

**Preventive Maintenance Contract
Scope of Work**

For

Air Handling Units

United States Embassy

COTONOU

April 13, 2016

April 13, 2016

Dear Prospective Quoter:

SUBJECT: Solicitation Number SBN15016Q0008 – Air Handling Unit at NEC

The Embassy of the United States of America invites you to submit a quotation for the preventive maintenance of Air Handling Unit at NEC.

Enclosed is a Request for Quotation (RFQ) for the preventive maintenance of the Air Handling Unit at NEC. If you would like to submit a proposal, follow the instructions in Section 4 of the solicitation and complete the required portions of the Standard Form 1449.

Your quotation must be submitted in a sealed envelope marked "Quotation Enclosed" to the attention of:

General Services Officer
Boulevard de la Marina,
01 BP 2012, Cotonou, Benin
CotonouGSOBids@State.gov

On or before 10:00 am local time on April 29, 2016. No quotation will be accepted after this time. Embassy encourages submission of electronic version to the email address cited above.

In order for a quotation to be considered, you must also complete and submit the following:

1. SF-1449
2. Section 1 pricing;
3. Section 5, Representations and Certifications;
4. Additional information as required in Section 3.

The successful offeror(s) will be required to have a DUNS number and be registered in SAM/CCR through the following sites: DUNS – www.dnb.com and SAM/CCR www.sam.gov .

Direct any questions regarding this solicitation to the Contracting Officer Amber J McCoy by letter or by telephone number +229 21-300-650 during regular business hours or by email at CotonouGSOBids@state.gov.

Sincerely,

Amber J McCoy
Contracting Officer

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SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS
OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30

1. REQUISITION NUMBER
PAGE 1 OF 62

2. CONTRACT NO.

3. AWARD/EFFECTIVE

4. ORDER NUMBER

5. SOLICITATION NUMBER
SBN15016Q0008

6. SOLICITATION ISSUE DATE
04/13/2016

7. FOR SOLICITATION INFORMATION CALL

a. NAME
Amber J McCoy

b. TELEPHONE NUMBER (No collect calls)
+229 21 300 650

8. Offer due Date / Local Time
04/29/2016 @ 10:00am

9. ISSUED BY
**American Embassy Cotonou
Marina Avenue
01 BP 2012 RP
Cotonou, Republic of Benin**

10. THIS ACQUISITION IS
 UNRESTRICTED
 SET ASIDE: % FOR
 SMALL BUSINESS BUSINESS EMERGING SMALL
 HUBZONE SMALL BUSINESS SMALL BUSINESS
 SERVICE-DISABLED VETERAN OWNED 8(A)
 NAICS: SIZE STD:

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED
 SEE SCHEDULE

12. DISCOUNT

13a. THIS CONTRACT IS A RATED ORDER
13b. RATING

15. DELIVER TO: Code
**American Embassy Cotonou
Marina Avenue
01 BP 2012**

14. METHOD OF SOLICITATION
 RFQ IFB RFP
16. Administered by:
**General Services Office
COTONOUGSOBIDS@STATE.GOV**

17.a. CONTRACTOR/OFFEROR CODE

18a. PAYMENT WILL BE MADE BY
**Financial Management Office
Rue Caporal Bernard Anani
01 BP 2012 RP
Email: COTONOUDBO@STATE.GOV**

17b CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER

18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED SEE ADDENDUM

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
01	Air Handling Unit Maintenance, base year (Use Reverse and/or Attach Additional Sheets as Necessary)	1	Each		

25. ACCOUNTING AND APPROPRIATION DATA

26. TOTAL AWARD AMOUNT (For Govt. Use Only)

27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA ARE ARE NOT ATTACHED.

27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA ARE ARE NOT ATTACHED.

28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 02 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: REF. 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)

30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)

30c. DATE SIGNED

31b. NAME OF CONTRACTING OFFICER (Type or Print)
Amber J McCoy

31c. DATE SIGNED

SECTION 1 - THE SCHEDULE

1.0 DESCRIPTION

The American Embassy in **Cotonou** requires preventive maintenance services for the air handling units (AHU). These services shall result in all systems being serviced under this agreement being in good operational condition when activated.

1.1. TYPE OF CONTRACT

This is a firm fixed price contract payable entirely in dollars. Prices for all Contract Line Item Numbers (CLIN) shall include proper disposal of toxic substances as per Item 8.4 where applicable. No additional sums will be payable for any escalation in the cost of materials, equipment or labor, or because of the contractor's failure to properly estimate or accurately predict the cost or difficulty of achieving the results required. The contract price will not be adjusted due to fluctuations in currency exchange rates.

1.2. PERIOD OF PERFORMANCE

The contract will be for a period of one-year, with a maximum of four one-year optional periods of performance and will be expected to commence no later than November 2.

2.0 PRICING

The rates below include all costs associated with providing preventive maintenance services in accordance with the attached scope of work, and the manufacturer's warranty including materials, labor, insurance (see FAR 52.228-4 and 52.228-5), overhead, profit and GST (if applicable).

2.1. Base Year. The Contractor shall provide the services shown below for the base period of the contract and continuing for a period of 12 months.

CLIN	Description	Quantity of Equipment	Type of services	No. of service	Unit price / service (\$)	Total per year (\$)
001	Routine Scheduled Maintenance for the Chancery and Marine house AHU	8	Annual	1		
	Total Base Year					

2.2. Option Year 1. The Contractor shall provide the services shown below for Option Year 1 of the contract, and continuing for a period of 12 months.

CLIN	Description	Quantity of Equipment	Type of services	No. of service	Unit price / service (\$)	Total per year (\$)
101	Routine Scheduled Maintenance for the Chancery and Marine house AHU	8	Annual	1		
	Total Option Year 1					

2.3. Option Year 2. The Contractor shall provide the services shown below for Option Year 2 of the contract, and continuing for a period of 12 months.

CLIN	Description	Quantity of Equipment	Type of services	No. of service	Unit price / service (\$)	Total per year (\$)
201	Routine Scheduled Maintenance for the Chancery and Marine house AHU	8	Annual	1		
	Total Option Year 2					

2.4. Option Year 3. The Contractor shall provide the services shown below for Option Year 3 of the contract, and continuing for a period of 12 months

CLIN	Description	Quantity of Equipment	Type of services	No. of service	Unit price / service (\$)	Total per year (\$)
301	Routine Scheduled Maintenance for the Chancery and Marine house AHU	8	Annual	1		
	Total Option Year 3					

2.5. Option Year 4. The Contractor shall provide the services shown below for Option Year 4 of the contract, and continuing for a period of 12 months

CLIN	Description	Quantity of Equipment	Type of services	No. of service	Unit price / service (\$)	Total per year (\$)
401	Routine Scheduled Maintenance for the Chancery and Marine house AHU	8	Annual	1		
	Total Option Year 4					

2.6. Total for all years:

Base Year	\$ _____
Option Year 1	\$ _____
Option Year 2	\$ _____
Option Year 3	\$ _____
Option Year 4	\$ _____
TOTAL	\$ _____

2.7 Repair option. Repairs are NOT included under this agreement (see 7.1.3) and are to be done outside this contract. The contractor shall provide current labor rates for repair work which may be issued to the contractor under a separate purchase order. Please provide your current labor rates in the Repair Option fields below. As stated in 7.1.3 any necessary repairs or parts will be submitted for approval and then billed against a separate PO. The Contractor is not approved to do any additional work without approval.

Repair Labor Rates

Base Year	\$ _____/hr
Option Year 1	\$ _____/hr
Option Year 2	\$ _____/hr
Option Year 3	\$ _____/hr
Option Year 4	\$ _____/hr

3.0 NOTICE TO PROCEED

After Contract award and submission of acceptable insurance certificates and copies of all applicable licenses and permits, the Contracting Officer will issue a Notice to Proceed. The Notice to Proceed will establish a date (a minimum of ten (10) days from date of Contract award unless the Contractor agrees to an earlier date) on which performance shall start.

DESCRIPTION/SPECIFICATION/WORK STATEMENT

4.0 EQUIPMENT AND PERFORMANCE REQUIREMENTS

4.1. The American Embassy in COTONOU requires the Contractor to maintain the following systems in a safe, reliable and efficient operating condition. Please see equipment list included in Exhibit A for a more detailed description.

1) Equipment Description:

- Air Handling Unit – N-AHU-1 Model :TCPAID0212M3020S000
- Air Handling Unit – N-AHU-2 Model: TCPAID0092M3020S000
- Air Handling Unit – N-AHU-3 Model: TCPAID0222M3020S000
- Air Handling Unit – N-AHU-4 Model: TCPAID0212M3020S000
- Air Handling Unit – N-AHU-5 Model: TCPAID0162M3020S000
- Air Handling Unit – N-AHU-6 Model: TCPAID0282M3020S000
- Air Handling Unit – N-AHU-7 Model: TCPAID0242M3020S000
- Air Handling Unit – M-AHU-1 Model: TCPAID013V2M3020S000

4.2. The Contractor shall provide all necessary managerial, administrative and direct labor personnel, as well as all transportation, equipment, tools, supplies and materials required to perform inspection, maintenance, and component replacement as required to maintain the systems in accordance with this work statement. Under this Contract the Contractor shall provide:

- The services of trained and qualified technicians to inspect, adjust, and perform scheduled preventive maintenance.

4.3. Performance Standards

Under this contract the Contractor shall provide the services to maintain the Air Handling Units on a scheduled basis and to inspect equipment operation and perform required preventive maintenance.

5.0 HOURS OF PERFORMANCE

5.1. The Contractor shall maintain work schedules. The schedules shall take into consideration the hours that the staff can effectively perform their services without placing a burden on the security personnel of the Post. The Contractor shall deliver standard services between the hours of [8:00] AM and [5:30] PM Monday through Thursday, and [7:30] AM and [1:30] PM on Fridays. No work shall be performed on US Government and local holidays. Below is a list of the holidays (Check dates in regards to each calendar year this contract covers).

New Year's Day	American
Traditional Religions Day	Beninese
MLK's Birthday	American

Maouloud	Beninese
Washington's Birthday	American
Easter Monday	American
Labor Day	Beninese
Memorial Day	American
Ascension Day	Beninese
Whit Monday	Beninese
Independence Day	American
Ramadan	Beninese
Independence Day	Beninese
Assumption Day	Beninese
Labor Day	American
Tabaski	Beninese
Columbus Day	American
All Saints' Day	Beninese
Veterans' Day	American
Thanksgiving Day	American
Christmas Day	American

6.0 ACCESS TO GOVERNMENT BUILDINGS AND STANDARDS OF CONDUCT

6.1 General. The Contractor shall designate a representative who shall supervise the Contractor's technicians and be the Contractor's liaison with the American Embassy. The Contractor's employees shall be on-site only for contractual duties and not for any other business or purpose. Contractor employees shall have access to the equipment and equipment areas and will be escorted by Embassy personnel.

6.2 Personnel Security. The Government reserves the right to deny access to U.S.-owned and U.S.-operated facilities to any individual. The Contractor shall provide the names, biographic data and police clearance on all Contractor personnel who shall be used on this Contract prior to their utilization. Submission of information shall be made within 5 days of award of contract. **No technician will be allowed on site without prior authorization. Note: this may include cleared personnel if advance notice of visit is not given at least one week before the scheduled visit.**

6.2.1 Vehicles. Contractor vehicles will not be permitted inside the embassy compound without prior approval. If you need to have vehicle access please submit your vehicle information (Make, Model, License Plate #) along with a written justification as to why access is necessary. This should be submitted to the Facility Manager at least one (1) week prior to the visit.

6.2.1 Government shall issue identity cards to Contractor personnel, after they are approved. Contractor personnel shall display identity card(s) on the uniform at all times while providing services under this contract. These identity cards are the property of the US Government. The Contractor is responsible for their return at the end of the contract, when an employee leaves Contractor service, or

at the request of the Government. The Government reserves the right to deny access to U.S.-owned and U.S.-operated facilities to any individual.

6.3 Security Clearances. All Work under this contractor that are designated as non-CAA areas may be performed by un-cleared American or local workers. However, all work done in CAA and PCC areas shall be performed by cleared American Construction personnel as needed to complete the services. The Contractor shall work closely with the COR, the Post Facility Manager [FM] or the General Services Officer [GSO].

6.3.1 The Contractor must comply with all of the following requirements relating to the protection of U.S. Embassy in Conakry, Guinea Diplomatic personnel, property and compound project information and cooperate fully in all security matters Sensitive But Unclassified (SBU) and information that may arise relating to this contract.

Contractor personnel may also be exposed to various documents and signs, including Post notices, event schedules, DoS regulations and conversations or announcements relating to the operation of the U. S. Embassy Conakry and diplomatic personnel. This information should not be shared with anyone not employed by or falling under the protection of the Embassy.

Contractor personnel may be exposed to various documents, such as blueprints, drawings, sketches, notes, surveys, reports, photographs, and specifications, received or generated in conjunction with this contract. These documents contain information associated with diplomatic facilities for the U.S. Department of State. These documents have been marked with the handling designations "Unclassified" or "Sensitive But Unclassified" and US Government warnings against reproduction and distribution. These documents require special handling and dissemination restrictions. All handling designations and warnings on original documents must be reproduced on subsequent copies.

The loss, compromise, or suspected compromise or loss of any SBU information, contract related information (personnel files, payroll information, etc.), any post or diplomatic facility related information (documents, notes, drawings, sketches, surveys, reports, exposed film, negatives, or photographs), or ANY information which may adversely affect the security interests of the United States, must be immediately brought to the attention of the Contracting Officer (CO) and Contracting Officer's Representative (COR).

Photographs of any diplomatic overseas building or facility must be authorized in advance by the COR and Regional Security Officer (RSO), who will establish any controls, limits, and/or restrictions as necessary. Exposed film depicting any Controlled Access Area and/or sensitive equipment must be developed in a U.S.- controlled environment by appropriately cleared personnel. No further dissemination, publication, duplication, or other use beyond that which was requested and approved is authorized without specific, advance approval from DS. DS reserves the right to demand retention of all copies of said photographs and/or negatives, following fulfillment of the previously authorized usage.

Transmission of any information marked Sensitive But Unclassified (SBU) or contract/personnel sensitive information, via the Internet, is prohibited. SBU information can be transmitted via ProjNet, mail, FedEx (or other commercial carrier) or fax, or handcarried by authorized contractor personnel.

Discussion of U.S. Diplomatic post activities while not on post, to include in homes, hotel rooms, restaurants and all other public places, is prohibited. Any contact with host or third country nationals that seems suspicious (such as undue curiosity in the project or project personnel) shall be reported immediately to the COR and RSO.

The Contractor and its employees shall exercise utmost discretion in regard to all matters relating to their duties and functions. They shall not communicate to any person any information known to them by reason of their performance of services under this contract which has not been made public, except to the extent necessary to perform their required duties in the performance of the contract requirements or as provided by written authorization of the Contracting Officer. All documents and records (including photographs) generated during the performance of work under this contract shall be for sole use of and shall become the exclusive property of the U.S. Government. No article, book, pamphlet, recording, broadcast, speech, television appearance, film or photograph concerning any aspect of the work performed under this contract shall be published or disseminated through any media, to include company or personal websites, without the prior written authorization of the Contracting Officer. These obligations do not cease upon the expiration or termination of this contract or at any other point in time. The Contract shall include the substance of this provision in all subcontracts hereunder.

6.4 Standards of Conduct

6.4.1 General. The Contractor shall maintain satisfactory standards of employee competency, conduct, cleanliness, appearance, and integrity and shall be responsible for taking such disciplinary action with respect to employees as may be necessary. Each Contractor employee shall adhere to standards of conduct that reflect credit on themselves, their employer, and the United States Government. The Government reserves the right to direct the Contractor to remove an employee from the worksite for failure to comply with the standards of conduct. The Contractor shall immediately replace such an employee to maintain continuity of services at no additional cost to the Government.

6.4.2 -

6.4.3 Neglect of Duties. Neglect of duties shall not be condoned. This includes sleeping while on duty, unreasonable delays or failures to carry out assigned tasks, conducting personal affairs during duty hours and refusing to render assistance or cooperate in upholding the integrity of the worksite security.

6.4.4 Disorderly Conduct. The Contractor shall not condone disorderly conduct, use of abusive or offensive language, quarreling, and intimidation by words, actions, or fighting. Also included is participation in disruptive activities that interfere with normal and efficient Government operations.

6.4.5 Intoxicants and Narcotics. The Contractor shall not allow its employees while on duty to possess, sell, consume, or be under the influence of intoxicants, drugs or substances which produce similar effects.

6.4.6 Criminal Actions. Contractor employees may be subject to criminal actions as allowed by law in certain circumstances. These circumstances include but are not limited to the following actions: falsification or unlawful concealment, removal, mutilation, or destruction of any official documents or records or concealment of material facts by willful omission from official documents or records; unauthorized use of Government property, theft, vandalism, or immoral conduct; unethical or improper

use of official authority or credentials; security violations; organizing or participating in gambling in any form; and misuse of weapons.

6.4.7 Key Control. The Contractor **will not** be issued any keys. The keys needed to performed work will be provided to your escort.

6.4.8 Notice to the Government of Labor Disputes. The Contractor shall inform the COR of any actual or potential labor dispute that is delaying or threatening to delay the timely performance of this contract.

7.0 SCHEDULED PREVENTIVE MAINTENANCE

7.1. General

7.1.1. The Contractor shall perform preventive maintenance as outlined in Exhibit A - STATEMENT OF WORK. The objective of scheduled preventive maintenance is to eliminate system malfunction, breakdown and deterioration when units are activated/running.

7.1.2. The Contractor shall inventory, supply and replace expendable parts (eg, filters, belts, hoses, gaskets) that have become worn down due to wear and tear. The Contractor shall maintain a supply of expendable and common parts on site so that these are readily available for normal maintenance to include: hoses, belts, oil, chemicals, coolant, filters (Air, Fuel, Oil), grease, sealant, thermostat, fuses; in addition to the appropriate tools, testing equipment, safety shoes and apparel for technicians, personal protective equipment (hands, hearing, eye protection), MSDS, cleaning material and oil spill containment kits. The contractor should inventory the supply after each visit and order replacement supplies and have them delivered on site.

7.1.3. Exclusion. This contract does NOT include repair of equipment and replacement of hardware (e.g. bearings, pistons, piston rings, crankshaft, gears.) **Hardware replacements will be separately priced out by the Contractor for the Government's approval and acceptance.** The Government has the option to accept or reject the Contractor's quote for parts and reserves the right to obtain similar spare parts from other competitive sources. If required by the Government, the Contractor shall utilize Government-purchased spare parts, if awarded the work. Such repairs/replacements will be accomplished by a separate purchase order. However, this exclusion does not apply if the repair is to correct damage caused by Contractor negligence.

7.1.4. Replacement/repair of any electronic or electrical parts must be approved by the COR prior to installation of the part. If the Contractor proceeds to replace any electronic or electrical parts without COR approval, the Contractor shall de-install the parts at no cost to the Government leaving the system(s) in the condition found prior to replacement/repair of electrical parts.

7.2 Checklist Approval

The Contractor shall submit to the COR a schedule and description of preventive maintenance tasks which the Contractor plans to provide. The Contractor shall prepare this schedule and task description in a checklist format for the COR's approval prior to contract work commencement.

7.2.1. The Contractor shall provide trained technicians to perform the service at frequencies stated in Exhibit A and on the equipment called out in this SOW. The technician shall sign off on every item of the checklist and leave a copy of this signed checklist with the COR or the COR's designate after the maintenance visit.

7.2.2. It is the responsibility of the Contractor to perform all manufacturers' recommended preventive maintenance as well as preventive maintenance recommended by the manufacture technical manuals for the respective equipment.

8.0 PERSONNEL, TOOLS, CONSUMABLE MATERIALS AND SUPPLIES

The Contractor shall provide trained technicians with the appropriate tools and testing equipment for scheduled maintenance, safety inspection, and safety testing as required by this Contract. The Contractor shall provide all of the necessary materials and supplies to maintain, service, inspect and test all the systems to be maintained.

8.1 Contractor furnished materials. Will include but not be limited to appropriate tools, testing equipment, safety shoes and apparel for technicians, hands, hearing and eye protection, Material Safety and Data Sheets, cleaning material and oil spill containment kit. Expendable/consumable items (e.g. hoses, belts, oil, chemicals, coolant, filters (Air, Fuel, Oil), generator starting batteries, grease, sealant, thermostat, fuse), will be maintained in the onsite inventory. See 7.1.2.

8.2 Repairs. Repairs are not included in this contract. See Item 7.1.3. Exclusions.

8.3 Disposal of used oil, fuel, battery and other toxic substances. The Contractor is responsible for proper disposal of toxic/hazardous substances. All material shall be disposed of according to Government and Local law. After proper disposal the contractor must show proof of authorized disposal of these toxic/hazardous substances.

9.0 -----

10. DELIVERABLES

The following items shall be delivered under this contract:

Description	QTY	Delivery Date	Deliver to
Names, biographic data, police clearance on Contractor personnel (#6.2)	1	5 days after contract award	COR
Certification of disposal of toxic chemicals by local authorities (#8.3)	1	After each change	COR
Certificate of Insurance (#10.2)	1	10 days after contract award	COR
Applicable permits	1	10 days after contract award	COR
Approved checklist signed by Contractor's employee (#7.2.1)	1	After completion of each maintenance service	COR
Invoice (#15)	1	After completion of each maintenance service	COR

11.0 INSURANCE REQUIREMENTS

11.1 Personal Injury, Property Loss or Damage (Liability). The Contractor assumes absolute responsibility and liability for any and all personal injuries or death and property damage or losses suffered due to negligence of the Contractor's personnel in the performance of this Contract

The Contractor's assumption of absolute liability is independent of any insurance policies.

11.2 Insurance. The Contractor, at its own expense, shall provide and maintain during the entire period of performance of this Contract, whatever insurance is legally necessary. The **Contractor shall carry the following minimum insurance:**

Public Liability Insurance

Bodily Injury	\$10,000 per occurrence	\$20,000	Cumulative
Property Damage	\$8,000 per occurrence	\$16,000	Cumulative

Workers' Compensation and Employer's Liability

11.3 Worker's Compensation Insurance. The Contractor agrees to provide all employees with worker's compensation benefits as required under local laws (see FAR 52.228-4 "Worker's Compensation and War-Hazard Insurance Overseas").

12.0 LOCAL LAW REGISTRATION

If the local law or decree requires that one or both parties to the contract register the contract with the designated authorities to insure compliance with this law or decree, the entire burden of this registration shall rest upon the Contractor. Any local or other taxes which may be assessed against the Contract shall be payable by the Contractor without Government reimbursement.

13.0 QUALITY ASSURANCE PLAN (QAP).

13.1 Plan. This plan is designed to provide an effective surveillance method to promote effective Contractor performance. The QAP provides a method for the Contracting Officer's Representative (COR) to monitor Contractor performance, advise the Contractor of unsatisfactory performance, and notify the Contracting Officer of continued unsatisfactory performance. The Contractor, not the Government, is responsible for management and quality control to meet the terms of the Contract. The role of the Government is to conduct quality assurance to ensure that Contract standards are achieved.

Performance Objective	PWS Para	Performance Threshold
<u>Services.</u> Performs all services set forth in the performance work statement (PWS)	1 thru 12	All required services are performed and no more than one (1) customer complaint is received per month

13.2 Surveillance. The COR will receive and document all complaints from Government personnel regarding the services provided. If appropriate, the COR will send the complaints to the Contractor for corrective action.

13.3 Standard. The performance standard is that the Government receives no more than one (1) customer complaint per month. The COR shall notify the Contracting Officer of the complaints so that the Contracting Officer may take appropriate action to enforce the inspection clause (FAR 52.212-4, Contract Terms and Conditions-Commercial Items), if any of the services exceed the standard.

13.4. Procedures.

13.4.1 If any Government personnel observe unacceptable services, either incomplete work or required services not being performed, they will immediately contact the COR.

13.4.2 The COR will complete appropriate documentation to record the complaint.

13.4.3 If the COR determines the complaint is invalid, the COR will advise the complainant. The COR will retain the annotated copy of the written complaint for his/her files.

13.4.4 If the COR determines the complaint is valid, the COR will inform the Contractor and give the Contractor additional time to correct the defect, if additional time is available. The COR shall determine how much time is reasonable.

13.4.5 The COR shall, as a minimum, orally notify the Contractor of any valid complaints.

13.4.6 If the Contractor disagrees with the complaint after investigation of the site and challenges the validity of the complaint, the Contractor shall notify the COR. The COR will review the matter to determine the validity of the complaint.

13.4.7 The COR will consider complaints as resolved unless notified otherwise by the complainant.

13.4.8. Repeat customer complaints are not permitted for any services. If a repeat customer complaint is received for the same deficiency during the service period, the COR will contact the Contracting Officer for appropriate action under the Inspection clause.

14. TRANSITIONS/CONTACTS

Within [30] business days after contract award, the Contracting Officer may ask the contractor to develop a plan for preparing the contractor to assume all responsibilities for preventive maintenance services. The plan shall establish the projected period for completion of all clearances of contractor personnel, and the projected start date for performance of all services required under this contract. The plan shall assign priority to the selection of all supervisors to be used under the contract.

14.1 On site contact. The following are the designated contact personnel between the US Embassy and the Contractor

- Facility Manager: (Treleaven, David L, +229 97974753, TreleavenDL@state.gov)
- Technical Specialist: (Gamavo, Jonas, +229 97974723, GamavoTJ@state.gov)

15. SUBMISSION OF INVOICES

The Contractor shall submit an invoice within 10 working days after each preventive maintenance service has been performed. Invoices must be accompanied by a signed copy of the Maintenance Checklist for the work performed including parts replacement and break down calls, if any. No invoice for preventive maintenance services will be considered for payment unless accompanied by the relevant documentation.

The Contractor should expect payment 30 days after completion of service or 30 days after receipt of invoice at the Embassy's payment office, whichever is later. US Embassy Cotonou is promoting paperless initiative. Please send your invoice by email to:

COTONOUDBO@STATE.GOV

Attn. Aderomou, Crepin, AderomouCJ@state.gov

Exhibit A - - STATEMENT OF WORK

I. GENERAL INFORMATION:

The United States Embassy in Cotonou requires professional services and contractor cost proposals to perform preventive maintenance services of the facility’s chillers systems.

II. PROJECT REQUIREMENTS:

DESCRIPTION OF EQUIPMENT *:

1) Insert Equipment

<i>Mfter</i>	<i>Eq Model</i>	<i>Number</i>	<i>Name</i>	<i>Location</i>	<i>Tech Capacity</i>
TRANE	TCPAID0212M3020S000	M13L00398	N-AHU-1	NOB 1ST FL MECH RM 11M1	56.3 KW
TRANE	TCPAID0222M3020S000	M13L00400	N-AHU-3	NOB 2ND FL MECH RM 21M1	79.6 KW
TRANE	TCPAID0092M3020S000	M13L00399	N-AHU-2	NOB 1ST FL MECH RM 11M1	30.5 KW
TRANE	TCPAID0212M3020S000	M13L00401	N-AHU-4	NOB 2ND FL MECH RM 21M1	75.5 KW
TRANE	TCPAID0162M3020S000	M13L00402	N-AHU-5	NOB 2ND FL MECH RM 21M1	56.4 KW
TRANE	TCPAID0282M3020S000	M13L00403	N-AHU-6	NOB 3RD FL MECH RM 31M1	102.2 KW
TRANE	TCPAID0242M3020S000	M13L00404	N-AHU-7	NOB 3RD FL MECH RM 31M1	364.5 KW
TRANE	TCPAID013V2M3020S000	M14G00132	M-AHU-1 DX	MSGQ 1ST FL MECH RM M1M1	56.3 KW

III. GENERAL REQUIREMENTS:

The Contractor under this SOW will be responsible for labor, tools, and materials required to carry out all preventive maintenance as outlined in this SOW. Embassy staff has service manuals for all air handling units onsite.

IV. SCOPE OF WORK - - AHU PREVENTIVE MAINTENANCE

Contractor shall provide all materials, supervision, labor, tools and equipment to perform preventive maintenance. All personnel working in the vicinity shall wear and use safety protection while all work is performed. Any questions or injuries **shall** be brought to the attention of the Post Occupation Safety and Health Officer (PSHO). Material Safety Data Sheets (MSDS) shall be provided by the Contractor for all HAZMAT materials. Copies will be provided to the COR for approval.

If any discrepancies are found with the HVAC equipment/systems that are not covered under this scope of work then the contractor must provide the following:

1. Detailed report noting the discrepancy found.

2. Bill of Materials (BOM) to include component name, quantity, part #, and price for any repair material required and material lead time.
3. Price quote for repair labor.

At a minimum, the following work shall be done:

Motor Starter (5 HP to Less Than 100 HP):

Special Instructions-

1. Schedule outage with operating personnel. (minimum 24 hours in advance of planned shutdown)
2. Follow site safety procedures and your supervisor's instructions.
3. De-energize, tag, and lock out circuit. Check for secondary sources of voltage. DANGER – CHECK THAT CIRCUITS ARE DEAD BEFORE STARTING WORK.
4. Record and report to your supervisor any equipment damage or deficiencies found during this maintenance task.
5. Record all test results in the component maintenance log.
6. Obtain and review manufacturer's operation and maintenance instructions.
7. All tests shall conform to the manufacturer's recommended procedures.

Annual Schedule-

1. Complete RCM Procedure CM-0002 (Qualitative Infrared Testing).
2. Visually inspect for broken parts, contact arcing, or any evidence of overheating.
3. Check motor name plate for current rating and controller manufacturer's recommended heater size (report discrepancy to supervisor).
4. Check line and load connections for tightness (check manufacturer's instructions for torque specifications).
5. Check heater mounting screws for tightness.
6. Check all control wiring connections for tightness.
7. On units equipped with motor reversing capacity, check mechanical interlock.
8. On units equipped with two-stage starting, check dash pots and timing controls for proper operation. Adjust as required per the manufacturer's specifications.
9. On units equipped with variable speed starters:
10. Check tightness of connections to resistor bank.
11. Check resistor coils and plates for cracking, broken wires, mounting and signs of overheating. Clean as required.
12. Check tightness of connections to drum controller.
13. Check contacts of drum controller for arcing and overheating. Apply a thin film of lubricant to drum controller contacts and to rotating surfaces.
14. Check starter contact connections by applying a thin film of black contact grease to line and load stabs, operate contacts and check surface contact.
15. Lubricate all moving parts with proper lubricant.

16. Clean interior of cabinet.
17. Clean exterior of cabinet.
18. Energize circuit and check operation of starter and any pilot lights. Replace as required.

Panel, Electronic Controls:

Special Instructions-

1. Schedule outage with operating personnel. (minimum 24 hours in advance of planned shutdown)
2. Record and report equipment damage or deficiencies.
3. Record results in the equipment history log

Annual Inspection-

1. Clean panel interior.
2. Verify functionality of supported devices.
3. Clean ventilation filter and fan (if applicable).
4. Submit a Work Order to correct deficiencies.

2 Year Inspections-

1. Replace battery where applicable.

Annual Schedule (AHU) Direct Drive, Outside Air

Maintenance Task Description:

1. Evaluate filters for replacement.
2. Service the condensate system.
3. Check, clean and inspect the air handling unit.

Procedures:

1. Pre-work operational tests with unit operating:
 - a. Check for unusual noise, vibration or leakage.
 - b. Perform vibration analysis. Record corrective measures if needed.
 - c. Perform thermal analysis. Record corrective measures if needed.
2. Stop the unit and service the unit casing and ducting:
 - a. Clean interior and exterior of unit with wiping cloth and a vacuum.
 - b. Inspect panels for damage.
 - c. Check and repair damaged insulation.
 - d. Check doors, handles, latches and hinges for proper operation.
 - e. Inspect door gaskets for damage and proper seal.

- f. Check soundness of the unit structure.
 - g. Check, clean, and adjust grills, dampers, vanes, linkages as required.
 - h. Check damper actuators and linkage for proper operation. Adjust linkage on dampers if out of alignment.
 - i. Inspect and lubricate mechanical connections of dampers sparingly if necessary.
 - j. Inspect air hood and air louvers for damage and debris.
 - k. Inspect bird screens for damage and debris. Remove dead birds.
 - l. Inspect mist eliminators for damage, dirt and debris.
3. Service the unit fans:
 - a. Check fan housing, wheel, shaft, frame, and inlet vanes for damage, wear, loose parts, dirt and debris.
 - b. Check fan blades for dust buildup and clean if necessary.
 - c. Check fan blades and moving parts for cracks and excessive wear.
 - d. Check mounting bolts, set screws, etc. for security.
 4. Service the coils and fluid systems:
 - a. Inspect and clean coils if required. Don't use a pressure washer.
 - b. Check coils for leaking and adjust tightness of fittings when required. On direct expansion units, check for refrigerant leaks on all lines, valves, fittings, coils, etc. Submit a work order to repair any leaks found.
 - c. Use fin comb to straighten coil fins. (If required)
 - d. Flush and clean condensate pans and drains, remove all rust, prepare metal and paint where required. Treat condensate pans with an EPA approved biocide.
 - e. Ensure condensate drain lines are clear and free running. Service condensate pumps, if equipped.
 - f. Check and clean strainers.
 - g. Cycle all water valves two times.
 - h. Check filters and change if necessary.
 5. Service the motors:
 - a. Clean exterior of motor surfaces of soil accumulation.
 - b. Clean motor ventilation ports.
 - c. Check condition of extended lubrication lines when present.
 - d. Evaluate motor bearings and lubricate if necessary. (See manufacturer literature)
 - e. Check adjustable fan motor base and mounting hardware for loose parts. Tighten as necessary.
 - f. Check adjustable fan motor base for damage.
 - g. Check grounding straps for tightness.
 - h. Check motor insulation resistance. (Do not megger check variable speed drive units.)
 - i. Check for any other damage.
 6. Perform operational and running checks:
 - a. Check for unusual noise, vibration or leakage.
 - b. Check unit sensors for proper readout at the building automation system.
 - c. Perform vibration and thermal analysis to verify correction of any pre-test problems.
 - d. Record motor running amps at 100 percent frequency and air loading.
 7. Restore unit to service.
 8. Clean up work area and remove trash.

Maintenance Task Description:

1. Evaluate filters for replacement.
2. Service the condensate system.
3. Check, clean and inspect the air handling unit.

Procedures:

- 1) Pre-work operational tests with unit operating:
 - a. Check for unusual noise, vibration or leakage.
 - b. Perform vibration analysis. Record corrective measures if needed.
 - c. Perform thermal analysis. Record corrective measures if needed.
- 2) Stop the unit and service the unit casing and ducting:
 - a. Clean interior and exterior of unit with wiping cloth and a vacuum.
 - b. Inspect panels for damage.
 - c. Check and repair damaged insulation.
 - d. Check doors, handles, latches and hinges for proper operation.
 - e. Inspect door gaskets for damage and proper seal.
 - f. Check soundness of the unit structure.
 - g. Check, clean, and adjust grills, dampers, vanes, linkages as required.
 - h. Check damper actuators and linkage for proper operation. Adjust linkage on dampers if out of alignment.
 - i. Inspect and lubricate mechanical connections of dampers sparingly if necessary.
 - j. Inspect air hood and air louvers for damage and debris.
 - k. Inspect bird screens for damage and debris. Remove dead birds.
 - i. Inspect mist eliminators for damage, dirt and debris.
- 3) Service the unit fans:
 - a. Check fan housing, wheel, shaft, frame, and inlet vanes for damage, wear, loose parts, dirt and debris.
 - b. Check fan blades for dust buildup and clean if necessary.
 - c. Check fan blades and moving parts for cracks and excessive wear.
 - d. Check mounting bolts, set screws, etc. for security.
- 4) Service the coils and fluid systems:
 - a. Inspect and clean coils if required. Don't use a pressure washer.
 - b. Check coils for leaking and adjust tightness of fittings when required. On direct expansion units, check for refrigerant leaks on all lines, valves, fittings, coils, etc. Submit a work order to repair any leaks found.
 - c. Use fin comb to straighten coil fins. (If required)
 - d. Flush and clean condensate pans and drains, remove all rust, prepare metal and paint where required. Treat condensate pans with an EPA approved biocide.
 - e. Ensure condensate drain lines are clear and free running. Service condensate pumps, if equipped.
 - f. Check and clean strainers.
 - g. Cycle all water valves two times.
 - h. Check filters and change if necessary (pre-filters only on chem/bio units).
- 5) Service the motors:
 - a. Clean exterior of motor surfaces of soil accumulation.
 - b. Clean motor ventilation ports.
 - c. Check condition of extended lubrication lines when present.

- d. Evaluate motor bearings and lubricate if necessary. (See manufacturer literature)
 - e. Check adjustable fan motor base and mounting hardware for loose parts. Tighten as necessary.
 - f. Check adjustable fan motor base for damage.
 - i. Check grounding straps for tightness.
 - ii. Check motor insulation resistance. (Do not megger check variable speed drive units.)
- 6) Perform operational and running checks:
- a. Check for unusual noise, vibration or leakage.
 - b. Check unit sensors for proper readout at the building automation system.
 - c. Perform vibration and thermal analysis to verify correction of any pre-test problems.
 - d. Record motor running amps at 100 percent frequency and air loading.
- 7) Restore unit to service.
- 8) Clean up work area and remove trash.

Equipment List:



Job: USE BENIN
EQ Number: 16837
Date: 10/14/2013
Revision 0

Fan	Unit No.	Fan Tag	Service	Total L/S	Fan TSP, (Pa)	Elevation, M	RPM	Brake KW	Motor Nominal KW	AMCA Class	Manufacturer & Model	Fan Size
	N-AHU-1	3F-N-1	Supply	3402	1876	0	2953	9.40	11.20	III	Twin City EPFN	182
	Unit No.	Fan Tag	Motor Manufacturer	Motor Model Number	Volts/PH/Hz	Motor Enclosure	Motor Efficiency	Isolator Type	Feature Codes	Wheel Width, %	Wheel Diameter, %	
	N-AHU-1	3F-N-1	Baldor	Custom	400/3/50	TEFC	Premium	AMGR-2D	IS WC PZ EL GG	100	101	
Cooling Coil	Unit No.	Coil Tag	Air Flow, (L/S)	Face Velocity, (M/S)	No. Coils	Model No. and Size, HKW	Rows	Fin's per cm	Capacity TOTAL/SENSIBLE, KW	Turbulators		
	N-AHU-1	CC-1	3402	1.77	1	SWH1104C 1219.2 x 1574.8	4	4.30	56.6/145.63	No		
Unit No.	Coil Tag	Fin Design	Air Ent Temp DB/WB (C)	Air Lvg Temp DB/WB (C)	Fluid Ent Temp/Lvgng Temp (C)	Flow Rate (L/S)	Fluid Press Drop (KPa)	APD (Pa)				
N-AHU-1	CC-1	Wave	20.80/14.90	9.83/9.20	5.56/12.10	2.1	32.0	100				
Unit No.	Coil Tag	Fluid	Fin Material	Tube Material	Casing Material	Intermediate Drain	Coating	Altitude (M)	Manufacturer	Model		
N-AHU-1	CC-1	Water	Copper, .19mm	Copper, .9mm	SS	N/A	N/A	1400	HEATCRAFT	SWH1104C 1219.2 x 1574.8		
Prefilters/Depth	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
MERV 13/300mm	N-AHU-1	Pleated	2	3402	1.53	6	F-12	SS Type 8	Flanders	PRP85G4412H	Dwyer 605, 500 Pa	Upstream
HEPA Filters	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
99.97%	N-AHU-1	HEPA	2	3402	1.53	6	Flanders	Flanders KF	Flanders	T-007-W-08-05-1U-51-E3-GG-F	Dwyer 605, 500 Pa	Upstream
HEGA Filters	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
	N-AHU-1	HEGA	2	3402	1.53	6	Flanders	Flanders KF	Flanders	AF-GG19-121-TP	Dwyer 605, 1000 Pa	Slide
Post Filters/Depth	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
MERV 11/100mm	N-AHU-1	Pleated	2	3402	1.53	6	Flanders	Flanders KF	Flanders	85755.042424M11	N/A	Slide

Feature Codes			
IV	Inlet Vanes	CF	Companion Flange
IS	Inlet Screen	WC	Wheel Cage
OG	Outlet Screen	DE	Duct Equalizer
UB	Unitary Base	DEF	Duct Equalizer /w Flange
IB	Inertia Base	SSO	Short Silencer (outlet)
EL	Extended Lube Fittings	LBO	Long Silencer (outlet)
LLX	Lube Lines to Case Exterior	OG	OSHA Drive Guard
SP	Special Coatings	TR	Thrust Restraints
			FF Front Flange

Initial				Final			
N-AHU-1	Airflow	3403 L/s	7210 cfm	N-AHU-1	Airflow	3403 L/s	7210 cfm
		Filters	6			Filters	6
	12" 85%	87.18 pa	0.39 w.g.		12" 85%	224.3 pa	0.90 w.g.
	Hepa Filter	232.12 pa	0.93 w.g.		Hepa Filter	299.0 pa	1.20 w.g.
	Carbon Filtr	268.18 pa	1.04 w.g.		Carbon Filter	259.2 pa	1.04 w.g.
	Post Filter	37.38 pa	0.15 w.g.		Post Filter	0.0 pa	0.00 w.g.
	Cooling Co	88.64 pa	0.40 w.g.		Cooling Coil	99.5 pa	0.40 w.g.
	ESP	896.38 pa	4.00 w.g.		ESP	995.4 pa	4.00 w.g.
	Total pa.	1720.78 Calculated	6.91 Calculated		Total pa.	1877.3 Calculated	7.54 Calculated



Job: UGE BENIN
EQ Number: 16837
Date: 10/14/2013
Revision 0

Fan	Unit No.	Fan Tag	Service	Total L/S	Fan TSP ₁ (Pa)	Elevation, M	RPM	Brake KW	Motor Nominal KW	AMCA Class	Manufacturer & Model	Fan Size
	N-AHU-2	SF-N-2	Supply	1869	2155	0	2969	5.79	7.50	III	Twin City EPFN	182
	Unit No.	Fan Tag	Motor Manufacturer	Motor Model Number	Volts/PH/Hz	Motor Enclosure	Motor Efficiency	Isolator Type	Feature Codes	Wheel Width, %	Wheel Diameter, %	
	N-AHU-2	SF-N-2	Baldor	Custom	400/3/50	TEFC	Premium	AMSR-2D	IS WC PZ EL GG	66	100	
Cooling Coil	Unit No.	Coil Tag	Air Flow, (L/S)	Face Velocity, (M/S)	No. Coils	Model No. and Size, HXW	Rows	Fin pitch, cm	Capacity TOTAL/SENSIBLE, KW	Turbulators		
	N-AHU-2	CC-2	1869	2.22	1	SWED905C 533.4 x 1574.8	5	3.54	30.49/27.02	No		
	Unit No.	Coil Tag	Fin Desgn	Air Ent Temp DB/WB (C)	Air Lvg Temp DB/WB (C)	Fluid Ent Temp/Lvg Temp (C)	Flow Rate (L/S)	Fluid Press Drop (KPa)	APD (Pa)			
	N-AHU-2	CC-2	Wave	21.72/14.78	9.89/9.17	5.56/12.03	1.1	49.2	150			
	Unit No.	Coil Tag	Fluid	Fin Material	Tube Material	Casing Material	Intermediate Drain	Coating	Altitude (M)	Manufacturer	Model	
	N-AHU-2	CC-2	Water	Copper, .19mm	Copper, .9mm	GG	N/A	N/A	1400	HEATCRAFT	SWED905C 533.4 x 1574.8	
Prefilters/Depth	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
MERV 13/300mm	N-AHU-2	Pleated	2	1869	1.68	3	F-12	GG Type 8	Flanders	PRP85G4412H	Dwyer 605, 500 Pa	Upstream
HEPA Filters	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
99.97%	N-AHU-2	HEPA	2	1869	1.68	3	Flanders	Flanders KF	Flanders	T-007-W-09-05-U-51-E3-GG-F	Dwyer 605, 500 Pa	Upstream
HEGA Filters	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
	N-AHU-2	HEGA	2	1869	1.68	3	Flanders	Flanders KF	Flanders	AF-GG19-121-TP	Dwyer 605, 1000 Pa	Side
Post Filters/Depth	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
MERV 11/100mm	N-AHU-2	Pleated	2	1869	1.68	3	Flanders	Flanders KF	Flanders	85755.042424M11	N/A	Side

Feature Codes

IV	Inlet Vanes	CP	Companion Flange	FF	Front Flange
IS	Inlet Screen	WC	Wheel Cage		
OG	Outlet Screen	DE	Duct Equalizer		
UB	Unitary Base	DEF	Duct Equalizer w/ Flange		
IB	Inertia Base	SSO	Short Silencer (outlet)		
EL	Extended Lube Fittings	LSD	Long Silencer (outlet)		
LLX	Lube Lines to Case Exterior	OG	OSHA Drive Guard		
SP	Special Coatings	TR	Thrust Restraints		

Initial	Final
N-AHU-2	N-AHU-2
Airflow	Airflow
1888 L/s	1888 L/s
Filters	Filters
3	3
3960 cfm	3960 cfm
12" 85%	12" 85%
108.76 pa	248.4 pa
Hepa Filter	Hepa Filter
264.88 pa	328.6 pa
Carbon Filtr	Carbon Filter
284.88 pa	284.7 pa
Post Filter	Post Filter
41.88 pa	0.0 pa
Cooling Co	Cooling Coil
148.82 pa	148.8 pa
ESP	ESP
886.88 pa	886.4 pa
Total pa.	Total pa.
1828.67 Calculated	2001.7 Calculated
7.35 Calculated	8.04 Calculated



Job: USE BENIN
EQ Number: 16837
Date: 10/14/2013
Revision: 0

Fan	Unit No.	Fan Tag	Service	Total L/G	Fan TSP, (Pa)	Elevation, M	RPM	Brake KW	Motor Nominal KW	AMCA Class	Manufacturer & Model	Fan Size
	N-AHU-3	SF-N-3	Supply	4646	2210	0	2976	15.18	18.60	III	Twin City EPPN	200
	Unit No.	Fan Tag	Motor Manufacturer	Motor Model Number	Volts/PH/Hz	Motor Enclosure	Motor Efficiency	Isolator Type	Feature Codes	Wheel Width, %	Wheel Diameter, %	
	N-AHU-3	SF-N-3	Baldor	Custom	400/3/50	TEFC	Premium	AMDR-2D	IS WC FZ EL SG	100	101	
Cooling Coil	Unit No.	Coil Tag	Air Flow, (L/G)	Face Velocity, (M/S)	No. Coils	Model No. and Size, HXW	Rows	Finns per cm	Capacity TOTAL/SENSIBLE, KW	Turbulators		
	N-AHU-3	CC-3	4646	2.31	1	SWH1104C 1219.2 x 1651.0	4	4.30	79.69/73.21	Yes		
	Unit No.	Coil Tag	Fin Design	Air Ent Temp DB/WB (C)	Air Lvg Temp DB/WB (C)	Fluid Ent Temp/Lvg Temp (C)	Flow Rate (L/G)	Fluid Press Drop (KPa)	APD (Pa)			
	N-AHU-3	CC-3	Wave	22.72/14.89	9.83/6.97	5.56/12.00	3.0	57.3	150			
	Unit No.	Coil Tag	Fluid	Fin Material	Tube Material	Casing Material	Intermediate Drain	Coating	Altitude (M)	Manufacturer	Model	
	N-AHU-3	CC-3	Water	Copper, .15mm	Copper, .9mm	GG	N/A	N/A	1400	HEATCRAFT	SWH1104C 1219.2 x 1651.0	
Prefilters/Depth	Unit No.	Filter Type	UL Class	L/G	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
MERV 13/300mm	N-AHU-3	Pleated	2	4646	2.08	6	F-12	GG Type 8	Flanders	PRP85G4412H	Dwyer 605, 500 Pa	Upstream
HEPA Filters	Unit No.	Filter Type	UL Class	L/G	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
99.97%	N-AHU-3	HEPA	2	4646	2.08	6	Flanders	Flanders KF	Flanders	T-007-W-09-05-IU-51-E3-GG-F	Dwyer 605, 500 Pa	Upstream
HEGA Filters	Unit No.	Filter Type	UL Class	L/G	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
	N-AHU-3	HEGA	2	4646	2.08	6	Flanders	Flanders KF	Flanders	AF-GG19-121-TP	Dwyer 605, 1000 Pa	Side
Post Filters/Depth	Unit No.	Filter Type	UL Class	L/G	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
MERV 11/100mm	N-AHU-3	Pleated	2	4646	2.08	6	Flanders	Flanders KF	Flanders	85755.042424M11	N/A	Side

Feature Codes					
IV	Inlet Vanes	CF	Companion Flange	FF	Front Flange
IS	Inlet Screen	WC	Wheel Cage		
OS	Outlet Screen	DE	Duct Equalizer		
UB	Unitary Base	DEF	Duct Equalizer w/ Flange		
IB	Inertia Base	SSO	Short Silencer (outlet)		
EL	Extended Lube Fittings	LGO	Long Silencer (outlet)		
LLX	Lube Lines to Case Exterior	OG	OSHA Drive Guard		
SP	Special Coatings	TR	Thrust Restraints		

Initial				Final					
N-AHU-3	Airflow	4646 L/s	Filters	9845 cfm	N-AHU-3	Airflow	4646 L/s	Filters	9845 cfm
	12" 85%	132.70 pa	6	0.53 w.g.		12" 85%	308.2 pa	6	1.23 w.g.
	Hepa Filter	316.96 pa		1.27 w.g.		Hepa Filter	408.3 pa		1.54 w.g.
	Carbon Filtr	363.87 pa		1.42 w.g.		Carbon Filter	368.9 pa		1.42 w.g.
	Post Filter	61.04 pa		0.21 w.g.		Post Filter	0.0 pa		0.00 w.g.
	Cooling Co	146.82 pa		0.59 w.g.		Cooling Coil	148.8 pa		0.59 w.g.
	ESP	896.38 pa		4.00 w.g.		ESP	896.4 pa		4.00 w.g.
	Total pa.	1866.77 Calculated		8.02 Calculated		Total pa.	2210.6 Calculated		8.88 Calculated



Job: USE BENIN
EQ Number: 16837
Date: 10/14/2013
Revision 0

Fan	Unit No.	Fan Tag	Service	Total L/G	Fan TSP, (Pa)	Elevation, M	RPM	Brake KW	Motor Nominal KW	AMCA Class	Manufacturer & Model	Fan Size
	N-AHU-4	SF-N-4	Supply	4684	2232	0	2994	15.46	18.50	III	Twin City EPFN	200
	Unit No.	Fan Tag	Motor Manufacturer	Motor Model Number	Volts/PH/Hz	Motor Enclosure	Motor Efficiency	Isolator Type	Feature Codes	Wheel Width, %	Wheel Diameter, %	
	N-AHU-4	SF-N-4	Baldor	Custom	400/3/60	TEFC	Premium	AMSR-2D	IS WC FZ EL SG	100	101	
Cooling Coil	Unit No.	Coil Tag	Air Flow, (L/S)	Face Velocity, (M/S)	No. Coils	Model No. and Size, HXW	Rows	Fins per cm	Capacity TOTAL/SENSIBLE, KW	Turbulators		
	N-AHU-4	CC-4	4684	2.44	1	SWH1104C 1219.2 x 1574.8	4	4.30	75.58/67.29	Yes		
Unit No.	Coil Tag	Fin Design	Air Ent Temp DB/WS (C)	Air Lvg Temp DB/WS (C)	Fluid Ent Temp/Lvg Temp (C)	Flow Rate (L/S)	Fluid Press Drop (KPa)	APD (Pa)				
N-AHU-4	CC-4	Wave	21.72/14.72	9.97/9.17	5.56/12.03	2.8	49.8	160				
Unit No.	Coil Tag	Fluid	Fin Material	Tube Material	Casing Material	Intermediate Drain	Coating	Altitude (M)	Manufacturer	Model		
N-AHU-4	CC-4	Water	Copper, .19mm	Copper, .9mm	SS	N/A	N/A	1400	HEATCRAFT	SWH1104C 1219.2 x 1574.8		
Prefilters/Depth	Unit No.	Filter Type	UL Class	L/G	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
MERV 13/300mm	N-AHU-4	Pleated	2	4684	2.10	6	F-12	SS Type 8	Flanders	PRP85G4412H	Dwyer 605, 500 Pa	Upstream
HEPA Filters	Unit No.	Filter Type	UL Class	L/G	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
99.97%	N-AHU-4	HEPA	2	4684	2.10	6	Flanders	Flanders KF	Flanders	T-007-W-09-05-IU-51-E3-GG-F	Dwyer 605, 500 Pa	Upstream
HEGA Filters	Unit No.	Filter Type	UL Class	L/G	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
	N-AHU-4	HEGA	2	4684	2.10	6	Flanders	Flanders KF	Flanders	AF-GG19-121-TF	Dwyer 605, 1000 Pa	Side
Post Filters/Depth	Unit No.	Filter Type	UL Class	L/G	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
MERV 11/100mm	N-AHU-4	Pleated	2	4684	2.10	6	Flanders	Flanders KF	Flanders	85755.043424M11	N/A	Side

Feature Codes			
IV	Inlet Vanes	CF	Companion Flange
IS	Inlet Screen	WC	Wheel Cage
OS	Outlet Screen	DE	Duct Equalizer
UB	Unitary Base	DEF	Duct Equalizer /w Flange
IB	Inertia Base	SSO	Short Silencer (outlet)
EL	Extended Lube Fittings	LBO	Long Silencer (outlet)
LLX	Lube Lines to Case Exterior	OS	OSHA Drive Guard
SP	Special Coatings	TR	Thrust Restraints
		FF	Front Flange

Initial				Final					
N-AHU-4	Airflow	4684 L/s	Filters	9925 cfm	N-AHU-4	Airflow	4684 L/s	Filters	9925 cfm
	12" 85%	188.78 pa	6	0.54 w.g.		12" 85%	308.7 pa	6	1.24 w.g.
	Hepa Filter	318.63 pa		1.28 w.g.		Hepa Filter	411.8 pa		1.65 w.g.
	Carbon Filtr	368.76 pa		1.43 w.g.		Carbon Filter	368.7 pa		1.43 w.g.
	Post Filter	61.46 pa		0.21 w.g.		Post Filter	0.0 pa		0.00 w.g.
	Cooling Co	168.28 pa		0.64 w.g.		Cooling Coil	169.3 pa		0.64 w.g.
	ESP	896.38 pa		4.00 w.g.		ESP	896.4 pa		4.00 w.g.
	Total pa.	2016.16 Calculated		8.10 Calculated		Total pa.	2281.7 Calculated		8.97 Calculated



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Fan	Unit No.	Fan Tag	Service	Total L/S	Fan TSP (Pa)	Elevation, M	RPM	Brake KW	Motor Nominal KW	AMCA Class	Manufacturer & Model	Fan Size
	N-AHU-5	SF-N-5	Supply	3282	2033	0	2951	9.76	11.20	III	Twin City EPFN	182
	Unit No.	Fan Tag	Motor Manufacturer	Motor Model Number	Volts/FH/Hz	Motor Enclosure	Motor Efficiency	Isolator Type	Feature Codes	Wheel Width, %	Wheel Diameter, %	
	N-AHU-5	SF-N-5	Baldor	Custom	400/3/50	TEFC	Premium	AMSR-2D	IS WC PZ EL SG	104	101	
Cooling Coil	Unit No.	Coil Tag	Air Flow, (L/S)	Face Velocity, (M/S)	No. Coils	Model No. and Size, HXW	Rows	Finns per cm	Capacity TOTAL/SENSIBLE, KW	Turbulators		
	N-AHU-5	CC-5	3282	2.26	1	SWE1005C 1143.0 x 1270.0	5	4.30	56.41/53.12	No		
Unit No.	Coil Tag	Fin Design	Air Ent Temp DB/WB (C)	Air Lvg Temp DB/WB (C)	Fluid Ent Temp/Lvng Temp (C)	Flow Rate (L/S)	Fluid Press Drop (KPa)	APD (Pa)				
N-AHU-5	CC-5	Wave	22.78/14.78	9.54/8.82	5.56/12.15	2.0	41.7	160				
Unit No.	Coil Tag	Fluid	Fin Material	Tube Material	Casing Material	Intermediate Drain	Coating	Altitude (M)	Manufacturer	Model		
N-AHU-5	CC-5	Water	Copper, .19mm	Copper, .9mm	GG	N/A	N/A	1400	HEATCRAFT	SWE1005C 1143.0 x 1270.0		
Prefilters/Depth	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
MERV 13/300mm	N-AHU-5	Pleated	2	3282	1.47	6	F-12	GG Type 8	Flanders	PRP85G4412H	Dwyer 605, 500 Pa	Upstream
HEPA Filters	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
99.97%	N-AHU-5	HEPA	2	3282	1.47	6	Flanders	Flanders KF	Flanders	T-007-W-09-05-IU-51-E3-GG-F	Dwyer 605, 500 Pa	Upstream
HEGA Filters	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
	N-AHU-5	HEGA	2	3282	1.47	6	Flanders	Flanders KF	Flanders	AF-GG19-121-TP	Dwyer 605, 1000 Pa	Side
Post Filters/Depth	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
MERV 11/100mm	N-AHU-5	Pleated	2	3282	1.47	6	Flanders	Flanders KF	Flanders	85755.042424M11	N/A	Side

Feature Codes					
IV	Inlet Vanes	CF	Companion Flange	FF	Front Flange
IS	Inlet Screen	WC	Wheel Cage		
OG	Outlet Screen	DE	Duct Equalizer		
UB	Unitary Base	DEF	Duct Equalizer /w Flange		
IB	Inertia Base	SSO	Short Silencer (outlet)		
EL	Extended Lube Fittings	LBO	Long Silencer (outlet)		
LLX	Lube Lines to Case Exterior	OG	OSHA Drive Guard		
SP	Special Coatings	TR	Thrust Restraints		

Initial				Final			
N-AHU-5	Airflow	3282 L/s	Filters	N-AHU-5	Airflow	3282 L/s	Filters
			6				6
	12" 85%	80.76 pa			12" 85%	218.3 pa	
	Hepa Filter	223.81 pa	0.38 w.g.		Hepa Filter	288.4 pa	0.87 w.g.
	Carbon Filtr	248.89 pa	0.90 w.g.		Carbon Filter	260.0 pa	1.16 w.g.
	Post Filter	38.08 pa	1.00 w.g.		Post Filter	0.0 pa	1.00 w.g.
	Cooling Co	184.24 pa	0.14 w.g.		Cooling Coil	184.2 pa	0.00 w.g.
	ESP	896.38 pa	0.66 w.g.		ESP	896.4 pa	0.66 w.g.
			4.00 w.g.				4.00 w.g.
	Total pa.	1785.33 Calculated	7.09 Calculated		Total pa.	1814.4 Calculated	7.69 Calculated



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Fan	Unit No.	Fan Tag	Service	Total L/S	Fan TSP (Pa)	Elevation, M	RPM	Brake KW	Motor Nominal KW	AMCA Class	Manufacturer & Model	Fan Size
	N-AHU-6	GF-N-6	Supply	5889	2128	0	2942	18.46	22.40	III	Twin City EPFN	222
	Unit No.	Fan Tag	Motor Manufacturer	Motor Model Number	Volts/PH/Hz	Motor Enclosure	Motor Efficiency	Isolator Type	Feature Codes	Wheel Width, %	Wheel Diameter, %	
	N-AHU-6	GF-N-6	Baldor	Custom	400/3/50	TEFC	Premium	AMGR-2D	IG WC PZ EL GG	84	100	
Cooling Coil	Unit No.	Coil Tag	Air Flow, (L/S)	Face Velocity, (M/S)	No. Coils	Model No. and Size, HWX	Rows	Fins per cm	Capacity TOTAL/SENSIBLE, KW	Turbulators		
	N-AHU-6	CC-6	5889	2.24	1	SWG14048 1219.2 x 2159.0	4	5.50	102.3/94.05	No		
Unit No.	Coil Tag	Fin Design	Air Ent Temp DB/WB (C)	Air Lvg Temp DB/WB (C)	Fluid Ent Temp/Lvng Temp (C)	Flow Rate (L/S)	Fluid Press Drop (KPa)	APD (Pa)				
N-AHU-6	CC-6	Wave	23.00/15.00	9.94/9.03	5.56/12.05	3.8	55.1	120				
Unit No.	Coil Tag	Fluid	Fin Material	Tube Material	Casing Material	Intermediate Drain	Coating	Altitude (M)	Manufacturer	Model		
N-AHU-6	CC-6	Water	Copper, .19mm	Copper, .3mm	SS	N/A	N/A	1400	HEATCRAFT	SWG14048 1219.2 x 2159.0		
Prefilters/Depth	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
MERV 13/300mm	N-AHU-6	Pleated	2	5889	2.64	6	F-12	GG Type 8	Flanders	PRP85G4412H	Dwyer 605, 500 Pa	Upstream
HEPA Filters	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
99.97%	N-AHU-6	HEPA	2	5889	2.64	6	Flanders	Flanders KF	Flanders	T-007-W-08-05-U-51-E3-GG-F	Dwyer 605, 500 Pa	Upstream
HEGA Filters	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
	N-AHU-6	HEGA	2	5889	2.64	6	Flanders	Flanders KF	Flanders	AF-GG19-121-TF	Dwyer 605, 1000 Pa	Side
Post Filters/Depth	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
MERV 11/100mm	N-AHU-6	Pleated	2	5889	2.64	6	Flanders	Flanders KF	Flanders	85755.043424M11	N/A	Side

Feature Codes			
IV	Inlet Vanes	CF	Companion Flange
IS	Inlet Screen	WC	Wheel Cage
OG	Outlet Screen	DE	Duct Equalizer
UB	Unitary Base	DEF	Duct Equalizer w/ Flange
IS	Inertia Base	SSO	Short Silencer (outlet)
EL	Extended Lube Fittings	LSO	Long Silencer (outlet)
LLX	Lube Lines to Case Exterior	OG	OSHA Drive Guard
SP	Special Coatings	TR	Thrust Restraints
		FF	Front Flange

Initial				Final					
N-AHU-6	Airflow	6890 L/s	Filters	12480 cfm	N-AHU-6	Airflow	6890 L/s	Filters	12480 cfm
	12" 85%	128.18 pa	8	0.51 w.g.		12" 85%	281.1 pa	8	1.17 w.g.
	Hepa Filter	301.34 pa		1.21 w.g.		Hepa Filter	388.2 pa		1.56 w.g.
	Carbon Filtr	336.44 pa		1.35 w.g.		Carbon Filter	336.4 pa		1.35 w.g.
	Post Filter	48.62 pa		0.20 w.g.		Post Filter	0.0 pa		0.00 w.g.
	Cooling Co	118.88 pa		0.47 w.g.		Cooling Coil	117.0 pa		0.47 w.g.
	ESP	995.38 pa		4.00 w.g.		ESP	995.4 pa		4.00 w.g.
	Total pa.	1924.81 Calculated		7.73 Calculated		Total pa.	2128.1 Calculated		8.55 Calculated



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Fan	Unit No.	Fan Tag	Service	Total L/S	Fan TSP, (Pa)	Elevation, M	RPM	Brake KW	Motor Nominal KW	AMCA Class	Manufacturer & Model	Fan Size	
	N-AHU-7	SF-N-7	Supply	4658	2130	1400	2976	14.41	11.20	III	Twin City EPFN	200	
	Unit No.	Fan Tag	Motor Manufacturer	Motor Model Number	Volts/PH/Hz	Motor Enclosure	Motor Efficiency	Isolator Type	Feature Codes	Wheel Width, %	Wheel Diameter, %		
	N-AHU-7	SF-N-7	Baldor	Custom	400/3/50	TEFC	Premium	AMBR-20	IS WC PZ EL S/G	105	100		
Cooling Coil	Unit No.	Coil Tag	Air Flow, (L/S)	Face Velocity, (M/S)	No. Coils	Model No. and Size, HXW	Rows	Fins per cm	Capacity TOTAL/SENSIBLE, KW	Turbulators			
	N-AHU-7	CC-7	4658	2.12	1	SWC0908C 1371.6 x 1600.2	8	3.50	364.8/136.0	No			
	Unit No.	Coil Tag	Fin Design	Air Ent Temp DB/WB (C)	Air Lvg Temp DB/WB (C)	Fluid Ent Temp/Lvg Temp (C)	Flow Rate (L/S)	Fluid Press Drop (KPa)	APD (Pa)				
	N-AHU-7	CC-7	Wave	34.00/29.11	10.12/10.11	5.56/12.12	13.2	42.5	250				
	Unit No.	Coil Tag	Fluid	Fin Material	Tube Material	Casing Material	Intermediate Drain	Coating	Altitude (M)	Manufacturer	Model		
	N-AHU-7	CC-7	Water	Copper, .19mm	Copper, .9mm	SS	N/A	N/A	1400	HEATCRAFT	SWC0908C 1371.6 x 1600.2		
Electric Heater													
	Unit No.	Manufacturer	Control Box Location	Heater KW	EAT	LAT	Voltage	Phase	Hertz	Heating Element	Enclosure Type	Control Type	Control Input Signal
	N-AHU-7	Thermoiec	Outside	10.6	10.0	11.9	400	3	50	Open Element	NEMA 4	SCR Horizontal Airflow	1-10 VDC, 4-20mA
Prefilters/Depth	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access	
MERV 11/100mm	N-AHU-7	Pleated	2	4658	2.09	6	F-4	SS Type 8	Flanders	85755.042434 MERV 11	Common with MERV 14	Upstream	
MERV 14/300mm	N-AHU-7	Pleated	2	4658	2.09	6	F-12	SS Type 8	Flanders	PRP95G4412H	Dwyer 605, 500 Pa	Upstream	
HEGA Filters	Unit No.	Filter Type	UL Class	L/S	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access	
	N-AHU-7	HEGA	2	4658	2.09	6	Flanders	Flanders KF	Flanders	AF-GG19-121-AP	Dwyer 605, 1000 Pa	Slide	

Feature Codes

IV	Inlet Vanes	CF	Companion Flange	FF	Front Flange
IS	Inlet Screen	WC	Wheel Cage		
OS	Outlet Screen	DE	Duct Equalizer		
UB	Unitary Base	DEF	Duct Equalizer /w Flange		
IB	Inertia Base	SSO	Short Silencer (outlet)		
EL	Extended Lube Fittings	LSO	Long Silencer (outlet)		
LLX	Lube Lines to Case Exterior	OG	OGHA Drive Guard		
SP	Special Coatings	TR	Thrust Restraints		

Initial				Final			
N-AHU-7	Airflow	4968 L/s	9870 cfm	N-AHU-7	Airflow	4668 L/s	9370 cfm
		Filters	6			Filters	6
	4" MERV 11	112.67 pa	0.45 w.g.		4" MERV 11	373.00 pa	1.23 w.g.
	12" MERV 14	169.86 pa	0.64 w.g.		12" MERV 14	373.00 pa	1.23 w.g.
	Carbon Filter	102.34 pa	0.41 w.g.		Carbon Filter	102.34 pa	0.41 w.g.
	Heating Coil	48.77 pa	0.20 w.g.		Heating Coil	48.77 pa	0.20 w.g.
	Cooling Coil	248.86 pa	1.00 w.g.		Cooling Coil	248.8 pa	1.00 w.g.
	ESP	748.64 pa	3.00 w.g.		ESP	748.6 pa	3.00 w.g.
	Total pa.	1418.71 Calculated	5.71 Calculated		Total pa.	1886.6 Calculated	7.51 Calculated

END OF STATEMENT OF WORK

SECTION 2 - CONTRACT CLAUSES

FAR 52.212-4 CONTRACT TERMS AND CONDITIONS – COMMERCIAL ITEMS (MAY 2015), is incorporated by reference (see SF-1449, Block 27A)

52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS—COMMERCIAL ITEMS (NOV 2015)

(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) 52.209-10, Prohibition on Contracting with Inverted Domestic Corporations (Nov 2015)

(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) (Public Laws 108-77, 108-78 (19 U.S.C. 3805 note)).

(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:

___ (1) 52.203-6, Restrictions on Subcontractor Sales to the Government (Sept 2006), with Alternate I (Oct 1995) (41 U.S.C. 4704 and 10 U.S.C. 2402).

___ (2) 52.203-13, Contractor Code of Business Ethics and Conduct (Oct 2015) (41 U.S.C. 3509).

___ (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).

X (4) 52.204-10, Reporting Executive compensation and First-Tier Subcontract Awards (Oct 2015) (Pub. L. 109-282) (31 U.S.C. 6101 note).

___ (5) [Reserved]

___ (6) 52.204-14, Service Contract Reporting Requirements (Jan 2014) (Pub. L. 111-117, section 743 of Div. C).

___ (7) 52.204-15, Service Contract Reporting Requirements for Indefinite-Delivery Contracts (Jan 2014) (Pub. L. 111-117, section 743 of Div. C).

X (8) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (Oct 2015) (31 U.S.C. 6101 note).

___ (9) 52.209-9, Updates of Publicly Available Information Regarding Responsibility Matters (Jul 2013) (41 U.S.C. 2313).

___ (10) [Reserved]

___ (11) (i) 52.219-3, Notice of HUBZone Set-Aside or Sole-Source Award (Nov 2011) (15 U.S.C. 657a).

___ (ii) Alternate I (Nov 2011) of 52.219-3.

___ (12) (i) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (Oct 2014) (if the offeror elects to waive the preference, it shall so indicate in its offer)(15 U.S.C. 657a).

___ (ii) Alternate I (Jan 2011) of 52.219-4.

___ (13) [Reserved]

___ (14) (i) 52.219-6, Notice of Total Small Business Aside (Nov 2011) (15 U.S.C. 644).

- ___ (ii) Alternate I (Nov 2011).
- ___ (iii) Alternate II (Nov 2011).
- ___ (15) (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.
- ___ (16) 52.219-8, Utilization of Small Business Concerns (Oct 2014) (15 U.S.C. 637(d)(2) and (3)).
- ___ (17) (i) 52.219-9, Small Business Subcontracting Plan (Oct 2015) (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 (Oct 2015) of 52.219-9.
- ___ (18) 52.219-13, Notice of Set-Aside of Orders (Nov 2011) (15 U.S.C. 644(r)).
- ___ (19) 52.219-14, Limitations on Subcontracting (Nov 2011) (15 U.S.C. 637(a)(14)).
- ___ (20) 52.219-16, Liquidated Damages—Subcontracting Plan (Jan 1999) (15 U.S.C. 637(d)(4)(F)(i)).
- ___ (21) 52.219-27, Notice of Service-Disabled Veteran-Owned Small Business Set-Aside (Nov 2011) (15 U.S.C. 657f).
- ___ (22) 52.219-28, Post Award Small Business Program Rerepresentation (Jul 2013) (15 U.S.C. 632(a)(2)).
- ___ (23) 52.219-29, Notice of Set-Aside for Economically Disadvantaged Women-Owned Small Business (EDWOSB) Concerns (Jul 2013) (15 U.S.C. 637(m)).
- ___ (24) 52.219-30, Notice of Set-Aside for Women-Owned Small Business (WOSB) Concerns Eligible Under the WOSB Program (Jul 2013) (15 U.S.C. 637(m)).
- ___ (25) 52.222-3, Convict Labor (June 2003) (E.O. 11755).
- ___ (26) 52.222-19, Child Labor—Cooperation with Authorities and Remedies (Jan 2014) (E.O. 13126).
- ___ (27) 52.222-21, Prohibition of Segregated Facilities (Apr 2015).
- ___ (28) 52.222-26, Equal Opportunity (Apr 2015) (E.O. 11246).
- ___ (29) 52.222-35, Equal Opportunity for Veterans (Oct 2015) (38 U.S.C. 4212).
- ___ (30) 52.222-36, Equal Opportunity for Workers with Disabilities (Jul 2014) (29 U.S.C. 793).
- ___ (31) 52.222-37, Employment Reports on Veterans (Oct 2015) (38 U.S.C. 4212).
- ___ (32) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (E.O. 13496).
- X** ___ (33) (i) 52.222-50, Combating Trafficking in Persons (Mar 2015) (22 U.S.C. chapter 78 and E.O. 13627).
- ___ (ii) Alternate I (Mar 2015) of 52.222-50, (22 U.S.C. chapter 78 and E.O. 13627).
- ___ (34) 52.222-54, Employment Eligibility Verification (Oct 2015). (E. O. 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.)
- ___ (35) (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.)
- ___ (36) (i) 52.223-13, Acquisition of EPEAT® -Registered Imaging Equipment (Jun 2014) (E.O.s 13423 and 13514)

- ___ (ii) Alternate I (Oct 2015) of 52.223-13.
- ___ (37) (i) 52.223-14, Acquisition of EPEAT® -Registered Television (Jun 2014) (E.O.s 13423 and 13514).
- ___ (ii) Alternate I (Jun 2014) of 52.223-14.
- ___ (38) 52.223-15, Energy Efficiency in Energy-Consuming Products (Dec 2007) (42 U.S.C. 8259b).
- ___ (39) (i) 52.223-16, Acquisition of EPEAT® -Registered Personal Computer Products (Oct 2015) (E.O.s 13423 and 13514).
- ___ (ii) Alternate I (Jun 2014) of 52.223-16.
- X (40) 52.223-18, Encouraging Contractor Policies to Ban Text Messaging while Driving (Aug 2011) (E.O. 13513).
- ___ (41) 52.225-1, Buy American--Supplies (May 2014) (41 U.S.C. chapter 83).
- ___ (42) (i) 52.225-3, Buy American--Free Trade Agreements--Israeli Trade Act (May 2014) (41 U.S.C. chapter 83, 19 U.S.C. 3301 note, 19 U.S.C. 2112 note, 19 U.S.C. 3805 note, 19 U.S.C. 4001 note, Pub. L. 103-182, 108-77, 108-78, 108-286, 108-302, 109-53, 109-169, 109-283, 110-138, 112-41, 112-42, and 112-43).
- ___ (ii) Alternate I (May 2014) of 52.225-3.
- ___ (iii) Alternate II (May 2014) of 52.225-3.
- ___ (iv) Alternate III (May 2014) of 52.225-3.
- ___ (43) 52.225-5, Trade Agreements (Nov 2013) (19 U.S.C. 2501, *et seq.*, 19 U.S.C. 3301 note).
- ___ (44) 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).
- ___ (45) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Jul 2013) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note).
- ___ (46) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (Nov 2007) (42 U.S.C. 5150).
- ___ (47) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov 2007) (42 U.S.C. 5150).
- X (48) 52.232-29, Terms for Financing of Purchases of Commercial Items (Feb 2002) (41 U.S.C. 4505), 10 U.S.C. 2307(f)).
- ___ (49) 52.232-30, Installment Payments for Commercial Items (Oct 1995) (41 U.S.C. 4505, 10 U.S.C. 2307(f)).
- X (50) 52.232-33, Payment by Electronic Funds Transfer— System for Award Management (Jul 2013) (31 U.S.C. 3332).
- ___ (51) 52.232-34, Payment by Electronic Funds Transfer—Other Than System for Award Management (Jul 2013) (31 U.S.C. 3332).
- ___ (52) 52.232-36, Payment by Third Party (May 2014) (31 U.S.C. 3332).
- ___ (53) 52.239-1, Privacy or Security Safeguards (Aug 1996) (5 U.S.C. 552a).
- ___ (54) (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) 52.222-17, Nondisplacement of Qualified Workers (May 2014) (E.O. 13495)
- ___ (2) 52.222-41, Service Contract Labor Standards (May 2014) (41 U.S.C. chapter 67.).
- ___ (3) 52.222-42, Statement of Equivalent Rates for Federal Hires (May 2014) (29 U.S.C. 206 and 41 U.S.C. chapter 67).
- ___ (4) 52.222-43, Fair Labor Standards Act and Service Contract Labor Standards -- Price Adjustment (Multiple Year and Option Contracts) (May 2014) (29 U.S.C.206 and 41 U.S.C. chapter 67).
- ___ (5) 52.222-44, Fair Labor Standards Act and Service Contract Labor Standards -- Price Adjustment (May 2014) (29 U.S.C. 206 and 41 U.S.C. chapter 67).
- ___ (6) 52.222-51, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (May 2014) (41 U.S.C. chapter 67).
- ___ (7) 52.222-53, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Requirements (May 2014) (41 U.S.C. chapter 67).
- ___ (8) 52.222-55, Minimum Wages Under Executive Order 13658 (Dec 2014) (E.O. 13658).
- ___ (9) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (May 2014) (42 U.S.C. 1792).
- ___ (10) 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 (Oct 2015) (41 U.S.C. 3509).
 - (ii) 52.219-8, Utilization of Small Business Concerns (Oct 2014) (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 \$700,000 (\$1.5 million for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.
 - (iii) 52.222-17, Nondisplacement of Qualified Workers (May 2014) (E.O. 13495). Flow down required in accordance with paragraph (1) of FAR clause 52.222-17.
 - (iv) 52.222-21, Prohibition of Segregated Facilities (Apr 2015).
 - (v) 52.222-26, Equal Opportunity (Apr 2015) (E.O. 11246).
 - (vi) 52.222-35, Equal Opportunity for Veterans (Oct 2015) (38 U.S.C. 4212).
 - (vii) 52.222-36, Equal Opportunity for Workers with Disabilities (Jul 2014) (29 U.S.C. 793).
 - (viii) 52.222-37, Employment Reports on Veterans (Oct 2015) (38 U.S.C. 4212).
 - (ix) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (E.O. 13496). Flow down required in accordance with paragraph (f) of FAR clause 52.222-40.
 - (x) 52.222-41, Service Contract Labor Standards (May 2014), (41 U.S.C. chapter 67).
 - (xi) ____ (A) 52.222-50, Combating Trafficking in Persons (Mar 2015) (22 U.S.C. chapter 78 and E.O. 13627).
____ (B) Alternate I (Mar 2015) of 52.222-50 (22 U.S.C. chapter 78 E.O. 13627).
 - (xii) 52.222-51, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (May 2014) (41 U.S.C. chapter 67.)
 - (xiii) 52.222-53, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Requirements (May 2014) (41 U.S.C. chapter 67)
 - (xiv) 52.222-54, Employment Eligibility Verification (Oct 2015) (E. O. 12989).
 - (xv) 52.222-55, Minimum Wages Under Executive Order 13658 (Dec 2014) (E.O. 13658).
 - (xvi) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Jul 2013) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note).
 - (xvii) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (May 2014) (42 U.S.C. 1792). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.
 - (xviii) 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)
- Alternate I (Feb 2000).* As prescribed in [12.301](#)(b)(4)(i), delete paragraph (d) from the basic clause, redesignate paragraph (e) as paragraph (d), and revise the reference to “paragraphs (a), (b), (c), or (d) of this clause” in the redesignated paragraph (d) to read “paragraphs (a), (b), and (c) of this clause”.
- Alternate II (Oct 2015).* As prescribed in [12.301](#)(b)(4)(ii), substitute the following paragraphs (d)(1) and (e)(1) for paragraphs (d)(1) and (e)(1) of the basic clause as follows:
- (d)
- (1) The Comptroller General of the United States, an appropriate Inspector General appointed

under section 3 or 8G of the Inspector General Act of 1978 (5 U.S.C. App.), or an authorized representative of either of the foregoing officials shall have access to and right to—

(i) Examine any of the Contractor's or any subcontractors' records that pertain to, and involve transactions relating to, this contract; and

(ii) Interview any officer or employee regarding such transactions.

(e)

(1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), and (c), of this clause, the Contractor is not required to flow down any FAR clause in a subcontract for commercial items, other than—

(i) *Paragraph (d) of this clause.* This paragraph flows down to all subcontracts, except the authority of the Inspector General under paragraph (d)(1)(ii) does not flow down; and

(ii) *Those clauses listed in this paragraph (e)(1).* Unless otherwise indicated below, the extent of the flow down shall be as required by the clause—

(A) 52.203-13, Contractor Code of Business Ethics and Conduct (Oct 2015) (41 U.S.C. 3509).

(B) 52.203-15, Whistleblower Protections Under the American Recovery and Reinvestment Act of 2009 (Jun 2010) (Section 1553 of Pub. L. 111-5).

(C) 52.219-8, Utilization of Small Business Concerns (Oct 2014) (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 \$700,000 (\$1.5 million for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(D) 52.222-21, Prohibition of Segregated Facilities (Apr 2015).

(E) 52.222-26, Equal Opportunity (Apr 2015) (E.O. 11246).

(F) 52.222-35, Equal Opportunity for Veterans (Oct 2015) (38 U.S.C. 4212).

(G) 52.222-36, Equal Opportunity for Workers with Disabilities (Jul 2014) (29 U.S.C. 793).

(H) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (E.O. 13496). Flow down required in accordance with paragraph (f) of FAR clause 52.222-40.

(I) 52.222-41, Service Contract Labor Standards (May 2014) (41 U.S.C. chapter 67).

(J) ____ (1) 52.222-50, Combating Trafficking in Persons (Mar 2015) (22 U.S.C. chapter 78 and E.O. 13627).

____ (2) Alternate I (Mar 2015) of 52.222-50 (22 U.S.C. chapter 78 E.O. 13627).

(K) 52.222-51, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment-Requirements (May 2014) (41 U.S.C. chapter 67).

(L) 52.222-53, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Requirements (May 2014) (41 U.S.C. chapter 67).

(M) 52.222-54, Employment Eligibility Verification (Oct 2015) (Executive Order 12989).

(N) 52.222-55, Minimum Wages Under Executive Order 13658 (Dec 2014) (E. O. 13658).

(O) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (May 2014) (42 U.S.C. 1792). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.

(P) 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.

[Class Deviation- 2013-O0019, Commercial Item Omnibus Clauses for Acquisitions Using the Standard Procurement System. This clause deviation is effective on Sep 25, 2013, and

remains in effect for five years, or until otherwise rescinded.

(End of clause)

ADDENDUM TO CONTRACT CLAUSES
FAR AND DOSAR CLAUSES NOT PRESCRIBED IN PART 12

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at:

<http://www.acquisition.gov/far/> or, <http://farsite.hill.af.mil/vffara.htm>

These addresses are subject to change. You may also use an internet “search engine” (for example, Google, Yahoo, Excite) to obtain the latest location of the most current FAR.

The following Federal Acquisition Regulation clauses are incorporated by reference:

<u>CLAUSE</u>	<u>TITLE AND DATE</u>
52.204-9	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (JAN 2011)
52.204-12	DATA UNIVERSAL NUMBERING SYSTEM NUMBER MAINTENANCE (DEC 2012)
52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (JULY 2013)
52.225-14	INCONSISTENCY BETWEEN ENGLISH VERSION AND TRANSLATION OF CONTRACT (FEB 2000)
52.228-4	WORKER’S COMPENSATION AND WAR-HAZARD INSURANCE OVERSEAS (APR 1984)
52.228-5	INSURANCE - WORK ON A GOVERNMENT INSTALLATION (JAN 1997)
52.229-6	FOREIGN FIXED PRICE CONTRACTS (FEB 2013)
52.232-39	UNENFORCEABILITY OF UNAUTHORIZED OBLIGATIONS (JUN 2013)
52.232-40	PROVIDING ACCELERATED PAYMENTS TO SMALL BUSINESS SUBCONTRACTORS (DEC 2013)

The following FAR clause(s) is/are provided in full text:

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. 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 the performance period of the contract.

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 the performance period of the contract or within 30 days after funds for the option year become available, whichever is later.

(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 five years.

52.232-19 AVAILABILITY OF FUNDS FOR THE NEXT FISCAL YEAR (APR 1984)

Funds are not presently available for performance under this contract beyond September 30th. The Government's obligation for performance of this contract beyond that date 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 for performance under this contract beyond September 30th, until funds are made available to the Contracting Officer for performance and until the Contractor receives notice of availability, to be confirmed in writing by the Contracting Officer.

The following DOSAR clause(s) is/are provided in full text:

652.204-70 DEPARTMENT OF STATE PERSONAL IDENTIFICATION CARD ISSUANCE (MAY 2011)

(a) The Contractor shall comply with the Department of State (DOS) Personal Identification Card Issuance Procedures for all employees performing under this contract who require frequent and continuing access to DOS facilities, or information systems. The Contractor shall insert this clause in all subcontracts when the subcontractor's employees will require frequent and continuing access to DOS facilities, or information systems.

(b) The DOS Personal Identification Card Issuance Procedures may be accessed at <http://www.state.gov/m/ds/rls/rpt/c21664.htm> .

(End of clause)

CONTRACTOR IDENTIFICATION (JULY 2008)

Contract performance may require contractor personnel to attend meetings with government personnel and the public, work within government offices, and/or utilize government email.

Contractor personnel must take the following actions to identify themselves as non-federal employees:

- 1) Use an email signature block that shows name, the office being supported and company affiliation (e.g. "John Smith, Office of Human Resources, ACME Corporation Support Contractor");
- 2) Clearly identify themselves and their contractor affiliation in meetings;
- 3) Identify their contractor affiliation in Departmental e-mail and phone listings whenever contractor personnel are included in those listings; and
- 4) Contractor personnel may not utilize Department of State logos or indicia on business cards.

(End of clause)

652.232-70 PAYMENT SCHEDULE AND INVOICE SUBMISSION (FIXED-PRICE)
(AUG 1999)

- (a) General. The Government shall pay the Contractor as full compensation for all work required, performed, and accepted under this contract the firm fixed-price stated in this contract.
- b) Invoice Submission. The Contractor shall submit invoices in an electronic copy to the office identified in Block 18b of the SF-1449. To constitute a proper invoice, the invoice shall include all the items required by FAR 32.905(e).
- (c) Contractor Remittance Address. The Government will make payment to the Contractor's address stated on the cover page of this contract, unless a separate remittance address is shown below:

652.237-71 IDENTIFICATION/BUILDING PASS (APR 2004)

652.237-72 OBSERVANCE OF LEGAL HOLIDAYS AND ADMINISTRATIVE LEAVE
(APR 2004)

(a) The Department of State observes the holidays as described under Paragraph 2.0 Hours of Performance; and any other days day designated by Federal law, Executive Order, or Presidential Proclamation.

(b) When any such day falls on a Saturday or Sunday, the following Monday is observed. Observance of such days by Government personnel shall not be cause for additional period of performance or entitlement to compensation except as set forth in the contract. If the Contractor's personnel work on a holiday, no form of holiday or other premium compensation will be reimbursed either as a direct or indirect cost, unless authorized pursuant to an overtime clause elsewhere in this contract.

652.242-70 CONTRACTING OFFICER'S REPRESENTATIVE (COR) (AUG 1999)

(a) The Contracting Officer may designate in writing one or more Government employees, by name or position title, to take action for the Contracting Officer under this contract. Each designee shall be identified as a Contracting Officer's Representative (COR). Such designation(s) shall specify the scope and limitations of the authority so delegated; provided, that the designee shall not change the terms or conditions of the contract, unless the COR is a warranted Contracting Officer and this authority is delegated in the designation.

(b) The COR for this contract is the Facility Manager.

(c) The Government Technical Monitor is the Engineer Maintenance Supervisor.

652.242-73 AUTHORIZATION AND PERFORMANCE (AUG 1999)

(a) The Contractor warrants the following:

(1) That it has obtained authorization to operate and do business in the country or countries in which this contract will be performed;

(2) That it has obtained all necessary licenses and permits required to perform this contract; and,

(3) That it shall comply fully with all laws, decrees, labor standards, and regulations of said country or countries during the performance of this contract.

(b) If the party actually performing the work will be a subcontractor or joint venture partner, then such subcontractor or joint venture partner agrees to the requirements of paragraph (a) of this clause.

652.229-70 EXCISE TAX EXEMPTION STATEMENT FOR CONTRACTORS WITHIN THE UNITED STATES (JUL 1988)

This is to certify that the item(s) covered by this contract is/are for export solely for the use of the U.S. Foreign Service Post identified in the contract schedule.

The Contractor shall use a photocopy of this contract as evidence of intent to export. Final proof of exportation may be obtained from the agent handling the shipment. Such proof shall be accepted in lieu of payment of excise tax.

SECTION 3 – SOLICITATION PROVISIONS

FAR 52.212-1 INSTRUCTIONS TO OFFERORS -- COMMERCIAL ITEMS (OCT 2015), is incorporated by reference (see SF-1449, Block 27A)

ADDENDUM TO 52.212-1

A. Summary of instructions: Each offer must consist of the following:

1. A completed solicitation, in which the SF-1449 cover page (blocks 12, 17, 19-24, and 30 as appropriate), and Section 1 has been filled out.
2. Information demonstrating the offeror's ability to perform, including:
 - (a) Name of a Project Manager (or other liaison to the Embassy/Consulate) who understands written and spoken English;
 - (b) Evidence that the offeror operates an established business with a permanent address and telephone listing;
3. List of clients over the past three years, demonstrating prior experience with relevant past performance information and references (provide dates of contracts, places of performance, value of contracts, contact names, telephone and fax numbers and email addresses). If the offeror has not performed comparable services in West Africa then the offeror shall provide its international experience. Offerors are advised that the past performance information requested above may be discussed with the client's contact person. In addition, the client's contact person may be asked to comment on the offeror's:
 - Quality of services provided under the contract;
 - Compliance with contract terms and conditions;
 - Effectiveness of management;
 - Willingness to cooperate with and assist the customer in routine matters, and when confronted by unexpected difficulties; and
 - Business integrity / business conduct.

The Government will use past performance information primarily to assess an offeror's capability to meet the solicitation performance requirements, including the relevance and successful performance of the offeror's work experience. The Government may also use this data to evaluate the credibility of the offeror's proposal. In addition, the Contracting Officer may use past performance information in making a determination of responsibility.

4. Evidence that the offeror/quoter can provide the necessary personnel, equipment, and financial resources needed to perform the work;

5. The offeror shall address its plan to obtain all licenses and permits required by local law (see DOSAR 652.242-73 in Section 2). If offeror already possesses the locally required licenses and permits, a copy shall be provided.

6. The offeror's strategic plan for Chillers maintenance services to include but not limited to:

(a) A work plan taking into account all work elements in Section 1, Performance Work Statement.

(b) Identify types and quantities of equipment, supplies and materials required for performance of services under this contract. Identify if the offeror already possesses the listed items and their condition for suitability and if not already possessed or inadequate for use how and when the items will be obtained;

(c) Plan of ensuring quality of services including but not limited to contract administration and oversight; and

(d) (1) If insurance is required by the solicitation, a copy of the Certificate of Insurance(s), **or** (2) a statement that the Contractor will get the required insurance, and the name of the insurance provider to be used.

(e) List of spare parts and suppliers of spare parts for elevators and proposals shall include a description of the firm's ability to obtain replacement parts and ability to perform specialized tests/diagnostic/programming equipment for servicing elevators.

ADDENDUM TO SOLICITATION PROVISIONS
FAR AND DOSAR PROVISIONS NOT PRESCRIBED IN PART 12

52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at: <http://www.acquisition.gov/far/> or <http://farsite.hill.af.mil/vffara.htm>

These addresses are subject to change. If the FAR is not available at the locations indicated above, use of an Internet “search engine” (for example, Google, Yahoo, Excite) is suggested to obtain the latest location of the most current FAR provisions.

The following Federal Acquisition Regulation solicitation provisions are incorporated by reference:

<u>PROVISION</u>	<u>TITLE AND DATE</u>
52.204-7	SYSTEM FOR AWARD MANAGEMENT (JUL 2013)
52.204-16	COMMERCIAL AND GOVERNMENT ENTITY CODE REPORTING (NOV 2014)
52.214-34	SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE (APR 1991)
52.225-25	PROHIBITION ON CONTRACTING WITH ENTITIES ENGAGING IN CERTAIN ACTIVITIES OR TRANSACTIONS RELATING TO IRAN—REPRESENTATION AND CERTIFICATIONS (DEC 2012)

The following DOSAR provision(s) is/are provided in full text:

652.206-70 COMPETITION ADVOCATE/OMBUDSMAN (AUG 1999) (DEVIATION)

The Department of State's Competition Advocate is responsible for assisting industry in removing restrictive requirements from Department of State solicitations and removing barriers to full and open competition and use of commercial items. If such a solicitation is considered competitively restrictive or does not appear properly conducive to competition and commercial practices, potential offerors are encouraged to first contact the contracting office for the respective solicitation. If concerns remain unresolved, contact the Department of State Competition Advocate on (703) 516-1696, by fax at (703) 875-6155, or write to:

Competition Advocate
U.S. Department of State
A/OPE
SA-15, Room 1060
Washington, DC 20522-1510

- (a) The Department of State's Acquisition Ombudsman has been appointed to hear concerns from potential offerors and contractors during the pre-award and post-award phases of this acquisition. The role of the ombudsman is not to diminish the authority of the Contracting Officer, the Technical Evaluation Panel or Source Evaluation Board, or the selection official. The purpose of the ombudsman is to facilitate the communication of concerns, issues, disagreements, and recommendations of interested parties to the appropriate Government personnel, and work to resolve them. When requested and appropriate, the ombudsman will maintain strict confidentiality as to the source of the concern. The ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of formal contract disputes. Interested parties are invited to contact the contracting activity ombudsman, Management Officer, at +229 21 300 650. For a U.S. Embassy or overseas post, refer to the numbers below for the Department Acquisition Ombudsman. Concerns, issues, disagreements, and recommendations which cannot be resolved at a contracting activity level may be referred to the Department of State Acquisition Ombudsman at (703) 516-1696, by fax at (703) 875-6155, or write to:

Acquisition Ombudsman
U.S. Department of State
A/OPE
SA-15, Room 1060
Washington, DC 20522-1510

SECTION 4 - EVALUATION FACTORS

Award will be made to the lowest priced, acceptable, responsible quoter. The quoter shall submit a completed solicitation, including Sections 1 and 5.

The Government will perform an initial review of proposals/quotations received to determine compliance with the terms of the solicitation. The Government may reject as unacceptable proposals/quotations which do not conform to the solicitation.

Technical Acceptability. Technical acceptability will include a review of past performance and experience as defined in Section 3, along with any technical information provided by the offeror with its proposal/quotation.

The Government reserves the right to reject proposals that are unreasonably low or high in price.

The lowest price will be determined by multiplying the offered prices times the estimated quantities in "Prices - Continuation of SF-1449, block 23", and arriving at a grand total, including all options, if any.

The Government will determine quoter acceptability will be determined by assessing the quoter's compliance with the terms of the RFQ.

The Government will determine quoter responsibility by analyzing whether the apparent successful quoter complies with the requirements of FAR 9.1, including:

- Adequate financial resources or the ability to obtain them;
- Ability to comply with the required performance period, taking into consideration all existing commercial and governmental business commitments;
- Satisfactory record of integrity and business ethics;
- Necessary organization, experience, and skills or the ability to obtain them;
- Necessary equipment and facilities or the ability to obtain them; and
- Be otherwise qualified and eligible to receive an award under applicable laws and regulations.

ADDENDUM TO EVALUATION FACTORS
FAR AND DOSAR PROVISION(S) NOT PRESCRIBED IN PART 12

The following FAR provision(s) is/are provided in full text:

52.217-5 EVALUATION OF OPTIONS (JUL 1990)

The Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirement. Evaluation of options will not obligate the Government to exercise the option(s). The currency must be US Dollar only.

SECTION 5 - REPRESENTATIONS AND CERTIFICATIONS

52.212-3 OFFEROR REPRESENTATIONS AND CERTIFICATIONS—COMMERCIAL ITEMS (NOV 2015)

The offeror shall complete only paragraphs (b) of this provision if the Offeror has completed the annual representations and certification electronically via the System for Award Management (SAM) Web site accessed through <http://www.acquisition.gov> . If the Offeror has not completed the annual representations and certifications electronically, the Offeror shall complete only paragraphs (c) through (p) of this provision.

(a) *Definitions.* As used in this provision--

“Economically disadvantaged women-owned small business (EDWOSB) concern” means a small business concern that is at least 51 percent directly and unconditionally owned by, and the management and daily business operations of which are controlled by, one or more women who are citizens of the United States and who are economically disadvantaged in accordance with 13 CFR part 127. It automatically qualifies as a women-owned small business eligible under the WOSB Program.

“Forced or indentured child labor” means all work or service—

- (1) Exacted from any person under the age of 18 under the menace of any penalty for its nonperformance and for which the worker does not offer himself voluntarily; or
- (2) Performed by any person under the age of 18 pursuant to a contract the enforcement of which can be accomplished by process or penalties.

“Highest-level owner” means the entity that owns or controls an immediate owner of the offeror, or that owns or controls one or more entities that control an immediate owner of the offeror. No entity owns or exercises control of the highest level owner.

“Immediate owner” means an entity, other than the offeror, that has direct control of the offeror. Indicators of control include, but are not limited to, one or more of the following: Ownership or interlocking management, identity of interests among family members, shared facilities and equipment, and the common use of employees.

“Inverted domestic corporation,” means a foreign incorporated entity that meets the definition of an inverted domestic corporation under 6 U.S.C. 395(b), applied in accordance with the rules and definitions of 6 U.S.C. 395(c).

“Manufactured end product” means any end product in product and service codes (PSCs) 1000-9999, except—

- (1) PSC 5510, Lumber and Related Basic Wood Materials;
- (2) Product or Service Group (PSG) 87, Agricultural Supplies;
- (3) PSG 88, Live Animals;
- (4) PSG 89, Subsistence;
- (5) PSC 9410, Crude Grades of Plant Materials;
- (6) PSC 9430, Miscellaneous Crude Animal Products, Inedible;
- (7) PSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
- (8) PSC 9610, Ores;
- (9) PSC 9620, Minerals, Natural and Synthetic; and
- (10) PSC 9630, Additive Metal Materials.

“Place of manufacture” means the place where an end product is assembled out of components,

or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

“Restricted business operations” means business operations in Sudan that include power production activities, mineral extraction activities, oil-related activities, or the production of military equipment, as those terms are defined in the Sudan Accountability and Divestment Act of 2007 (Pub. L. 110-174). Restricted business operations do not include business operations that the person (as that term is defined in Section 2 of the Sudan Accountability and Divestment Act of 2007) conducting the business can demonstrate—

(1) Are conducted under contract directly and exclusively with the regional government of southern Sudan;

(2) Are conducted pursuant to specific authorization from the Office of Foreign Assets Control in the Department of the Treasury, or are expressly exempted under Federal law from the requirement to be conducted under such authorization;

(3) Consist of providing goods or services to marginalized populations of Sudan;

(4) Consist of providing goods or services to an internationally recognized peacekeeping force or humanitarian organization;

(5) Consist of providing goods or services that are used only to promote health or education; or

(6) Have been voluntarily suspended.

Sensitive technology—

(1) Means hardware, software, telecommunications equipment, or any other technology that is to be used specifically—

(i) To restrict the free flow of unbiased information in Iran; or

(ii) To disrupt, monitor, or otherwise restrict speech of the people of Iran; and

(2) Does not include information or informational materials the export of which the President does not have the authority to regulate or prohibit pursuant to section 203(b)(3) of the International Emergency Economic Powers Act (50 U.S.C. 1702(b)(3)).

“Service-disabled veteran-owned small business concern”—

(1) Means a small business concern—

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

“Small business concern” means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and size standards in this solicitation.

“Small disadvantaged business concern, consistent with 13 CFR 124.1002,” means a small business concern under the size standard applicable to the acquisition, that--

(1) Is at least 51 percent unconditionally and directly owned (as defined at 13 CFR 124.105) by--

(i) One or more socially disadvantaged (as defined at 13 CFR 124.103) and economically disadvantaged (as defined at 13 CFR 124.104) individuals who are citizens of the United States;

and

(ii) Each individual claiming economic disadvantage has a net worth not exceeding \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and
(2) The management and daily business operations of which are controlled (as defined at 13.CFR 124.106) by individuals, who meet the criteria in paragraphs (1)(i) and (ii) of this definition.

“Subsidiary” means an entity in which more than 50 percent of the entity is owned—

- (1) Directly by a parent corporation; or
- (2) Through another subsidiary of a parent corporation.

“Veteran-owned small business concern” means a small business concern—

- (1) Not less than 51 percent of which is owned by one or more veterans(as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and
- (2) The management and daily business operations of which are controlled by one or more veterans.

“Women-owned business concern” means a concern which is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of the its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

“Women-owned small business concern” means a small business concern --

- (1) That is at least 51 percent owned by one or more women or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and
- (2) Whose management and daily business operations are controlled by one or more women.

“Women-owned small business (WOSB) concern eligible under the WOSB Program (in accordance with 13 CFR part 127),” means a small business concern that is at least 51 percent directly and unconditionally owned by, and the management and daily business operations of which are controlled by, one or more women who are citizens of the United States.

(b)

(1) *Annual Representations and Certifications.* Any changes provided by the offeror in paragraph (b)(2) of this provision do not automatically change the representations and certifications posted on the SAMwebsite.

(2) The offeror has completed the annual representations and certifications electronically via the SAM website accessed through <https://www.acquisition.gov>. After reviewing the SAM database information, the offeror verifies by submission of this offer that the representation and certifications currently posted electronically at FAR 52.212-3, Offeror Representations and Certifications—Commercial Items, have been entered or updated in the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201), except for paragraphs _____. *[Offeror to identify the applicable paragraphs at (c) through (p) of this provision that the offeror has completed for the purposes of this solicitation only, if any. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer. Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted electronically on SAM.]*

(c) Offerors must complete the following representations when the resulting contract is to be performed in the United States or its outlying areas. Check all that apply.

(1) *Small business concern.* The offeror represents as part of its offer that it is, is not a small business concern.

(2) *Veteran-owned small business concern.* [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents as part of its offer that it is, is not a veteran-owned small business concern.

(3) *Service-disabled veteran-owned small business concern.* [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (c)(2) of this provision.] The offeror represents as part of its offer that it is, is not a service-disabled veteran-owned small business concern.

(4) *Small disadvantaged business concern.* [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it is, is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.

(5) *Women-owned small business concern.* [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it is, is not a women-owned small business concern.

Note: Complete paragraphs (c)(8) and (c)(9) only if this solicitation is expected to exceed the simplified acquisition threshold.

(6) *WOSB concern eligible under the WOSB Program.* [Complete only if the offeror represented itself as a women-owned small business concern in paragraph (c)(5) of this provision.] The offeror represents that—

(i) It is, is not a WOSB concern eligible under the WOSB Program, has provided all the required documents to the WOSB Repository, and no change in circumstances or adverse decisions have been issued that affects its eligibility; and

(ii) It is, is not a joint venture that complies with the requirements of 13 CFR part 127, and the representation in paragraph (c)(6)(i) of this provision is accurate for each WOSB concern eligible under the WOSB Program participating in the joint venture. [The offeror shall enter the name or names of the WOSB concern eligible under the WOSB Program and other small businesses that are participating in the joint venture: _____.] Each WOSB concern eligible under the WOSB Program participating in the joint venture shall submit a separate signed copy of the WOSB representation.

(7) *Economically disadvantaged women-owned small business (EDWOSB) concern.* [Complete only if the offeror represented itself as a WOSB concern eligible under the WOSB Program in (c)(6) of this provision.] The offeror represents that—

(i) It is, is not an EDWOSB concern, has provided all the required documents to the WOSB Repository, and no change in circumstances or adverse decisions have been issued that affects its eligibility; and

(ii) It is, is not a joint venture that complies with the requirements of 13 CFR part 127, and the representation in paragraph (c)(7)(i) of this provision is accurate for each EDWOSB concern participating in the joint venture. [The offeror shall enter the name or names of the EDWOSB concern and other small businesses that are participating in the joint venture: _____.] Each EDWOSB concern participating in the joint venture shall submit a separate signed copy of the EDWOSB representation.

(8) *Women-owned business concern (other than small business concern).* [Complete only if the offeror is a women-owned business concern and did not represent itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it is, a women-owned business concern.

(9) *Tie bid priority for labor surplus area concerns.* If this is an invitation for bid, small business offerors may identify the labor surplus areas in which costs to be incurred on account of manufacturing or production (by offeror or first-tier subcontractors) amount to more than 50 percent of the contract price:

(10) HUBZone small business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents, as part of its offer, that--

(i) It is, is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material changes in ownership and control, principal office, or HUBZone employee percentage have occurred since it was certified in accordance with 13 CFR part 126; and

(ii) It is, is not a HUBZone joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (c)(10)(i) of this provision is accurate for each HUBZone small business concern participating in the HUBZone joint venture. [*The offeror shall enter the names of each of the HUBZone small business concerns participating in the HUBZone joint venture: _____.*] Each HUBZone small business concern participating in the HUBZone joint venture shall submit a separate signed copy of the HUBZone representation.

(d) Representations required to implement provisions of Executive Order 11246 --

(1) Previous contracts and compliance. The offeror represents that --

(i) It has, has not, participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation; and

(ii) It has, has not, filed all required compliance reports.

(2) *Affirmative Action Compliance.* The offeror represents that --

(i) It has developed and has on file, has not developed and does not have on file, at each establishment, affirmative action programs required by rules and regulations of the Secretary of Labor (41 CFR parts 60-1 and 60-2), or

(ii) It has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

(e) *Certification Regarding Payments to Influence Federal Transactions* (31 U.S.C. 1352).

(Applies only if the contract is expected to exceed \$150,000.) By submission of its offer, the offeror certifies to the best of its knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress on his or her behalf in connection with the award of any resultant contract. If any registrants under the Lobbying Disclosure Act of 1995 have made a lobbying contact on behalf of the offeror with respect to this contract, the offeror shall complete and submit, with its offer, OMB Standard Form LLL, Disclosure of Lobbying Activities, to provide the name of the registrants. The offeror need not report regularly employed officers or employees of the offeror to whom payments of reasonable compensation were made.

(f) *Buy American Certificate.* (Applies only if the clause at Federal Acquisition Regulation (FAR) 52.225-1, Buy American – Supplies, is included in this solicitation.)

(1) The offeror certifies that each end product, except those listed in paragraph (f)(2) of this provision, is a domestic end product and that for other than COTS items, the offeror has considered components of unknown origin to have been mined, produced, or manufactured

outside the United States. The offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products, *i.e.*, an end product that is not a COTS item and does not meet the component test in paragraph (2) of the definition of “domestic end product.” The terms “commercially available off-the-shelf (COTS) item,” “component,” “domestic end product,” “end product,” “foreign end product,” and “United States” are defined in the clause of this solicitation entitled “Buy American—Supplies.”

(2) Foreign End Products:

LINE ITEM NO.	COUNTRY OF ORIGIN

[List as necessary]

(3) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(g)

(1) *Buy American -- Free Trade Agreements -- Israeli Trade Act Certificate.* (Applies only if the clause at FAR 52.225-3, Buy American -- Free Trade Agreements -- Israeli Trade Act, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(1)(ii) or (g)(1)(iii) of this provision, is a domestic end product and that for other than COTS items, the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The terms “Bahrainian, Moroccan, Omani, Panamanian, or Peruvian end product,” “commercially available off-the-shelf (COTS) item,” “component,” “domestic end product,” “end product,” “foreign end product,” “Free Trade Agreement country,” “Free Trade Agreement country end product,” “Israeli end product,” and “United States” are defined in the clause of this solicitation entitled “Buy American--Free Trade Agreements--Israeli Trade Act.”

(ii) The offeror certifies that the following supplies are Free Trade Agreement country end products (other than Bahrainian, Moroccan, Omani, Panamanian, or Peruvian end products) or Israeli end products as defined in the clause of this solicitation entitled “Buy American—Free Trade Agreements—Israeli Trade Act”:

Free Trade Agreement Country End Products (Other than Bahrainian, Moroccan, Omani, Panamanian, or Peruvian End Products) or Israeli End Products:

LINE ITEM NO.	COUNTRY OF ORIGIN

[List as necessary]

(iii) The offeror shall list those supplies that are foreign end products (other than those listed in paragraph (g)(1)(ii) or this provision) as defined in the clause of this solicitation entitled “Buy American—Free Trade Agreements—Israeli Trade Act.” The offeror shall list as other foreign end products those end products manufactured in the United States that do not qualify as domestic end products, *i.e.*, an end product that is not a COTS item and does not meet the

component test in paragraph (2) of the definition of “domestic end product.”
 Other Foreign End Products:

LINE ITEM NO.	COUNTRY OF ORIGIN

[List as necessary]

(iv) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(2) *Buy American—Free Trade Agreements—Israeli Trade Act Certificate, Alternate I.* If Alternate I to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products as defined in the clause of this solicitation entitled “Buy American—Free Trade Agreements—Israeli Trade Act”:

Canadian End Products:

Line Item No.:

[List as necessary]

(3) *Buy American—Free Trade Agreements—Israeli Trade Act Certificate, Alternate II.* If Alternate II to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products or Israeli end products as defined in the clause of this solicitation entitled “Buy American--Free Trade Agreements--Israeli Trade Act”:

Canadian or Israeli End Products:

Line Item No.:	Country of Origin:

[List as necessary]

(4) *Buy American—Free Trade Agreements—Israeli Trade Act Certificate, Alternate III.* If Alternate III to the clause at 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Free Trade Agreement country end products (other than Bahrainian, Korean, Moroccan, Omani, Panamanian, or Peruvian end products) or Israeli end products as defined in the clause of this solicitation entitled “Buy American—Free Trade Agreements—Israeli Trade Act”:

Free Trade Agreement Country End Products (Other than Bahrainian, Korean, Moroccan, Omani, Panamanian, or Peruvian End Products) or Israeli End Products:

Line Item No.:	Country of Origin:

[List as necessary]

(5) *Trade Agreements Certificate*. (Applies only if the clause at FAR 52.225-5, Trade Agreements, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(5)(ii) of this provision, is a U.S.-made or designated country end product as defined in the clause of this solicitation entitled "Trade Agreements."

(ii) The offeror shall list as other end products those end products that are not U.S.-made or designated country end products.

Other End Products

Line Item No.:	Country of Origin:

[List as necessary]

(iii) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25. For line items covered by the WTO GPA, the Government will evaluate offers of U.S.-made or designated country end products without regard to the restrictions of the Buy American statute. The Government will consider for award only offers of U.S.-made or designated country end products unless the Contracting Officer determines that there are no offers for such products or that the offers for such products are insufficient to fulfill the requirements of the solicitation.

(h) *Certification Regarding Responsibility Matters (Executive Order 12689)*. (Applies only if the contract value is expected to exceed the simplified acquisition threshold.) The offeror certifies, to the best of its knowledge and belief, that the offeror and/or any of its principals--

(1) Are, are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(2) Have, have not, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, state or local government contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen property; and

(3) Are, are not presently indicted for, or otherwise criminally or civilly charged by a Government entity with, commission of any of these offenses enumerated in paragraph (h)(2) of this clause; and

(4) Have, have not, within a three-year period preceding this offer, been notified of any delinquent Federal taxes in an amount that exceeds \$3,500 for which the liability remains unsatisfied.

(i) Taxes are considered delinquent if both of the following criteria apply:

(A) *The tax liability is finally determined*. The liability is finally determined if it has been assessed. A liability is not finally determined if there is a pending administrative or judicial challenge. In the case of a judicial challenge to the liability, the liability is not finally determined

until all judicial appeal rights have been exhausted.

(B) *The taxpayer is delinquent in making payment.* A taxpayer is delinquent if the taxpayer has failed to pay the tax liability when full payment was due and required. A taxpayer is not delinquent in cases where enforced collection action is precluded.

(ii) Examples.

(A) The taxpayer has received a statutory notice of deficiency, under I.R.C. §6212, which entitles the taxpayer to seek Tax Court review of a proposed tax deficiency. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek Tax Court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(B) The IRS has filed a notice of Federal tax lien with respect to an assessed tax liability, and the taxpayer has been issued a notice under I.R.C. §6320 entitling the taxpayer to request a hearing with the IRS Office of Appeals Contesting the lien filing, and to further appeal to the Tax Court if the IRS determines to sustain the lien filing. In the course of the hearing, the taxpayer is entitled to contest the underlying tax liability because the taxpayer has had no prior opportunity to contest the liability. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek tax court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(C) The taxpayer has entered into an installment agreement pursuant to I.R.C. §6159. The taxpayer is making timely payments and is in full compliance with the agreement terms. The taxpayer is not delinquent because the taxpayer is not currently required to make full payment.

(D) The taxpayer has filed for bankruptcy protection. The taxpayer is not delinquent because enforced collection action is stayed under 11 U.S.C. §362 (the Bankruptcy Code).

(i) Certification Regarding Knowledge of Child Labor for Listed End Products (Executive Order 13126). [The Contracting Officer must list in paragraph (i)(1) any end products being acquired under this solicitation that are included in the List of Products Requiring Contractor Certification as to Forced or Indentured Child Labor, unless excluded at 22.1503(b).]

(1) Listed End Product

Listed End Product:	Listed Countries of Origin:

(2) Certification. [If the Contracting Officer has identified end products and countries of origin in paragraph (i)(1) of this provision, then the offeror must certify to either (i)(2)(i) or (i)(2)(ii) by checking the appropriate block.]

(i) The offeror will not supply any end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product.

(ii) The offeror may supply an end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product. The offeror certifies that it has made a good faith effort to determine whether forced or indentured child labor was used to mine, produce, or manufacture any such end product furnished under this contract. On the basis of those efforts, the offeror certifies that it is not aware of any such use of child labor.

(j) *Place of manufacture.* (Does not apply unless the solicitation is predominantly for the acquisition of manufactured end products.) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide in response to this

solicitation is predominantly—

(1) In the United States (Check this box if the total anticipated price of offered end products manufactured in the United States exceeds the total anticipated price of offered end products manufactured outside the United States); or

(2) Outside the United States.

(k) Certificates regarding exemptions from the application of the Service Contract Labor Standards. (Certification by the offeror as to its compliance with respect to the contract also constitutes its certification as to compliance by its subcontractor if it subcontracts out the exempt services.) [The contracting officer is to check a box to indicate if paragraph (k)(1) or (k)(2) applies.]

(1) Maintenance, calibration, or repair of certain equipment as described in FAR 22.1003-4(c)(1). The offeror does does not certify that—

(i) The items of equipment to be serviced under this contract are used regularly for other than Governmental purposes and are sold or traded by the offeror (or subcontractor in the case of an exempt subcontract) in substantial quantities to the general public in the course of normal business operations;

(ii) The services will be furnished at prices which are, or are based on, established catalog or market prices (see FAR 22.1003-4(c)(2)(ii)) for the maintenance, calibration, or repair of such equipment; and

(iii) The compensation (wage and fringe benefits) plan for all service employees performing work under the contract will be the same as that used for these employees and equivalent employees servicing the same equipment of commercial customers.

(2) Certain services as described in FAR 22.1003-4(d)(1). The offeror does does not certify that—

(i) The services under the contract are offered and sold regularly to non-Governmental customers, and are provided by the offeror (or subcontractor in the case of an exempt subcontract) to the general public in substantial quantities in the course of normal business operations;

(ii) The contract services will be furnished at prices that are, or are based on, established catalog or market prices (see FAR 22.1003-4(d)(2)(iii));

(iii) Each service employee who will perform the services under the contract will spend only a small portion of his or her time (a monthly average of less than 20 percent of the available hours on an annualized basis, or less than 20 percent of available hours during the contract period if the contract period is less than a month) servicing the Government contract; and

(iv) The compensation (wage and fringe benefits) plan for all service employees performing work under the contract is the same as that used for these employees and equivalent employees servicing commercial customers.

(3) If paragraph (k)(1) or (k)(2) of this clause applies—

(i) If the offeror does not certify to the conditions in paragraph (k)(1) or (k)(2) and the Contracting Officer did not attach a Service Contract Labor Standards wage determination to the solicitation, the offeror shall notify the Contracting Officer as soon as possible; and

(ii) The Contracting Officer may not make an award to the offeror if the offeror fails to execute the certification in paragraph (k)(1) or (k)(2) of this clause or to contact the Contracting Officer as required in paragraph (k)(3)(i) of this clause.

(1) *Taxpayer identification number (TIN)* (26 U.S.C. 6109, 31 U.S.C. 7701). (Not applicable if the offeror is required to provide this information to the SAM database to be eligible for award.)

(1) All offerors must submit the information required in paragraphs (1)(3) through (1)(5) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the Internal Revenue Service (IRS).

(2) The TIN may be used by the government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(3) Taxpayer Identification Number (TIN).

TIN: _____.

TIN has been applied for.

TIN is not required because:

Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

Offeror is an agency or instrumentality of a foreign government;

Offeror is an agency or instrumentality of the Federal Government;

(4) Type of organization.

Sole proprietorship;

Partnership;

Corporate entity (not tax-exempt);

Corporate entity (tax-exempt);

Government entity (Federal, State, or local);

Foreign government;

International organization per 26 CFR 1.6049-4;

Other _____.

(5) Common parent.

Offeror is not owned or controlled by a common parent:

Name and TIN of common parent:

Name _____

TIN _____

(m) *Restricted business operations in Sudan*. By submission of its offer, the offeror certifies that the offeror does not conduct any restricted business operations in Sudan.

(n) Prohibition on Contracting with Inverted Domestic Corporations—

(1) Government agencies are not permitted to use appropriated (or otherwise made available) funds for contracts with either an inverted domestic corporation, or a subsidiary of an inverted domestic corporation, unless the exception at 9.108-2(b) applies or the requirement is waived in accordance with the procedures at 9.108-4.

(2) *Representation*. The offeror represents that—

(i) It is, is not an inverted domestic corporation; and

(ii) It is, is not a subsidiary of an inverted domestic corporation.

(o) Prohibition on contracting with entities engaging in certain activities or transactions relating to Iran.

(1) The offeror shall email questions concerning sensitive technology to the Department of State at CISADA106@state.gov.

(2) Representation and Certification. Unless a waiver is granted or an exception applies as provided in paragraph (o)(3) of this provision, by submission of its offer, the offeror—

(i) Represents, to the best of its knowledge and belief, that the offeror does not export any sensitive technology to the government of Iran or any entities or individuals owned or controlled by, or acting on behalf or at the direction of, the government of Iran;

(ii) Certifies that the offeror, or any person owned or controlled by the offeror, does not engage in any activities for which sanctions may be imposed under section 5 of the Iran Sanctions Act; and

(iii) Certifies that the offeror, and any person owned or controlled by the offeror, does not knowingly engage in any transaction that exceeds \$3,500 with Iran’s Revolutionary Guard Corps or any of its officials, agents, or affiliates, the property and interests in property of which are blocked pursuant to the International Emergency Economic Powers Act (50(U.S.C. 1701 et seq.) (see OFAC’s Specially Designated Nationals and Blocked Persons List at <http://www.treasury.gov/ofac/downloads/t11sdn.pdf>).

(3) The representation and certification requirements of paragraph (o)(2) of this provision do not apply if—

(i) This solicitation includes a trade agreements certification (e.g., 52.212-3(g) or a comparable agency provision); and

(ii) The offeror has certified that all the offered products to be supplied are designated country end products.

(p) *Ownership or Control of Offeror.* (Applies in all solicitations when there is a requirement to be registered in SAM or a requirement to have a DUNS Number in the solicitation.

(1) The Offeror represents that it has or does not have an immediate owner. If the Offeror has more than one immediate owner (such as a joint venture), then the Offeror shall respond to paragraph (2) and if applicable, paragraph (3) of this provision for each participant in the joint venture.

(2) If the Offeror indicates “has” in paragraph (p)(1) of this provision, enter the following information:

Immediate owner CAGE code: _____

Immediate owner legal name: _____

(Do not use a “doing business as” name)

Is the immediate owner owned or controlled by another entity:

Yes or No.

(3) If the Offeror indicates “yes” in paragraph (p)(2) of this provision, indicating that the immediate owner is owned or controlled by another entity, then enter the following information:

Highest level owner CAGE code: _____

Highest level owner legal name: _____

(Do not use a “doing business as” name)

(End of Provision)

**ADDENDUM TO OFFEROR REPRESENTATIONS AND CERTIFICATIONS FAR AND
DOSAR PROVISION(S) NOT PRESCRIBED IN PART 12**

652.225-70 ARAB LEAGUE BOYCOTT OF ISRAEL (AUG 1999)

(a) Definitions. As used in this provision:

Foreign person means any person other than a United States person as defined below.

United States person means any United States resident or national (other than an individual resident outside the United States and employed by other than a United States person), any domestic concern (including any permanent domestic establishment of any foreign concern), and any foreign subsidiary or affiliate (including any permanent foreign establishment) of any domestic concern which is controlled in fact by such domestic concern, as provided under the Export Administration Act of 1979, as amended.

(b) Certification. By submitting this offer, the offeror certifies that it is not:

- (1) Taking or knowingly agreeing to take any action, with respect to the boycott of Israel by Arab League countries, which Section 8(a) of the Export Administration Act of 1979, as amended (50 U.S.C. 2407(a)) prohibits a United States person from taking; or,
- (2) Discriminating in the award of subcontracts on the basis of religion.

Note to bidder/offeror: If the bidder/offeror has indicated “yes” in blocks (a)(1), (2), or (3) of the following provision, the bidder/offeror shall include Defense Base Act insurance costs covering those employees in their proposed prices. The bidder/offeror may obtain DBA insurance directly from any Department of Labor approved providers at the DOL website at <http://www.dol.gov/owcp/dlhwc/lscarrier.htm>.

652.228-70 DEFENSE BASE ACT – COVERED CONTRACTOR EMPLOYEES (JUN 2006)

(a) Bidders/offerors shall indicate below whether or not any of the following categories of employees will be employed on the resultant contract, and, if so, the number of such employees:

Category	Yes/No	Number	
(1) United States citizens or residents			
(2) Individuals hired in the United States, regardless of citizenship			
(3) Local nationals or third country nationals where contract performance		local nationals:	

takes place in a country where there are no local workers' compensation laws		third-country nationals:	
(4) Local nationals or third country nationals where contract performance takes place in a country where there are local workers' compensation laws		local nationals:	
		third-country nationals:	

(b) The Contracting officer has determined that for performance in the country of Benin

- Workers' compensation laws exist that will cover local nationals and third country nationals.
- Workers' compensation laws do not exist that will cover local nationals and third country nationals.

(c) If the bidder/offeror has indicated "yes" in block (a)(4) of this provision, the bidder/offeror shall not purchase Defense Base Act insurance for those employees. However, the bidder/offeror shall assume liability toward the employees and their beneficiaries for war-hazard injury, death, capture, or detention, in accordance with the clause at FAR 52.228-4.

(End of provision)

The following DOSAR is provided in full text:

652.209-79 REPRESENTATION BY CORPORATION REGARDING AN UNPAID DELINQUENT TAX LIABILITY OR A FELONY CRIMINAL CONVICTION UNDER ANY FEDERAL LAW (SEPT 2014) (DEVIATION per PIB 2014-21)

(a) In accordance with section 7073 of Division K of the Consolidated Appropriations Act, 2014 (Public Law 113-76) none of the funds made available by that Act may be used to enter into a contract with any corporation that –

(1) Was convicted of a felony criminal violation under any Federal law within the preceding 24 months, where the awarding agency has direct knowledge of the conviction, unless the agency has considered, in accordance with its procedures, that this further action is not necessary to protect the interests of the Government; or

(2) Has any unpaid Federal tax liability that has been assessed for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability, where the awarding agency has direct knowledge of the unpaid tax liability, unless the Federal agency has considered, in accordance with its procedures, that this further action is not necessary to protect the interests of the Government.

For the purposes of section 7073, it is the Department of State's policy that no award may be made to any corporation covered by (1) or (2) above, unless the Procurement Executive has made a written determination that suspension or debarment is not necessary to protect the interests of the Government.

(b) Offeror represents that—

(1) It is [] is not [] a corporation that was convicted of a felony criminal violation under a Federal law within the preceding 24 months.

(2) It is [] is not [] a corporation that has any unpaid Federal tax liability that has been assessed for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.

(End of provision)