desks	4
Chairs	10
Coat Rack	2
Small Computer Tables	5
Large Computer Tables	2
Printer Stand	1

Computer Equipment (on ADPE Account)

<u>Nomenclature</u>	<u>How Many</u>
19" LCD Flat Panel Display Monitors	6
HP Compaq AthlonX2 4.8MHz Microcomputer	4
Pentium IV 2.8MHz Laptop Computer	1
HP Laser Jet 4050N Printer	2
HP Laser Jet 1200 Printer	1
HP Color Laser Jet 4600DN Printer	1
Back-UPS Pro 650	2

TEST

Section 1
Section 2
Section 3
Section 4

WAGE DETERMINATIONS

WD 05-2081 (Rev.-8) was first posted on www.wdol.gov on 08/11/2009

REGISTER OF WAGE DETERMINATIONS UNDER | U.S. DEPARTMENT OF LABOR

THE SERVICE CONTRACT ACT | EMPLOYMENT STANDARDS ADMINISTRATION

By direction of the Secretary of Labor | WAGE AND HOUR DIVISION

| WASHINGTON D.C. 20210

|

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| Wage Determination No.: 2005-2081

Shirley F. Ebbesen Division of | Revision No.: 8

Director Wage Determinations | Date Of Revision: 07/31/2009

State: Colorado

Area: Colorado Counties of Adams, Arapahoe, Boulder, Broomfield, Clear Creek,

Denver, Douglas, Elbert, Gilpin, Grand, Jackson, Jefferson, Logan, Morgan,

Park, Phillips, Sedgwick, Summit, Washington, Weld, Yuma

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		14.16
01012 - Accounting Clerk II		16.44
01013 - Accounting Clerk III		18.38

01020 - Administrative Assistant	24.16
01040 - Court Reporter	19.59
01051 - Data Entry Operator I	12.78
01052 - Data Entry Operator II	14.60
01060 - Dispatcher, Motor Vehicle	19.37
01070 - Document Preparation Clerk	13.48
01090 - Duplicating Machine Operator	13.48
01111 - General Clerk I	13.39
01112 - General Clerk II	14.61
01113 - General Clerk III	16.40
01120 - Housing Referral Assistant	21.75
01141 - Messenger Courier	11.84
01191 - Order Clerk I	14.91
01192 - Order Clerk II	16.27
01261 - Personnel Assistant (Employment) I	16.50
01262 - Personnel Assistant (Employment) II	18.46
01263 - Personnel Assistant (Employment) III	20.58
01270 - Production Control Clerk	20.42
01280 - Receptionist	13.01
01290 - Rental Clerk	15.53
01300 - Scheduler, Maintenance	16.57
01311 - Secretary I	16.57
01312 - Secretary II	19.16
01313 - Secretary III	21.75
01320 - Service Order Dispatcher	14.37

01410 - Supply Technician	24.16
01420 - Survey Worker	17.77
01531 - Travel Clerk I	13.22
01532 - Travel Clerk II	13.87
01533 - Travel Clerk III	14.84
01611 - Word Processor I	14.15
01612 - Word Processor II	15.88
01613 - Word Processor III	17.77
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	26.19
05010 - Automotive Electrician	19.46
05040 - Automotive Glass Installer	18.44
05070 - Automotive Worker	18.44
05110 - Mobile Equipment Servicer	16.77
05130 - Motor Equipment Metal Mechanic	19.83
05160 - Motor Equipment Metal Worker	18.44
05190 - Motor Vehicle Mechanic	19.83
05220 - Motor Vehicle Mechanic Helper	15.63
05250 - Motor Vehicle Upholstery Worker	18.44
05280 - Motor Vehicle Wrecker	18.44
05310 - Painter, Automotive	18.75
05340 - Radiator Repair Specialist	18.44
05370 - Tire Repairer	14.98
05400 - Transmission Repair Specialist	19.83
07000 - Food Preparation And Service Occupations	

07010 - Baker	14.52
07041 - Cook I	12.57
07042 - Cook II	13.83
07070 - Dishwasher	9.69
07130 - Food Service Worker	10.90
07210 - Meat Cutter	15.13
07260 - Waiter/Waitress	9.68
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	17.33
09040 - Furniture Handler	14.45
09080 - Furniture Refinisher	17.33
09090 - Furniture Refinisher Helper	14.45
09110 - Furniture Repairer, Minor	16.45
09130 - Upholsterer	17.33
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	11.08
11060 - Elevator Operator	11.08
11090 - Gardener	18.19
11122 - Housekeeping Aide	11.33
11150 - Janitor	12.01
11210 - Laborer, Grounds Maintenance	14.67
11240 - Maid or Houseman	9.05
11260 - Pruner	13.16
11270 - Tractor Operator	17.30
11330 - Trail Maintenance Worker	14.67

11360 - Window Cleaner	13.37
12000 - Health Occupations	
12010 - Ambulance Driver	17.76
12011 - Breath Alcohol Technician	20.66
12012 - Certified Occupational Therapist Assistant	19.48
12015 - Certified Physical Therapist Assistant	18.10
12020 - Dental Assistant	18.48
12025 - Dental Hygienist	36.33
12030 - EKG Technician	22.10
12035 - Electroneurodiagnostic Technologist	22.10
12040 - Emergency Medical Technician	17.76
12071 - Licensed Practical Nurse I	18.46
12072 - Licensed Practical Nurse II	20.66
12073 - Licensed Practical Nurse III	23.03
12100 - Medical Assistant	15.94
12130 - Medical Laboratory Technician	17.47
12160 - Medical Record Clerk	15.33
12190 - Medical Record Technician	17.12
12195 - Medical Transcriptionist	17.91
12210 - Nuclear Medicine Technologist	33.31
12221 - Nursing Assistant I	11.21
12222 - Nursing Assistant II	12.82
12223 - Nursing Assistant III	14.00
12224 - Nursing Assistant IV	15.71
12235 - Optical Dispenser	19.21

12236 - Optical Technician	18.19
12250 - Pharmacy Technician	15.22
12280 - Phlebotomist	15.71
12305 - Radiologic Technologist	25.62
12311 - Registered Nurse I	29.21
12312 - Registered Nurse II	35.73
12313 - Registered Nurse II, Specialist	35.73
12314 - Registered Nurse III	43.24
12315 - Registered Nurse III, Anesthetist	43.24
12316 - Registered Nurse IV	51.82
12317 - Scheduler (Drug and Alcohol Testing)	27.05
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	18.46
13012 - Exhibits Specialist II	22.87
13013 - Exhibits Specialist III	27.97
13041 - Illustrator I	18.65
13042 - Illustrator II	23.10
13043 - Illustrator III	28.26
13047 - Librarian	27.60
13050 - Library Aide/Clerk	14.55
13054 - Library Information Technology Systems Administrator	24.63
13058 - Library Technician	17.64
13061 - Media Specialist I	17.78
13062 - Media Specialist II	19.90

13063 - Media Specialist III		22.18
13071 - Photographer I		16.68
13072 - Photographer II		18.67
13073 - Photographer III		23.12
13074 - Photographer IV		28.28
13075 - Photographer V		34.22
13110 - Video Teleconference Technician		18.26
14000 - Information Technology Occupations		
14041 - Computer Operator I		17.81
14042 - Computer Operator II		19.93
14043 - Computer Operator III		22.21
14044 - Computer Operator IV		24.69
14045 - Computer Operator V		28.56
14071 - Computer Programmer I	(see 1)	24.31
14072 - Computer Programmer II	(see 1)	
14073 - Computer Programmer III	(see 1)	
14074 - Computer Programmer IV	(see 1)	
14101 - Computer Systems Analyst I	(see 1)	
14102 - Computer Systems Analyst II	(see 1)	
14103 - Computer Systems Analyst III	(see 1)	
14150 - Peripheral Equipment Operator		17.81
14160 - Personal Computer Support Technician		24.69
15000 - Instructional Occupations		
15010 - Aircrew Training Devices Instructor (Non-Rated)		35.58
15020 - Aircrew Training Devices Instructor (Rated)		43.06

15030 - Air Crew Training Devices Instructor (Pilot)	47.15
15050 - Computer Based Training Specialist / Instructor	33.42
15060 - Educational Technologist	29.88
15070 - Flight Instructor (Pilot)	47.15
15080 - Graphic Artist	21.23
15090 - Technical Instructor	21.09
15095 - Technical Instructor/Course Developer	25.80
15110 - Test Proctor	17.03
15120 - Tutor	17.03
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations	
16010 - Assembler	9.84
16030 - Counter Attendant	9.84
16040 - Dry Cleaner	12.18
16070 - Finisher, Flatwork, Machine	9.84
16090 - Presser, Hand	9.84
16110 - Presser, Machine, Drycleaning	9.84
16130 - Presser, Machine, Shirts	9.84
16160 - Presser, Machine, Wearing Apparel, Laundry	9.84
16190 - Sewing Machine Operator	12.99
16220 - Tailor	14.48
16250 - Washer, Machine	10.48
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	18.32
19040 - Tool And Die Maker	21.57
21000 - Materials Handling And Packing Occupations	

21020 - Forklift Operator	14.96
21030 - Material Coordinator	20.42
21040 - Material Expediter	20.42
21050 - Material Handling Laborer	16.61
21071 - Order Filler	12.79
21080 - Production Line Worker (Food Processing)	14.96
21110 - Shipping Packer	14.69
21130 - Shipping/Receiving Clerk	14.69
21140 - Store Worker I	11.90
21150 - Stock Clerk	15.69
21210 - Tools And Parts Attendant	16.28
21410 - Warehouse Specialist	14.96
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	27.73
23021 - Aircraft Mechanic I	26.41
23022 - Aircraft Mechanic II	27.73
23023 - Aircraft Mechanic III	29.11
23040 - Aircraft Mechanic Helper	18.73
23050 - Aircraft, Painter	25.14
23060 - Aircraft Servicer	21.92
23080 - Aircraft Worker	23.52
23110 - Appliance Mechanic	22.34
23120 - Bicycle Repairer	14.98
23125 - Cable Splicer	30.57
23130 - Carpenter, Maintenance	19.14

23140 - Carpet Layer	18.72
23160 - Electrician, Maintenance	23.44
23181 - Electronics Technician Maintenance I	21.26
23182 - Electronics Technician Maintenance II	22.72
23183 - Electronics Technician Maintenance III	24.13
23260 - Fabric Worker	18.65
23290 - Fire Alarm System Mechanic	21.09
23310 - Fire Extinguisher Repairer	17.63
23311 - Fuel Distribution System Mechanic	22.13
23312 - Fuel Distribution System Operator	18.95
23370 - General Maintenance Worker	19.16
23380 - Ground Support Equipment Mechanic	26.41
23381 - Ground Support Equipment Servicer	21.92
23382 - Ground Support Equipment Worker	23.52
23391 - Gunsmith I	16.61
23392 - Gunsmith II	19.20
23393 - Gunsmith III	21.80
23410 - Heating, Ventilation And Air-Conditioning Mechanic	22.73
23411 - Heating, Ventilation And Air Contditioning Mechanic (Research Facility)	23.92
23430 - Heavy Equipment Mechanic	21.11
23440 - Heavy Equipment Operator	20.74
23460 - Instrument Mechanic	28.48
23465 - Laboratory/Shelter Mechanic	20.53

23470 - Laborer	13.87
23510 - Locksmith	19.06
23530 - Machinery Maintenance Mechanic	23.43
23550 - Machinist, Maintenance	19.33
23580 - Maintenance Trades Helper	14.45
23591 - Metrology Technician I	28.48
23592 - Metrology Technician II	29.91
23593 - Metrology Technician III	31.16
23640 - Millwright	21.15
23710 - Office Appliance Repairer	20.72
23760 - Painter, Maintenance	17.55
23790 - Pipefitter, Maintenance	24.21
23810 - Plumber, Maintenance	21.59
23820 - Pneudraulic Systems Mechanic	21.80
23850 - Rigger	20.79
23870 - Scale Mechanic	19.20
23890 - Sheet-Metal Worker, Maintenance	18.23
23910 - Small Engine Mechanic	17.92
23931 - Telecommunications Mechanic I	25.16
23932 - Telecommunications Mechanic II	26.39
23950 - Telephone Lineman	22.96
23960 - Welder, Combination, Maintenance	19.79
23965 - Well Driller	20.88
23970 - Woodcraft Worker	21.80
23980 - Woodworker	16.73

24000 - Personal Needs Occupations

24570 - Child Care Attendant	10.69
24580 - Child Care Center Clerk	14.17
24610 - Chore Aide	9.56
24620 - Family Readiness And Support Services Coordinator	15.76

24630 - Homemaker	16.29
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25000 - Plant And System Operations Occupations

25010 - Boiler Tender	24.07
25040 - Sewage Plant Operator	22.79
25070 - Stationary Engineer	24.07
25190 - Ventilation Equipment Tender	16.89
25210 - Water Treatment Plant Operator	22.79

27000 - Protective Service Occupations

27004 - Alarm Monitor	19.97
27007 - Baggage Inspector	11.99
27008 - Corrections Officer	22.48
27010 - Court Security Officer	26.26
27030 - Detection Dog Handler	19.97
27040 - Detention Officer	24.05
27070 - Firefighter	27.70
27101 - Guard I	11.99
27102 - Guard II	19.38
27131 - Police Officer I	28.61
27132 - Police Officer II	31.26

28000 - Recreation Occupations

28041 - Carnival Equipment Operator	11.89
28042 - Carnival Equipment Repairer	12.82
28043 - Carnival Equipment Worker	9.30
28210 - Gate Attendant/Gate Tender	14.97
28310 - Lifeguard	11.73
28350 - Park Attendant (Aide)	16.75
28510 - Recreation Aide/Health Facility Attendant	11.83
28515 - Recreation Specialist	14.80
28630 - Sports Official	13.34
28690 - Swimming Pool Operator	17.05

29000 - Stevedoring/Longshoremen Occupational Services

29010 - Blocker And Bracer	23.50
29020 - Hatch Tender	23.50
29030 - Line Handler	23.50
29041 - Stevedore I	21.91
29042 - Stevedore II	25.48

30000 - Technical Occupations

30010 - Air Traffic Control Specialist, Center (HFO) (see 2)	37.64
30011 - Air Traffic Control Specialist, Station (HFO) (see 2)	25.98
30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)	28.61
30021 - Archeological Technician I	19.38
30022 - Archeological Technician II	21.67
30023 - Archeological Technician III	26.86
30030 - Cartographic Technician	26.41

30040 - Civil Engineering Technician	23.53
30061 - Drafter/CAD Operator I	18.43
30062 - Drafter/CAD Operator II	20.62
30063 - Drafter/CAD Operator III	23.84
30064 - Drafter/CAD Operator IV	31.50
30081 - Engineering Technician I	17.58
30082 - Engineering Technician II	19.73
30083 - Engineering Technician III	22.73
30084 - Engineering Technician IV	27.35
30085 - Engineering Technician V	33.46
30086 - Engineering Technician VI	40.49
30090 - Environmental Technician	24.08
30210 - Laboratory Technician	19.43
30240 - Mathematical Technician	26.62
30361 - Paralegal/Legal Assistant I	18.71
30362 - Paralegal/Legal Assistant II	23.17
30363 - Paralegal/Legal Assistant III	28.34
30364 - Paralegal/Legal Assistant IV	34.30
30390 - Photo-Optics Technician	26.62
30461 - Technical Writer I	25.48
30462 - Technical Writer II	31.17
30463 - Technical Writer III	37.72
30491 - Unexploded Ordnance (UXO) Technician I	23.94
30492 - Unexploded Ordnance (UXO) Technician II	28.97
30493 - Unexploded Ordnance (UXO) Technician III	34.72

30494 - Unexploded (UXO) Safety Escort	23.94
30495 - Unexploded (UXO) Sweep Personnel	23.94
30620 - Weather Observer, Combined Upper Air Or (see 2)	23.84
Surface Programs	
30621 - Weather Observer, Senior (see 2)	26.41
31000 - Transportation/Mobile Equipment Operation Occupations	
31020 - Bus Aide	11.27
31030 - Bus Driver	15.89
31043 - Driver Courier	14.43
31260 - Parking and Lot Attendant	9.13
31290 - Shuttle Bus Driver	15.48
31310 - Taxi Driver	11.72
31361 - Truckdriver, Light	15.48
31362 - Truckdriver, Medium	19.56
31363 - Truckdriver, Heavy	20.37
31364 - Truckdriver, Tractor-Trailer	20.37
99000 - Miscellaneous Occupations	
99030 - Cashier	10.78
99050 - Desk Clerk	9.87
99095 - Embalmer	23.94
99251 - Laboratory Animal Caretaker I	10.92
99252 - Laboratory Animal Caretaker II	11.74
99310 - Mortician	24.19
99410 - Pest Controller	20.41
99510 - Photofinishing Worker	12.01

99710 - Recycling Laborer	16.90
99711 - Recycling Specialist	20.38
99730 - Refuse Collector	15.18
99810 - Sales Clerk	12.60
99820 - School Crossing Guard	12.64
99830 - Survey Party Chief	22.51
99831 - Surveying Aide	12.50
99832 - Surveying Technician	20.47
99840 - Vending Machine Attendant	14.38
99841 - Vending Machine Repairer	17.05
99842 - Vending Machine Repairer Helper	14.38

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$3.35 per hour or \$134.00 per week or \$580.66 per month

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the

performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year, New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than \$27.63 (or on a salary or fee basis at a rate not less than \$455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541.400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds \$27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer

occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

- (1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;
- (2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;
- (3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or
- (4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday

premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form
1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)}

When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).

2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

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WD 05-2271 (Rev.-8) was first posted on www.wdol.gov on 06/23/2009

REGISTER OF WAGE DETERMINATIONS UNDER | U.S. DEPARTMENT OF LABOR
THE SERVICE CONTRACT ACT | EMPLOYMENT STANDARDS ADMINISTRATION
By direction of the Secretary of Labor | WAGE AND HOUR DIVISION

| WASHINGTON D.C. 20210
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| Wage Determination No.: 2005-2271

Shirley F. Ebbesen Division of | Revision No.: 8

Director Wage Determinations | Date Of Revision: 06/17/2009

State: Michigan

Area: Michigan Counties of Alcona, Alpena, Antrim, Arenac, Benzie, Charlevoix,
 Cheboygan, Crawford, Emmet, Grand Traverse, Iosco, Kalkaska, Leelanau,
 Manistee, Missaukee, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle,
 Roscommon, Wexford

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		13.75
01012 - Accounting Clerk II		15.45
01013 - Accounting Clerk III		17.53
01020 - Administrative Assistant		18.45
01040 - Court Reporter		16.51
01051 - Data Entry Operator I		12.18
01052 - Data Entry Operator II		13.58
01060 - Dispatcher, Motor Vehicle		15.61
01070 - Document Preparation Clerk		12.72
01090 - Duplicating Machine Operator		12.72
01111 - General Clerk I		11.12

01112 - General Clerk II	12.12
01113 - General Clerk III	14.69
01120 - Housing Referral Assistant	18.42
01141 - Messenger Courier	10.57
01191 - Order Clerk I	13.15
01192 - Order Clerk II	14.36
01261 - Personnel Assistant (Employment) I	15.21
01262 - Personnel Assistant (Employment) II	17.00
01263 - Personnel Assistant (Employment) III	18.97
01270 - Production Control Clerk	22.01
01280 - Receptionist	10.99
01290 - Rental Clerk	12.45
01300 - Scheduler, Maintenance	14.77
01311 - Secretary I	14.77
01312 - Secretary II	16.51
01313 - Secretary III	18.42
01320 - Service Order Dispatcher	13.70
01410 - Supply Technician	18.29
01420 - Survey Worker	14.46
01531 - Travel Clerk I	12.28
01532 - Travel Clerk II	13.34
01533 - Travel Clerk III	14.44
01611 - Word Processor I	13.15
01612 - Word Processor II	14.77
01613 - Word Processor III	16.51

05000 - Automotive Service Occupations

05005 - Automobile Body Repairer, Fiberglass	19.06
05010 - Automotive Electrician	14.68
05040 - Automotive Glass Installer	14.14
05070 - Automotive Worker	14.14
05110 - Mobile Equipment Servicer	13.06
05130 - Motor Equipment Metal Mechanic	15.19
05160 - Motor Equipment Metal Worker	14.14
05190 - Motor Vehicle Mechanic	18.02
05220 - Motor Vehicle Mechanic Helper	12.45
05250 - Motor Vehicle Upholstery Worker	13.65
05280 - Motor Vehicle Wrecker	14.14
05310 - Painter, Automotive	14.68
05340 - Radiator Repair Specialist	14.14
05370 - Tire Repairer	12.62
05400 - Transmission Repair Specialist	15.19

07000 - Food Preparation And Service Occupations

07010 - Baker	10.91
07041 - Cook I	10.33
07042 - Cook II	10.92
07070 - Dishwasher	8.39
07130 - Food Service Worker	8.89
07210 - Meat Cutter	13.25
07260 - Waiter/Waitress	8.73

09000 - Furniture Maintenance And Repair Occupations

09010 - Electrostatic Spray Painter	16.10
09040 - Furniture Handler	12.38
09080 - Furniture Refinisher	16.15
09090 - Furniture Refinisher Helper	13.70
09110 - Furniture Repairer, Minor	15.02
09130 - Upholsterer	16.10
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	10.81
11060 - Elevator Operator	10.81
11090 - Gardener	13.55
11122 - Housekeeping Aide	9.23
11150 - Janitor	11.90
11210 - Laborer, Grounds Maintenance	12.04
11240 - Maid or Houseman	8.19
11260 - Pruner	11.29
11270 - Tractor Operator	13.28
11330 - Trail Maintenance Worker	12.04
11360 - Window Cleaner	12.36
12000 - Health Occupations	
12010 - Ambulance Driver	16.04
12011 - Breath Alcohol Technician	16.18
12012 - Certified Occupational Therapist Assistant	18.70
12015 - Certified Physical Therapist Assistant	18.70
12020 - Dental Assistant	15.39
12025 - Dental Hygienist	24.83

12030 - EKG Technician	24.53
12035 - Electroneurodiagnostic Technologist	24.53
12040 - Emergency Medical Technician	16.04
12071 - Licensed Practical Nurse I	14.47
12072 - Licensed Practical Nurse II	16.18
12073 - Licensed Practical Nurse III	18.06
12100 - Medical Assistant	11.86
12130 - Medical Laboratory Technician	17.49
12160 - Medical Record Clerk	15.63
12190 - Medical Record Technician	17.48
12195 - Medical Transcriptionist	13.71
12210 - Nuclear Medicine Technologist	34.28
12221 - Nursing Assistant I	10.60
12222 - Nursing Assistant II	11.91
12223 - Nursing Assistant III	13.00
12224 - Nursing Assistant IV	14.60
12235 - Optical Dispenser	15.49
12236 - Optical Technician	13.84
12250 - Pharmacy Technician	14.11
12280 - Phlebotomist	14.60
12305 - Radiologic Technologist	21.34
12311 - Registered Nurse I	23.13
12312 - Registered Nurse II	29.25
12313 - Registered Nurse II, Specialist	29.25
12314 - Registered Nurse III	34.84

12315 - Registered Nurse III, Anesthetist	34.84
12316 - Registered Nurse IV	41.76
12317 - Scheduler (Drug and Alcohol Testing)	20.05
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	19.64
13012 - Exhibits Specialist II	22.75
13013 - Exhibits Specialist III	27.51
13041 - Illustrator I	19.64
13042 - Illustrator II	22.75
13043 - Illustrator III	27.51
13047 - Librarian	24.92
13050 - Library Aide/Clerk	11.22
13054 - Library Information Technology Systems Administrator	22.48
13058 - Library Technician	
13061 - Media Specialist I	15.72
13062 - Media Specialist II	15.75
13063 - Media Specialist III	18.14
13063 - Media Specialist III	20.24
13071 - Photographer I	16.77
13072 - Photographer II	18.75
13073 - Photographer III	23.23
13074 - Photographer IV	27.78
13075 - Photographer V	29.54
13110 - Video Teleconference Technician	16.22
14000 - Information Technology Occupations	

14041 - Computer Operator I		13.95
14042 - Computer Operator II		15.60
14043 - Computer Operator III		17.41
14044 - Computer Operator IV		19.33
14045 - Computer Operator V		21.41
14071 - Computer Programmer I	(see 1)	18.55
14072 - Computer Programmer II	(see 1)	23.00
14073 - Computer Programmer III	(see 1)	
14074 - Computer Programmer IV	(see 1)	
14101 - Computer Systems Analyst I	(see 1)	22.29
14102 - Computer Systems Analyst II	(see 1)	26.96
14103 - Computer Systems Analyst III	(see 1)	
14150 - Peripheral Equipment Operator		13.95
14160 - Personal Computer Support Technician		19.33
15000 - Instructional Occupations		
15010 - Aircrew Training Devices Instructor (Non-Rated)		22.27
15020 - Aircrew Training Devices Instructor (Rated)		26.96
15030 - Air Crew Training Devices Instructor (Pilot)		31.54
15050 - Computer Based Training Specialist / Instructor		23.54
15060 - Educational Technologist		23.69
15070 - Flight Instructor (Pilot)		31.54
15080 - Graphic Artist		18.59
15090 - Technical Instructor		20.15
15095 - Technical Instructor/Course Developer		23.54
15110 - Test Proctor		15.54

15120 - Tutor	15.54	
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations		
16010 - Assembler	9.51	
16030 - Counter Attendant	9.51	
16040 - Dry Cleaner	12.85	
16070 - Finisher, Flatwork, Machine	9.51	
16090 - Presser, Hand	9.51	
16110 - Presser, Machine, Drycleaning	9.51	
16130 - Presser, Machine, Shirts	9.51	
16160 - Presser, Machine, Wearing Apparel, Laundry	9.51	
16190 - Sewing Machine Operator	13.99	
16220 - Tailor	15.08	
16250 - Washer, Machine	10.61	
19000 - Machine Tool Operation And Repair Occupations		
19010 - Machine-Tool Operator (Tool Room)	22.03	
19040 - Tool And Die Maker	25.30	
21000 - Materials Handling And Packing Occupations		
21020 - Forklift Operator	20.74	
21030 - Material Coordinator	22.01	
21040 - Material Expediter	22.01	
21050 - Material Handling Laborer	14.43	
21071 - Order Filler	11.50	
21080 - Production Line Worker (Food Processing)	20.74	
21110 - Shipping Packer	19.25	
21130 - Shipping/Receiving Clerk	19.25	

21140 - Store Worker I	14.13
21150 - Stock Clerk	17.12
21210 - Tools And Parts Attendant	20.74
21410 - Warehouse Specialist	20.74
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	22.36
23021 - Aircraft Mechanic I	21.50
23022 - Aircraft Mechanic II	22.36
23023 - Aircraft Mechanic III	23.26
23040 - Aircraft Mechanic Helper	17.38
23050 - Aircraft, Painter	22.01
23060 - Aircraft Servicer	19.06
23080 - Aircraft Worker	19.73
23110 - Appliance Mechanic	17.86
23120 - Bicycle Repairer	12.62
23125 - Cable Splicer	23.56
23130 - Carpenter, Maintenance	20.90
23140 - Carpet Layer	18.19
23160 - Electrician, Maintenance	27.70
23181 - Electronics Technician Maintenance I	20.98
23182 - Electronics Technician Maintenance II	21.93
23183 - Electronics Technician Maintenance III	22.86
23260 - Fabric Worker	19.12
23290 - Fire Alarm System Mechanic	21.79
23310 - Fire Extinguisher Repairer	18.24

23311 - Fuel Distribution System Mechanic	23.97
23312 - Fuel Distribution System Operator	20.09
23370 - General Maintenance Worker	17.93
23380 - Ground Support Equipment Mechanic	22.22
23381 - Ground Support Equipment Servicer	19.06
23382 - Ground Support Equipment Worker	19.73
23391 - Gunsmith I	17.93
23392 - Gunsmith II	19.74
23393 - Gunsmith III	21.50
23410 - Heating, Ventilation And Air-Conditioning Mechanic	21.50
23411 - Heating, Ventilation And Air Contditioning Mechanic (Research Facility)	22.22
23430 - Heavy Equipment Mechanic	20.71
23440 - Heavy Equipment Operator	20.58
23460 - Instrument Mechanic	21.79
23465 - Laboratory/Shelter Mechanic	20.62
23470 - Laborer	14.43
23510 - Locksmith	20.90
23530 - Machinery Maintenance Mechanic	21.79
23550 - Machinist, Maintenance	21.50
23580 - Maintenance Trades Helper	14.34
23591 - Metrology Technician I	21.79
23592 - Metrology Technician II	22.68
23593 - Metrology Technician III	23.58

23640 - Millwright	28.14
23710 - Office Appliance Repairer	19.00
23760 - Painter, Maintenance	19.95
23790 - Pipefitter, Maintenance	23.89
23810 - Plumber, Maintenance	22.22
23820 - Pneudraulic Systems Mechanic	21.79
23850 - Rigger	21.79
23870 - Scale Mechanic	20.01
23890 - Sheet-Metal Worker, Maintenance	24.41
23910 - Small Engine Mechanic	20.71
23931 - Telecommunications Mechanic I	21.50
23932 - Telecommunications Mechanic II	22.36
23950 - Telephone Lineman	20.65
23960 - Welder, Combination, Maintenance	22.10
23965 - Well Driller	21.79
23970 - Woodcraft Worker	21.79
23980 - Woodworker	17.93
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	9.00
24580 - Child Care Center Clerk	11.24
24610 - Chore Aide	10.48
24620 - Family Readiness And Support Services Coordinator	12.19
24630 - Homemaker	12.48
25000 - Plant And System Operations Occupations	

25010 - Boiler Tender	24.76
25040 - Sewage Plant Operator	18.57
25070 - Stationary Engineer	24.76
25190 - Ventilation Equipment Tender	17.02
25210 - Water Treatment Plant Operator	17.86
27000 - Protective Service Occupations	
27004 - Alarm Monitor	17.04
27007 - Baggage Inspector	11.88
27008 - Corrections Officer	20.44
27010 - Court Security Officer	20.76
27030 - Detection Dog Handler	16.73
27040 - Detention Officer	20.44
27070 - Firefighter	18.59
27101 - Guard I	11.88
27102 - Guard II	16.73
27131 - Police Officer I	23.25
27132 - Police Officer II	25.85
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	9.99
28042 - Carnival Equipment Repairer	10.41
28043 - Carnival Equipment Worker	8.50
28210 - Gate Attendant/Gate Tender	14.00
28310 - Lifeguard	11.56
28350 - Park Attendant (Aide)	15.66
28510 - Recreation Aide/Health Facility Attendant	12.21

28515 - Recreation Specialist	16.06
28630 - Sports Official	12.47
28690 - Swimming Pool Operator	17.16
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	22.91
29020 - Hatch Tender	22.91
29030 - Line Handler	22.91
29041 - Stevedore I	21.88
29042 - Stevedore II	23.94
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (see 2)	35.15
30011 - Air Traffic Control Specialist, Station (HFO) (see 2)	24.24
30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)	26.69
30021 - Archeological Technician I	11.47
30022 - Archeological Technician II	12.06
30023 - Archeological Technician III	16.27
30030 - Cartographic Technician	22.19
30040 - Civil Engineering Technician	22.19
30061 - Drafter/CAD Operator I	16.01
30062 - Drafter/CAD Operator II	17.91
30063 - Drafter/CAD Operator III	19.97
30064 - Drafter/CAD Operator IV	24.57
30081 - Engineering Technician I	14.70
30082 - Engineering Technician II	16.48
30083 - Engineering Technician III	18.44

30084 - Engineering Technician IV		22.85
30085 - Engineering Technician V		27.93
30086 - Engineering Technician VI		29.98
30090 - Environmental Technician		22.15
30210 - Laboratory Technician		21.97
30240 - Mathematical Technician		22.19
30361 - Paralegal/Legal Assistant I		18.52
30362 - Paralegal/Legal Assistant II		22.93
30363 - Paralegal/Legal Assistant III		28.06
30364 - Paralegal/Legal Assistant IV		33.95
30390 - Photo-Optics Technician		22.19
30461 - Technical Writer I		20.97
30462 - Technical Writer II		25.64
30463 - Technical Writer III		28.13
30491 - Unexploded Ordnance (UXO) Technician I		22.34
30492 - Unexploded Ordnance (UXO) Technician II		27.03
30493 - Unexploded Ordnance (UXO) Technician III		32.40
30494 - Unexploded (UXO) Safety Escort		22.34
30495 - Unexploded (UXO) Sweep Personnel		22.34
30620 - Weather Observer, Combined Upper Air Or	(see 3)	19.97
Surface Programs		
30621 - Weather Observer, Senior	(see 3)	21.29
31000 - Transportation/Mobile Equipment Operation Occupations		
31020 - Bus Aide		12.30
31030 - Bus Driver		15.41

31043 - Driver Courier	14.35
31260 - Parking and Lot Attendant	11.54
31290 - Shuttle Bus Driver	15.35
31310 - Taxi Driver	12.05
31361 - Truckdriver, Light	14.66
31362 - Truckdriver, Medium	15.05
31363 - Truckdriver, Heavy	19.28
31364 - Truckdriver, Tractor-Trailer	19.28
99000 - Miscellaneous Occupations	
99030 - Cashier	9.00
99050 - Desk Clerk	9.45
99095 - Embalmer	25.36
99251 - Laboratory Animal Caretaker I	11.79
99252 - Laboratory Animal Caretaker II	12.41
99310 - Mortician	27.17
99410 - Pest Controller	16.40
99510 - Photofinishing Worker	12.86
99710 - Recycling Laborer	17.08
99711 - Recycling Specialist	18.17
99730 - Refuse Collector	15.09
99810 - Sales Clerk	10.34
99820 - School Crossing Guard	10.42
99830 - Survey Party Chief	19.26
99831 - Surveying Aide	11.45
99832 - Surveying Technician	17.13

99840 - Vending Machine Attendant	14.58
99841 - Vending Machine Repairer	17.93
99842 - Vending Machine Repairer Helper	16.08

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$3.35 per hour or \$134.00 per week or \$580.66 per month

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 8 years, 4 weeks after 15 years, and 5 weeks after 25 years.

Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of eleven paid holidays per year: New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.)

(See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than \$27.63 (or on a salary or fee basis at a rate not less than \$455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541.400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds \$27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer

professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

- (1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;
- (2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;
- (3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or
- (4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.

3) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered

overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives.

Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the

"Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at <http://www.dol.gov/esa/whd/> or through the Wage Determinations On-Line (WDOL) Web site at <http://wdol.gov/>.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)}

When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).

- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination.

Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

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REGISTER OF WAGE DETERMINATIONS UNDER | U.S. DEPARTMENT OF LABOR
THE SERVICE CONTRACT ACT | EMPLOYMENT STANDARDS ADMINISTRATION

By direction of the Secretary of Labor | WAGE AND HOUR DIVISION

| WASHINGTON D.C. 20210

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| Wage Determination No.: 2005-2439

Shirley F. Ebbesen | Division of | Revision No.: 9

Director Wage Determinations | Date Of Revision: 10/29/2009

State: Oregon

Area: Oregon Counties of Benton, Coos, Crook, Curry, Deschutes, Douglas,
Jackson, Jefferson, Josephine, Klamath, Lake, Lane, Lincoln, Linn

****Fringe Benefits Required Follow the Occupational Listing****

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		11.81
01012 - Accounting Clerk II		13.43
01013 - Accounting Clerk III		15.02
01020 - Administrative Assistant		18.57
01040 - Court Reporter		14.99
01051 - Data Entry Operator I		12.11
01052 - Data Entry Operator II		13.29
01060 - Dispatcher, Motor Vehicle		18.24
01070 - Document Preparation Clerk		12.36
01090 - Duplicating Machine Operator		12.36
01111 - General Clerk I		11.84
01112 - General Clerk II		12.92
01113 - General Clerk III		14.50
01120 - Housing Referral Assistant		16.70
01141 - Messenger Courier		12.76

01191 - Order Clerk I	13.88
01192 - Order Clerk II	15.14
01261 - Personnel Assistant (Employment) I	14.55
01262 - Personnel Assistant (Employment) II	15.93
01263 - Personnel Assistant (Employment) III	17.72
01270 - Production Control Clerk	17.89
01280 - Receptionist	11.96
01290 - Rental Clerk	11.70
01300 - Scheduler, Maintenance	13.40
01311 - Secretary I	13.40
01312 - Secretary II	14.99
01313 - Secretary III	16.70
01320 - Service Order Dispatcher	16.24
01410 - Supply Technician	18.57
01420 - Survey Worker	12.77
01531 - Travel Clerk I	13.07
01532 - Travel Clerk II	14.16
01533 - Travel Clerk III	15.22
01611 - Word Processor I	12.49
01612 - Word Processor II	14.02
01613 - Word Processor III	15.68
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	22.66
05010 - Automotive Electrician	16.52
05040 - Automotive Glass Installer	15.39

05070 - Automotive Worker	15.75
05110 - Mobile Equipment Servicer	13.88
05130 - Motor Equipment Metal Mechanic	17.28
05160 - Motor Equipment Metal Worker	15.75
05190 - Motor Vehicle Mechanic	17.28
05220 - Motor Vehicle Mechanic Helper	13.08
05250 - Motor Vehicle Upholstery Worker	14.97
05280 - Motor Vehicle Wrecker	15.75
05310 - Painter, Automotive	17.76
05340 - Radiator Repair Specialist	15.75
05370 - Tire Repairer	12.48
05400 - Transmission Repair Specialist	17.28
07000 - Food Preparation And Service Occupations	
07010 - Baker	12.89
07041 - Cook I	11.04
07042 - Cook II	12.48
07070 - Dishwasher	8.84
07130 - Food Service Worker	9.48
07210 - Meat Cutter	15.32
07260 - Waiter/Waitress	9.80
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	13.76
09040 - Furniture Handler	10.59
09080 - Furniture Refinisher	13.76
09090 - Furniture Refinisher Helper	11.14

09110 - Furniture Repairer, Minor	12.48
09130 - Upholsterer	13.76
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	9.90
11060 - Elevator Operator	11.21
11090 - Gardener	14.32
11122 - Housekeeping Aide	11.03
11150 - Janitor	11.21
11210 - Laborer, Grounds Maintenance	11.90
11240 - Maid or Houseman	9.27
11260 - Pruner	12.52
11270 - Tractor Operator	13.63
11330 - Trail Maintenance Worker	11.90
11360 - Window Cleaner	12.05
12000 - Health Occupations	
12010 - Ambulance Driver	18.44
12011 - Breath Alcohol Technician	16.36
12012 - Certified Occupational Therapist Assistant	22.46
12015 - Certified Physical Therapist Assistant	22.00
12020 - Dental Assistant	16.75
12025 - Dental Hygienist	36.40
12030 - EKG Technician	25.60
12035 - Electroneurodiagnostic Technologist	25.60
12040 - Emergency Medical Technician	18.44
12071 - Licensed Practical Nurse I	14.63

12072 - Licensed Practical Nurse II	16.36
12073 - Licensed Practical Nurse III	18.25
12100 - Medical Assistant	14.68
12130 - Medical Laboratory Technician	15.33
12160 - Medical Record Clerk	13.59
12190 - Medical Record Technician	15.55
12195 - Medical Transcriptionist	16.22
12210 - Nuclear Medicine Technologist	35.11
12221 - Nursing Assistant I	9.37
12222 - Nursing Assistant II	10.54
12223 - Nursing Assistant III	11.50
12224 - Nursing Assistant IV	12.91
12235 - Optical Dispenser	13.87
12236 - Optical Technician	14.34
12250 - Pharmacy Technician	15.27
12280 - Phlebotomist	13.59
12305 - Radiologic Technologist	27.35
12311 - Registered Nurse I	21.30
12312 - Registered Nurse II	26.06
12313 - Registered Nurse II, Specialist	26.06
12314 - Registered Nurse III	31.53
12315 - Registered Nurse III, Anesthetist	31.53
12316 - Registered Nurse IV	37.79
12317 - Scheduler (Drug and Alcohol Testing)	20.27
13000 - Information And Arts Occupations	

13011 - Exhibits Specialist I	19.18	
13012 - Exhibits Specialist II	23.76	
13013 - Exhibits Specialist III	29.07	
13041 - Illustrator I	19.18	
13042 - Illustrator II	23.76	
13043 - Illustrator III	29.07	
13047 - Librarian	26.32	
13050 - Library Aide/Clerk	13.68	
13054 - Library Information Technology Systems Administrator		23.76
13058 - Library Technician	16.92	
13061 - Media Specialist I	17.15	
13062 - Media Specialist II	19.18	
13063 - Media Specialist III	21.39	
13071 - Photographer I	16.33	
13072 - Photographer II	18.27	
13073 - Photographer III	22.63	
13074 - Photographer IV	27.04	
13075 - Photographer V	32.74	
13110 - Video Teleconference Technician		14.69
14000 - Information Technology Occupations		
14041 - Computer Operator I	15.85	
14042 - Computer Operator II	17.12	
14043 - Computer Operator III	19.10	
14044 - Computer Operator IV	21.21	

14045 - Computer Operator V		23.50
14071 - Computer Programmer I	(see 1)	19.56
14072 - Computer Programmer II	(see 1)	24.77
14073 - Computer Programmer III	(see 1)	
14074 - Computer Programmer IV	(see 1)	
14101 - Computer Systems Analyst I	(see 1)	
14102 - Computer Systems Analyst II	(see 1)	
14103 - Computer Systems Analyst III	(see 1)	
14150 - Peripheral Equipment Operator		15.85
14160 - Personal Computer Support Technician		25.15
15000 - Instructional Occupations		
15010 - Aircrew Training Devices Instructor (Non-Rated)		27.87
15020 - Aircrew Training Devices Instructor (Rated)		31.49
15030 - Air Crew Training Devices Instructor (Pilot)		37.75
15050 - Computer Based Training Specialist / Instructor		25.89
15060 - Educational Technologist		32.39
15070 - Flight Instructor (Pilot)		37.75
15080 - Graphic Artist		20.58
15090 - Technical Instructor		16.85
15095 - Technical Instructor/Course Developer		22.33
15110 - Test Proctor		14.18
15120 - Tutor		14.18
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations		
16010 - Assembler		9.36
16030 - Counter Attendant		9.36

16040 - Dry Cleaner	12.09	
16070 - Finisher, Flatwork, Machine	9.36	
16090 - Presser, Hand	9.36	
16110 - Presser, Machine, Drycleaning	9.36	
16130 - Presser, Machine, Shirts	9.36	
16160 - Presser, Machine, Wearing Apparel, Laundry	9.36	
16190 - Sewing Machine Operator	13.00	
16220 - Tailor	13.90	
16250 - Washer, Machine	10.23	
19000 - Machine Tool Operation And Repair Occupations		
19010 - Machine-Tool Operator (Tool Room)	16.23	
19040 - Tool And Die Maker	20.83	
21000 - Materials Handling And Packing Occupations		
21020 - Forklift Operator	14.91	
21030 - Material Coordinator	17.89	
21040 - Material Expediter	17.89	
21050 - Material Handling Laborer	12.69	
21071 - Order Filler	12.26	
21080 - Production Line Worker (Food Processing)	14.91	
21110 - Shipping Packer	12.87	
21130 - Shipping/Receiving Clerk	12.87	
21140 - Store Worker I	12.17	
21150 - Stock Clerk	15.78	
21210 - Tools And Parts Attendant	14.91	
21410 - Warehouse Specialist	14.91	

23000 - Mechanics And Maintenance And Repair Occupations

23010 - Aerospace Structural Welder	22.90
23021 - Aircraft Mechanic I	21.81
23022 - Aircraft Mechanic II	22.90
23023 - Aircraft Mechanic III	24.05
23040 - Aircraft Mechanic Helper	15.62
23050 - Aircraft, Painter	19.91
23060 - Aircraft Servicer	18.91
23080 - Aircraft Worker	19.54
23110 - Appliance Mechanic	15.36
23120 - Bicycle Repairer	11.43
23125 - Cable Splicer	23.14
23130 - Carpenter, Maintenance	21.05
23140 - Carpet Layer	17.77
23160 - Electrician, Maintenance	26.14
23181 - Electronics Technician Maintenance I	22.27
23182 - Electronics Technician Maintenance II	23.56
23183 - Electronics Technician Maintenance III	24.86
23260 - Fabric Worker	17.76
23290 - Fire Alarm System Mechanic	23.52
23310 - Fire Extinguisher Repairer	16.66
23311 - Fuel Distribution System Mechanic	21.04
23312 - Fuel Distribution System Operator	16.66
23370 - General Maintenance Worker	15.96
23380 - Ground Support Equipment Mechanic	21.81

23381 - Ground Support Equipment Servicer	18.91
23382 - Ground Support Equipment Worker	19.54
23391 - Gunsmith I	16.66
23392 - Gunsmith II	18.85
23393 - Gunsmith III	21.04
23410 - Heating, Ventilation And Air-Conditioning Mechanic	19.77
23411 - Heating, Ventilation And Air Contditioning Mechanic (Research Facility)	20.79
23430 - Heavy Equipment Mechanic	22.50
23440 - Heavy Equipment Operator	20.77
23460 - Instrument Mechanic	21.04
23465 - Laboratory/Shelter Mechanic	19.94
23470 - Laborer	11.52
23510 - Locksmith	19.94
23530 - Machinery Maintenance Mechanic	20.75
23550 - Machinist, Maintenance	18.10
23580 - Maintenance Trades Helper	12.48
23591 - Metrology Technician I	21.04
23592 - Metrology Technician II	22.12
23593 - Metrology Technician III	23.22
23640 - Millwright	21.04
23710 - Office Appliance Repairer	18.09
23760 - Painter, Maintenance	15.28
23790 - Pipefitter, Maintenance	25.46

23810 - Plumber, Maintenance	23.72
23820 - Pneudraulic Systems Mechanic	21.04
23850 - Rigger	21.04
23870 - Scale Mechanic	18.85
23890 - Sheet-Metal Worker, Maintenance	24.08
23910 - Small Engine Mechanic	18.85
23931 - Telecommunications Mechanic I	25.44
23932 - Telecommunications Mechanic II	26.76
23950 - Telephone Lineman	21.04
23960 - Welder, Combination, Maintenance	14.44
23965 - Well Driller	19.84
23970 - Woodcraft Worker	21.04
23980 - Woodworker	16.18
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	11.24
24580 - Child Care Center Clerk	14.01
24610 - Chore Aide	10.14
24620 - Family Readiness And Support Services Coordinator	13.92
24630 - Homemaker	17.24
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	21.04
25040 - Sewage Plant Operator	21.29
25070 - Stationary Engineer	21.04
25190 - Ventilation Equipment Tender	15.57

25210 - Water Treatment Plant Operator	21.29
27000 - Protective Service Occupations	
27004 - Alarm Monitor	18.97
27007 - Baggage Inspector	10.88
27008 - Corrections Officer	21.67
27010 - Court Security Officer	21.67
27030 - Detection Dog Handler	15.86
27040 - Detention Officer	20.56
27070 - Firefighter	21.67
27101 - Guard I	10.88
27102 - Guard II	15.86
27131 - Police Officer I	24.72
27132 - Police Officer II	27.46
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	12.41
28042 - Carnival Equipment Repairer	13.19
28043 - Carnival Equipment Worker	10.12
28210 - Gate Attendant/Gate Tender	14.00
28310 - Lifeguard	10.82
28350 - Park Attendant (Aide)	15.66
28510 - Recreation Aide/Health Facility Attendant	12.21
28515 - Recreation Specialist	17.15
28630 - Sports Official	12.47
28690 - Swimming Pool Operator	18.73
29000 - Stevedoring/Longshoremen Occupational Services	

29010 - Blocker And Bracer	19.55
29020 - Hatch Tender	19.55
29030 - Line Handler	19.55
29041 - Stevedore I	19.99
29042 - Stevedore II	22.84
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (see 2)	35.15
30011 - Air Traffic Control Specialist, Station (HFO) (see 2)	24.24
30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)	26.69
30021 - Archeological Technician I	16.29
30022 - Archeological Technician II	18.22
30023 - Archeological Technician III	22.57
30030 - Cartographic Technician	22.57
30040 - Civil Engineering Technician	23.84
30061 - Drafter/CAD Operator I	16.29
30062 - Drafter/CAD Operator II	18.22
30063 - Drafter/CAD Operator III	20.32
30064 - Drafter/CAD Operator IV	25.00
30081 - Engineering Technician I	15.92
30082 - Engineering Technician II	17.87
30083 - Engineering Technician III	19.99
30084 - Engineering Technician IV	24.76
30085 - Engineering Technician V	30.29
30086 - Engineering Technician VI	36.65
30090 - Environmental Technician	22.57

30210 - Laboratory Technician	20.32
30240 - Mathematical Technician	22.57
30361 - Paralegal/Legal Assistant I	17.43
30362 - Paralegal/Legal Assistant II	21.59
30363 - Paralegal/Legal Assistant III	26.41
30364 - Paralegal/Legal Assistant IV	31.96
30390 - Photo-Optics Technician	22.57
30461 - Technical Writer I	16.87
30462 - Technical Writer II	20.64
30463 - Technical Writer III	24.97
30491 - Unexploded Ordnance (UXO) Technician I	22.34
30492 - Unexploded Ordnance (UXO) Technician II	27.03
30493 - Unexploded Ordnance (UXO) Technician III	32.40
30494 - Unexploded (UXO) Safety Escort	22.34
30495 - Unexploded (UXO) Sweep Personnel	22.34
30620 - Weather Observer, Combined Upper Air Or	(see 2) 20.32
Surface Programs	
30621 - Weather Observer, Senior	(see 2) 22.57
31000 - Transportation/Mobile Equipment Operation Occupations	
31020 - Bus Aide	11.04
31030 - Bus Driver	14.65
31043 - Driver Courier	12.44
31260 - Parking and Lot Attendant	10.14
31290 - Shuttle Bus Driver	13.32
31310 - Taxi Driver	11.52

31361 - Truckdriver, Light	13.32
31362 - Truckdriver, Medium	16.83
31363 - Truckdriver, Heavy	15.56
31364 - Truckdriver, Tractor-Trailer	15.56
99000 - Miscellaneous Occupations	
99030 - Cashier	9.99
99050 - Desk Clerk	10.22
99095 - Embalmer	22.34
99251 - Laboratory Animal Caretaker I	10.66
99252 - Laboratory Animal Caretaker II	11.61
99310 - Mortician	22.34
99410 - Pest Controller	17.90
99510 - Photofinishing Worker	11.74
99710 - Recycling Laborer	13.28
99711 - Recycling Specialist	15.47
99730 - Refuse Collector	14.30
99810 - Sales Clerk	12.95
99820 - School Crossing Guard	11.28
99830 - Survey Party Chief	22.03
99831 - Surveying Aide	13.84
99832 - Surveying Technician	18.84
99840 - Vending Machine Attendant	16.97
99841 - Vending Machine Repairer	20.54
99842 - Vending Machine Repairer Helper	16.97

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$3.35 per hour or \$134.00 per week or \$580.66 per month

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year, New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than \$27.63 (or on a salary or fee basis at a rate not less than \$455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541.400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds \$27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;

(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;

(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or

(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am.

If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordinance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives.

Demilitarization, modification, renovation, demolition, and maintenance operations

on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an

adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at <http://www.dol.gov/esa/whd/> or through the Wage Determinations On-Line (WDOL) Web site at <http://wdol.gov/>.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)}

When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).

- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the

authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the

wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination.

Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

WD 05-2339 (Rev.-10) was first posted on www.wdol.gov on 10/20/2009

REGISTER OF WAGE DETERMINATIONS UNDER | U.S. DEPARTMENT OF LABOR
THE SERVICE CONTRACT ACT | EMPLOYMENT STANDARDS ADMINISTRATION

By direction of the Secretary of Labor | WAGE AND HOUR DIVISION

| WASHINGTON D.C. 20210

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| Wage Determination No.: 2005-2339

Shirley F. Ebbesen | Division of | Revision No.: 10

Director | Wage Determinations | Date Of Revision: 10/09/2009

This wage determination applies to the entire state of NEW HAMPSHIRE Excluding the cities and towns in ROCKINGHAM county listed below:

ROCKINGHAM County: Atkinson, Brentwood, Danville, Derry, East Kingston, Hampstead, Kingston, Newton, Plaistow, Salem, Sandown, Seabrook, and Windham

See WD 2005-2257 for other cities and towns that are included.

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		12.66
01012 - Accounting Clerk II		14.22
01013 - Accounting Clerk III		15.90
01020 - Administrative Assistant		18.74
01040 - Court Reporter		15.63
01051 - Data Entry Operator I		11.70
01052 - Data Entry Operator II		12.88
01060 - Dispatcher, Motor Vehicle		17.07
01070 - Document Preparation Clerk		14.12
01090 - Duplicating Machine Operator		14.12
01111 - General Clerk I		11.36
01112 - General Clerk II		12.39
01113 - General Clerk III		13.91
01120 - Housing Referral Assistant		17.43
01141 - Messenger Courier		11.43
01191 - Order Clerk I		12.17
01192 - Order Clerk II		13.58
01261 - Personnel Assistant (Employment) I		13.59
01262 - Personnel Assistant (Employment) II		15.20
01263 - Personnel Assistant (Employment) III		16.95
01270 - Production Control Clerk		20.21
01280 - Receptionist		12.18

01290 - Rental Clerk	11.98
01300 - Scheduler, Maintenance	13.97
01311 - Secretary I	13.97
01312 - Secretary II	15.63
01313 - Secretary III	17.43
01320 - Service Order Dispatcher	16.79
01410 - Supply Technician	18.74
01420 - Survey Worker	13.61
01531 - Travel Clerk I	13.49
01532 - Travel Clerk II	14.60
01533 - Travel Clerk III	15.73
01611 - Word Processor I	12.80
01612 - Word Processor II	14.37
01613 - Word Processor III	16.07
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	17.69
05010 - Automotive Electrician	17.69
05040 - Automotive Glass Installer	16.84
05070 - Automotive Worker	16.77
05110 - Mobile Equipment Servicer	14.96
05130 - Motor Equipment Metal Mechanic	18.58
05160 - Motor Equipment Metal Worker	16.77
05190 - Motor Vehicle Mechanic	18.27
05220 - Motor Vehicle Mechanic Helper	14.10
05250 - Motor Vehicle Upholstery Worker	15.87

05280 - Motor Vehicle Wrecker	16.77
05310 - Painter, Automotive	19.23
05340 - Radiator Repair Specialist	16.77
05370 - Tire Repairer	12.26
05400 - Transmission Repair Specialist	18.58
07000 - Food Preparation And Service Occupations	
07010 - Baker	11.99
07041 - Cook I	11.19
07042 - Cook II	13.00
07070 - Dishwasher	8.89
07130 - Food Service Worker	9.42
07210 - Meat Cutter	16.52
07260 - Waiter/Waitress	9.12
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	15.53
09040 - Furniture Handler	11.63
09080 - Furniture Refinisher	16.50
09090 - Furniture Refinisher Helper	13.15
09110 - Furniture Repairer, Minor	14.81
09130 - Upholsterer	15.00
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	11.58
11060 - Elevator Operator	11.56
11090 - Gardener	14.22
11122 - Housekeeping Aide	11.56

11150 - Janitor	11.72
11210 - Laborer, Grounds Maintenance	12.48
11240 - Maid or Houseman	10.21
11260 - Pruner	12.08
11270 - Tractor Operator	13.44
11330 - Trail Maintenance Worker	12.48
11360 - Window Cleaner	12.52
12000 - Health Occupations	
12010 - Ambulance Driver	14.72
12011 - Breath Alcohol Technician	18.20
12012 - Certified Occupational Therapist Assistant	20.19
12015 - Certified Physical Therapist Assistant	20.26
12020 - Dental Assistant	18.58
12025 - Dental Hygienist	34.31
12030 - EKG Technician	23.81
12035 - Electroneurodiagnostic Technologist	23.81
12040 - Emergency Medical Technician	16.63
12071 - Licensed Practical Nurse I	16.27
12072 - Licensed Practical Nurse II	18.20
12073 - Licensed Practical Nurse III	20.30
12100 - Medical Assistant	14.60
12130 - Medical Laboratory Technician	18.38
12160 - Medical Record Clerk	13.32
12190 - Medical Record Technician	14.90
12195 - Medical Transcriptionist	15.43

12210 - Nuclear Medicine Technologist	32.04
12221 - Nursing Assistant I	10.72
12222 - Nursing Assistant II	12.05
12223 - Nursing Assistant III	13.15
12224 - Nursing Assistant IV	14.76
12235 - Optical Dispenser	17.29
12236 - Optical Technician	15.46
12250 - Pharmacy Technician	12.76
12280 - Phlebotomist	14.76
12305 - Radiologic Technologist	25.65
12311 - Registered Nurse I	23.15
12312 - Registered Nurse II	28.32
12313 - Registered Nurse II, Specialist	28.32
12314 - Registered Nurse III	34.27
12315 - Registered Nurse III, Anesthetist	34.27
12316 - Registered Nurse IV	41.07
12317 - Scheduler (Drug and Alcohol Testing)	22.55
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	16.49
13012 - Exhibits Specialist II	19.62
13013 - Exhibits Specialist III	24.01
13041 - Illustrator I	15.53
13042 - Illustrator II	19.23
13043 - Illustrator III	23.53
13047 - Librarian	21.31

13050 - Library Aide/Clerk		10.84
13054 - Library Information Technology Systems Administrator		19.23
13058 - Library Technician		13.42
13061 - Media Specialist I		13.88
13062 - Media Specialist II		15.53
13063 - Media Specialist III		17.32
13071 - Photographer I		14.38
13072 - Photographer II		16.08
13073 - Photographer III		19.92
13074 - Photographer IV		24.37
13075 - Photographer V		29.49
13110 - Video Teleconference Technician		16.40
14000 - Information Technology Occupations		
14041 - Computer Operator I		16.60
14042 - Computer Operator II		18.57
14043 - Computer Operator III		20.71
14044 - Computer Operator IV		23.00
14045 - Computer Operator V		25.48
14071 - Computer Programmer I	(see 1)	20.16
14072 - Computer Programmer II	(see 1)	23.66
14073 - Computer Programmer III	(see 1)	
14074 - Computer Programmer IV	(see 1)	
14101 - Computer Systems Analyst I	(see 1)	
14102 - Computer Systems Analyst II	(see 1)	

14103 - Computer Systems Analyst III	(see 1)	
14150 - Peripheral Equipment Operator		16.60
14160 - Personal Computer Support Technician		23.03
15000 - Instructional Occupations		
15010 - Aircrew Training Devices Instructor (Non-Rated)		29.78
15020 - Aircrew Training Devices Instructor (Rated)		36.03
15030 - Air Crew Training Devices Instructor (Pilot)		43.19
15050 - Computer Based Training Specialist / Instructor		30.20
15060 - Educational Technologist		26.30
15070 - Flight Instructor (Pilot)		43.19
15080 - Graphic Artist		19.19
15090 - Technical Instructor		20.31
15095 - Technical Instructor/Course Developer		24.85
15110 - Test Proctor		16.40
15120 - Tutor		16.40
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations		
16010 - Assembler		10.48
16030 - Counter Attendant		10.48
16040 - Dry Cleaner		13.37
16070 - Finisher, Flatwork, Machine		10.48
16090 - Presser, Hand		10.48
16110 - Presser, Machine, Drycleaning		10.48
16130 - Presser, Machine, Shirts		10.48
16160 - Presser, Machine, Wearing Apparel, Laundry		10.48
16190 - Sewing Machine Operator		14.77

16220 - Tailor	15.44
16250 - Washer, Machine	14.77
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	17.22
19040 - Tool And Die Maker	20.34
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	14.25
21030 - Material Coordinator	20.21
21040 - Material Expediter	20.21
21050 - Material Handling Laborer	12.62
21071 - Order Filler	11.57
21080 - Production Line Worker (Food Processing)	14.25
21110 - Shipping Packer	14.10
21130 - Shipping/Receiving Clerk	14.10
21140 - Store Worker I	13.48
21150 - Stock Clerk	16.41
21210 - Tools And Parts Attendant	14.25
21410 - Warehouse Specialist	14.25
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	23.81
23021 - Aircraft Mechanic I	22.68
23022 - Aircraft Mechanic II	23.81
23023 - Aircraft Mechanic III	25.00
23040 - Aircraft Mechanic Helper	16.26
23050 - Aircraft, Painter	19.81

23060 - Aircraft Servicer	18.32
23080 - Aircraft Worker	19.37
23110 - Appliance Mechanic	20.23
23120 - Bicycle Repairer	12.26
23125 - Cable Splicer	25.50
23130 - Carpenter, Maintenance	18.85
23140 - Carpet Layer	17.54
23160 - Electrician, Maintenance	21.62
23181 - Electronics Technician Maintenance I	19.59
23182 - Electronics Technician Maintenance II	22.70
23183 - Electronics Technician Maintenance III	24.23
23260 - Fabric Worker	17.93
23290 - Fire Alarm System Mechanic	21.13
23310 - Fire Extinguisher Repairer	16.92
23311 - Fuel Distribution System Mechanic	19.10
23312 - Fuel Distribution System Operator	17.00
23370 - General Maintenance Worker	16.69
23380 - Ground Support Equipment Mechanic	22.68
23381 - Ground Support Equipment Servicer	18.32
23382 - Ground Support Equipment Worker	19.37
23391 - Gunsmith I	16.92
23392 - Gunsmith II	18.95
23393 - Gunsmith III	21.06
23410 - Heating, Ventilation And Air-Conditioning Mechanic	19.65

23411 - Heating, Ventilation And Air Contditiuning	20.61
Mechanic (Research Facility)	
23430 - Heavy Equipment Mechanic	20.41
23440 - Heavy Equipment Operator	19.45
23460 - Instrument Mechanic	21.34
23465 - Laboratory/Shelter Mechanic	20.00
23470 - Laborer	12.62
23510 - Locksmith	17.07
23530 - Machinery Maintenance Mechanic	20.94
23550 - Machinist, Maintenance	18.46
23580 - Maintenance Trades Helper	13.16
23591 - Metrology Technician I	21.34
23592 - Metrology Technician II	22.39
23593 - Metrology Technician III	23.39
23640 - Millwright	25.06
23710 - Office Appliance Repairer	19.25
23760 - Painter, Maintenance	16.50
23790 - Pipefitter, Maintenance	22.47
23810 - Plumber, Maintenance	20.58
23820 - Pneudraulic Systems Mechanic	21.06
23850 - Rigger	21.06
23870 - Scale Mechanic	18.95
23890 - Sheet-Metal Worker, Maintenance	19.35
23910 - Small Engine Mechanic	14.88
23931 - Telecommunications Mechanic I	24.41

23932 - Telecommunications Mechanic II	26.19
23950 - Telephone Lineman	24.39
23960 - Welder, Combination, Maintenance	19.03
23965 - Well Driller	19.46
23970 - Woodcraft Worker	21.06
23980 - Woodworker	14.36
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	9.23
24580 - Child Care Center Clerk	11.51
24610 - Chore Aide	10.22
24620 - Family Readiness And Support Services Coordinator	12.27
24630 - Homemaker	13.55
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	20.18
25040 - Sewage Plant Operator	19.75
25070 - Stationary Engineer	20.18
25190 - Ventilation Equipment Tender	15.35
25210 - Water Treatment Plant Operator	19.75
27000 - Protective Service Occupations	
27004 - Alarm Monitor	16.29
27007 - Baggage Inspector	13.11
27008 - Corrections Officer	19.46
27010 - Court Security Officer	19.62
27030 - Detection Dog Handler	16.60

27040 - Detention Officer	19.46
27070 - Firefighter	19.14
27101 - Guard I	13.11
27102 - Guard II	16.60
27131 - Police Officer I	20.49
27132 - Police Officer II	22.76
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	10.87
28042 - Carnival Equipment Repairer	11.49
28043 - Carnival Equipment Worker	9.00
28210 - Gate Attendant/Gate Tender	14.00
28310 - Lifeguard	11.34
28350 - Park Attendant (Aide)	15.66
28510 - Recreation Aide/Health Facility Attendant	11.43
28515 - Recreation Specialist	13.33
28630 - Sports Official	12.47
28690 - Swimming Pool Operator	17.64
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	20.74
29020 - Hatch Tender	20.74
29030 - Line Handler	20.74
29041 - Stevedore I	20.29
29042 - Stevedore II	22.63
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (see 2)	35.15

30011 - Air Traffic Control Specialist, Station (HFO) (see 2)	24.24
30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)	26.69
30021 - Archeological Technician I	17.33
30022 - Archeological Technician II	19.38
30023 - Archeological Technician III	24.01
30030 - Cartographic Technician	24.01
30040 - Civil Engineering Technician	22.95
30061 - Drafter/CAD Operator I	17.33
30062 - Drafter/CAD Operator II	19.38
30063 - Drafter/CAD Operator III	21.62
30064 - Drafter/CAD Operator IV	26.21
30081 - Engineering Technician I	14.68
30082 - Engineering Technician II	16.48
30083 - Engineering Technician III	21.45
30084 - Engineering Technician IV	22.83
30085 - Engineering Technician V	27.93
30086 - Engineering Technician VI	33.79
30090 - Environmental Technician	17.89
30210 - Laboratory Technician	20.17
30240 - Mathematical Technician	24.01
30361 - Paralegal/Legal Assistant I	16.98
30362 - Paralegal/Legal Assistant II	21.03
30363 - Paralegal/Legal Assistant III	25.73
30364 - Paralegal/Legal Assistant IV	31.13
30390 - Photo-Optics Technician	24.01

30461 - Technical Writer I	22.63	
30462 - Technical Writer II	27.69	
30463 - Technical Writer III	33.50	
30491 - Unexploded Ordnance (UXO) Technician I	22.34	
30492 - Unexploded Ordnance (UXO) Technician II	27.03	
30493 - Unexploded Ordnance (UXO) Technician III	32.40	
30494 - Unexploded (UXO) Safety Escort	22.34	
30495 - Unexploded (UXO) Sweep Personnel	22.34	
30620 - Weather Observer, Combined Upper Air Or	(see 2)	21.62
Surface Programs		
30621 - Weather Observer, Senior	(see 2)	24.01
31000 - Transportation/Mobile Equipment Operation Occupations		
31020 - Bus Aide	11.57	
31030 - Bus Driver	14.84	
31043 - Driver Courier	14.03	
31260 - Parking and Lot Attendant	10.25	
31290 - Shuttle Bus Driver	14.56	
31310 - Taxi Driver	11.16	
31361 - Truckdriver, Light	14.56	
31362 - Truckdriver, Medium	15.55	
31363 - Truckdriver, Heavy	18.76	
31364 - Truckdriver, Tractor-Trailer	18.76	
99000 - Miscellaneous Occupations		
99030 - Cashier	9.13	
99050 - Desk Clerk	10.60	

99095 - Embalmer	28.59
99251 - Laboratory Animal Caretaker I	9.86
99252 - Laboratory Animal Caretaker II	10.48
99310 - Mortician	28.59
99410 - Pest Controller	16.09
99510 - Photofinishing Worker	13.66
99710 - Recycling Laborer	14.35
99711 - Recycling Specialist	16.31
99730 - Refuse Collector	13.39
99810 - Sales Clerk	11.87
99820 - School Crossing Guard	10.68
99830 - Survey Party Chief	17.19
99831 - Surveying Aide	10.46
99832 - Surveying Technician	15.64
99840 - Vending Machine Attendant	13.20
99841 - Vending Machine Repairer	15.57
99842 - Vending Machine Repairer Helper	13.28

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$3.35 per hour or \$134.00 per week or \$580.66 per month

VACATION: 1 week paid vacation after 1 year of service with a contractor or successor; 2 weeks after 2 years; and 3 weeks after 10 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year, New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than \$27.63 (or on a salary or fee basis at a rate not less than \$455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541.400) wage rates may not be listed on this wage determination for all occupations

within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds \$27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

- (1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;
- (2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;
- (3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or
- (4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives.

Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the

employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in

those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at <http://www.dol.gov/esa/whd/> or through the Wage Determinations On-Line (WDOL) Web site at <http://wdol.gov/>.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such

conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent

information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination.

Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

WD 05-2273 (Rev.-9) was first posted on www.wdol.gov on 06/02/2009

REGISTER OF WAGE DETERMINATIONS UNDER | U.S. DEPARTMENT OF LABOR

THE SERVICE CONTRACT ACT | EMPLOYMENT STANDARDS ADMINISTRATION

By direction of the Secretary of Labor | WAGE AND HOUR DIVISION

| WASHINGTON D.C. 20210

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| Wage Determination No.: 2005-2273

Shirley F. Ebbesen Division of | Revision No.: 9

Director Wage Determinations | Date Of Revision: 05/26/2009

State: Michigan

Area: Michigan Counties of Genesee, Lapeer, Macomb, Monroe, Oakland, St Clair,
Wayne

****Fringe Benefits Required Follow the Occupational Listing****

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		14.22
01012 - Accounting Clerk II		15.96
01013 - Accounting Clerk III		18.77
01020 - Administrative Assistant		25.70
01040 - Court Reporter		18.00
01051 - Data Entry Operator I		12.97
01052 - Data Entry Operator II		14.39

01060 - Dispatcher, Motor Vehicle	20.19
01070 - Document Preparation Clerk	14.39
01090 - Duplicating Machine Operator	14.39
01111 - General Clerk I	12.11
01112 - General Clerk II	13.25
01113 - General Clerk III	15.09
01120 - Housing Referral Assistant	22.04
01141 - Messenger Courier	11.47
01191 - Order Clerk I	12.87
01192 - Order Clerk II	15.69
01261 - Personnel Assistant (Employment) I	16.58
01262 - Personnel Assistant (Employment) II	19.33
01263 - Personnel Assistant (Employment) III	21.57
01270 - Production Control Clerk	21.45
01280 - Receptionist	13.67
01290 - Rental Clerk	15.11
01300 - Scheduler, Maintenance	16.62
01311 - Secretary I	16.62
01312 - Secretary II	18.61
01313 - Secretary III	22.04
01320 - Service Order Dispatcher	17.49
01410 - Supply Technician	25.70
01420 - Survey Worker	17.39
01531 - Travel Clerk I	12.78
01532 - Travel Clerk II	13.89

01533 - Travel Clerk III	15.03
01611 - Word Processor I	14.80
01612 - Word Processor II	16.61
01613 - Word Processor III	18.81
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	23.13
05010 - Automotive Electrician	22.58
05040 - Automotive Glass Installer	21.84
05070 - Automotive Worker	21.84
05110 - Mobile Equipment Servicer	20.43
05130 - Motor Equipment Metal Mechanic	23.31
05160 - Motor Equipment Metal Worker	21.84
05190 - Motor Vehicle Mechanic	23.31
05220 - Motor Vehicle Mechanic Helper	19.71
05250 - Motor Vehicle Upholstery Worker	21.12
05280 - Motor Vehicle Wrecker	21.84
05310 - Painter, Automotive	22.58
05340 - Radiator Repair Specialist	21.84
05370 - Tire Repairer	19.58
05400 - Transmission Repair Specialist	23.31
07000 - Food Preparation And Service Occupations	
07010 - Baker	14.94
07041 - Cook I	13.96
07042 - Cook II	14.94
07070 - Dishwasher	11.64

07130 - Food Service Worker	11.64
07210 - Meat Cutter	16.26
07260 - Waiter/Waitress	12.36
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	21.31
09040 - Furniture Handler	17.09
09080 - Furniture Refinisher	21.31
09090 - Furniture Refinisher Helper	18.64
09110 - Furniture Repairer, Minor	19.98
09130 - Upholsterer	21.31
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	14.97
11060 - Elevator Operator	14.97
11090 - Gardener	17.38
11122 - Housekeeping Aide	13.40
11150 - Janitor	13.41
11210 - Laborer, Grounds Maintenance	14.78
11240 - Maid or Houseman	11.03
11260 - Pruner	13.63
11270 - Tractor Operator	15.88
11330 - Trail Maintenance Worker	14.78
11360 - Window Cleaner	14.24
12000 - Health Occupations	
12010 - Ambulance Driver	16.27
12011 - Breath Alcohol Technician	19.72

12012 - Certified Occupational Therapist Assistant	21.21
12015 - Certified Physical Therapist Assistant	20.73
12020 - Dental Assistant	17.03
12025 - Dental Hygienist	29.74
12030 - EKG Technician	24.18
12035 - Electroneurodiagnostic Technologist	24.18
12040 - Emergency Medical Technician	16.27
12071 - Licensed Practical Nurse I	17.61
12072 - Licensed Practical Nurse II	19.72
12073 - Licensed Practical Nurse III	21.23
12100 - Medical Assistant	14.47
12130 - Medical Laboratory Technician	22.29
12160 - Medical Record Clerk	15.42
12190 - Medical Record Technician	17.70
12195 - Medical Transcriptionist	16.46
12210 - Nuclear Medicine Technologist	32.72
12221 - Nursing Assistant I	11.25
12222 - Nursing Assistant II	11.83
12223 - Nursing Assistant III	13.04
12224 - Nursing Assistant IV	14.54
12235 - Optical Dispenser	17.60
12236 - Optical Technician	16.12
12250 - Pharmacy Technician	16.16
12280 - Phlebotomist	14.54
12305 - Radiologic Technologist	26.11

12311 - Registered Nurse I	29.83
12312 - Registered Nurse II	32.20
12313 - Registered Nurse II, Specialist	32.20
12314 - Registered Nurse III	44.14
12315 - Registered Nurse III, Anesthetist	44.14
12316 - Registered Nurse IV	52.92
12317 - Scheduler (Drug and Alcohol Testing)	24.02
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	21.47
13012 - Exhibits Specialist II	26.61
13013 - Exhibits Specialist III	32.54
13041 - Illustrator I	25.01
13042 - Illustrator II	30.40
13043 - Illustrator III	35.82
13047 - Librarian	29.69
13050 - Library Aide/Clerk	12.51
13054 - Library Information Technology Systems Administrator	25.69
13058 - Library Technician	17.00
13061 - Media Specialist I	16.86
13062 - Media Specialist II	18.86
13063 - Media Specialist III	21.03
13071 - Photographer I	17.65
13072 - Photographer II	20.75
13073 - Photographer III	26.88

13074 - Photographer IV		31.16
13075 - Photographer V		36.20
13110 - Video Teleconference Technician		17.86
14000 - Information Technology Occupations		
14041 - Computer Operator I		15.66
14042 - Computer Operator II		18.06
14043 - Computer Operator III		19.80
14044 - Computer Operator IV		21.95
14045 - Computer Operator V		23.93
14071 - Computer Programmer I	(see 1)	22.41
14072 - Computer Programmer II	(see 1)	27.62
14073 - Computer Programmer III	(see 1)	
14074 - Computer Programmer IV	(see 1)	
14101 - Computer Systems Analyst I	(see 1)	
14102 - Computer Systems Analyst II	(see 1)	
14103 - Computer Systems Analyst III	(see 1)	
14150 - Peripheral Equipment Operator		15.66
14160 - Personal Computer Support Technician		21.95
15000 - Instructional Occupations		
15010 - Aircrew Training Devices Instructor (Non-Rated)		31.45
15020 - Aircrew Training Devices Instructor (Rated)		38.06
15030 - Air Crew Training Devices Instructor (Pilot)		46.17
15050 - Computer Based Training Specialist / Instructor		31.45
15060 - Educational Technologist		30.25
15070 - Flight Instructor (Pilot)		46.17

15080 - Graphic Artist	27.83	
15090 - Technical Instructor	24.40	
15095 - Technical Instructor/Course Developer		32.69
15110 - Test Proctor	19.82	
15120 - Tutor	19.82	
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations		
16010 - Assembler	9.87	
16030 - Counter Attendant	9.87	
16040 - Dry Cleaner	13.34	
16070 - Finisher, Flatwork, Machine	9.87	
16090 - Presser, Hand	9.87	
16110 - Presser, Machine, Drycleaning	9.87	
16130 - Presser, Machine, Shirts	9.87	
16160 - Presser, Machine, Wearing Apparel, Laundry		9.87
16190 - Sewing Machine Operator	14.52	
16220 - Tailor	15.65	
16250 - Washer, Machine	10.97	
19000 - Machine Tool Operation And Repair Occupations		
19010 - Machine-Tool Operator (Tool Room)		26.18
19040 - Tool And Die Maker	29.03	
21000 - Materials Handling And Packing Occupations		
21020 - Forklift Operator	19.67	
21030 - Material Coordinator	24.49	
21040 - Material Expediter	23.53	
21050 - Material Handling Laborer	18.05	

21071 - Order Filler	14.47	
21080 - Production Line Worker (Food Processing)		19.67
21110 - Shipping Packer	16.81	
21130 - Shipping/Receiving Clerk	16.81	
21140 - Store Worker I	16.86	
21150 - Stock Clerk	21.44	
21210 - Tools And Parts Attendant	19.67	
21410 - Warehouse Specialist	19.67	
23000 - Mechanics And Maintenance And Repair Occupations		
23010 - Aerospace Structural Welder	27.91	
23021 - Aircraft Mechanic I	26.58	
23022 - Aircraft Mechanic II	27.91	
23023 - Aircraft Mechanic III	29.37	
23040 - Aircraft Mechanic Helper	18.58	
23050 - Aircraft, Painter	24.55	
23060 - Aircraft Servicer	21.21	
23080 - Aircraft Worker	22.27	
23110 - Appliance Mechanic	23.44	
23120 - Bicycle Repairer	18.66	
23125 - Cable Splicer	27.79	
23130 - Carpenter, Maintenance	25.10	
23140 - Carpet Layer	24.10	
23160 - Electrician, Maintenance	32.65	
23181 - Electronics Technician Maintenance I	26.20	
23182 - Electronics Technician Maintenance II	27.07	

23183 - Electronics Technician Maintenance III	29.82
23260 - Fabric Worker	23.20
23290 - Fire Alarm System Mechanic	24.83
23310 - Fire Extinguisher Repairer	22.37
23311 - Fuel Distribution System Mechanic	24.73
23312 - Fuel Distribution System Operator	21.48
23370 - General Maintenance Worker	22.70
23380 - Ground Support Equipment Mechanic	26.58
23381 - Ground Support Equipment Servicer	21.21
23382 - Ground Support Equipment Worker	22.27
23391 - Gunsmith I	22.37
23392 - Gunsmith II	24.10
23393 - Gunsmith III	25.75
23410 - Heating, Ventilation And Air-Conditioning Mechanic	25.96
23411 - Heating, Ventilation And Air Contditioning Mechanic (Research Facility)	26.71
23430 - Heavy Equipment Mechanic	27.11
23440 - Heavy Equipment Operator	27.30
23460 - Instrument Mechanic	29.03
23465 - Laboratory/Shelter Mechanic	24.89
23470 - Laborer	16.69
23510 - Locksmith	23.44
23530 - Machinery Maintenance Mechanic	28.66
23550 - Machinist, Maintenance	28.66

23580 - Maintenance Trades Helper	18.73
23591 - Metrology Technician I	29.03
23592 - Metrology Technician II	29.96
23593 - Metrology Technician III	30.88
23640 - Millwright	32.03
23710 - Office Appliance Repairer	24.16
23760 - Painter, Maintenance	26.60
23790 - Pipefitter, Maintenance	29.87
23810 - Plumber, Maintenance	29.24
23820 - Pneudraulic Systems Mechanic	25.75
23850 - Rigger	24.41
23870 - Scale Mechanic	24.10
23890 - Sheet-Metal Worker, Maintenance	26.73
23910 - Small Engine Mechanic	22.70
23931 - Telecommunications Mechanic I	26.29
23932 - Telecommunications Mechanic II	27.07
23950 - Telephone Lineman	26.29
23960 - Welder, Combination, Maintenance	26.46
23965 - Well Driller	25.34
23970 - Woodcraft Worker	25.75
23980 - Woodworker	22.37
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	13.85
24580 - Child Care Center Clerk	18.10
24610 - Chore Aide	11.03

24620 - Family Readiness And Support Services	16.29
Coordinator	
24630 - Homemaker	19.20
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	26.67
25040 - Sewage Plant Operator	24.55
25070 - Stationary Engineer	26.67
25190 - Ventilation Equipment Tender	20.54
25210 - Water Treatment Plant Operator	24.55
27000 - Protective Service Occupations	
27004 - Alarm Monitor	19.57
27007 - Baggage Inspector	12.39
27008 - Corrections Officer	22.93
27010 - Court Security Officer	23.72
27030 - Detection Dog Handler	19.75
27040 - Detention Officer	22.93
27070 - Firefighter	20.59
27101 - Guard I	12.39
27102 - Guard II	19.75
27131 - Police Officer I	27.65
27132 - Police Officer II	30.72
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	13.47
28042 - Carnival Equipment Repairer	13.95
28043 - Carnival Equipment Worker	11.64

28210 - Gate Attendant/Gate Tender	13.78
28310 - Lifeguard	12.28
28350 - Park Attendant (Aide)	15.42
28510 - Recreation Aide/Health Facility Attendant	10.89
28515 - Recreation Specialist	15.07
28630 - Sports Official	12.28
28690 - Swimming Pool Operator	19.88
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	22.58
29020 - Hatch Tender	22.58
29030 - Line Handler	22.58
29041 - Stevedore I	21.82
29042 - Stevedore II	23.37
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (see 2)	38.15
30011 - Air Traffic Control Specialist, Station (HFO) (see 2)	26.30
30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)	28.97
30021 - Archeological Technician I	20.08
30022 - Archeological Technician II	22.47
30023 - Archeological Technician III	27.83
30030 - Cartographic Technician	27.83
30040 - Civil Engineering Technician	27.83
30061 - Drafter/CAD Operator I	20.08
30062 - Drafter/CAD Operator II	22.47
30063 - Drafter/CAD Operator III	25.05

30064 - Drafter/CAD Operator IV	30.82
30081 - Engineering Technician I	17.51
30082 - Engineering Technician II	19.67
30083 - Engineering Technician III	22.94
30084 - Engineering Technician IV	28.31
30085 - Engineering Technician V	33.36
30086 - Engineering Technician VI	40.35
30090 - Environmental Technician	22.74
30210 - Laboratory Technician	19.73
30240 - Mathematical Technician	27.83
30361 - Paralegal/Legal Assistant I	20.11
30362 - Paralegal/Legal Assistant II	24.91
30363 - Paralegal/Legal Assistant III	30.46
30364 - Paralegal/Legal Assistant IV	36.86
30390 - Photo-Optics Technician	27.83
30461 - Technical Writer I	25.25
30462 - Technical Writer II	30.90
30463 - Technical Writer III	35.53
30491 - Unexploded Ordnance (UXO) Technician I	24.24
30492 - Unexploded Ordnance (UXO) Technician II	29.33
30493 - Unexploded Ordnance (UXO) Technician III	35.16
30494 - Unexploded (UXO) Safety Escort	24.24
30495 - Unexploded (UXO) Sweep Personnel	24.24
30620 - Weather Observer, Combined Upper Air Or	(see 2) 23.33

Surface Programs

30621 - Weather Observer, Senior	(see 2)	25.94
31000 - Transportation/Mobile Equipment Operation Occupations		
31020 - Bus Aide		13.26
31030 - Bus Driver		16.92
31043 - Driver Courier		17.03
31260 - Parking and Lot Attendant		11.40
31290 - Shuttle Bus Driver		18.08
31310 - Taxi Driver		13.66
31361 - Truckdriver, Light		18.08
31362 - Truckdriver, Medium		19.61
31363 - Truckdriver, Heavy		21.82
31364 - Truckdriver, Tractor-Trailer		21.85
99000 - Miscellaneous Occupations		
99030 - Cashier		10.62
99050 - Desk Clerk		11.40
99095 - Embalmer		24.24
99251 - Laboratory Animal Caretaker I		12.98
99252 - Laboratory Animal Caretaker II		14.46
99310 - Mortician		31.98
99410 - Pest Controller		17.53
99510 - Photofinishing Worker		14.08
99710 - Recycling Laborer		17.40
99711 - Recycling Specialist		19.31
99730 - Refuse Collector		15.45
99810 - Sales Clerk		11.06

99820 - School Crossing Guard	11.64
99830 - Survey Party Chief	23.67
99831 - Surveying Aide	12.32
99832 - Surveying Technician	18.86
99840 - Vending Machine Attendant	15.58
99841 - Vending Machine Repairer	19.58
99842 - Vending Machine Repairer Helper	15.58

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$3.35 per hour or \$134.00 per week or \$580.66 per month

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year, New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor

Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordinance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive

ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives.

Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the

following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at <http://www.dol.gov/esa/whd/> or through the Wage Determinations On-Line (WDOL) Web site at <http://wdol.gov/>.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form

1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)}

When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order

proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination.

Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

05-2047 (Rev.-9) was first posted on www.wdol.gov on 06/02/2009

REGISTER OF WAGE DETERMINATIONS UNDER | U.S. DEPARTMENT OF LABOR
THE SERVICE CONTRACT ACT | EMPLOYMENT STANDARDS ADMINISTRATION

By direction of the Secretary of Labor | WAGE AND HOUR DIVISION

| WASHINGTON D.C. 20210

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| Wage Determination No.: 2005-2047

Shirley F. Ebbesen Division of | Revision No.: 9

Director Wage Determinations | Date Of Revision: 05/26/2009

State: California

Area: California Counties of Los Angeles, Orange

OCCUPATION NOTES:

Heating, Air Conditioning and Refrigeration: Wage rates and fringe benefits

can be found on Wage Determinations 1986-0879.

Laundry: Wage rates and fringe benefits can be found on Wage Determination

1977-1297.

****Fringe Benefits Required Follow the Occupational Listing****

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		14.59
01012 - Accounting Clerk II		16.38
01013 - Accounting Clerk III		18.61
01020 - Administrative Assistant		26.82
01040 - Court Reporter		19.38
01051 - Data Entry Operator I		12.05
01052 - Data Entry Operator II		13.15
01060 - Dispatcher, Motor Vehicle		22.41
01070 - Document Preparation Clerk		13.66
01090 - Duplicating Machine Operator		13.66
01111 - General Clerk I		10.69
01112 - General Clerk II		14.92
01113 - General Clerk III		16.67
01120 - Housing Referral Assistant		21.90
01141 - Messenger Courier		10.62

01191 - Order Clerk I	16.98
01192 - Order Clerk II	18.53
01261 - Personnel Assistant (Employment) I	17.26
01262 - Personnel Assistant (Employment) II	19.31
01263 - Personnel Assistant (Employment) III	22.26
01270 - Production Control Clerk	23.51
01280 - Receptionist	14.51
01290 - Rental Clerk	15.10
01300 - Scheduler, Maintenance	16.84
01311 - Secretary I	16.84
01312 - Secretary II	19.17
01313 - Secretary III	21.90
01320 - Service Order Dispatcher	19.54
01410 - Supply Technician	26.82
01420 - Survey Worker	19.38
01531 - Travel Clerk I	14.25
01532 - Travel Clerk II	15.43
01533 - Travel Clerk III	16.57
01611 - Word Processor I	15.03
01612 - Word Processor II	16.87
01613 - Word Processor III	18.76
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	22.94
05010 - Automotive Electrician	21.60
05040 - Automotive Glass Installer	20.29

05070 - Automotive Worker	20.29
05110 - Mobile Equipment Servicer	18.66
05130 - Motor Equipment Metal Mechanic	22.94
05160 - Motor Equipment Metal Worker	20.29
05190 - Motor Vehicle Mechanic	22.94
05220 - Motor Vehicle Mechanic Helper	17.90
05250 - Motor Vehicle Upholstery Worker	19.86
05280 - Motor Vehicle Wrecker	20.29
05310 - Painter, Automotive	21.60
05340 - Radiator Repair Specialist	20.29
05370 - Tire Repairer	15.47
05400 - Transmission Repair Specialist	22.94
07000 - Food Preparation And Service Occupations	
07010 - Baker	12.21
07041 - Cook I	12.91
07042 - Cook II	14.31
07070 - Dishwasher	9.89
07130 - Food Service Worker	10.85
07210 - Meat Cutter	15.92
07260 - Waiter/Waitress	9.85
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	18.59
09040 - Furniture Handler	12.42
09080 - Furniture Refinisher	18.59
09090 - Furniture Refinisher Helper	14.82

09110 - Furniture Repairer, Minor	17.04
09130 - Upholsterer	18.59
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	11.19
11060 - Elevator Operator	11.19
11090 - Gardener	17.46
11122 - Housekeeping Aide	11.44
11150 - Janitor	13.27
11210 - Laborer, Grounds Maintenance	13.09
11240 - Maid or Houseman	9.36
11260 - Pruner	13.27
11270 - Tractor Operator	15.57
11330 - Trail Maintenance Worker	13.09
11360 - Window Cleaner	15.03
12000 - Health Occupations	
12010 - Ambulance Driver	17.82
12011 - Breath Alcohol Technician	17.82
12012 - Certified Occupational Therapist Assistant	26.03
12015 - Certified Physical Therapist Assistant	25.97
12020 - Dental Assistant	16.41
12025 - Dental Hygienist	38.30
12030 - EKG Technician	26.48
12035 - Electroneurodiagnostic Technologist	26.48
12040 - Emergency Medical Technician	17.82
12071 - Licensed Practical Nurse I	16.75

12072 - Licensed Practical Nurse II	18.77
12073 - Licensed Practical Nurse III	22.42
12100 - Medical Assistant	14.82
12130 - Medical Laboratory Technician	19.73
12160 - Medical Record Clerk	15.93
12190 - Medical Record Technician	17.82
12195 - Medical Transcriptionist	17.59
12210 - Nuclear Medicine Technologist	34.87
12221 - Nursing Assistant I	9.63
12222 - Nursing Assistant II	10.82
12223 - Nursing Assistant III	11.81
12224 - Nursing Assistant IV	13.26
12235 - Optical Dispenser	16.65
12236 - Optical Technician	15.71
12250 - Pharmacy Technician	17.34
12280 - Phlebotomist	13.26
12305 - Radiologic Technologist	24.54
12311 - Registered Nurse I	30.80
12312 - Registered Nurse II	37.68
12313 - Registered Nurse II, Specialist	37.68
12314 - Registered Nurse III	45.63
12315 - Registered Nurse III, Anesthetist	45.63
12316 - Registered Nurse IV	54.69
12317 - Scheduler (Drug and Alcohol Testing)	22.81
13000 - Information And Arts Occupations	

13011 - Exhibits Specialist I	24.83	
13012 - Exhibits Specialist II	30.76	
13013 - Exhibits Specialist III	37.63	
13041 - Illustrator I	25.31	
13042 - Illustrator II	31.37	
13043 - Illustrator III	38.35	
13047 - Librarian	30.36	
13050 - Library Aide/Clerk	16.49	
13054 - Library Information Technology Systems Administrator		26.57
13058 - Library Technician	21.38	
13061 - Media Specialist I	18.51	
13062 - Media Specialist II	20.69	
13063 - Media Specialist III	23.07	
13071 - Photographer I	17.95	
13072 - Photographer II	20.08	
13073 - Photographer III	26.61	
13074 - Photographer IV	33.56	
13075 - Photographer V	40.61	
13110 - Video Teleconference Technician		18.25
14000 - Information Technology Occupations		
14041 - Computer Operator I	17.32	
14042 - Computer Operator II	19.38	
14043 - Computer Operator III	22.89	
14044 - Computer Operator IV	25.73	

14045 - Computer Operator V		25.80
14071 - Computer Programmer I	(see 1)	24.93
14072 - Computer Programmer II	(see 1)	
14073 - Computer Programmer III	(see 1)	
14074 - Computer Programmer IV	(see 1)	
14101 - Computer Systems Analyst I	(see 1)	
14102 - Computer Systems Analyst II	(see 1)	
14103 - Computer Systems Analyst III	(see 1)	
14150 - Peripheral Equipment Operator		17.32
14160 - Personal Computer Support Technician		25.73
15000 - Instructional Occupations		
15010 - Aircrew Training Devices Instructor (Non-Rated)		34.08
15020 - Aircrew Training Devices Instructor (Rated)		41.23
15030 - Air Crew Training Devices Instructor (Pilot)		49.43
15050 - Computer Based Training Specialist / Instructor		34.08
15060 - Educational Technologist		32.81
15070 - Flight Instructor (Pilot)		49.43
15080 - Graphic Artist		25.66
15090 - Technical Instructor		23.72
15095 - Technical Instructor/Course Developer		29.02
15110 - Test Proctor		19.15
15120 - Tutor		19.15
19000 - Machine Tool Operation And Repair Occupations		
19010 - Machine-Tool Operator (Tool Room)		18.52
19040 - Tool And Die Maker		23.95

21000 - Materials Handling And Packing Occupations

21020 - Forklift Operator	14.46
21030 - Material Coordinator	23.51
21040 - Material Expediter	23.51
21050 - Material Handling Laborer	13.02
21071 - Order Filler	13.31
21080 - Production Line Worker (Food Processing)	14.46
21110 - Shipping Packer	15.08
21130 - Shipping/Receiving Clerk	15.08
21140 - Store Worker I	11.30
21150 - Stock Clerk	16.13
21210 - Tools And Parts Attendant	14.46
21410 - Warehouse Specialist	14.46

23000 - Mechanics And Maintenance And Repair Occupations

23010 - Aerospace Structural Welder	30.78
23021 - Aircraft Mechanic I	29.10
23022 - Aircraft Mechanic II	30.78
23023 - Aircraft Mechanic III	31.94
23040 - Aircraft Mechanic Helper	20.38
23050 - Aircraft, Painter	24.41
23060 - Aircraft Servicer	23.55
23080 - Aircraft Worker	24.58
23110 - Appliance Mechanic	19.52
23120 - Bicycle Repairer	15.47
23125 - Cable Splicer	29.85

23130 - Carpenter, Maintenance	27.29
23140 - Carpet Layer	19.20
23160 - Electrician, Maintenance	30.18
23181 - Electronics Technician Maintenance I	23.38
23182 - Electronics Technician Maintenance II	24.90
23183 - Electronics Technician Maintenance III	26.53
23260 - Fabric Worker	23.38
23290 - Fire Alarm System Mechanic	20.30
23310 - Fire Extinguisher Repairer	18.25
23311 - Fuel Distribution System Mechanic	25.48
23312 - Fuel Distribution System Operator	19.48
23370 - General Maintenance Worker	23.26
23380 - Ground Support Equipment Mechanic	29.10
23381 - Ground Support Equipment Servicer	23.55
23382 - Ground Support Equipment Worker	24.58
23391 - Gunsmith I	18.25
23392 - Gunsmith II	21.11
23393 - Gunsmith III	23.87
23430 - Heavy Equipment Mechanic	26.97
23440 - Heavy Equipment Operator	31.04
23460 - Instrument Mechanic	25.70
23465 - Laboratory/Shelter Mechanic	22.49
23470 - Laborer	12.49
23510 - Locksmith	18.81
23530 - Machinery Maintenance Mechanic	24.65

23550 - Machinist, Maintenance	25.41
23580 - Maintenance Trades Helper	14.82
23591 - Metrology Technician I	25.70
23592 - Metrology Technician II	27.13
23593 - Metrology Technician III	29.73
23640 - Millwright	25.45
23710 - Office Appliance Repairer	20.86
23760 - Painter, Maintenance	21.05
23790 - Pipefitter, Maintenance	23.40
23810 - Plumber, Maintenance	22.04
23820 - Pneudraulic Systems Mechanic	23.87
23850 - Rigger	26.81
23870 - Scale Mechanic	21.11
23890 - Sheet-Metal Worker, Maintenance	22.13
23910 - Small Engine Mechanic	18.70
23931 - Telecommunications Mechanic I	24.92
23932 - Telecommunications Mechanic II	26.39
23950 - Telephone Lineman	24.18
23960 - Welder, Combination, Maintenance	19.75
23965 - Well Driller	23.18
23970 - Woodcraft Worker	21.73
23980 - Woodworker	16.81
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	13.05
24580 - Child Care Center Clerk	16.03

24610 - Chore Aide	10.57	
24620 - Family Readiness And Support Services Coordinator		15.39
24630 - Homemaker	19.21	
25000 - Plant And System Operations Occupations		
25010 - Boiler Tender	26.22	
25040 - Sewage Plant Operator	26.21	
25070 - Stationary Engineer	26.22	
25190 - Ventilation Equipment Tender	18.34	
25210 - Water Treatment Plant Operator	26.21	
27000 - Protective Service Occupations		
27004 - Alarm Monitor	23.77	
27007 - Baggage Inspector	12.80	
27008 - Corrections Officer	29.13	
27010 - Court Security Officer	30.28	
27030 - Detection Dog Handler	23.77	
27040 - Detention Officer	29.13	
27070 - Firefighter	29.97	
27101 - Guard I	12.80	
27102 - Guard II	23.77	
27131 - Police Officer I	35.71	
27132 - Police Officer II	39.68	
28000 - Recreation Occupations		
28041 - Carnival Equipment Operator	12.76	
28042 - Carnival Equipment Repairer	13.74	

28043 - Carnival Equipment Worker	9.67
28210 - Gate Attendant/Gate Tender	14.09
28310 - Lifeguard	13.26
28350 - Park Attendant (Aide)	15.76
28510 - Recreation Aide/Health Facility Attendant	11.11
28515 - Recreation Specialist	18.75
28630 - Sports Official	12.55
28690 - Swimming Pool Operator	16.97
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	21.53
29020 - Hatch Tender	21.53
29030 - Line Handler	21.53
29041 - Stevedore I	20.46
29042 - Stevedore II	22.93
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (see 2)	39.06
30011 - Air Traffic Control Specialist, Station (HFO) (see 2)	27.98
30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)	29.66
30021 - Archeological Technician I	20.47
30022 - Archeological Technician II	22.01
30023 - Archeological Technician III	31.33
30030 - Cartographic Technician	31.33
30040 - Civil Engineering Technician	28.07
30061 - Drafter/CAD Operator I	22.60
30062 - Drafter/CAD Operator II	25.28

30063 - Drafter/CAD Operator III	28.18
30064 - Drafter/CAD Operator IV	34.68
30081 - Engineering Technician I	18.14
30082 - Engineering Technician II	20.37
30083 - Engineering Technician III	22.78
30084 - Engineering Technician IV	28.23
30085 - Engineering Technician V	34.88
30086 - Engineering Technician VI	41.77
30090 - Environmental Technician	25.20
30210 - Laboratory Technician	21.03
30240 - Mathematical Technician	30.84
30361 - Paralegal/Legal Assistant I	21.17
30362 - Paralegal/Legal Assistant II	26.22
30363 - Paralegal/Legal Assistant III	32.07
30364 - Paralegal/Legal Assistant IV	38.81
30390 - Photo-Optics Technician	30.84
30461 - Technical Writer I	23.03
30462 - Technical Writer II	28.18
30463 - Technical Writer III	34.09
30491 - Unexploded Ordnance (UXO) Technician I	24.82
30492 - Unexploded Ordnance (UXO) Technician II	30.03
30493 - Unexploded Ordnance (UXO) Technician III	36.00
30494 - Unexploded (UXO) Safety Escort	24.82
30495 - Unexploded (UXO) Sweep Personnel	24.82
30620 - Weather Observer, Combined Upper Air Or (see 2)	27.65

Surface Programs

30621 - Weather Observer, Senior (see 2) 30.72

31000 - Transportation/Mobile Equipment Operation Occupations

31020 - Bus Aide 13.63

31030 - Bus Driver 19.62

31043 - Driver Courier 12.90

31260 - Parking and Lot Attendant 8.83

31290 - Shuttle Bus Driver 14.07

31310 - Taxi Driver 12.03

31361 - Truckdriver, Light 14.07

31362 - Truckdriver, Medium 20.63

31363 - Truckdriver, Heavy 21.78

31364 - Truckdriver, Tractor-Trailer 21.78

99000 - Miscellaneous Occupations

99030 - Cashier 12.13

99050 - Desk Clerk 12.65

99095 - Embalmer 21.08

99251 - Laboratory Animal Caretaker I 10.66

99252 - Laboratory Animal Caretaker II 11.63

99310 - Mortician 34.35

99410 - Pest Controller 15.17

99510 - Photofinishing Worker 14.87

99710 - Recycling Laborer 19.12

99711 - Recycling Specialist 22.43

99730 - Refuse Collector 17.05

99810 - Sales Clerk	15.57
99820 - School Crossing Guard	9.51
99830 - Survey Party Chief	34.71
99831 - Surveying Aide	19.43
99832 - Surveying Technician	25.56
99840 - Vending Machine Attendant	12.77
99841 - Vending Machine Repairer	14.67
99842 - Vending Machine Repairer Helper	12.77

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$3.35 per hour or \$134.00 per week or \$580.66 per month

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year, New Year's Day, Martin Luther

King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than \$27.63 (or on a salary or fee basis at a rate not less than \$455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541.400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds \$27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage

determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

- (1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;
- (2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;
- (3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or
- (4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives.

Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006,

unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at <http://www.dol.gov/esa/whd/> or through the Wage Determinations On-Line (WDOL) Web site at <http://wdol.gov/>.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)}

When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).

- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination.

Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

PAST PERFORMANCE QUESTIONNAIRE

1. Contractor Name (b) (4)	2. Contract Number (b) (4)
3. Contractor Address: (b) (4)	4. Contract Type: (b) (4)
5. Agency Name (b) (4)	6. Agency POC/Phone/Fax: (b) (4)
7. Period of Performance (b) (4)	8. Dollar Amount of Award Total Dollar Value with Mo (b) (4)
9. Title of Contract: (b) (4)	
10. Description of Contract Services: (b) (4)	
11. Complexity of Work: (b) (4)	

NOTE: Please use adjectival ratings from attached sheet.

12. Evaluation Factor	13. Comments (Attach additional sheets, if necessary.)	14. Rating
a. Quality of Work	(b) (4)	(4)
b. Personnel		
c. Subcontractor Mgmt		
d. Business Relations		
e. Timeliness of Performance		
f. Customer Satisfaction		
g. Cost/Budget Control		

15. Would you select this firm again? Please explain. (Attach additional sheet if necessary.) (b) (4)	
16. Name & Date: (b) (4)	17. Title: (b) (4)

PAST PERFORMANCE QUESTIONNAIRE

1. Contractor Name: (b) (4)	2. Contract Number: (b) (4)
3. Contractor Address: (b) (4)	4. Contract Type: (b) (4)
5. Agency Name: (b) (4)	6. Agency POC/Title: (b) (4)
7. Period of Performance: (b) (4)	8. Dollar Amount of Award Total Dollar Value with Mo: (b) (4)
9. Title of Contract: (b) (4)	
10. Description of Contract Service: (b) (4)	
11. Complexity of Work: (b) (4)	

NOTE: Please use adjectival ratings from attached sheet.

12. Evaluation Factor	13. Comments (Attach additional sheets, if necessary.)	14. Rating
a. Quality of Work	(b) (4)	(4)
b. Personnel		
c. Subcontractor Mgmt.		
d. Business Relations		
e. Timeliness of Performance		
f. Customer Satisfaction		
g. Cost/Budget Control		

(b) (4)

15. Would you select this firm again? Please explain. (Attach additional sheet if necessary.)

(b) (4)

16. Name & Date (b) (4)

17. Title (b) (4)

PAST PERFORMANCE RATING GUIDELINES

Summarize Contractor Performance in each of the rating areas. Assign each area a rating of Unsatisfactory, Poor, Fair, Good, Excellent. Use the following instructions as guidance in making these evaluations. Note: There is no corresponding guidance for "Customer Satisfaction". Please use the comments area on the preceding form to justify the rating given "Customer Satisfaction."

Ratings	Quality of Work/ Personnel/Service	Cost Control	Timeliness of Performance	Business Relations/Sub Contractor Mgmt
Unsatisfactory	<ul style="list-style-type: none"> -Compliance w/contract requirements -Accuracy of reports -Appropriateness of personnel -Technical excellence 	<ul style="list-style-type: none"> -Within budget -Current, accurate, complete billings -Relationship of negotiated costs to actual -Cost efficiencies -Change orders issued 	<ul style="list-style-type: none"> -Met interim milestones -Reliable -Responsive to technical direction -Completed on time 	<ul style="list-style-type: none"> -Effective Mgmt -Businesslike correspondence -Responsive to contract reqmnts -Prompt notification of problems -Reasonable/cooperative -Flexible -Pro-active -Effective SB/SDB Subcontract Program
Poor	Nonconformances require major agency resources to ensure achievement of contract reqmnts	Cost issues require major agency resources to ensure achievement of contract reqmnts	Delays require major agency resources to ensure achievement of contract reqmnts	Response is marginally effective
Fair	Nonconformances require minor agency resources to ensure achievement of contract reqmnts	Cost issues require minor agency resources to ensure achievement of contract reqmnts	Delays require minor agency resources to ensure achievement of contract reqmnts	Response is somewhat effective
Good	Nonconformances do not impact achievement of contract reqmnts	Cost issues do not impact achievement of contract reqmnts	Delays do not impact achievement of contract reqmnts	Response is usually effective
Excellent	There are no quality problems	There are no cost issues	There are no delays	Response is effective

PAST PERFORMANCE QUESTIONNAIRE	
1. Contractor Name: (b) (4)	2. Contract Number: (b) (4)
3. Contractor Address: (b) (4)	4. Contract Type: (b) (4)
5. Agency Name: (b) (4)	6. Agency POC/Phone/Fax: (b) (4)
7. Period of Performance: (b) (4)	8. Dollar Amount of Award Total Dollar Value with Mod: (b) (4)
9. Title of Contract: (b) (4)	
10. Description of Contract Services: (b) (4)	
11. Complexity of Work: (b) (4)	

NOTE: Please use adjectival ratings from attached sheet.

12. Evaluation Factor	13. Comments (Attach additional sheets, if necessary.)	14. Rating
a. Quality of Work	(b) (4)	(4)
b. Personnel		
c. Subcontractor Mgmt		
d. Business Relations		
e. Timeliness of Performance		
f. Customer Satisfaction		
g. Cost/Budget Control		

15. Would you select this firm again? Please explain. (Attach additional sheet if necessary.)	
(b) (4)	
16. Name & Date: (b) (4)	17. Title: Quality Assurance Specialist
(b) (4)	(b) (4)

Item 9 (continued) (b) (4)

(b) (4)

Item 13a, Quality of Work (continued) (b) (4)

(b) (4)

Item 13c, Subcontractor Management (continued) (b) (4)

(b) (4)

Item 13d, Business Relations (continued) (b) (4)

(b) (4)

Item 13e, Timeliness of Performance (continued) (b) (4)

(b) (4)

Item 13g, Cost/Budget Control (continued) (b) (4)

(b) (4)

(b) (4)

Item 15 (continued). (b) (4)

(b) (4)

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PAST PERFORMANCE RATING GUIDELINES

Summarize Contractor Performance in each of the rating areas. Assign each area a rating of Unsatisfactory, Poor, Fair, Good, Excellent. Use the following instructions as guidance in making these evaluations. Note: There is no corresponding guidance for “Customer Satisfaction”. Please use the comments area on the preceding form to justify the rating given “Customer Satisfaction.”

Ratings	Quality of Work/ Personnel/Service	Cost Control	Timeliness of Performance	Business Relations/Sub Contractor Mgmt
	<ul style="list-style-type: none"> -Compliance w/contract requirements -Accuracy of reports -Appropriateness of personnel -Technical excellence 	<ul style="list-style-type: none"> -Within budget -Current, accurate, complete billings -Relationship of negotiated costs to actual -Cost efficiencies -Change orders issued 	<ul style="list-style-type: none"> -Met interim milestones -Reliable -Responsive to technical direction -Completed on time 	<ul style="list-style-type: none"> -Effective Mgmt -Businesslike correspondence -Responsive to contract reqmnts -Prompt notification of problems -Reasonable/cooperative -Flexible -Pro-active -Effective SB/SDB Subcontract Program
Unsatisfactory	Nonconformances are comprising the achievement of contract reqmnts	Cost issues are comprising performance	Delays are compromising achievement of contract reqmnts	Response is not effective
Poor	Nonconformances require major agency resources to ensure achievement of contract reqmnts	Cost issues require major agency resources to ensure achievement of contract reqmnts	Delays require major agency resources to ensure achievement of contract reqmnts	Response is marginally effective
Fair	Nonconformances require minor agency resources to ensure achievement of contract reqmnts	Cost issues require minor agency resources to ensure achievement of contract reqmnts	Delays require minor agency resources to ensure achievement of contract reqmnts	Response is somewhat effective
Good	Nonconformances do not impact achievement of contract reqmnts	Cost issues do not impact achievement of contract reqmnts	Delays do not impact achievement of contract reqmnts	Response is usually effective
Excellent	There are no quality problems	There are no cost issues	There are no delays	Response is effective

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PAST PERFORMANCE QUESTIONNAIRE

1. Contractor Name (b) (4)	2. Contract Number (b) (4) DTFAWA-08-C-000
3. Contractor Address: (b) (4)	4. Contract Type: (b) (4)
5. Agency Name (b) (4)	6. Agency POC/Phone/Fax: (b) (4)
7. Period of Performance (b) (4)	8. Dollar Amount of Award (b) (4) Total Dollar Value with Mod
9. Title of Contract: (b) (4)	(b) (4)
10. Description of Contract Services (b) (4)	(b) (4)
11. Complexity of Work (b) (4)	

NOTE: Please use adjectival ratings from attached sheet.

12. Evaluation Factor	13. Comments (Attach additional sheets, if necessary.)	14. Rating
a. Quality of Work	(b) (4)	(4)
b. Personnel		
c. Subcontractor Mgmt		
d. Business Relations		
e. Timeliness of Performance		
f. Customer Satisfaction		
g. Cost/Budget Control		

15. Work Unit (b) (4)	16. Name & Date: (b) (4)	17. Title: (b) (4)
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ATTACHMENT 5

PAST PERFORMANCE QUESTIONNAIRE - See Page 1

Contractor/Name and Address (City and State):

Contract Number:

Contract Title:

Agency/Entity:

Type of Contract:

Dollar Value:

Contracting Officer Name (federal or other governmental body)/Individual responsible for evaluating the offeror's performance under the contract:

Telephone Number(s):

Title(s):

Mailing Address:

Period of Performance: From _____ To _____. [Insert dates consistent with the period for which past performance information is required to be submitted in accordance with the solicitation.]

Brief Description of Work:

Location of Work: _____

Name, Title, Telephone Number, Organizational Affiliation, Date and Signature of EPA employee filling out this form:

Party Responding to this Query (fill in requested information below)

Name (Party Responding to this Query), Title, Organizational Affiliation, Telephone Number, Mailing Address, and any affiliation with the entity which is the subject of this query and if there is/was an affiliation define what it is/was (fill in requested information below):

I. QUALITY OF PRODUCTS OR SERVICES DELIVERED:

a. Evaluate the contractor's performance in complying with contract requirements, quality achieved, and overall technical expertise demonstrated. (For example: on-time contractor arrival to site, establishment of call center, effective subcontracting, meeting permit requirements, accomplishment of transportation and disposal of wastes)

(b) (4)

Remarks:

b. To what extent were the contractor's reports and documentation accurate, complete and submitted in a timely manner? (For example: accurate, complete, and on-time project work plans and daily cost accounting reports, site safety and quality assurance plans)

(b) (4)

Remarks:

c. How would you rate the contractor key personnel's technical expertise and management ability?

(b) (4)

(b) (4)

Remarks:

d. How would you rate the contractor key personnel's response to technical direction by the Government?

(b) (4)

Remarks:

2. EFFECTIVENESS OF MANAGEMENT:

To what extent was the contractor able to solve contract performance problems, including subcontractor performance problems?

(b) (4)

Remarks:

3. INITIATIVE IN MEETING CONTRACT REQUIREMENTS:

To what extent did the contractor display initiative in meeting requirements?

(b) (4)

Remarks:

4. TIMELINESS OF PERFORMANCE:

To what extent did the contractor meet project schedules?

(b) (4)

Remarks:

5. COST CONTROL:

a. To what extent did the contractor display initiative in controlling overall costs? [Insert this question if it is relevant.]

(b) (4)

(b) (4)

Remarks:

b. To what extent was the contractor able to track costs and provide accurate, complete and timely tracking reports? (For example: accurate, on-time daily cost accounting reports.) (Insert the response if it is relevant.)

(b) (4)

c. To what extent were the contractor's billings current, accurate and complete?

(b) (4)

Remarks:

6. BUSINESS PRACTICES:

To what extent did the contractor coordinate and cooperate with the Government?

(b) (4)

Remarks:

7. SMALL DISADVANTAGED BUSINESS PARTICIPATION:

What has been the contractor's compliance with subcontracting plan goals for small disadvantaged business (SDB) concerns, monetary targets for SDB participation, and the notification requirements (FAR 19.1202-4(b)) for any substitutions of firms that are not SDB concerns?

(b) (4)

8. CUSTOMER SATISFACTION:

a. To what extent were you satisfied with the overall performance of the contractor?

(b) (4)

Remarks:

b. Would you do business with the contractor again? If not, why not?

(b) (4)

Past Performance Questionnaire

The organization named below is asking you to be a past performance reference by completing this questionnaire. The Government refers to this organization as the Offeror. You are the client.

1. Name of Offeror: _____

(b) (4)

This questionnaire is part of the offeror's response in a Government source selection. By requesting you to complete this questionnaire, the offeror intends to use you as a reference for Government source selection evaluation purposes. The Government considers the information you provide here to be Source Selection Sensitive and confidential. The Government intends to use this data only for this source selection.

The Government asks that your answers to questions be honest and forthright, and that they be based only on your direct personal knowledge of the offeror. The Government will not share your responses outside of this source selection. To ensure fairness and impartiality, you are to e-mail your completed and signed questionnaire directly to the Government to chris.pettigrew@us.army.mil. The offeror is required to provide you prepaid and pre-addressed envelope(s). Be aware that the offeror is not to participate in your questionnaire responses in any way whatsoever.

This questionnaire has three parts. The offeror has to complete Part I. In Part I, the offeror tells you the particular contract or project they want to use as their reference. Part II is your responsibility. In Part II, the questionnaire asks you to provide performance information about the reference contract or project. Part III contains definitions to help you in your assessments. You'll have to refer to these definitions to accurately complete the questionnaire.

If for any reason you are unable to complete this questionnaire, please complete item 10 in Part II and forward this questionnaire to the Government using the provided envelope.

Part I: Reference Background Information

Part I of this questionnaire is to be completed by the offeror.

Client and Reference Project/Contract Information (Completed by Offeror)

- | | | | |
|----------------------|---------|------------------------|---------|
| 2. Name of Client: | (b) (4) | Contract Number: | (b) (4) |
| 3. Contract Title: | (b) (4) | Contract Value: | (b) (4) |
| 4. Type of Contract: | (b) (4) | Period of Performance: | (b) (4) |

Part II: Past Performance Questions

You are requested to complete Part II of this questionnaire, which involves filling out the CLIENT ASSESSMENT OF PAST PERFORMANCE table. There are four factors to address: Management, Quality of Service and Improvement, Cost Control, and Responsiveness to Customer. You are to assess each factor and mark an X in the appropriate column in the table.

Please use the ratings scheme defined in Part III of this questionnaire. In addition, please study the performance category definitions, rating definitions, and the rating scheme found in Part III of this questionnaire before assessing client performance.

Client Assessment of Past Performance

Performance Factor	Unsatisfactory	MARGINAL	Good	VERY GOOD	EXCELLENT
Management	<div style="font-size: 48px; color: red; font-weight: bold;">(b) (4)</div>				
Quality of Service and Improvement					
Cost Control					
Responsiveness to Customer					

If your rating for any factor is excellent or unsatisfactory, please provide supporting data as requested below.

5. Remarks on excellent performance:
Provide data supporting this observation; you may continue on a separate sheet if needed.

6. Remarks on unsatisfactory performance:
Provide data supporting this observation; you may continue on a separate sheet if needed.

7. Please identify any corporate affiliation you have with the offeror
None _____
8. Other comments that you wish to make: you may continue on a separate sheet if needed.

9. Would you do business with **(b) (4)** again? **(b) (4)**

The following requests information about you. Please provide this information.

10. This questionnaire was completed by:
 Client Name: **(b) (4)**
 Title: **(b) (4)**
 Mailing Address (Street and P.O. Box): **(b) (4)**
 City, State, and Zip Code: **(b) (4)**
 Telephone Number: **(b) (4)**

Fax Number: (b) (4)

Date Information Provided: (b) (4)

11. Signature: (b) (4) Date: (b) (4)

Part III: Performance Categories, Definitions, and Ratings

The Government requests that you make your assessment of the offeror using only the performance assessment descriptions for each of the four performance categories listed below. Use the appropriate assessment shown in the tables below as your entry in the CLIENT ASSESSMENT OF PAST PERFORMANCE table in Part II of this questionnaire.

To ensure consistency, please formulate your performance assessments based upon the assessment definitions table for each performance factor, which are found in the tables below. Select the appropriate assessment by marking an X in the appropriate column in the CLIENT ASSESSMENT OF PAST PERFORMANCE table.

Management Factor

The Management Factor is used to measure the offeror's success in the following areas:

- Ability to hire and retain appropriate staff
- Ability to implement and adhere to concise and well-defined internal operational rules
- Ability to deal with issues (personnel and technical) in a timely manner while minimizing impact on ongoing operations
- Ability to manage to the contract requirements
- Ability to manage risk

Assessment	Assessment Description
Unsatisfactory	Ability to manage issues is jeopardizing performance of contract requirements, despite use of client resources. Management is unable to address the issues. If performance cannot be substantially corrected, this level of ability to manage issues constitutes a significant impediment in consideration for future awards.
Marginal	Weak management requires client resources to ensure achievement of goals: offeror not able to achieve some contract requirements or goals.
Good	There are no management issues and the offeror has met the contract requirements.
Very Good	There are no management issues and the offeror has exceeded the contract requirements through the use of proactive or corrective

Assessment	Assessment Description
	actions.
Excellent	The offeror has demonstrated an excellent management performance level. It is expected that this rating will be used in those rare circumstances where the offeror demonstrated performance that clearly exceeds the performance levels described as "Very Good."

Quality of Service and Improvement Factor

The Quality of Service and Improvement Factor is used to measure the offeror's success in the following areas:

- Ability to provide/maintain high (in line with SLA) quality of day-to-day service
- Ability to prepare the operations for changes associated with growth (additional staff) and/or industry trends (new software releases, security, etc.)
- Ability to analyze existing systems and policies and improve them
- Ability to manage risk by following strict change management principles
- Ability to limit negative impact of changes on the enterprise and its users

Assessment	Assessment Description
Unsatisfactory	Non-conformances are jeopardizing the achievement of contract requirements, despite use of client resources. Recovery is not likely. If performance cannot be substantially corrected, it constitutes a significant impediment in consideration for future awards containing similar requirements.
Marginal	Overall compliance requires minor client resources to ensure achievement of contract requirements.
Good	There are no, or very minimal, quality problems, and the offeror has met the contract requirements. Testing and documentation of network management processes is evident. Analysis has resulted in some recommended process improvements
Very Good	There are no quality issues, and the offeror has substantially exceeded the contract performance requirements without commensurate additional costs to the client. Day-to-day system management provides a stable environment. Change management processes minimize disruptions, and testing and documentation are thorough. Analysis is pro-active, and recommendations are regular, timely, and have proved useful to the client.
Excellent	The offeror has demonstrated an excellent performance level that was significantly in excess of anticipated achievements and is commendable as an example for others. It is expected that this rating will be used in those rare circumstances where offeror performance

Assessment	Assessment Description
	clearly exceeds the performance levels described as "Very Good". Day-to-day system management provides a stable environment. Change management processes demonstrably minimize disruptions and cost to the client, and testing and documentation are exemplary. Analysis is performed continuously, is pro-active, and constantly monitors state-of-the-art practices. Recommendations result in maintaining client network capability to achieve state-of-the-art performance and reliability.

Cost Control Factor

The Cost Control Factor is used to measure the offeror's success in his ability to control costs by using effective procedures and innovative approach. This factor also measures the level of effort required from the client in assisting the offeror.

Assessment	Assessment Description
Unsatisfactory	Ability to manage cost issues is jeopardizing performance of contract requirements, despite use of client resources. Recovery is not likely. If performance cannot be substantially corrected, this level of ability to manage cost issues constitutes a significant impediment in consideration for future awards.
Marginal	Ability to control cost issues requires minor client resources to ensure achievement of goals. There are no, or very minimal, cost management issues and the offeror has met the contract requirements.
Good	There are no cost management issues and the offeror has met the contract requirements.
Very Good	There are no cost management issues and the offeror has exceeded the contract requirements, achieving cost savings to the client.
Excellent	The offeror has demonstrated an excellent performance level. It is expected that this rating will be used in those rare circumstances where the offeror achieved cost savings and where performance clearly exceeds the performance levels described as "Very Good."

Responsiveness to Customer Factor

The Responsiveness to Customer Factor is used to measure the offeror's success in the ability to respond to requests for data (scheduled and ad hoc), analysis, and additional tasks in a timely and appropriate manner.

Assessment	Assessment Description
Unsatisfactory	Response to inquiries (concerning issues or otherwise) is not effective. If not substantially mitigated or corrected it constitutes a significant impediment in considerations for future awards.

Assessment	Assessment Description
Marginal	Response to inquiries (concerning issues or otherwise) is somewhat effective.
Good	Response to inquiries (concerning issues or otherwise) is consistently effective.
Very Good	Response to inquiries (concerning issues or otherwise) exceeds client expectation.
Excellent	The offeror has demonstrated an excellent performance level. It is expected that this rating will be used in those rare circumstances where offeror performance clearly exceeds the performance levels described as "Very Good".

Past Performance Questionnaire

The organization named below is asking you to be a past performance reference by completing this questionnaire. The Government refers to this organization as the Offeror. You are the client.

1. Name of Offeror: _____

(b) (4)

This questionnaire is part of the offeror's response in a Government source selection. By requesting you to complete this questionnaire, the offeror intends to use you as a reference for Government source selection evaluation purposes. The Government considers the information you provide here to be Source Selection Sensitive and confidential. The Government intends to use this data only for this source selection.

The Government asks that your answers to questions be honest and forthright, and that they be based only on your direct personal knowledge of the offeror. The Government will not share your responses outside of this source selection. To ensure fairness and impartiality, you are to e-mail your completed and signed questionnaire directly to the Government to chris.pettigrew@us.army.mil. The offeror is required to provide you prepaid and pre-addressed envelope(s). Be aware that the offeror is not to participate in your questionnaire responses in any way whatsoever.

This questionnaire has three parts. The offeror has to complete Part I. In Part I, the offeror tells you the particular contract or project they want to use as their reference. Part II is your responsibility. In Part II, the questionnaire asks you to provide performance information about the reference contract or project. Part III contains definitions to help you in your assessments. You'll have to refer to these definitions to accurately complete the questionnaire.

If for any reason you are unable to complete this questionnaire, please complete item 10 in Part II and forward this questionnaire to the Government using the provided envelope.

Part I: Reference Background Information

Part I of this questionnaire is to be completed by the offeror.

Client and Reference Project/Contract Information (Completed by Offeror)

- | | | | |
|---------------------|---------|-----------------------|---------|
| 2. Name of Client | (b) (4) | Contract Number | (b) (4) |
| 3. Contract Title | (b) (4) | Contract Value | (b) (4) |
| 4. Type of Contract | (b) (4) | Period of Performance | (b) (4) |

Part II: Past Performance Questions

You are requested to complete Part II of this questionnaire, which involves filling out the CLIENT ASSESSMENT OF PAST PERFORMANCE table. There are four factors to address: Management, Quality of Service and Improvement, Cost Control, and Responsiveness to Customer. You are to assess each factor and mark an X in the appropriate column in the table.

Please use the ratings scheme defined in Part III of this questionnaire. In addition, please study the performance category definitions, rating definitions, and the rating scheme found in Part III of this questionnaire before assessing client performance.

Please refer to Attachment 5, Government Past Performance Summary

(b) (4)

Client Assessment of Past Performance

Performance Factor	Unsatisfactory	MARGINAL	Good	VERY GOOD	EXCELLENT
Management	(b)		(4)		
Quality of Service and Improvement					
Cost Control					
Responsiveness to Customer					

If your rating for any factor is excellent or unsatisfactory, please provide supporting data as requested below.

5. Remarks on excellent performance:
Provide data supporting this observation; you may continue on a separate sheet if needed.

MANAGEMENT: **(b)** **(4)**
(b) **(4)**

QUALITY OF SERVICE/IMPROVEMENT: **(b)** **(4)**
(b) **(4)**

6. Remarks on unsatisfactory performance:
Provide data supporting this observation; you may continue on a separate sheet if needed.

(b) (4)

7. Please identify any corporate affiliation you have with the offeror

(b) (4)

8. Other comments that you wish to make; you may continue on a separate sheet if needed.

(b) (4)

9. Would you do business with Control Systems Research (CSR) Inc. again? (b) (4)

The following requests information about you. Please provide this information.

10. This questionnaire was completed by:

Client Name: (b) (4)

Title: (b) (4)

Mailing Address (Street and P.O. Box): (b) (4)

City, State, and Zip Code: (b) (4)

Telephone Number: (b) (4)

Fax Number: (b) (4)

Date Information Provided: (b) (4)

11. Signature: (b) (4) Date: (b) (4)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES	
				J	1 5	
2. AMENDMENT/MODIFICATION NO. P00001	3. EFFECTIVE DATE 02-Nov-2010	4. REQUISITION/PURCHASE REQ. NO. F9MFX10083A001	5. PROJECT NO. (if applicable)			
6. ISSUED BY NGB-ZC-AQ - W9133L 1411 JEFFERSON DAVIS HWY ARLINGTON VA 22202-3231	CODE W9133L	7. ADMINISTERED BY (if other than item 6)		CODE		
		See Item 6				
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) SKYWATCH RESEARCH, LLC MARGIE HOWARD 212 EGLIN PKWY SE FOR WALTON BEACH FL 32548-5897				9A. AMENDMENT OF SOLICITATION NO.		
				9B. DATED (SEE ITEM 11)		
				X	10A. MOD. OF CONTRACT/ORDER NO. W9133L-11-C-0002	
				X	10B. DATED (SEE ITEM 13) 02-Sep-2010	
CODE 5XWZ5	FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS						
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.						
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule						
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.						
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).						
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Far Clause 52.243-1 Changes Fixed Price.						
D. OTHER (Specify type of modification and authority)						
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.						
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: wilsnr1152 See Continuation page.						
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.						
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
			(b) (6)			
			TEL: 703 607-1226 EMAIL: (b) (6)			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED		
(Signature of person authorized to sign)		BY (b) (6)		09-Nov-2010		
		(Signature of Contracting Officer)				

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA

Record Posted to NGB Reading Room
13 June 14

FAR (48 CFR) 53.243
FOIA Requested Record #J-11-0096
Released by Air National Guard
Page 477 of 565

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

A. Pursuant to Far Clause 52.243-1 Changes Fixed Price the purpose of this modification is to add funding to subject contract. And to incorporate CBA along with revised Wage Determinations into subject contract.

B. Incorporate the following Wage Determinations and Collective Bargaining Agreement as follows. FAR 52.222-43 Fair Labor Standards Act and Service Contract Act- Price Adjustment (Multiple Year and Option Contract)

CBA is hereby incorporated into subject contract Master Collective Bargaining Agreement between Control Systems Research, Inc and Professional Air Traffic Controllers Organization (PATCO) dated 20 April 2010 for Pease ANG, NH;

WD: 2005-2081 Revision 10 Buckley ,CO
WD: 2005-2047 Revision 11 Los Alamitos, CAL
WD: 2005-2271 Revision 10 Alpena, MI
WD: 2005-2273 Revision 11 Selfridge, MI
WD: 2005-2239 Revision 12 Pease, NH
WD: 2005-2439 Revision 11 Kingsley Field, OR.

C. The PR number for this modification is F9WFX10083A001

D. The accounting classification for this modification is 5713840 581 41TB 131305 559ZZ 53112F 667100 F67100

SUPPLIES OR SERVICES AND PRICES

CLIN 0001

The unit price amount has increased by \$1,418.38 from \$35,704.64 to \$37,123.02.

The total cost of this line item has increased by \$17,020.56 from \$428,455.68 to \$445,476.24.

CLIN 0002

The unit price amount has increased by \$90.45 from \$16,683.74 to \$16,774.19.

The total cost of this line item has increased by \$1,085.40 from \$200,204.88 to \$201,290.28.

CLIN 0003

The unit price amount has increased by \$465.50 from \$7,170.69 to \$7,636.19.

The total cost of this line item has increased by \$5,586.00 from \$86,048.28 to \$91,634.28.

CLIN 0004

The unit price amount has increased by \$2,674.14 from \$17,303.07 to \$19,977.21.

The total cost of this line item has increased by \$32,089.68 from \$207,636.84 to \$239,726.52.

CLIN 0005

The unit price amount has increased by \$13,557.89 from \$37,737.84 to \$51,295.73.

The total cost of this line item has increased by \$162,694.68 from \$452,854.08 to \$615,548.76.

CLIN 0006

The unit price amount has increased by \$6,651.87 from \$30,424.42 to \$37,076.29.

The total cost of this line item has increased by \$79,822.44 from \$365,093.04 to \$444,915.48.

CLIN 0007

The unit price amount has increased by \$24.54 from \$59.07 to \$83.61.

The total cost of this line item has increased by \$2,944.80 from \$7,088.40 to \$10,033.20.

CLIN 0008

The unit price amount has increased by \$14.28 from \$59.43 to \$73.71.

The total cost of this line item has increased by \$1,428.00 from \$5,943.00 to \$7,371.00.

CLIN 0009

The unit price amount has increased by \$10.33 from \$59.81 to \$70.14.

The total cost of this line item has increased by \$10,330.00 from \$59,810.00 to \$70,140.00.

CLIN 0011

The unit price amount has increased by \$16.24 from \$68.36 to \$84.60.

The total cost of this line item has increased by \$1,948.80 from \$8,203.20 to \$10,152.00.

ACCOUNTING AND APPROPRIATION

Summary for the Payment Office

As a result of this modification, the total funded amount for this document was increased by \$2,172,009.36 from \$0.00 to \$2,172,009.36.

CLIN 0001:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A0010001) was increased by \$445,476.24 from \$0.00 to \$445,476.24

The contract ACRN AA has been added.

The CIN F9WFX10083A0010001 has been added.

CLIN 0002:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A0010002) was increased by \$201,290.28 from \$0.00 to \$201,290.28

The contract ACRN AA has been added.

The CIN F9WFX10083A0010002 has been added.

CLIN 0003:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A0010003) was increased by \$91,634.28 from \$0.00 to \$91,634.28

The contract ACRN AA has been added.

The CIN F9WFX10083A0010003 has been added.

CLIN 0004:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A0010004) was increased by \$239,726.52 from \$0.00 to \$239,726.52

The contract ACRN AA has been added.

The CIN F9WFX10083A0010004 has been added.

CLIN 0005:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A0010005) was increased by \$615,548.76 from \$0.00 to \$615,548.76

The contract ACRN AA has been added.

The CIN F9WFX10083A0010005 has been added.

CLIN 0006:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A0010006) was increased by \$444,915.48 from \$0.00 to \$444,915.48

The contract ACRN AA has been added.

The CIN F9WFX10083A0010006 has been added.

CLIN 0007:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A001) was increased by \$10,033.20 from \$0.00 to \$10,033.20

The contract ACRN AA has been added.

The CIN F9WFX10083A001 has been added.

CLIN 0008:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A0010008) was increased by \$7,371.00 from \$0.00 to \$7,371.00

The contract ACRN AA has been added.

The CIN F9WFX10083A0010008 has been added.

CLIN 0009:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A0010009) was increased by \$70,140.00 from \$0.00 to \$70,140.00

The contract ACRN AA has been added.

The CIN F9WFX10083A0010009 has been added.

CLIN 0010:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX100830010010) was increased by \$5,721.60 from \$0.00 to \$5,721.60

The contract ACRN AA has been added.
The CIN F9WFX100830010010 has been added.

CLIN 0011:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A0010011) was increased by \$10,152.00 from \$0.00 to \$10,152.00
The contract ACRN AA has been added.
The CIN F9WFX10083A0010011 has been added.

CLIN 0012:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A0010012) was increased by \$30,000.00 from \$0.00 to \$30,000.00
The contract ACRN AA has been added.
The CIN F9WFX10083A0010012 has been added.

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES	
				J	1	2
2. AMENDMENT/MODIFICATION NO. P00002		3. EFFECTIVE DATE 17-Nov-2010	4. REQUISITION/PURCHASE REQ. NO. F9WFX10083A001		5. PROJECT NO. (If applicable)	
6. ISSUED BY NGB-ZC-AQ - W9133L 1411 JEFFERSON DAVIS HWY ARLINGTON VA 22202-3231		CODE W9133L	7. ADMINISTERED BY (If other than item 6)		CODE	
			See Item 6			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) SKYWATCH RESEARCH, LLC MARGIE HOWARD 212 EGLIN PKWY SE FOR WALTON BEACH FL 32548-5697				9A. AMENDMENT OF SOLICITATION NO.		
				9B. DATED (SEE ITEM 11)		
				X 10A. MOD. OF CONTRACT/ORDER NO. W9133L-11-C-0002		
				X 10B. DATED (SEE ITEM 13) 02-Sep-2010		
CODE 5XWZ5		FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS						
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.						
12. ACCOUNTING AND APPROPRIATION DATA (If required)						
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.						
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).						
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						
D. OTHER (Specify type of modification and authority)						
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.						
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: wilsonr11250 Pursuant to FAR Clause 43.103 (B) Typers of Contract Modifications Unilateral, the purpose of this modification is to make the following changes. Change the INSPECT BY DODACC on page 56 of 424 of contract to F9WFX1. Change The ACCEPT BY DODACC on page 56 of 424 of contract to F9WFX1. Change the SHIP TO DODACC on page 56 of 424 to F9WFX1.						
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.						
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
				(b) (6)		
				TEL: 703-607-1279 EMAIL: (b) (6)		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)			BY (b) (6)		17-Nov-2010	
			(Signature of Contracting Officer)			

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
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Record Posted to NGB Reading Room
13 June 14

FAR (48 CFR) 53.243
FOIA Requested Record #J-11-0096
Released by Air National Guard
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SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES
				J	1 3
2. AMENDMENT/MODIFICATION NO. P00003	3. EFFECTIVE DATE 23-Jun-2011	4. REQUISITION/PURCHASE REQ. NO. F9WFX10083A001	5. PROJECT NO. (If applicable)		
6. ISSUED BY NGB-AQ-AF JOINT BASE ANDREWS 3901 FETCHET AVENUE ANDREWS AFB MD 20762-5157	CODE W9133L	7. ADMINISTERED BY (if other than item 6) NGB-ZC-AQ - W9133L 1411 JEFFERSON DAVIS HWY ARLINGTON VA 22202-3231		CODE	W9133L
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) SKYWATCH RESEARCH, LLC MARGIE HOWARD 212 EGLIN PKWY SE FOR WALTON BEACH FL 32548-5897				9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
				X	10A. MOD. OF CONTRACT/ORDER NO. W9133L-11-C-0002
				X	10B. DATED (SEE ITEM 13) 02-Sep-2010
CODE 5XWZ5	FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement Between Parties					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: wilsnr111395 See Continuation Page.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			(b) (6)		
			TEL: 703-607-1279 EMAIL: (b) (6)		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)		BY (b) (6)		23-Jun-2011	
		(Signature of Contracting Officer)			

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
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13 June 14

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SECTION SF 30 BLOCK 14 CONTINUATION PAGE

A. Pursuant to Far Clause 52.243-1 Changes Fixed Price the purpose of this modification is to reconsolidate Clins.

B. The unit price amount of Clin 0001 has decreased by \$1,092.46 from \$37,123.02 to \$36,030.56. The total cost of this line item has decreased by \$13,109.52 from \$445,476.24 to \$432,366.72.

C. The unit price amount of Clin 0002 has increased by \$1,166.03 from \$16,774.19 to \$17,940.22. The total cost of this line item has increased by \$13,992.36 from \$201,290.28 to \$215,282.

D. The unit price amount of Clin 0003 has decreased by \$1,150.29 from \$7,636.19 to \$6,485.90. The total cost of this line item has decreased by \$13,803.48 from \$91,634.28 to \$77,830.80.

E. The unit price amount of Clin 0004 has increased by \$1,076.72 from \$19,977.21 to \$21,053.93. The total cost of this line item has increased by \$12,920.64 from \$239,726.52 to \$252,647.16.

ACCOUNTING AND APPROPRIATION

Summary for the Payment Office

CLIN 0001:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A0010001) was decreased by \$13,109.52 from \$445,476.24 to \$432,366.72

CLIN 0002:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A0010002) was increased by \$13,992.36 from \$201,290.28 to \$215,282.64

CLIN 0003:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F09WFX10083A0010003) was decreased by \$13,803.48 from \$91,634.28 to \$77,830.80

CLIN 0004:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A0010004) was increased by \$12,920.64 from \$239,726.52 to \$252,647.16

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES	
				J	1 3	
2. AMENDMENT/MODIFICATION NO. F00004	3. EFFECTIVE DATE 02-Aug-2011	4. REQUISITION/PURCHASE REQ. NO. F9AF X10083A001	5. PROJECT NO. (If applicable)			
6. ISSUED BY NGB-AQ-AF JOINT BASE ANDREWS 3501 FETCHET AVENUE ANDREWS AFB MD 20762-5157	CODE W9133L	7. ADMINISTERED BY (If other than item 6) NGB-ZC-AQ - W9133L 1411 JEFFERSON DAMS HWY ARLINGTON VA 22202-3231		CODE W9133L		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) SKYWATCH RESEARCH, LLC MARGIE HOWARD 212 EGLIN PKWY SE FOR WALTON BEACH FL 32548-5807				9A. AMENDMENT OF SOLICITATION NO.		
				9B. DATED (SEE ITEM 11)		
				X	10A. MOD. OF CONTRACT/ORDER NO. W9133L-11-C-0002	
				X	10B. DATED (SEE ITEM 13) 02-Sep-2010	
CODE 5XWZ5	FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS						
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.						
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule						
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT ORDERS IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.						
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.						
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).						
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement between parties						
D. OTHER (Specify type of modification and authority)						
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.						
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: wilsonr111648 Pursuant to the authority of FAR 52.243-1 Changes Fixed Price the purpose of this modification is to realign contingency support hours See continuation page.						
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.						
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
			(b) (6)			
			TEL: 703-607-1279 EMAIL: (b) (6)			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED		
(Signature of person authorized to sign)		BY (b) (6)		05-Aug-2011		
		(Signature of Contracting Officer)				

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
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Record Posted to NGB Reading Room
13 June 14

FAR (48 CFR) 53.243
FOIA Requested Record #J-11-0096
Released by Air National Guard
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SECTION SF 30 BLOCK 14 CONTINUATION PAGE

The total cost of this contract was decreased by \$0.21 from \$2,172,009.36 to \$2,172,009.15.

SUPPLIES OR SERVICES AND PRICES

CLIN 0008

The pricing detail quantity has increased by 30.00 from 100.00 to 130.00.
The total cost of this line item has increased by \$2,211.30 from \$7,371.00 to \$9,582.30.

CLIN 0009

The pricing detail quantity has decreased by 31.53 from 1,000.00 to 968.47.
The total cost of this line item has decreased by \$2,211.51 from \$70,140.00 to \$67,928.49.

ACCOUNTING AND APPROPRIATION

Summary for the Payment Office

As a result of this modification, the total funded amount for this document was decreased by \$0.21 from \$2,172,009.36 to \$2,172,009.15.

CLIN 0008:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A0010008) was increased by \$2,211.30 from \$7,371.00 to \$9,582.30

CLIN 0009:

AA: 5713840 581 41TB 131305 010000 559ZZ 53112F 667100 F67100 (CIN F9WFX10083A0010009) was decreased by \$2,211.51 from \$70,140.00 to \$67,928.49

DELIVERIES AND PERFORMANCE

The following Delivery Schedule item for CLIN 0008 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2010 TO 30-SEP-2011	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
---------------	----------	-----------------	-----

POP 01-OCT-2010 TO 30-SEP-2011	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1
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The following Delivery Schedule item for CLIN 0009 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2010 TO 30-SEP-2011	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2010 TO 30-SEP-2011	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES
				J	1 34
2. AMENDMENT/MODIFICATION NO. P00005	3. EFFECTIVE DATE 01-Sep-2011	4. REQUISITION/PURCHASE REQ. NO. F9WFX10083A001		5. PROJECT NO. (If applicable)	
6. ISSUED BY NGB-AQ-AF JOINT BASE ANDREWS 3501 FETCHET AVENUE ANDREWS AFB MD 20762-5157	CODE W9133L	7. ADMINISTERED BY (If other than item 6) NGB-2C-AQ - W9133L 1411 JEFFERSON DAMS HWY ARLINGTON VA 22202-3231		CODE W9133L	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) SKYWATCH RESEARCH, LLC MARGIE HOWARD 212 EGLIN PKWY SE FOR WALTON BEACH FL 32548-5897				9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
				X	10A. MOD. OF CONTRACT/ORDER NO. W9133L-11-C-0002
				X	10B. DATED (SEE ITEM 13) 02-Sep-2010
CODE 5XWZ5	FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement between Parties.					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: wilsnr111997 See continuation Page					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
				(b) (6)	
				TEL: 703-607-1279 EMAIL: (b) (6)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)		BY (b) (6)		22-Sep-2011	
		(Signature of Contracting Officer)			

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
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13 June 14

FAR (48 CFR) 53.243
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SECTION SF 30 BLOCK 14 CONTINUATION PAGE

A. Pursuant to FAR Clause 52.217-9 Option to extend the Terms of the Contract, the purpose of this modification is to exercise Option Year 1 of the contract. And to add revised SOW.

B. The Government hereby exercises its unilateral rights to extend the terms of the contract for the period of 01 October 2011 through 30 September 2012.

C. FAR Clause 52.232-18 Availability of Funds, "Funds are not presently available for this contract. The Government's obligation under this contract is contingent upon the available of appropriated funds from which payment for contract purposes can be made, no legal liability on the part of the Government for any payment arise until funds are made available to the Contracting Officer for this contract and until the contractor receives notice of such availability, to be confirmed in writing by the Contracting Officer.

D. Incorporate the following Wage Determinations

WD-2005-2439 Revision 12 Kingsley Field

WD-2005-2339 Revision 13 Pease

WD-2005-2081 Revision 11 Buckley

WD-2005-2273 Revision 12 Selfridge

WD-2005-2271 Revision 11 Alpena

DOL Classification 21 JUL 2011

California

General Forecaster \$38.02 Orange County

Senior Forecaster \$42.24 Orange County

Colorado

General Forecaster \$37.38 Arapahoe County

Senior Forecaster \$43.69 Arapahoe County

Michigan

General Forecaster \$32.17 Macomb County

Senior Forecaster \$38.91 Macomb County

E. The H5/Patco Agreement 10-1-11 Collective Bargain Agreement is hereby incorporated into contract.

OPTION SCHEDULE 1

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1001		12	Months	\$37,132.44	\$445,589.28
OPTION	WEATHER OBSERVING				
	FFP				
	Non-Personal Services to provide Weather Observing for Pease ANG NH, in accordance with the Performance Statement of Work dated 01 OCT 2010.				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: F9WFX10083A001				
	SIGNAL CODE: A				

NET AMT \$445,589.28

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1002		12	Months	\$18,496.87	\$221,962.44
OPTION	WEATHER OBSERVING FFP Non-Personal Services to provide Weather Observing for Kingsley Field OR in accordance with the Performance Statement of Work dated 01 OCT 2010. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				
				NET AMT	\$221,962.44

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1003		12	Months	\$6,689.73	\$80,276.76
OPTION	WEATHER OBSERVING FFP Non-Personal Services to provide Weather Observing for Alpena CRTIC MI, in accordance with the Performance Statement of Work dated 01 OCT 2010. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				
				NET AMT	\$80,276.76

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1004		12	Months	\$21,741.94	\$260,903.28
OPTION	WEATHER OBSERVING/FORECASTING FFP Non-Personal Services to provide Weather Observing/Forecasting for Los Alamitos AAF CA, in accordance with the Performance Statement of Work dated 01 OCT 2010. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				

NET AMT \$260,903.28

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1005		12	Months	\$53,081.75	\$636,981.00
OPTION	WEATHER OBSERVING/FORECASTING FFP Non-Personal Services to provide Weather Observing/Forecasting for Buckley AFB, Co, in accordance with the Performance Statement of Work dated 01 OCT 2010. FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				

NET AMT \$636,981.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1006		12	Months	\$38,339.37	\$460,072.44
OPTION	WEATHER OBSERVING/FORECASTING				
	FFP				
	Non-Personal Services to provide Weather Observing/Forecasting for Selfridge ANG, MI, in accordance with the Performance Statement of Work dated 01 OCT 2010.				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: F9WFX10083A001				
	SIGNAL CODE: A				

NET AMT	\$460,072.44
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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1007		120	Hours	\$86.96	\$10,435.20
OPTION	CONTINGENCY SUPPORT HOURS				
	FFP				
	Contractor shall provide Contingency Support Hours for Buckley CO, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: F9WFX10083A001				
	SIGNAL CODE: A				

NET AMT	\$10,435.20
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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1008		120	Hours	\$76.67	\$9,200.40
OPTION	CONTINGENCY SUPPORT HOURS				
	FFP				
	Contractor shall provide Contingency Support Hours for Selfridge ANG MI, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: F9WFX10083A001				
	SIGNAL CODE: A				

NET AMT \$9,200.40

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1009		1,000	Hours	\$72.96	\$72,960.00
OPTION	CONTINGENCY SUPPORT HOURS				
	FFP				
	Contractor shall provide Contingency Support Hours for Alpena CRTC,MI, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: F9WFX10083A001				
	SIGNAL CODE: A				

NET AMT \$72,960.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1010		100	Hours	\$49.58	\$4958.00
OPTION	CONTINGENCY SUPPORT HOURS				
	FFP				
	Contractor shall provide Contingency Support Hours for Kingsley Field, OR, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: F9WFX10083A001				
	SIGNAL CODE: A				
					\$4958.00
NET AMT					

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1011		100	Hours	\$87.99	\$8,799.00
OPTION	CONTINGENCY SUPPORT HOURS				
	FFP				
	Contractor shall provide Contingency Support Hours for Los Alamitos, AAF, CA, in accordance with the Performance Work Statement dated 01 Oct 2010. Contractor shall perform the forecasting tasks set forth in Section C-5 outside the normal hours of operations.				
	FOB: Destination				
	PURCHASE REQUEST NUMBER: F9WFX10083A001				
	SIGNAL CODE: A				
					\$8,799.00
NET AMT					

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1012	TRAINING SUPPORT	1	Lot	\$6,000.00	\$6,000.00
OPTION	FFP TRAINING SUPPORT FOR ANG SITES FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				

NET AMT \$6,000.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1013	CONTRACT DATA REQUIREMENT	1	Lot	\$0.00	\$0.00
OPTION	FFP Contractor shall provide Contract Data Requirements List (CDRLS in accordance with the Performance Work Statement dated 1 Oct 2010 for CLINS 001-006 FOB: Destination PURCHASE REQUEST NUMBER: F9WFX10083A001 SIGNAL CODE: A				

NET AMT \$0.00

PERFORMANCE WORK STATEMENT

TAB A

ALPENA CRTC MICHIGAN

Contract No: W9133L-10-R-0022

01 October, 2010

ALPENA SECTION C

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	Surface Weather Observations	C5-1
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SECTION C-1

GENERAL INFORMATION

1.1.1. The Alpena Base Weather Station (BWS) provides surface weather observing and staff weather support at the Alpena Combat Readiness Training Center (CRTC). Staff weather support does not include weather forecast services. Specific services are set forth in Section C-5.

1.2. Weather Observer Qualification Requirements:

1.2.1. Have at least 1-year experience with a Federal agency in the taking, recording, and dissemination of surface weather observations as their primary full-time job or are currently certified and working as a weather observer for a Federal agency as their primary full-time job. Full-time shall be construed as at least 30-hours per week.

1.3. HOURS OF OPERATION.

1.3.1. Normal Hours of Operation. The Contractor shall perform the services required under this contract during the following hours: 8 hours per day (0800-1600 Local Time), 5 days per week (Monday through Friday), exclusive of Federal Holidays

1.3.2. Contingency Support for Emergency or Special Event Services: On occasion, the Contractor will be required to perform weather services set forth in Section C-5 outside those normal hours of operation established in paragraph 1.3.1. The additional hours are to coincide with Air Traffic Control (ATC), airfield operating hours, and situations/events as described below. This may entail an increase in the normal hours of operation (i.e., 0600L-2000L versus 0800L-1600L) up to and including 24 hours per day. The Contractor shall provide these services when required by the Contracting Officer or his authorized representative, at the contract line item price for these contingency services. The Contracting Officer or his authorized representative will provide notification of 24 hour per day support to the Contractor no later than 1630L the day prior to such requirement. In the case of extended services of less than 24 hours per day, attempts from the Contracting Officer will be made to notify the Contractor of such requirement prior to 1630L the day prior. However, such services may be required with little or no notice. Situations and events requiring contingency support include, but are not limited to, exercises, surge requirements, disasters, accident and/or rescue operations, deployments, nighttime flying, and severe weather. Procedures for requesting Contracting Officer authorization to provide emergency or special event services are detailed in Section C-5.

1.3.2.1. The Contractor shall invoice for contingency services on a monthly basis commensurate with his normal monthly invoice for the basic weather services. Prior to submission of such invoice, the Contractor shall obtain certification of contingency support man-hours worked from the Contracting Officer or his authorized representative who authorized such services.

SECTION C-3

GOVERNMENT-FURNISHED PROPERTY AND SERVICES

3.2.1. **Telephone Service.** Government telephone service of Class "A" and DSN access shall be provided for Contractor use for conduct of official business.

3.2.2. **Installation Mail Service.** The official on-base mailing address for the Contractor is:

CRTC WEATHER
5884 A STREET
ALPENA MI 49707-8125

3.2.3. **Security Police and Fire Protection.** Security police and fire protection is available by calling 911.

3.2.4. **Emergency Medical Service.** Emergency medical care is available by calling 911.

SECTION C-4**CONTRACTOR-FURNISHED ITEMS AND SERVICES**

4.1. Contract Transition Materials Inventory. Upon termination of the contract, the Contractor shall provide a 30-day stock level of materials and supplies needed to operate Government-furnished equipment. Although not all inclusive, the following items are normally used in weather station operations:

<u>MATERIAL</u>	<u>MONTHLY EQUIPMENT/ITEM USED WITH</u>	<u>USAGE</u>
Computer Paper	ASOS Printer	1/4 box
Printer Ribbons	ASOS Printer	1 each

SECTION C-5

SPECIFIC TASKS

5. GENERAL. The Alpena Base Weather Station (BWS) provides weather support services of surface observing and staff weather support to units located on base. Such service includes but is not limited to solar data, climatological information and as identified in paragraph 1.3.2. of Section C-1. Staff weather support does not include flight weather briefings or forecast services. The weather observing facility is located in the Base Operations building.

5.1. Meteorological Services. Through a continuous weather watch, the Contractor shall provide accurate surface weather observations by augmentation and backup to the Automated Surface Observing System (ASOS) during weather station operational hours. The Contractor shall ensure the ASOS observation is accurate and representative of existing conditions by editing the appropriate weather elements prior to dissemination. The Contractor will be familiar with ASOS operations such as editing individual weather elements, generating specials via hot keys, answering the ASOS phone, being able to turn report processing sensors on and off, and being able to archive observations. In the event of sensor failure or a sensor is determined to be unrepresentative, the Contractor shall perform manual backup of the effected ASOS sensor. Manual observations shall be performed in the event of a complete ASOS system failure. The back-up of sensors and/or Manual observations will also be performed during periods of maintenance, as warranted.

5.1.1. Surface Weather Observations. All surface weather observations required during each hour shall be taken, recorded, encoded, and disseminated error-free using the codes and procedures prescribed in FAA Order 7900.5B Service Standards, Level C. Any corrections shall be disseminated within 20-minutes of the original transmission time. If the next observation is transmitted within the 20-minute period and it corrects the incorrect element, the original observation will be considered error-free.

5.1.1.1. Local Dissemination. Accurate and timely surface weather observations shall be disseminated locally via ASOS link to the IDS5 to the Air Traffic Control Tower and Radar Approach Control (RAPCON) as required by the local Letter of Agreement. In the event of an ASOS/IDS5 outage, the weather information shall be disseminated by hotline or telephone to these agencies and documented on a Local/Long-line Dissemination Log. (TE 4, CDRL 05)

5.1.1.2. Long-line Dissemination. Accurate and timely surface weather observations shall be disseminated long-line via the ASOS using the content and format required by FAA Order 7900.5B. During ASOS communication outages the Contractor shall relay the observation to the FAA Automated Flight Service Station (AFSS) for long-line transmission and document same on the Local/Long-line Dissemination Log. (TE 4, CDRL 04)

5.1.1.3. Surface Weather Observing Records. The Contractor shall record accurate and legible surface weather observations on NWS Form MF1M-10C as prescribed in FAA Order 7900.5B. The data recorded on MF1M-10C serves as the source to determine local and long-line

dissemination accuracy. A duplicate copy of each MFIM-10C used to record surface weather observations shall be maintained in the weather station for the period specified in AFMAN 37-139. (TE 4, CDRL 02)

5.1.2. ASOS Outage Reports. The Contractor shall monitor ASOS meteorological and communications equipment operational status and report all outages to the AOMC (1-800-242-8194). All ASOS meteorological and communications equipment outages will be documented on an ASOS Outage Log. (TE 4, CDRL 03)

5.1.3. Computer Messages. The Contractor shall monitor and respond to any messages received over the ASOS.

5.1.4. DOD Flight Information Publications (FLIP). The Contractor shall review each applicable FLIP and FAA Order to determine changes in local and special observing criteria.

5.1.5. Emergency or Special Event Support. The Contractor shall perform those tasks listed within this section appropriate to the support requested and as described in paragraph 1.3.2. of Section C-1. For example, increased operational flying requirements or Alert Force activation might entail 24-hour surface weather observation support. The Contractor shall request, in writing, clarification from the Contracting Officer whenever he/she has a question as to the specific tasks to be performed in support of emergencies or special events. Emergency or special event support requests will be processed as in 5.1.5.1.

5.1.5.1. Processing of Emergency or Special Event Support Requests. Requests for weather support outside the normal hours of operation specified in paragraph 1.3.2., Section C-1, will originate from a customer. Whenever possible, such requests should be submitted to, and approved, by the Contracting Officer in advance. If advance approval is not practical, the Contractor is still required to respond within 1 hour of notification and provide the appropriate support services. Requests can be classified as Routine, Very Short Notice, or No Notice. Reproducible copies of the "Request for Contingency Support" and "Certification of Contingency Hours Worked" forms will be provided to the Contractor and the Pre-performance Conference.

5.1.5.1.1. Routine Requests. Those requests submitted to the BWS more than 2 workdays prior to the start of the support. The customer must complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. The BWS supervisor will review the request, complete the 1st endorsement and forward it to the QAE at least 2 workdays prior to the start date of the support. The QAE will evaluate the request, complete the 2nd endorsement, and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given no later than 1630L the day prior to the requirement. If approved, the next regular workday following the provision of the support, the BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.5.1.2. Very Short Notice Requests. Situations may arise which allow only minimal time for coordination of a request. These requests will usually be 2 work days or less prior to the start of the support. As circumstances permit, the customer should complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. In those cases where circumstances do not allow for the customer to complete paragraph 1, the BWS supervisor will complete it (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and forward it to the QAE. The QAE will evaluate the request, complete the 2nd endorsement, and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given as soon as practical. If approved, the next regular workday following the provision of the support, the BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.5.1.3. No Notice Requests. A situation may arise, such as the threat of severe weather, which requires immediate support, but coordination with the Contracting Officer is not practical. The BWS supervisor will use their best judgment in providing any necessary support services. No later than the next regular work day following the support, the BWS supervisor will complete paragraph 1 (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and "Certification of Contingency Hours Worked" and forward it to the QAE. The QAE will complete the 2nd endorsement and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form.

5.1.5.1.4. Cancellations. In the event the requested support is canceled, the BWS supervisor shall complete "Certification of Contingency Hours Worked" certifying no hours were worked and an explanation why the support was canceled. This form shall be provided to the QAE no later than the next working day following the canceled support.

5.1.5.2. Billing. The Contractor shall invoice for approved emergency or special event support services on a monthly basis when the normal monthly invoice for basic weather services is submitted.

5.1.6. Operational Reporting. Aircraft mishaps and severe weather occurrences require additional notification beyond local and long-line dissemination. During normal duty hours the Contractor shall notify Base Operations and the QAE when either of these events occur. The Contractor shall provide the observation at the time of the event, the forecast (if known) to include any weather warnings and/or weather advisories, and the status of the meteorological equipment.

5.1.6.1. Aircraft Mishap Notification. Upon observation or notification of an aircraft mishap the Contractor shall take, record, and disseminate an aircraft mishap observation according to FAA Order 7900.5B requirements. The Contractor shall perform a 2-hour archive of the 5-minute observations on ASOS in accordance with established procedures.

5.1.6.2. Severe Weather. Upon occurrence of a tornado, winds 50 knots or greater (including gusts), or hail 3/4 inch or greater on the installation, the Contractor shall notify the NWS in Gaylord, MI. The contractor shall prepare the Severe Weather Occurrence Worksheet and forward it to Base Operations. If the severe weather event occurs during contractor non-duty hours, the Contractor shall provide the information to Base Operations during the first normal duty hour the next duty day.

5.1.6.3 Observed Weather Advisories (OWA) and Observed Weather Warnings (OWW).

The Contractor shall issue OWA's for lightning within 10nm and OWW's for lightning within 5nm of Alpena CRTC and cancel same when no longer within the respective distance.

Procedures and techniques to issue observed lightning advisories and warnings for the Alpena CRTC will be developed from applicable AFMAN 15-129, AFOSH 91-66 and 91-100, FAA, and NWS procedures and requirements. The Contractor will use AF form 3807 for OWW's and AF form 3806 for OWA's.

OWA's and OWW's will be disseminated to Base Operations directly or by phone. Central Security will be notified by phone. Initials on a documented form will verify receipt. Central Security will implement the established Force Protection notification process for weather advisories, watches and warnings. Deviations from standard criteria listed in Chapter 3, AFMAN 15-129, will be documented in a MOA between the respective OWS (Operational Weather Squadron), Contractor, and QAE. (TE 4, CDRL 06, 07)

5.1.6.4 Barometer Comparisons. Comparisons will be completed quarterly between the ASOS and the backup Kestrel on a locally generated form. The Aneroid Barometer (Altimeter Setting Indicator – ASI) will be compared with the ASOS pressure reading once daily during station operating hours and recorded in the remarks section of the NWS MF1M-10C.

5.2. WEATHER SUPPORT COORDINATION. The weather support documents (letters of agreement) identify specific customer requirements. The Contractor shall use the weather support documents and applicable Government directives in the performance of this contract. At least annually the QAE will coordinate the weather support documents with the customer and Contractor.

SECTION C-6

Applicable Publications and Forms

6.1. The Contractor shall establish a publication distribution account and requirements for one copy of the AFEPL with the Alpena PDO. Supplements to the listed publications are required for the unit/customers supported.

6.1.1. The PDO will provide the Contractor with the required publications and forms or one copy of the AFEPL.

6.1.2. FAA publications will be obtained through Base Operations.

6.2. The current edition of the publications listed below shall be used unless as specified in paragraph 6 of the basic PWS.

<u>PUBLICATION</u>	<u>TITLE</u>	<u>MANDATORY ADVISORY</u>
FAA Order 7900.5B	Surface Weather Observations	M
AFMAN 15-124	Meteorological Codes	A
AFI 64-106	Air Force Industrial Labor Relations Activities	M
DODD 5500-7	Standards of Conduct	M
FAA 7340.1	FAA Contractions	M
	ASOS User's Manual	M
	ASOS Ready Reference Guide	M
	Letter of Agreement	M
AFMAN 15-129	Air and Space Weather Operations-Processes and Procedures	A
AFMAN 15-111	Surface Weather Observations	A

DEPARTMENTAL FORMS

<u>FORMS</u>	<u>TITLE</u>	<u>MANDATORY ADVISORY</u>
NWS Form MFIM-10C	Surface Weather Observations	M

APN FORM 1	Local Dissemination Log/Record	M
	Communications/Equipment Service Record	M
APN FORM 2	ASOS Outages	M
AF IMT 3806	Weather Watch Advisory Log	M
AF IMT 3807	Watch/Warning Notification and Verification	M

TECHNICAL
EXHIBIT

	<u>TITLE</u>	<u>PAGE</u>
1	Performance Requirements Summary	TE 1-1
2	Workload Estimates	TE 2-1
3	Maps and Work Area Layouts	TE 3-1
4	Required Reports	TE 4-1
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5a	Government-Furnished Facilities	TE 5a-1
5b	Government-Furnished Equipment	TE 5b-1
6	Quality Standards	TE 6-1

TECHNICAL EXHIBIT 1

PERFORMANCE REQUIREMENTS SUMMARY

1. PERFORMANCE REQUIREMENTS SUMMARY (PRS). The attached PRS chart lists the PWS requirements that the Government will survey.

REQUIRED SERVICE	STANDARD	PERFORMANCE REQUIREMENT	METHOD OF SURVEILLANCE	MAXIMUM PAYMENT PERCENTAGE
RS 1; Take, record, encode, and disseminate accurate surface weather observations. Para C-5.1.1	During each hour, all required surface weather observations are taken, recorded, and encoded on MF1M-10C error-free. All observations are disseminated locally and longline error-free. All entries on MF1M-10C are legible and in chronological order.	PR: 2 defects. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	40%
RS 2; Disseminate timely surface weather observations. Para C-5.1.1	During each hour, surface weather observations must be disseminated locally and longline. Hourly observations at H+53; specials and locals within 5 minutes of occurrence.	PR: 2 defects. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	25%
RS 3; Report and document equipment and circuit outages. Para C-5.1.2	All equipment and circuit outages are reported to the appropriate agency within 20 minutes of occurrence and are documented on an outage log.	PR: 1 defect. LOT SIZE: All outages for the month.	100 Percent Checklist	5%
RS 4; Submit Contract Data Requirements. Tech Exhibit 4	All Contract Data Requirements are received not later than the time frames set forth in Technical Exhibit 4.	PR: 0 defects. LOT SIZE: All contract data requirements for the month.	100 Percent Checklist	15%
RS 5; Facility Operation Tasks.	Perform the following tasks:	PR: 1 defect. LOT SIZE: Number of times the tasks were required each quarter.	100 Percent Checklist (Annually)	10%
Para C-1.2.2.13 (Basic PWS)	Training Record Documentation: Training record on file for each employee. Training checklist and qualification documentation included in each record.			
Para C-1.2.4, C-6 (Basic PWS)	Publications/Forms Management: Mandatory publications/forms on hand (paper or electronic version).			
Para C-1.3.2 (Basic PWS)	Quality Control Inspections: Inspections performed and defects documented. A supervisor's summary of corrective actions included with the inspections.			
Para C-5.1.1.3	Surface weather observation records: A copy of all surface weather observation records (MF1M-10C) shall be maintained in the weather station.			
Para C-5.1.4	Special and Local Weather Observation Criteria: FLIPs and Air Force /FAA directives reviewed for landing and takeoff weather criteria to ensure special and local observation criteria are current.			

Para C-5.1.6.3	Advisory/Warning Observed Lightning	PR: 0 defects	100 Percent	5%
		LOT SIZE: All	Ckecklist	

TECHNICAL EXHIBIT 2
WORKLOAD ESTIMATES

<u>SERVICE</u>	<u>QUANTITY PER MONTH</u>
Take, record, encode, and transmit accurate surface weather observations (METAR, SPECI, and local)	275
Document and report equipment/circuit outages	3
Barometer Comparison	Semi-annually

TECHNICAL EXHIBIT 3

MAPS AND WORK AREA LAYOUT

The weather station is located on the second floor of the Base Operations Building. Weather station location shall provide the most optimum view of the AERODOME for observational and flight safety purposes.

TECHNICAL EXHIBIT 4

REQUIRED REPORTS

The contractor shall submit all required reports as indicated on the attached Contract Data Requirements List. Information concerning each report's preparation and format is contained in the respective Data Item Description.

Data Item Number: 01

Title of Data Item: Contractor Quality Control Plan

Subtitle: QC Plan

Authority (DID Number): DID 01

Contract Reference: PWS Para 1.3

Requiring Office: ANG/A3OS

Frequency: Initially and as changes occur.

As of Date: At Pre-performance conference, then as of revision submission.

Date of First Submission: At Pre-performance conference

Date of Subsequent Submission: Final version by contract start date, then when changes occur.

Distribution: NGB-AQC-S: 1 regular copy; QAE: 1 repro copy

Remarks: None

Data Item Number: 02

Title of Data Item: Surface Observation Record

Subtitle: NWS Form MF1M-10C

Authority (DID Number): DID 02

Contract Reference: PWS Para 5.1.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy and 1 repro copy

Remarks: None

Data Item Number: 03

Title of Data Item: Equipment/Circuit Service Record

Subtitle: Outage Log

Authority (DID Number): DID 03

Contract Reference: PWS Para 5.1.2

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 04

Title of Data Item: Longline (ASOS) Dissemination Record

Subtitle: None

Authority (DID Number): DID 04

Contract Reference: PWS Para 5.1.1.2

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 05

Title of Data Item: Local Dissemination Log

Subtitle: None

Authority (DID Number): DID 05

Contract Reference: PWS Para 5.1.1.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 06

Title of Data Item: Weather Watch Advisory Log

Subtitle: AF IMT 3806

Authority (DID Number): DID 05

Contract Reference: PWS Para 5.1.6.3

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: xx Nov 2011

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 07

Title of Data Item: Weather Watch Advisory Log

Subtitle: AF IMT 3807

Authority (DID Number): DID 05

Contract Reference: PWS Para 5.1.6.3

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: xx Nov 2011

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy
Remarks: None

1. Title: Contractor Quality Control Plan (DID 01)

2. Description/Purpose: This document outlines the contractor's quality control requirements and procedures required by this contract. The plan contains the specific details of how the contractor performs quality control to ensure the standards for products and services under this contract are met. The QAE periodically reviews the contractor's quality control plan documentation to determine compliance and implementation and to assess the effectiveness of quality control policies and procedures.

3. Preparation Instructions:

3.1. The contractor shall provide a quality control plan to the contracting officer as prescribed in Section C-1, paragraph 1.3 and whenever changes occur.

4. Distribution: Not Applicable

1. Title: Surface Observation Records (NWS Form MF1M-10C) (DID 02)

2. Description/Purpose: Used to record the weather observation for the station. Observation types include METAR (SA), SPECI (SP), and Local (L). The NWS Form MF1M-10C is the official source document for weather conditions at the station. Data recorded on the form is used for climatological studies and aircraft accident investigations.

3. Preparation Instructions:

3.1. The Contractor shall chronologically record surface weather observations on the NWS Form MF1M-10C. The Contractor shall follow the procedures detailed in FAA Order 7900.5b for recording and encoding. All MF1M-10C entries must be legible on both the original and the reproduced copy.

3.2. Should the ASOS not allow entry of an element in the appropriate field as required by FAA 7900.5.B, the Contractor shall place the element in the Remarks Section (Column 14) on the NWS Form MF1M-10C. The order of elements recorded on the NWS Form shall agree with the ASOS dissemination record.

3.3. The Contractor shall use the ASOS Daily Summary data to record Summary of the Day information (temperature, wind, and precipitation) in columns 57-61 on NWS Form MF1M-10C. Some ASOS Daily Summary data (temperatures, wind speed, and time of wind speed) must be converted before entered on NWS Form MF1M-10C. The Government no later than the start of the contract shall provide a conversion chart for Celsius to Fahrenheit temperatures and Knots to Miles Per Hour wind speeds.

3.4. The original NWS Form MF1M-10C of each observing record for the first through the last day of the month is forwarded to the QAE.

4. Distribution: Not Applicable

1. Title: Weather Equipment/Communications Outage Record (DID 03)
2. Description/Purpose: Used to depict a chronology of equipment and circuit problems and to document actions taken to resolve these outages.
3. Preparation Instructions:
 - 3.1. The contractor documents and reports weather equipment, communications equipment, and circuit outages as required by PWS paragraph 5.6.6.
 - 3.2. The Weather Equipment/Communications Outage Record shall include, as a minimum, the following information:
 - Circuit identification or equipment type
 - DATE/TIME (Z) of the outage (All outages recorded chronologically)
 - DATE/TIME (Z) maintenance was notified
 - Job Control or Work Order Number if assigned
 - Initials of maintenance person receiving the outage report
 - DATE/TIME (Z) when circuit was restored or equipment was repaired
 - Remarks (Fully explains the outage, projected restoral date, corrective actions, and/or FOLLOW-UP status)
 - Initials of person recording the entries
 - 3.3. Document FOLLOW-UP status checks on a separate line. Use the term FOLLOW-UP to indicate the status check, refer to the original job control/work order number, include time of status check, and document in remarks any changes concerning restoral.
 - 3.4. Make daily FOLLOW-UP contacts on outage lasting 24 hours or longer. Daily FOLLOW-UP calls are not required if the maintainer provides a projected restoral date. If the outage is not corrected by the projected date, FOLLOW-UP calls are required daily unless the maintainer establishes a new projected restoral date.
4. Distribution: Not Applicable

1. Title: Long-line (ASOS) Dissemination Records (DID 04)
2. Description/Purpose: A printed copy of weather data transmitted longline via electrical means such as the Automated Surface Observing System. The printout is used to confirm dissemination and to quality control the accuracy of products.
3. Preparation Instructions:
 - 3.1. The contractor shall encode and transmit weather data on ASOS as required by FAA Order 7900.5B.
 - 3.2. The Contractor will use the ASOS to print a copy of all observations that were disseminated during each calendar day (midnight local time to midnight local time). This printout shall include all ASOS observations for the day in chronological order, both augmented and unaugmented. A copy of each day's printout shall be forwarded to the QAE.
 - 3.3. The Contractor shall also have the ASOS print out a Daily Summary that includes maximum/minimum temperatures, maximum wind speed with direction and time, and precipitation totals. Information from the Daily Summary shall be used for Summary of the Day data on FAA Form MF1M-10C (See DID 02). The printout of the Daily Summary shall be attached to the corresponding daily printout of observations.
 - 3.4. The Contractor shall ensure all printed data is legible.
4. Distribution: Not Applicable

1. Title: Local Dissemination Log (DID 05)

2. Description/Purpose: The Local Dissemination Log/Record is used to document voice dissemination of weather information.

3. Preparation Instructions:

3.1. When the contractor must disseminate weather information locally by voice, a record of these disseminations is documented on a Dissemination Log. The Dissemination Log shall contain the following information as a minimum:

- Product Type: Enter acronym for type of product being disseminated, e.g., SA, RS, L, WW, etc.
- Time (Z): Enter time ascribed to the product.
- Initials: Enter initials of person making the dissemination.
- Agency: Enter acronym for the agency the product is disseminated to. The number of Agency columns should be sufficient for all agencies normally requiring dissemination.
- Time (Z): Enter the time the product was disseminated to the agency.
- Initials: Enter initials of person receiving the product.
- Remarks: Enter remarks to explain any delays or non-deliveries, or other pertinent information.

3.2. Each page of the Local Dissemination Log shall have the Day/Month/Year the products were disseminated.

4. Distribution: Not Applicable

1. Title: Weather Watch Advisory Log (AF Form 3806) (DID 06)
2. Description/Purpose: The AF Form 3806 records the text and valid period of weather advisories for a specific area. It also documents dissemination of warning and watch information to requiring agencies.
3. Preparation Instructions:
 - 3.1. The contractor shall prepare, disseminate, and document issuance, correction, and cancellation of observed weather advisories for lightning in conformance with AFMAN 15-129 and as established in the local SOP. All actions (issuance, correction, or cancellation) shall be documented in the Dissemination Section of the AF Form 3806. The pertinent action along with the time (z) and observer's initials shall be recorded in this section, e.g. ISSUED 1750Z/JG, COR 2208Z/ST, or CANX 1743Z/KC.
 - 3.2. Each advisory shall clearly indicate the advisory number, areal coverage, and text.
4. Distribution: Not Applicable

1. Title: Weather Watch/Warning Notification and Verification (AF Form 3807) (DID 07)
2. Description/Purpose: The AF Form 3807 records the text and valid period of weather warnings for a specific area. It also documents dissemination of warning information to requiring agencies.
3. Preparation Instructions:
 - 3.1. The contractor shall prepare, disseminate, and document issuance, correction, and cancellation of observed weather advisories and warnings for lightning in conformance with AFMAN 15-129 and as established in the local SOP. All actions (issuance, correction, or cancellation) shall be documented in the Dissemination Section of the AF Form 3807. The pertinent action along with the time (z) and observer's initials shall be recorded in this section, e.g. ISSUED 1750Z/JG, COR 2208Z/ST, or CANX 1743Z/KC.
 - 3.2. Each warning shall clearly indicate the warning number, areal coverage, and text.
4. Distribution: Not Applicable

TECHNICAL EXHIBIT 5a

GOVERNMENT-FURNISHED FACILITIES

The Contractor shall perform weather observing duties from the Base Operations building at the CRTC. The Contractor will be provided an area of approximately 150 sq ft located in Base Operations which will be used for the observer and for the contract management office space.

TECHNICAL EXHIBIT 5b

GOVERNMENT FURNISHED EQUIPMENT

1. The National Weather Service maintains the following Government-furnished equipment:

Automated Surface Observing System (ASOS)
Aneroid Barometer (serial # 1211)
Kestrel (NK0840-426482)
Wet Bulb Temperature Kits (6665-01-381-3023) and Tripod (SACAR TR-2L).
8 inch ML-17 Rain Gauge
Thermometer
Sling Psychrometer
2 Psychrometric Calculators
Pressure Reduction Computer

2. The following is a list of the Government-furnished office furniture/equipment:

One desk
Two chairs

SECTION SF 1449 - CONTINUATION SHEET

SUPPLIES OR SERVICES AND PRICES

CLIN 1001

The unit price amount has increased by \$1,427.80 from \$35,704.64 to \$37,132.44.

The total cost of this line item has increased by \$17,133.60 from \$428,455.68 to \$445,589.28.

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES
				J	1 8
2. AMENDMENT/MODIFICATION NO. P00006	3. EFFECTIVE DATE 24-Oct-2011	4. REQUISITION/PURCHASE REQ. NO. F9WFX10083A001	5. PROJECT NO. (If applicable)		
6. ISSUED BY NGB-AQ-AF JOINT BASE ANDREWS 3501 FETCHET AVENUE ANDREWS AFB MD 20762-5157	CODE W9133L	7. ADMINISTERED BY (If other than item 6) NGB-ZC-AQ - W9133L 1411 JEFFERSON DAVIS HWY ARLINGTON VA 22202-3231		CODE W9133L	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) SKYWATCH RESEARCH, LLC MARGIE HOWARD 212 EGLIN PKWY SE FOR WALTON BEACH FL 32548-5897				9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
				X	10A. MOD. OF CONTRACT/ORDER NO. W9133L-11-C-0002
				X	10B. DATED (SEE ITEM 13) 02-Sep-2010
CODE 5XWZ5				FACILITY CODE	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. <p>Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>					
12. ACCOUNTING AND APPROPRIATION DATA (If required) See Schedule					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement Between Parties					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: wilson1238 SEE CONTINUATION PAGE					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
				(b) (6)	
				TEL: 703 607-1226	EMAIL: (b) (6)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)		BY (b) (6)		26-Oct-2011	
		(Signature of Contracting Officer)			

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA

Record Posted to NGB Reading Room
13 June 14

FAR (48 CFR) 53.243
FOIA Requested Record #J-11-0096
Released by Air National Guard
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SECTION SF 30 BLOCK 14 CONTINUATION PAGE

A. Pursuant to FAR CLAUSE 52.217-9 Option to Extend the Terms of the Contract, the purpose of this modification is to extend the term of the contract for the period of 01 October 2011- 30 November 2011. Funding is for only 2 months. Funds are available under a Continuing Resolution Authority (CR) for obligation up to the date of the CRA.

B. The total cost of this contract was increased by \$357,132.10 from \$2,172,009.15 to \$2,529,141.25.

C. The PR Number for this modification is F9WFX11220A001.

D. The fund cite for this modification is 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100
ALD:AA FSR: 021555 PSR: F57849 DSR: 641379

ACCOUNTING AND APPROPRIATION

Summary for the Payment Office

As a result of this modification, the total funded amount for this document was increased by \$357,132.10 from \$2,172,009.15 to \$2,529,141.25.

CLIN 1001:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:641379 (CIN F9WFX11220A0010001) was increased by \$74,264.88 from \$0.00 to \$74,264.88
The contract ACRN AB has been added.
The CIN F9WFX11220A0010001 has been added.

CLIN 1002:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:641379 (CIN F9WFX11220A0010002) was increased by \$36,993.74 from \$0.00 to \$36,993.74
The contract ACRN AB has been added.
The CIN F9WFX11220A0010002 has been added.

CLIN 1003:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:641379 (CIN F9WFX11220A0010003) was increased by \$13,379.46 from \$0.00 to \$13,379.46
The contract ACRN AB has been added.
The CIN F9WFX11220A0010003 has been added.

CLIN 1004:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:641379 (CIN F9WFX11220A0010004) was increased by \$43,483.88 from \$0.00 to \$43,483.88
The contract ACRN AB has been added.
The CIN F9WFX11220A0010004 has been added.

CLIN 1005:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:641379 (CIN F9WFX11220A0010005) was increased by \$106,163.50 from \$0.00 to \$106,163.50

The contract ACRN AB has been added.

The CIN F9WFX11220A0010005 has been added.

CLIN 1006:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:641379 (CIN F9WFX11220A0010006) was increased by \$76,678.74 from \$0.00 to \$76,678.74

The contract ACRN AB has been added.

The CIN F9WFX11220A0010006 has been added.

CLIN 1007:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:641379 (CIN F9WFX11220A0010007) was increased by \$434.80 from \$0.00 to \$434.80

The contract ACRN AB has been added.

The CIN F9WFX11220A0010007 has been added.

CLIN 1008:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:641379 (CIN F9WFX11220A0010008) was increased by \$1,533.40 from \$0.00 to \$1,533.40

The contract ACRN AB has been added.

The CIN F9WFX11220A0010008 has been added.

CLIN 1009:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:641379 (CIN F9WFX11220A0010009) was increased by \$1,824.00 from \$0.00 to \$1,824.00

The contract ACRN AB has been added.

The CIN F9WFX11220A0010009 has been added.

CLIN 1010:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:641379 (CIN F9WFX11220A0010010) was increased by \$495.80 from \$0.00 to \$495.80

The contract ACRN AB has been added.

The CIN F9WFX11220A0010010 has been added.

CLIN 1011:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:641379 (CIN F9WFX11220A0010011) was increased by \$879.90 from \$0.00 to \$879.90

The contract ACRN AB has been added.

The CIN F9WFX11220A0010011 has been added.

CLIN 1012:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:641379 (CIN F9WFX11220A0010012) was increased by \$1,000.00 from \$0.00 to \$1,000.00

The contract ACRN AB has been added.

The CIN F9WFX11220A0010012 has been added.

DELIVERIES AND PERFORMANCE

The following Delivery Schedule item for CLIN 1001 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

The following Delivery Schedule item for CLIN 1002 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

The following Delivery Schedule item for CLIN 1003 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
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POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1
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The following Delivery Schedule item for CLIN 1004 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

The following Delivery Schedule item for CLIN 1005 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

The following Delivery Schedule item for CLIN 1006 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

The following Delivery Schedule item for CLIN 1007 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

The following Delivery Schedule item for CLIN 1008 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

The following Delivery Schedule item for CLIN 1009 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
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POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1
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To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

The following Delivery Schedule item for CLIN 1010 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

The following Delivery Schedule item for CLIN 1011 has been changed from:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

To:

DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
POP 01-OCT-2011 TO 30-SEP-2012	N/A	SEE SCHEDULE N/A N/A AA N/A FOB: Destination	SCHED1

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
			J	1	29
2. AMENDMENT/MODIFICATION NO. P00007	3. EFFECTIVE DATE 16-Nov-2011	4. REQUISITION/PURCHASE REQ. NO. F9W/FX10083A001	5. PROJECT NO. (If applicable)		
6. ISSUED BY NGB-AQ-AF JOINT BASE ANDREWS 3501 FETCHEY AVENUE ANDREWS AFB MD 20762-5157	CODE W9133L	7. ADMINISTERED BY (If other than item 6) NGB-ZC-AQ - W9133L 1411 JEFFERSON DAVIS HWY ARLINGTON VA 22202-3231	CODE	W9133L	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) SKYWATCH RESEARCH, LLC MARGIE HOWARD 212 EGLIN PKWY SE FOR WALTON BEACH FL 32548-5897			9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
			X	10A. MOD. OF CONTRACT/ORDER NO. W9133L-11-C-0002	
			X	10B. DATED (SEE ITEM 13) 02-Sep-2010	
CODE 5XWZ5	FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement Between Parties					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: wilsonr12233 See Continuation Page.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			(b) (6)		
			TEL: 703-607-1279 EMAIL: (b) (6)		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)		BY (b) (6)		22-Nov-2011	
		(Signature of Contracting Officer)			

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA

Record Posted to NGB Reading Room
13 June 14

FAR (48 CFR) 53.243
FOIA Requested Record #J-11-0096
Released by Air National Guard
Page 531 of 565

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

A. Pursuant to FAR CLAUSE 52.243-1 Changes Fixed Price the purpose of this modification is to replace SOW with attached revised SOW.

PERFORMANCE WORK STATEMENT

TAB A

ALPENA CRTC MICHIGAN

Contract No: W9133L-10-R-0022

01 October, 2010

ALPENA SECTION C

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	Hours of Operation	C1-1
C-3	Government-Furnished Property and Services	
	Government-Furnished Services	C3-1
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	Meteorological Services	C5-1
	Surface Weather Observations	C5-1
	Outage Reports	C5-2
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SECTION C-1

GENERAL INFORMATION

1.1.1. The Alpena Base Weather Station (BWS) provides surface weather observing and staff weather support at the Alpena Combat Readiness Training Center (CRTC). Staff weather support does not include weather forecast services. Specific services are set forth in Section C-5.

1.2. Weather Observer Qualification Requirements:

1.2.1. Have at least 1-year experience with a Federal agency in the taking, recording, and dissemination of surface weather observations as their primary full-time job or are currently certified and working as a weather observer for a Federal agency as their primary full-time job. Full-time shall be construed as at least 30-hours per week.

1.3. HOURS OF OPERATION.

1.3.1. Normal Hours of Operation. The Contractor shall perform the services required under this contract during the following hours: 8 hours per day (0800-1600 Local Time), 5 days per week (Monday through Friday), exclusive of Federal Holidays

1.3.2. Contingency Support for Emergency or Special Event Services: On occasion, the Contractor will be required to perform weather services set forth in Section C-5 outside those normal hours of operation established in paragraph 1.3.1. The additional hours are to coincide with Air Traffic Control (ATC), airfield operating hours, and situations/events as described below. This may entail an increase in the normal hours of operation (i.e., 0600L-2000L versus 0800L-1600L) up to and including 24 hours per day. The Contractor shall provide these services when required by the Contracting Officer or his authorized representative, at the contract line item price for these contingency services. The Contracting Officer or his authorized representative will provide notification of 24 hour per day support to the Contractor no later than 1630L the day prior to such requirement. In the case of extended services of less than 24 hours per day, attempts from the Contracting Officer will be made to notify the Contractor of such requirement prior to 1630L the day prior. However, such services may be required with little or no notice. Situations and events requiring contingency support include, but are not limited to, exercises, surge requirements, disasters, accident and/or rescue operations, deployments, nighttime flying, and severe weather. Procedures for requesting Contracting Officer authorization to provide emergency or special event services are detailed in Section C-5.

1.3.2.1. The Contractor shall invoice for contingency services on a monthly basis commensurate with his normal monthly invoice for the basic weather services. Prior to submission of such invoice, the Contractor shall obtain certification of contingency support man-hours worked from the Contracting Officer or his authorized representative who authorized such services.

SECTION C-3

GOVERNMENT-FURNISHED PROPERTY AND SERVICES

3.2.1. **Telephone Service.** Government telephone service of Class "A" and DSN access shall be provided for Contractor use for conduct of official business.

3.2.2. **Installation Mail Service.** The official on-base mailing address for the Contractor is:

CRTC WEATHER
5884 A STREET
ALPENA MI 49707-8125

3.2.3. **Security Police and Fire Protection.** Security police and fire protection is available by calling 911.

3.2.4. **Emergency Medical Service.** Emergency medical care is available by calling 911.

SECTION C-4**CONTRACTOR-FURNISHED ITEMS AND SERVICES**

4.1. **Contract Transition Materials Inventory.** Upon termination of the contract, the Contractor shall provide a 30-day stock level of materials and supplies needed to operate Government-furnished equipment. Although not all inclusive, the following items are normally used in weather station operations:

<u>MATERIAL</u>	<u>MONTHLY EQUIPMENT/ITEM USED WITH</u>	<u>USAGE</u>
Computer Paper	ASOS Printer	1/4 box
Printer Ribbons	ASOS Printer	1 each

SECTION C-5

SPECIFIC TASKS

5. GENERAL. The Alpena Base Weather Station (BWS) provides weather support services of surface observing and staff weather support to units located on base. Such service includes but is not limited to solar data, climatological information and as identified in paragraph 1.3.2. of Section C-1. Staff weather support does not include flight weather briefings or forecast services. The weather observing facility is located in the Base Operations building.

5.1. Meteorological Services. Through a continuous weather watch, the Contractor shall provide accurate surface weather observations by augmentation and backup to the Automated Surface Observing System (ASOS) during weather station operational hours. The Contractor shall ensure the ASOS observation is accurate and representative of existing conditions by editing the appropriate weather elements prior to dissemination. The Contractor will be familiar with ASOS operations such as editing individual weather elements, generating specials via hot keys, answering the ASOS phone, being able to turn report processing sensors on and off, and being able to archive observations. In the event of sensor failure or a sensor is determined to be unrepresentative, the Contractor shall perform manual backup of the effected ASOS sensor. Manual observations shall be performed in the event of a complete ASOS system failure. The back-up of sensors and/or Manual observations will also be performed during periods of maintenance, as warranted.

5.1.1. Surface Weather Observations. All surface weather observations required during each hour shall be taken, recorded, encoded, and disseminated error-free using the codes and procedures prescribed in FAA Order 7900.5B Service Standards, minimum Level C. Any corrections shall be disseminated within 20-minutes of the original transmission time. If the next observation is transmitted within the 20-minute period and it corrects the incorrect element, the original observation will be considered error-free.

5.1.1.1. Local Dissemination. Accurate and timely surface weather observations shall be disseminated locally via ASOS link to the IDS5 to the Air Traffic Control Tower and Radar Approach Control (RAPCON) as required by the local Letter of Agreement. In the event of an ASOS/IDS5 outage, the weather information shall be disseminated by hotline or telephone to these agencies and documented on a Local/Long-line Dissemination Log. (TE 4, CDRL 05)

5.1.1.2. Long-line Dissemination. Accurate and timely surface weather observations shall be disseminated long-line via the ASOS using the content and format required by FAA Order 7900.5B. During ASOS communication outages the Contractor shall relay the observation to the FAA Automated Flight Service Station (AFSS) for long-line transmission and document same on the Local/Long-line Dissemination Log. (TE 4, CDRL 04)

5.1.1.3. Surface Weather Observing Records. The Contractor shall record accurate and legible surface weather observations on NWS Form MFIM-10C as prescribed in FAA Order 7900.5B. The data recorded on MFIM-10C serves as the source to determine local and long-line dissemination accuracy. A duplicate copy of each MFIM-10C used to record surface weather

observations shall be maintained in the weather station for the period specified in AFMAN 37-139. (TE 4, CDRL 02)

5.1.2. ASOS Outage Reports. The Contractor shall monitor ASOS meteorological and communications equipment operational status and report all outages to the AOMC (1-800-242-8194). All ASOS meteorological and communications equipment outages will be documented on an ASOS Outage Log. (TE 4, CDRL 03)

5.1.3. Computer Messages. The Contractor shall monitor and respond to any messages received over the ASOS.

5.1.4. DOD Flight Information Publications (FLIP). The Contractor shall review each applicable FLIP and FAA Order to determine changes in local and special observing criteria.

5.1.5. Emergency or Special Event Support. The Contractor shall perform those tasks listed within this section appropriate to the support requested and as described in paragraph 1.3.2. of Section C-1. For example, increased operational flying requirements or Alert Force activation might entail 24-hour surface weather observation support. The Contractor shall request, in writing, clarification from the Contracting Officer whenever he/she has a question as to the specific tasks to be performed in support of emergencies or special events. Emergency or special event support requests will be processed as in 5.1.5.1.

5.1.5.1. Processing of Emergency or Special Event Support Requests. Requests for weather support outside the normal hours of operation specified in paragraph 1.3.2., Section C-1, will originate from a customer. Whenever possible, such requests should be submitted to, and approved, by the Contracting Officer in advance. If advance approval is not practical, the Contractor is still required to respond within 1 hour of notification and provide the appropriate support services. Requests can be classified as Routine, Very Short Notice, or No Notice. Reproducible copies of the "Request for Contingency Support" and "Certification of Contingency Hours Worked" forms will be provided to the Contractor and the Pre-performance Conference.

5.1.5.1.1. Routine Requests. Those requests submitted to the BWS more than 2 workdays prior to the start of the support. The customer must complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. The BWS supervisor will review the request, complete the 1st endorsement and forward it to the QAE at least 2 workdays prior to the start date of the support. The QAE will evaluate the request, complete the 2nd endorsement, and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given no later than 1630L the day prior to the requirement. If approved, the next regular workday following the provision of the support, the BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.5.1.2. Very Short Notice Requests. Situations may arise which allow only minimal time for coordination of a request. These requests will usually be 2 work days or less prior to the start of

the support. As circumstances permit, the customer should complete paragraph 1, "Request for Contingency Support," and submit it to the BWS supervisor. In those cases where circumstances do not allow for the customer to complete paragraph 1, the BWS supervisor will complete it (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and forward it to the QAE. The QAE will evaluate the request, complete the 2nd endorsement, and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form. The notification of approval/disapproval will be given as soon as practical. If approved, the next regular workday following the provision of the support, the BWS supervisor will forward the QAE a completed copy of "Certification of Contingency Hours Worked" certifying the number of contingency hours actually worked.

5.1.5.1.3. No Notice Requests. A situation may arise, such as the threat of severe weather, which requires immediate support, but coordination with the Contracting Officer is not practical. The BWS supervisor will use their best judgment in providing any necessary support services. No later than the next regular work day following the support, the BWS supervisor will complete paragraph 1 (except for the signature of the requester) and the 1st endorsement of "Request for Contingency Support" and "Certification of Contingency Hours Worked" and forward it to the QAE. The QAE will complete the 2nd endorsement and forward the form to the Contracting Officer. The Contracting Officer will approve or disapprove the request, sign the form, and provide the BWS supervisor a copy of the completed form.

5.1.5.1.4. Cancellations. In the event the requested support is canceled, the BWS supervisor shall complete "Certification of Contingency Hours Worked" certifying no hours were worked and an explanation why the support was canceled. This form shall be provided to the QAE no later than the next working day following the canceled support.

5.1.5.2. Billing. The Contractor shall invoice for approved emergency or special event support services on a monthly basis when the normal monthly invoice for basic weather services is submitted.

5.1.6. Operational Reporting. Aircraft mishaps and severe weather occurrences require additional notification beyond local and long-line dissemination. During normal duty hours the Contractor shall notify Base Operations and the QAE when either of these events occur. The Contractor shall provide the observation at the time of the event, the forecast (if known) to include any weather warnings and/or weather advisories, and the status of the meteorological equipment.

5.1.6.1. Aircraft Mishap Notification. Upon observation or notification of an aircraft mishap the Contractor shall take, record, and disseminate an aircraft mishap observation according to FAA Order 7900.5B requirements. The Contractor shall perform a 2-hour archive of the 5-minute observations on ASOS in accordance with established procedures.

5.1.6.2. Severe Weather. Upon occurrence of a tornado, winds 50 knots or greater (including gusts), or hail 3/4 inch or greater on the installation, the Contractor shall notify the NWS in Gaylord, MI. The contractor shall prepare the Severe Weather Occurrence Worksheet and

forward it to Base Operations. If the severe weather event occurs during contractor non-duty hours, the Contractor shall provide the information to Base Operations during the first normal duty hour the next duty day.

5.1.6.3 Observed Weather Advisories (OWA) and Observed Weather Warnings (OWW).

The Contractor shall issue OWA's for lightning within 10nm and OWW's for lightning within 5nm of Alpena CRTC and cancel same when no longer within the respective distance.

Procedures and techniques to issue observed lightning advisories and warnings for the Alpena CRTC will be developed from applicable AFMAN 15-129, AFOSH 91-66 and 91-100, FAA, and NWS procedures and requirements. The Contractor will use AF form 3807 for OWW's and AF form 3806 for OWA's.

OWA's and OWW's will be disseminated to Base Operations directly or by phone. Central Security will be notified by phone. Initials on a documented form will verify receipt. Central Security will implement the established Force Protection notification process for weather advisories, watches and warnings. Deviations from standard criteria listed in Chapter 3, AFMAN 15-129, will be documented in a MOA between the respective OWS (Operational Weather Squadron), Contractor, and QAE. (TE 4, CDRL 06, 07)

5.1.6.4 Barometer Comparisons. Comparisons will be completed quarterly between the ASOS and the backup Kestrel on a locally generated form. The Aneroid Barometer (Altimeter Setting Indicator – ASI) will be compared with the ASOS pressure reading once daily during station operating hours and recorded in the remarks section of the NWS MF1M-10C.

5.2. WEATHER SUPPORT COORDINATION. The weather support documents (letters of agreement) identify specific customer requirements. The Contractor shall use the weather support documents and applicable Government directives in the performance of this contract. At least annually the QAE will coordinate the weather support documents with the customer and Contractor.

SECTION C-6

Applicable Publications and Forms

6.1. The Contractor shall establish a publication distribution account and requirements for one copy of the AFEPL with the Alpena PDO. Supplements to the listed publications are required for the unit/customers supported.

6.1.1. The PDO will provide the Contractor with the required publications and forms or one copy of the AFEPL.

6.1.2. FAA publications will be obtained through Base Operations.

6.2. The current edition of the publications listed below shall be used unless as specified in paragraph 6 of the basic PWS.

<u>PUBLICATION</u>	<u>TITLE</u>	<u>MANDATORY</u> <u>ADVISORY</u>
FAA Order 7900.5B	Surface Weather Observations	M
AFMAN 15-124	Meteorological Codes	A
AFI 64-106	Air Force Industrial Labor Relations Activities	M
DODD 5500-7	Standards of Conduct	M
FAA 7340.1	FAA Contractions	M
	ASOS User's Manual	M
	ASOS Ready Reference Guide	M
	Letter of Agreement	M
AFMAN 15-129	Air and Space Weather Operations-Processes and Procedures	A
AFMAN 15-111	Surface Weather Observations	A

DEPARTMENTAL FORMS

<u>FORMS</u>	<u>TITLE</u>	<u>MANDATORY</u> <u>ADVISORY</u>
NWS Form MF1M-10C	Surface Weather Observations	M
APN FORM 1	Local Dissemination Log/Record	M
	Communications/Equipment Service Record	M
APN FORM 2	ASOS Outages	M

AF IMT 3806
AF IMT 3807

Weather Watch Advisory Log
Watch/Warning Notification and Verification

M
M

TECHNICAL
EXHIBIT

	<u>TITLE</u>	<u>PAGE</u>
1	Performance Requirements Summary	TE 1-1
2	Workload Estimates	TE 2-1
3	Maps and Work Area Layouts	TE 3-1
4	Required Reports	TE 4-1
	Contract Data Requirements Listing	TE 4-2-1
	Data Item Description	TE 4-3-1
5a	Government-Furnished Facilities	TE 5a-1
5b	Government-Furnished Equipment	TE 5b-1
6	Quality Standards	TE 6-1

TECHNICAL EXHIBIT 1

PERFORMANCE REQUIREMENTS SUMMARY

1. PERFORMANCE REQUIREMENTS SUMMARY (PRS). The attached PRS chart lists the PWS requirements that the Government will survey.

REQUIRED SERVICE	STANDARD	PERFORMANCE REQUIREMENT	METHOD OF SURVEILLANCE	MAXIMUM PAYMENT PERCENTAGE
RS 1; Take, record, encode, and disseminate accurate surface weather observations. Para C-5.1.1	During each hour, all required surface weather observations are taken, recorded, and encoded on MFIM-10C error-free. All observations are disseminated locally and longline error-free. All entries on MFIM-10C are legible and in chronological order.	PR: 2 defects. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	40%
RS 2; Disseminate timely surface weather observations. Para C-5.1.1	During each hour, surface weather observations must be disseminated locally and longline. Hourly observations at H+53; specials and locals within 5 minutes of occurrence.	PR: 2 defects. LOT SIZE: Total number of hours weather observations are required each month.	Random Sample	25%
RS 3; Report and document equipment and circuit outages. Para C-5.1.2	All equipment and circuit outages are reported to the appropriate agency within 20 minutes of occurrence and are documented on an outage log.	PR: 1 defect. LOT SIZE: All outages for the month.	100 Percent Checklist	5%
RS 4; Submit Contract Data Requirements. Tech Exhibit 4	All Contract Data Requirements are received not later than the time frames set forth in Technical Exhibit 4.	PR: 0 defects. LOT SIZE: All contract data requirements for the month.	100 Percent Checklist	15%
RS 5; Facility Operation Tasks.	Perform the following tasks:	PR: 1 defect. LOT SIZE: Number of times the tasks were required each quarter.	100 Percent Checklist (Annually)	10%
Para C-1.2.2.13 (Basic PWS)	Training Record Documentation: Training record on file for each employee. Training checklist and qualification documentation included in each record.			
Para C-1.2.4, C-6 (Basic PWS)	Publications/Forms Management: Mandatory publications/forms on hand (paper or electronic version).			
Para C-1.3.2 (Basic PWS)	Quality Control Inspections: Inspections performed and defects documented. A supervisor's summary of corrective actions included with the inspections.			
Para C-5.1.1.3	Surface weather observation records: A copy of all surface weather observation records (MFIM-10C) shall be maintained in the weather station.			
Para C-5.1.4	Special and Local Weather Observation Criteria: FLIPs and Air Force /FAA directives reviewed for landing and takeoff weather criteria to ensure special and local observation criteria are current.			

Para C-5.1.6.3	Advisory/Warning Observed Lightning	PR: 0 defects	100 Percent	5%
		LOT SIZE: All	Ckecklist	

TECHNICAL EXHIBIT 2
WORKLOAD ESTIMATES

<u>SERVICE</u>	<u>QUANTITY PER MONTH</u>
Take, record, encode, and transmit accurate surface weather observations (METAR, SPECI, and local)	275
Document and report equipment/circuit outages	3
Barometer Comparison	Semi-annually
Issue Weather Advisories/Warnings	10

TECHNICAL EXHIBIT 3

MAPS AND WORK AREA LAYOUT

The weather station is located on the second floor of the Base Operations Building. Weather station location shall provide the most optimum view of the AERODOME for observational and flight safety purposes.

TECHNICAL EXHIBIT 4**REQUIRED REPORTS**

The contractor shall submit all required reports as indicated on the attached Contract Data Requirements List. Information concerning each report's preparation and format is contained in the respective Data Item Description.

Reports may be submitted electronically or if paper copies, sent through the United States Post Office.

Data Item Number: 01

Title of Data Item: Contractor Quality Control Plan

Subtitle: QC Plan

Authority (DID Number): DID 01

Contract Reference: PWS Para 1.3

Requiring Office: ANG/A3OS

Frequency: Initially and as changes occur.

As of Date: At Pre-performance conference, then as of revision submission.

Date of First Submission: At Pre-performance conference

Date of Subsequent Submission: Final version by contract start date, then when changes occur.

Distribution: NGB-AQC-S: 1 regular copy; QAE: 1 repro copy

Remarks: None

Data Item Number: 02

Title of Data Item: Surface Observation Record

Subtitle: NWS Form MF1M-10C

Authority (DID Number): DID 02

Contract Reference: PWS Para 5.1.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy and 1 repro copy

Remarks: None

Data Item Number: 03

Title of Data Item: Equipment/Circuit Service Record

Subtitle: Outage Log

Authority (DID Number): DID 03

Contract Reference: PWS Para 5.1.2

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 04

Title of Data Item: Longline (ASOS) Dissemination Record

Subtitle: None

Authority (DID Number): DID 04

Contract Reference: PWS Para 5.1.1.2

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 05

Title of Data Item: Local Dissemination Log

Subtitle: None

Authority (DID Number): DID 05

Contract Reference: PWS Para 5.1.1.1

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: 5 Nov 2010

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 06

Title of Data Item: Weather Watch Advisory Log

Subtitle: AF IMT 3806

Authority (DID Number): DID 05

Contract Reference: PWS Para 5.1.6.3

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: xx Nov 2011

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

Data Item Number: 07

Title of Data Item: Watch/Warning Notification and Verification

Subtitle: AF IMT 3807

Authority (DID Number): DID 05

Contract Reference: PWS Para 5.1.6.3

Requiring Office: ANG/A3OS

Frequency: Monthly

As of Date: End of Month

Date of First Submission: xx Nov 2011

Date of Subsequent Submission: Submission: Submit NLT 5th workday of each month after surveillance period.

Distribution: QAE: 1 regular copy

Remarks: None

1. Title: Contractor Quality Control Plan (DID 01)

2. Description/Purpose: This document outlines the contractor's quality control requirements and procedures required by this contract. The plan contains the specific details of how the contractor performs quality control to ensure the standards for products and services under this contract are met. The QAE periodically reviews the contractor's quality control plan documentation to determine compliance and implementation and to assess the effectiveness of quality control policies and procedures.

3. Preparation Instructions:

3.1. The contractor shall provide a quality control plan to the contracting officer as prescribed in Section C-1, paragraph 1.3 and whenever changes occur.

4. Distribution: Not Applicable

1. Title: Surface Observation Records (NWS Form MF1M-10C) (DID 02)

2. Description/Purpose: Used to record the weather observation for the station. Observation types include METAR (SA), SPECI (SP), and Local (L). The NWS Form MF1M-10C is the official source document for weather conditions at the station. Data recorded on the form is used for climatological studies and aircraft accident investigations.

3. Preparation Instructions:

3.1. The Contractor shall chronologically record surface weather observations on the NWS Form MF1M-10C. The Contractor shall follow the procedures detailed in FAA Order 7900.5b for recording and encoding. All MF1M-10C entries must be legible on both the original and the reproduced copy.

3.2. Should the ASOS not allow entry of an element in the appropriate field as required by FAA 7900.5.B, the Contractor shall place the element in the Remarks Section (Column 14) on the NWS Form MF1M-10C. The order of elements recorded on the NWS Form shall agree with the ASOS dissemination record.

3.3. The Contractor shall use the ASOS Daily Summary data to record Summary of the Day information (temperature, wind, and precipitation) in columns 57-61 on NWS Form MF1M-10C. Some ASOS Daily Summary data (temperatures, wind speed, and time of wind speed) must be converted before entered on NWS Form MF1M-10C. The Government no later than the start of the contract shall provide a conversion chart for Celsius to Fahrenheit temperatures and Knots to Miles Per Hour wind speeds.

3.4. The original NWS Form MF1M-10C of each observing record for the first through the last day of the month is forwarded to the QAE either electronically or if sending paper copies, by United States Postal delivery.

4. Distribution: Not Applicable

1. Title: Weather Equipment/Communications Outage Record (DID 03)
2. Description/Purpose: Used to depict a chronology of equipment and circuit problems and to document actions taken to resolve these outages.
3. Preparation Instructions:
 - 3.1. The contractor documents and reports weather equipment, communications equipment, and circuit outages as required by PWS paragraph 5.6.6.
 - 3.2. The Weather Equipment/Communications Outage Record shall include, as a minimum, the following information:
 - Circuit identification or equipment type
 - DATE/TIME (Z) of the outage (All outages recorded chronologically)
 - DATE/TIME (Z) maintenance was notified
 - Job Control or Work Order Number if assigned
 - Initials of maintenance person receiving the outage report
 - DATE/TIME (Z) when circuit was restored or equipment was repaired
 - Remarks (Fully explains the outage, projected restoral date, corrective actions, and/or FOLLOW-UP status)
 - Initials of person recording the entries
 - 3.3. Document FOLLOW-UP status checks on a separate line. Use the term FOLLOW-UP to indicate the status check, refer to the original job control/work order number, include time of status check, and document in remarks any changes concerning restoral.
 - 3.4. Make daily FOLLOW-UP contacts on outage lasting 24 hours or longer. Daily FOLLOW-UP calls are not required if the maintainer provides a projected restoral date. If the outage is not corrected by the projected date, FOLLOW-UP calls are required daily unless the maintainer establishes a new projected restoral date.
4. Distribution: Not Applicable

1. Title: Long-line (ASOS) Dissemination Records (DID 04)

2. Description/Purpose: A printed copy of weather data transmitted longline via electrical means such as the Automated Surface Observing System. The printout is used to confirm dissemination and to quality control the accuracy of products.

3. Preparation Instructions:

3.1. The contractor shall encode and transmit weather data on ASOS as required by FAA Order 7900.5B.

3.2. The Contractor will use the ASOS to print a copy of all observations that were disseminated during each calendar day (midnight local time to midnight local time). This printout shall include all ASOS observations for the day in chronological order, both augmented and unaugmented. A copy of each day's printout shall be forwarded to the QAE.

3.3. The Contractor shall also have the ASOS print out a Daily Summary that includes maximum/minimum temperatures, maximum wind speed with direction and time, and precipitation totals. Information from the Daily Summary shall be used for Summary of the Day data on FAA Form MF1M-10C (See DID 02). The printout of the Daily Summary shall be attached to the corresponding daily printout of observations.

3.4. The Contractor shall ensure all printed data is legible.

4. Distribution: Not Applicable

1. Title: Local Dissemination Log (DID 05)

2. Description/Purpose: The Local Dissemination Log/Record is used to document voice dissemination of weather information.

3. Preparation Instructions:

3.1. When the contractor must disseminate weather information locally by voice, a record of these disseminations is documented on a Dissemination Log. The Dissemination Log shall contain the following information as a minimum:

- Product Type: Enter acronym for type of product being disseminated, e.g., SA, RS, L, WW, etc.
- Time (Z): Enter time ascribed to the product.
- Initials: Enter initials of person making the dissemination.
- Agency: Enter acronym for the agency the product is disseminated to. The number of Agency columns should be sufficient for all agencies normally requiring dissemination.
- Time (Z): Enter the time the product was disseminated to the agency.
- Initials: Enter initials of person receiving the product.
- Remarks: Enter remarks to explain any delays or non-deliveries, or other pertinent information.

3.2. Each page of the Local Dissemination Log shall have the Day/Month/Year the products were disseminated.

4. Distribution: Not Applicable

1. Title: Weather Watch Advisory Log (AF Form 3806) (DID 06)
2. Description/Purpose: The AF Form 3806 records the text and valid period of weather advisories for a specific area. It also documents dissemination of warning and watch information to requiring agencies.
3. Preparation Instructions:
 - 3.1. The contractor shall prepare, disseminate, and document issuance, correction, and cancellation of observed weather advisories for lightning in conformance with AFMAN 15-129 and as established in the local SOP. All actions (issuance, correction, or cancellation) shall be documented in the Dissemination Section of the AF Form 3806. The pertinent action along with the time (z) and observer's initials shall be recorded in this section, e.g. ISSUED 1750Z/JG, COR 2208Z/ST, or CANX 1743Z/KC.
 - 3.2. Each advisory shall clearly indicate the advisory number, areal coverage, and text.
4. Distribution: Not Applicable

1. Title: Weather Watch/Warning Notification and Verification (AF Form 3807) (DID 07)
2. Description/Purpose: The AF Form 3807 records the text and valid period of weather warnings for a specific area. It also documents dissemination of warning information to requiring agencies.
3. Preparation Instructions:
 - 3.1. The contractor shall prepare, disseminate, and document issuance, correction, and cancellation of observed weather advisories and warnings for lightning in conformance with AFMAN 15-129 and as established in the local SOP. All actions (issuance, correction, or cancellation) shall be documented in the Dissemination Section of the AF Form 3807. The pertinent action along with the time (z) and observer's initials shall be recorded in this section, e.g. ISSUED 1750Z/JG, COR 2208Z/ST, or CANX 1743Z/KC.
 - 3.2. Each warning shall clearly indicate the warning number, areal coverage, and text.
4. Distribution: Not Applicable

TECHNICAL EXHIBIT 5a

GOVERNMENT-FURNISHED FACILITIES

The Contractor shall perform weather observing duties from the Base Operations building at the CRTIC. The Contractor will be provided an area of approximately 150 sq ft located in Base Operations which will be used for the observer and for the contract management office space.

The space will provide optimal visibility of the airfield.

TECHNICAL EXHIBIT 5b**GOVERNMENT FURNISHED EQUIPMENT****1. The National Weather Service/Federal Aviation Administration maintains the following Government-furnished equipment:**

ITEM	Serial#	:
Samsung flat screen OID Monitor	DOC# D0001708299	
AXEL Paltine Terminal 75	B50575C51498	
Kensington Keyboard	E0951A009406	
OID, Operator Interface Device	0FH16800092	
Panasonic KX-3123 Printer	2CMCCB42253	
Panasonic KX-P2180 Printer (back-up)	3FMBMG79063	
WYSE Keyboard(backup)	02525072	
Motorola V.3225 Modem	005301	
Motorola 2440 Modem	005862	
Aneroid Barometer	1211	
Psychrometric Calculator ML-429/UM FSN:	DAAB07-84-P-1906	
Psychrometric Calculator – 29in.	USDOC/WB	
Pressure Reduction Computer APN-85	FSN:6660-00-543-1368	
8 inch ML-17 Rain Gauge & stand	FSN:6660-00-558-0164	
Sling Psychrometer		
Thermometer (spare for Sling Psychrometer)		

2. CRTC/ANG/AF furnished office furniture/weather equipment:

ITEM	Serial#	:
HP Compac Computer	SN/MXL7370GZR	
HP Smart Card Terminal keyboard	BC2AC0CGAUW2TD	
Computer Stand	unk.	
Kestrel 4000 Pocket Weather Tracker	NK0840-539503	
Wet Bulb Temperature Kit (qty-2)	FSN:6665-01-38-3032	
Sacar Tripod	Model TR-2L	
Desk Console with Extension		
Office Chairs (qty-2)		
Book Case	unk.	
Filing cabinet (15"W, 3 drawer)	unk.	

<u>ITEM</u>	<u>Serial#</u>
Filing Cabinet, (18"W, 2 drawer)	unk.
Desk Unit with bookcase top	unk.
Stand, 10 slot clipboard holder	unk.
Telephones:	
AT&T desk Phone model 1545	94-049M
Comdial 2503-BE (TWR Hotline)	481-2303
Panasonic KS-TS6W (RAPCON Hotline)	3GAAA013406
AVAYA 2500YMGP-00 (Secondary Crash Ph)	09SC41001002
Nortell IP Phone 1140E, model NTSY05	NNTM84L0ER8G
Foothill model 210, 3 hole paper punch	unk.
Boston model 2, 2 hole paper punch	unk.
APC Back-UPS, model RS 800	QB0506130889
SkilCraft, model 12 type A clock	105717 2005
Bulletin Board, 24 x 36"	unk.
Rubbermaid model 2956 Trash Can	886876 01883
Refrigerator (34" compact)	make/model/sn unk.
Filing stand, 18" 2 level, document	unk.

The Alpena CRTC, as the host base, is to provide all items outlined in General Section C-3 of the PWS.

In addition, Base Operations is to provide the weather station access and use of their copier, fax machine and any other equipment that enables the weather observer to perform their job effectively.

(End of Summary of Changes)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES
				J	1 3
2. AMENDMENT/MODIFICATION NO. P00008	3. EFFECTIVE DATE 08-Dec-2011	4. REQUISITION/PURCHASE REQ. NO. SEE SCHEDULE	5. PROJECT NO. (If applicable)		
6. ISSUED BY NGB-AQ-AF JOINT BASE ANDREWS 3501 FETCHET AVENUE ANDREWS AFB MD 20762-5157	CODE W9133L	7. ADMINISTERED BY (If other than item 6) NGB-ZC-AQ - W9133L 1411 JEFFERSON DAVIS HWY ARLINGTON VA 22202-3231	CODE	W9133L	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) SKYWATCH RESEARCH, LLC MARGIE HOWARD 212 EGLIN PKWY SE FOR WALTON BEACH FL 32548-5637			9A. AMENDMENT OF SOLICITATION NO.		
			9B. DATED (SEE ITEM 11)		
			X	10A. MOD. OF CONTRACT/ORDER NO. W9133L-11-C-0002	
			X	10B. DATED (SEE ITEM 13) 02-Sep-2010	
CODE 5XWZ5	FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.					
<p>Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:</p> <p>(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
See Schedule					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreements Between Parties					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Modification Control Number: wilsnr12324 See Continuation sheet.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			(b) (6)		
			TEL: 703-807-1226 EMAIL: (b) (6)		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)		BY (b) (6)		15-Dec-2011	
		(Signature of Contracting Officer)			

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA

Record Posted to NGB Reading Room
13 June 14

FAR (48 CFR) 53.243
FOIA Requested Record #J-11-0096
Released by Air National Guard
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SECTION SF 30 BLOCK 14 CONTINUATION PAGE

A. Pursuant To FAR Clause 52.217-9 Option to extend the Terms of the Contract, the purpose of this modification is to extend the term of the contract for the period of 01 October 2011- 31 March 2012. Funding is for only 4 months. Funds are available under a Continuing Resolution Authority (CR) for obligation up to the date of the CRA.

B. The total cost of this contract was increased by \$713,068.30 from \$2,529,141.25 to \$3,242,209.55

C. The PR number for this requirement is F9WFX11335A0001

D. The fund cite for this modification is 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100
ALD:AA FSR: 021555 PSR: F578449 DSR: 157807

ACCOUNTING AND APPROPRIATION

Summary for the Payment Office

As a result of this modification, the total funded amount for this document was increased by \$713,068.30 from \$2,529,141.25 to \$3,242,209.55.

CLIN 1001:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:157807 (CIN F9WFX11335A0010001) was increased by \$148,529.76 from \$74,264.88 to \$222,794.64

CLIN 1002:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:157807 (CIN F9WFX11335A0010002) was increased by \$73,987.48 from \$36,993.74 to \$110,981.22

CLIN 1003:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:157807 (CIN F9WFX11335A0010003) was increased by \$26,758.92 from \$13,379.46 to \$40,138.38

CLIN 1004:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:157807 (CIN F9WFX11335A0010004) was increased by \$86,967.76 from \$43,483.88 to \$130,451.64

CLIN 1005:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:157807 (CIN F9WFX11335A0010005) was increased by \$212,327.00 from \$106,163.50 to \$318,490.50

CLIN 1006:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:157807 (CIN F9WFX11335A0010006) was increased by \$153,357.48 from \$76,678.74 to \$230,036.22

CLIN 1007:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:157807 (CIN F9WFX11335A0010007) was increased by \$434.80 from \$434.80 to \$869.60

CLIN 1008:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:157807 (CIN F9WFX11335A0010008) was increased by \$1,533.40 from \$1,533.40 to \$3,066.80

CLIN 1009:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:157807 (CIN F9WFX11335A0010009) was increased by \$7,296.00 from \$1,824.00 to \$9,120.00

CLIN 1010:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:157807 (CIN F9WFX11335A0010010) was increased by \$495.80 from \$495.80 to \$991.60

CLIN 1011:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:157807 (CIN F9WFX11335A0010011) was increased by \$879.90 from \$879.90 to \$1,759.80

CLIN 1012:

AB: 5723840 582 41TB 131305 010000 559ZZ 53112F 667100 F67100 ALD:AA FSR: 021555 PSR:F57849
DSR:157807 (CIN F9WFX1335A0010012) was increased by \$500.00 from \$1,000.00 to \$1,500.00

(End of Summary of Changes)

SOURCE SELECTION INFORMATION
SEE FAR – 2.101 and 3.104

TAB A TECHNICAL/MANAGEMENT

A-1 Introduction

(b) (3) & (b) (4)



SOURCE SELECTION INFORMATION
SEE FAR – 2.101 and 3.104

Tab A-1

**Pages 563-565 have been withheld
in their entirety pursuant to
5 U.S.C. § 552 (b)(4)**

(Contractor Proposal)

**It is unreasonable to segregate any
portions within this record for release.**