03/09/2022

General Services Office
US Embassy Cotonou
01 BP 2012 RP
Boulevard de la Marina
Cotonou, Benin

Dear Prospective Bidders:

SUBJECT: Solicitation Number 19BN1522Q0007
Preventive Maintenance of Air Handling Units & Associated Motor Starters/VFD's

Enclosed is a Request for Quotations (RFQ) for air handling units and associated motor starters services. If you would like to submit a quotation, follow the instructions in Section 3 of the solicitation, complete the required portions of the attached document, and submit it to the address shown on the Standard Form 1449 that follows this letter.

The U.S. Government intends to award a contract/purchase order to the responsible company submitting an acceptable quotation at the lowest price. We intend to award a contract/purchase order based on initial quotations, without holding discussions, although we may hold discussions with companies in the competitive range if there is a need to do so.

Quotations are due **by 10:00 AM local time on March 28, 2022**. This opportunity allows for electronic response only to cotonougsobids@state.gov. Please submit your offer prior to the response date and time. Proposals received after this date and time will not be accepted.

All contractors must register in the SAM (System for Award Management) Database https://www.sam.gov prior to contract award pursuant to FAR provision 52.204-7. Prospective offerors are encouraged to register prior to the submittal of proposals.

Direct any questions regarding this solicitation to the Contracting Officer at cotonougsobids@state.gov.

Sincerely,

Laurel C Delmonico
Contracting Officer

Enclosure:
As stated.

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

1. REQUISITION NUMBER **PR10373423**

2. CONTRACT NO.

3. AWARD/EFFECTIVE DATE

4. ORDER NUMBER

5. SOLICITATION NUMBER **19BN152Q0007**

6. SOLICITATION ISSUE DATE 03/09/2022

7. FOR SOLICITATION INFORMATION CALL:

a. NAME **Ayawo Agboto**

b. TELEPHONE NUMBER(No collect calls) 21367977

8. OFFER DUE DATE/ LOCAL TIME **03/28/2022 @ 10:00AM**

9. ISSUED BY CODE

US EMBASSY COTONOU

General Services Office
Boulevard de la Marina
01 BP 2012

Cotonou, Benin

10. THIS ACQUISITION IS

☒ UNRESTRICTED OR ☐ SET ASIDE:____ % FOR:

☐ SMALL BUSINESS

☐ WOMEN-OWNED SMALL BUSINESS

☐ HUBZONE SMALL BUSINESS

☐ (WOSB) ELLIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM NAICS:

☐ SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS

☐ EDWOSB

☐ 8 (A) SIZE STANDARD:

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED

☐ SEE SCHEDULE

12. DISCOUNT TERMS N/A

☐ 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)

13b. RATING

14. METHOD OF SOLICITATION

☒ RFQ ☐ IFB ☐ RFP

15. DELIVER TO CODE

US EMBASSY COTONOU
General Servicee Office
Blvrd de la Marina
01 BP 2012

16. ADMINISTERED BY CODE

FACILITY MANAGEMENT OFFICE
US EMBASSY COTONOU
Blvrd de la Marina
Cotonou, Benin

17a. CONTRACTOR/ OFFERER CODE FACILITY CODE

TELEPHONE NO.

18a. PAYMENT WILL BE MADE BY CODE

FINANCIAL MANAGEMENT OFFICE
US EMBASSY COTONOU
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
	Preventive maintenance of air handling units and associated motors starters *(Use Reverse and/or Attach Additional Sheets as Necessary)*				

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 ____ 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)* Laurel C Delmonico

31c. DATE SIGNED

AUTHORIZED FOR LOCAL REPRODUCTION
(REV. 02/2012)
PREVIOUS EDITION IS NOT USABLE

Computer Generated

STANDARD FORM 1449

Prescribed by GSA - FAR (48 CFR) 53.212

SECTION 1 - THE SCHEDULE

Continuation/Addendum to SF-1449
RFQ Number 19BN1522Q0007
PRICES, BLOCK 23

NOTE: If applicable at the time of award add the below to the SF-1449:

JAMES ZADROGA 9/11 VICTIMS HEALTH AND COMPENSATION ACT OF 2010 NOTICE: UNLESS A WAIVER OR EXCEPTION APPLIES, PAYMENTS SUBSEQUENT TO THIS PROCUREMENT ARE SUBJECT TO AN EXCISE TAX OF 2% PERSUANT TO 26 U.S.C. 5000C.

1.0 DESCRIPTION

The U.S. Embassy in Cotonou, Benin requires preventive maintenance services for air handling units and associated motor starters in safe, reliable and efficient operating condition. The contract type is a firm fixed price contract for routine maintenance services paid at the rate below. These rates include all costs associated with providing Air Handling Unit and Motor maintenance services in accordance with manufacturer's warranty including materials, labor, insurance (see FAR 52.228-4 and 52.228-5), overhead, profit and VAT (if applicable). The contract will be for a one-year period, with four one-year optional periods of performance.

2.0 PRICING

The currency of this contract is _____ (Offeror to identify currency). Local offeror shall quote in XOF, Franc CFA.

2.1 VALUE ADDED TAX

VALUE ADDED TAX. Value Added Tax (VAT) is not applicable to this contract and shall not be included in the CLIN rates or Invoices because the U.S. Embassy has a tax exemption certificate from the host government.

2.2 Base Year - The Contractor shall provide the services shown below for the base period of the contract, starting on the date stated in the Notice to Proceed and continuing for a period of 12 months. The fixed unit prices, estimated quantities, and ceiling for each category are:

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 (see list of the equipment on the paragraph -4.0)	08	Annual			
002	Tech. check reports & Permits	01	Annual			
	Total Base Year					

2.3 Option Year 1 - The Contractor shall provide the services shown below for Option Year 1, starting one year after the date stated in the Notice to Proceed and continuing for a period of 12 months.

CLIN	Description	Quantity of Equipment	Type of services	No. of servic e	Unit price / service ($)	Total per year ($)
101	Routine Scheduled Maintenance for the Chancery and Marine house AHU (see list of the equipment on the paragraph -4.0)	08	Annual			
102	Tech. check reports & Permits	01	Annual			
	Total Option Year 1					

2.4 Option Year 2 - The Contractor shall provide the services shown below for Option Year 2, starting two years after the date stated in the Notice to Proceed 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 (see list of the equipment on the paragraph -4.0)	08	Annual			
202	Tech. check reports & Permits	01	Annual			
	Total Option Year 2					

2.5 Option Year 3 - The Contractor shall provide the services shown below for Option Year 3, starting three years after the date stated in the Notice to Proceed 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 (see list of the equipment on the paragraph -4.0)	08	Annual			
302	Tech. check reports & Permits	01	Annual			
	Total Option Year 3					

2.6 Option Year 4 - The Contractor shall provide the services shown below for Option Year 4, starting four years after the date stated in the Notice to Proceed 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 (see list of the equipment on the paragraph -4.0)	08	Annual			
402	Tech. check reports & Permits	01	Annual			
	Total Option Year 4					

Base Year Total	
Option Year 1 Total	
Option Year 2 Total	
Option Year 3 Total	
Option Year 4 Total	
GRAND TOTAL OF BASE YEAR PLUS ALL OPTION YEARS	

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.

CONTINUATION/ADDENDUM TO SF-1449
RFQ Number 19BN1522Q0007
SCHEDULE OF SUPPLIES/SERVICES, BLOCK 20
DESCRIPTION/SPECIFICATION/WORK STATEMENT

1.0 SCOPE OF WORK

The U.S. Embassy/Consulate in Cotonou requires the Contractor to maintain the air handling units identified in Exhibit A in safe, reliable and efficient operating condition. The Contractor shall provide all necessary managerial, administrative and direct labor personnel, and as well as all necessary transportation, equipment, tools, supplies and materials required to perform inspection, maintenance and component replacement as required to maintain the air handling units in accordance with the manufacturer's specifications.

2.0 HOURS OF PERFORMANCE

The Contractor shall schedule all routine maintenance and repair work during normal building hours which are defined as 8:00 AM to 4:30 PM Monday to Friday, excluding US Government and local holidays, unless approved in advance by the Contracting Officer's Representative (COR).

3.0 ACCESS TO GOVERNMENT BUILDINGS AND STANDARDS OF CONDUCT

3.1 General. The Contractor shall designate a representative who shall supervise the Contractor's elevator mechanics and be the Contractor's liaison with the U.S. Embassy/Consulate. The Contractor's employees shall be on-site only for contractual duties and not for any other business or purposes. Contractor employees shall have access to the equipment areas and will be escorted by the Embassy personnel.

3.2 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 to be used on this Contract prior to their utilization. Submission of information shall be made within 30 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.**

3.3 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.
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

3.4 The Contractor must comply with all of the following requirements relating to the protection of U.S. Embassy in COTONOU 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 COTONOU 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.

3.5 Security Clearances. All Work locations 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).

3.6 Standards of Conduct

3.6.1 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.

3.6.2 Uniforms and Personal Equipment. The Contractor's employees shall wear clean, neat and complete uniforms when on duty. All employees shall wear uniforms approved by the Contracting Officer's Representative (COR). The Contractor shall provide, to each employee and supervisor, uniforms and personal equipment. The Contractor shall be responsible for the cost of purchasing, cleaning, pressing, and repair of the uniforms.

3.6.3 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.

3.6.4 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.

3.6.5 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.

3.6.6 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.

3.6.7 Key Control.
The Contractor **will not** be issued any keys. The keys will be checked out by a “Cleared American” escort on the day of service requirements.

3.6.8 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.

4.0 WORK REQUIREMENTS

4.1 General. The Contractor shall provide full service to standard maintenance requirements. The Contractor shall maintain the air handling units so that the air handling units and motor are

in a safe and efficient operating condition at all times. Please see equipment list included in Exhibit A "Equipment Description" for a more detailed description.

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

The air handling units shall be clean and in good operating condition upon completion of the service. The preventive maintenance service shall result in the parts of the system serviced being in a condition to operate efficiently and effectively.

5.0 SCHEDULED PREVENTIVE MAINTENANCE

5.1 General

5.1.1
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.
.

5.1.2. The Contractor shall inventory, supply and replace expendable parts (e.g., filters, belts, hoses, gaskets) that have become worn 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 shall inventory the supply after each visit and order replacement supplies and have them delivered on site. Maintenance materials shall be unused and are to be industry standard and intended for the task to be performed. Parts shall be OEM approved. Refrigerants shall meet the AHRI Standard 700-2015 or most recent AHRI Standards.

5.1.3 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.

5.1.4. Replacement/repair of any electronic or electrical parts shall 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.

5.1.5. Stocking of recommended repair parts is at the discretion of the Facility Manager and is dependent upon the nearest location of the Equipment manufacturer, distributor or dealer. A recommended spare parts list shall be obtained by the contractor from the manufacturer or distributor and provided to the Facility Manager to procure.

5.1.6. Parts/materials/tools procurement and delivery for the CAA/PCC areas shall be at the discretion of the Regional Security Officer (RSO).

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

5.1.8. 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.

5.1.9. It is the responsibility of the Contractor to perform all manufacturers' recommended preventive maintenance including preventive maintenance recommended by the manufacturers' technical manuals for the respective equipment.

5.1.10 Additionally, the maintenance contractor shall obtain and keep at the post O&M binders provided by the manufacturers. These binders shall be placed in a location accessible to post personnel to review as needed.

6.0 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.

6.1 Contractor furnished materials include but are not limited to appropriate tools, testing equipment, safety shoes and apparel for technicians, hands, hearing and eye protection, MSDS, 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), shall be maintained in the onsite inventory. See 5.1.2.

6.2 Repairs are not included in this contract. See 5.1.3. Exclusions.

6.3 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.

7.0 SOFTWARE, LICENCES AND PASSWORDS

Copies of any and all software and licenses needed to control or to adjust the communications module shall be given to the post upon completion of the work.

8.0 DELIVERABLES

1. Provide a typewritten report to Post Facilities Manager containing following:

a) System information (make, model, all devices types)
b) Pass/Fail of each feature and type of component tested. If a device fails, note device type, address and location within Post
c) Any comments on system (or device) condition pertaining to service life and dependability.
d) Full printout of test from system printer
e) Testing of exhaust gas by Gas Analyzer

The following items shall be delivered under this contract:

Description	QTY	Delivery Date	Deliver to
Names, biographic data, police clearance on Contractor personnel (#3.3)	1	30 days after contract award	COR
Certificate of Insurance (#9.2)	1	30 days after contract award	CO
PM Checklist signed by Contractor's employee (#5.1.2)	1	After completion of each maintenance service	COR

INSURANCE REQUIREMENTS

9.1 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.

9.2 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:

Comprehensive General Liability

Bodily Injury	$30,000 per occurrence
Property Damage	$25,000 per occurrence

Workers' Compensation and Employer's Liability

Workers' Compensation and Occupational Disease * per occurrence

Statutory, as required by host country law

Employer's Liability $30,000 per occurrence

9.3 Worker's Compensation Insurance. The Contractor agrees to provide all employees with worker's compensation benefits as required by the laws of either the country in which the employees are working or the employee's native country, whichever offers greater benefits, following FAR 52.228-4 "Worker's Compensation and War-Hazard Insurance Overseas".

10.0 PERMITS

Not Applicable

11.0 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 ensure 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.

12.0 GOVERNMENT FURNISHED PROPERTY/EQUIPMENT

Not Applicable

13.0 QUALITY ASSURANCE AND SURVEILLANCE PLAN (QASP)

13.1 This plan provides an effective method to promote satisfactory contractor performance. The QASP 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 monitor quality to ensure that contract standards are achieved.

Performance Objective	Scope of Work Para	Performance Threshold
Services. Performs all preventive maintenance of handling units set forth in the scope of work.	1. thru 12 & Exhibit A	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 should 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 will 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

Within 30 days after the 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 from 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.

EXHIBIT A

Statement of Work

I. GENERAL INFORMATION:

The United States Embassy COTONOU, in Benin requires professional services and contractor cost proposals to perform preventive maintenance services of the facility's Air Handling Units Direct Drive.

II. PROJECT REQUIREMENTS:

DESCRIPTION OF EQUIPMENT *:

**Please see attachment at the end of this sheet for more details*

All equipment listed in the table below were in 2015 – they are well maintained and in good working condition. There is no issue to flag up so far.

Mfter	***Eq Model***	***Number***	***Name***	***Location***	***Tech Capacity***
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

2.0 COMPONENTS (262923 VARIABLE FREQUENCY MOTOR CONTROLLERS)

Loop	Description	CMMS ID	Location	PM No.	Manufacturer	Model	Serial No.
MSGQ HVAC AHU	VAR FREQ DR, M-AHU-1	1393	MSGQ 1ST FL MECH RM M1M1	VD94	ABB INC	ACH550-ACR-015A-4+F267+K452	2141300439
MSGQ HVAC FANS	VAR FREQ DR, M-EF-02	1394	MSGQ 2ND FL STORAGE M202	VD94	ABB INC	ACH550-VCR-03A3-4+F267+K452	2113403353
NOB HVAC AHU	VAR FREQ DR, N-AHU-1	1395	NOB 1ST FL MECH RM 11M1	VD94	ABB INC	ACH550-ACR-023A-4+F267+K452	2141300461
NOB HVAC AHU	VAR FREQ DR, N-AHU-2	1396	NOB 1ST FL MECH RM 11M1	VD94	ABB INC	ACH550-ACR-012A-4+F267+K452	2141300424
NOB HVAC AHU	VAR FREQ DR, N-AHU-3	1397	NOB 2ND FL MECH RM 21M1	VD94	ABB INC	ACH550-BCR-038A-4+F267+K452	2141300220
NOB HVAC AHU	VAR FREQ DR, N-AHU-4	1398	NOB 2ND FL MECH RM 21M1	VD94	ABB INC	ACH550-BCR-038A-4+F267+K452	2141300209
NOB HVAC AHU	VAR FREQ DR, N-AHU-5	1399	NOB 2ND FL MECH RM 21M1	VD94	ABB INC	ACH550-VCR-023A-4+F267+K452	2141300463
NOB HVAC AHU	VAR FREQ DR, N-AHU-6	1401	NOB 3RD FL MECH RM 31M1	VD94	ABB INC	ACH550-BCR-081A-4+F267+K452	2141300228
NOB HVAC AHU	VAR FREQ DR, N-AHU-7	1402	NOB 3RD FL MECH RM 31M1	VD94	ABB INC	ACH550-VCR-031A-4+F267+K452	2141300432

III. GENERAL REQUIREMENTS:

The Contractor under this SOW shall be responsible for labor, tools, and materials required to carry out all preventive maintenance as outlined in this SOW. The Government has the O&M manuals for the Trane Brand Air handling Units available on site. The technician shall sign off on every task specified in the Statement of Work and will provide a typewritten copy of their report to the COR or the COR's designate within five business days of each maintenance visit.

IV. SCOPE OF WORK - - AIR HANDLING UNIT MAINTENANCE

Contractor shall provide all materials, supervision, labor, tools and equipment to perform preventive maintenance. All personnel working in the vicinity shall wear and /or 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 (POSHO) immediately. The SDS copies will be provided to the COR for approval. If any discrepancies are found with the Air Handling Units that are not covered under this scope of work the contractor shall 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.

SAFETY AND SPECIAL INSTRUCTIONS:

1. Follow site safety procedures and supervisor's instructions.
2. Schedule outage with operating personnel.
3. Use extreme caution when climbing access ladders.
4. Perform applicable lockout/tag out steps of site safety procedures.
5. Lockout and disconnect the main power before tightening the main supply lugs in order to avoid the hazard of electrical shock, which could result in serious personal injury or death.
6. Record and report equipment damage or deficiencies.
7. Review and follow the manufacturer's O&M instructions.
8. Record results in the equipment history log.
9. Allow only qualified personnel to do maintenance work on this equipment.
10. Record results in the equipment history log.
11. Check manufacturer's specifications for the maximum number of plugged tubes.
12. Allow only qualified personnel to do maintenance work on this equipment.

AIR HANDLING UNITS

MAINTENANCE PROCEDURES:

Note to Statement of Work Writer: *The frequencies and tasks shown in this template SOW are for reference only. The actual maintenance procedures will be determined by the manufacturer's O&M recommendations. These O&M recommendations may be obtained from the manufacturer or may already be within the post files. The manufacturer's maintenance recommendations are to be considered the minimum tasks to be provided and these tasks may be altered or increased depending upon the location of the post.*

Additionally, it may be required that the maintenance contractor shall obtain and keep at the post O&M binders provided by the manufacturers. These binders will be placed in a location accessible to post personnel to review as needed.

Monthly

1. Check the cleanliness of the filters (flat, angle, rigid, bag, HEPA & charcoal) and replace or clean as required.
2. Verify filter gauge and/or switch function properly.

Quarterly

1. Perform monthly tasks.
2. Check filter frames (filter tracks) for residual contaminates and clean as necessary.
3. Check drive kit for damage, loose parts, wear, dirt, alignment and belt tension.
4. Check belt tension.
5. Check condition of extended lubrication lines when present.
6. Clean dampers.

Semi-Annually

1. Perform quarterly tasks.
2. Inspect air hoods and air louvers for damage and debris.
3. Inspect bird screens for damage and debris.
4. Inspect mist eliminators for damage, dirt and debris.
5. Check, clean and calibrate controls.

Annually

1. Perform semi-annual tasks.
2. Clean exterior of air handler cabinet.
3. Inspect doors, handles, latches and hinges for proper operation.
4. Inspect door gaskets for damage and proper seal.
5. Inspect panels for damage.
6. Clean fan segment and fan assembly (supply, return, exhaust).
7. Check fan housing, wheel, shaft, frame, inlet vanes and bearings for damage, wear, loose parts, dirt and debris.
8. Check fan base, vibration isolators and thrust restraints for damage, wear, loose parts, dirt and debris.
9. Check flex connector for damage and wear.
10. Lubricate fan bearings.
11. Clean variable inlet vanes.
12. Check adjustable fan motor base and mounting hardware for loose parts.
13. Check adjustable fan motor base for damage.
14. Check fan motor for leaky bearing seals.
15. Check fan for motor damage.
16. Check for dirt, dust & debris in air vents on fan motor housing.
17. Clean dehumidification coils.
18. Clean condensate drain pan, trap, drain line and adjacent wetted surfaces.
19. Check Energy Recovery Wheel, clean media, adjust seals, replace belt

MOTOR STARTER /VARIABLE FREQUENCY DRIVE (5 HP TO LESS THAN 100 HP):

MAINTENANCE PROCEDURES:

Annually:

1. Vacuum dust and dirt from heat sink fins
2. Check ventilation fans for proper operation and clean as needed.
3. Check line voltage, motor & output phase balance
4. Complete RCM Procedure CM-0002 (Qualitative Infrared Testing).
5. Visually inspect for broken parts, contact arcing, or any evidence of overheating.
6. Check motor nameplate for current rating and controller manufacturer's recommended heater size (report discrepancy to supervisor).
7. Check line and load connections for tightness (check manufacturer's instructions for torque specifications).
8. Check heater mounting screws for tightness.

9. Check all control wiring connections for tightness.
10. On units equipped with motor reversing capacity, check mechanical interlock.
11. On units equipped with two-stage starting, check dash pots and timing controls for proper operation. Adjust as required.
12. On units equipped with variable speed starters:
    a. Record the VFD parameter settings using MCT-10
    b. Confirm the VFD doors and covers are in place and properly closed.
    c. Check tightness of connections to resistor bank.
    d. Check resistor coils and plates for cracking, broken wires, mounting and signs of overheating. Clean as required.
    e. Check tightness of connections to drum controller.
    f. Check contacts of drum controller for arcing and overheating. Apply a thin film of lubricant to drum controller contacts and to rotating surfaces.
13. Check starter contact connections by applying a thin film of black contact grease to line and load stabs, operate contacts and check surface contact.
14. Lubricate all moving parts with proper lubricant.
15. Clean interior of cabinet.
16. Clean exterior of cabinet.
17. Energize circuit and check operation of starter and any pilot lights. Replace as required.

Spare Parts and Expendables Inventory. [Insert list of minimum required expendable and common parts to be maintained on site by the contractor for normal maintenance to include: hoses, belts, oil, chemicals, coolant, filters (Air, Fuel, Oil), grease, sealant, thermostat, fuses]

OTHER SPARE ITEMS		
Item	**Qty**	**Description**
Dwyer 605-500 Pa	1	-
Dwyer 605-1000 Pa	1	-
Primary Door Gasket	200 Ft	-
Secondary Door Gasket	200 Ft	-
Genie GL-4 Lift	1	-
Filter Removal Trays	2	-
182 EPFN	1	Fan tag: SF-N-1
182 EPFN	1	Fan tag: SF-N-2
200 EPFN	1	Fan tag: SF-N-3
200 EPFN	1	Fan tag: SF-N-4
182 EPFN	1	Fan tag: SF-N-5
222 EPFN	1	Fan tag: SF-N-6
200 EPFN	1	Fan tag: SF-N-7

Equipment List

TRANE
Custom Air Handlers

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

Fan	Unit No.	Fan Tag	Device	Total L/S	Fan TSP, (Pa)	Elevation, M	RPM	Brake KW	Motor Nominal KW	AMCA Class	Manufacturer & Model	Fan Size
	N-AHU-1	SF-N-1	Supply	3402	1876	0	2963	8.40	11.20	III	Twin City BFPN	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	SF-N-1	Baldor	Custom	400/3/60	TEFC	Premium	AMSR-20	IO WC PZ EL DO	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-1	CC-1	3402	1.77	1	EWH110eC 1219.2 x 1874.8	4	4.30	56.6/46.43	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-1	CC-1	Wave	26.85/14.95	9.85/9.25	6.66/12.15	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	EWH110eC 1219.2 x 1874.8

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	1.63	6	F-12	SS Type 8	Flanders	PRP95344124	Dwyer 605, 600 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	1.63	6	Flanders	Flanders KF	Flanders	T-007-W-08-08-U-61-E3-SS-F	Dwyer 605, 600 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	1.63	6	Flanders	Flanders KF	Flanders	AF-0019-121-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-1	Pleated	2	3402	1.63	6	Flanders	Flanders KF	Flanders	85765.04424AR11	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	LSO	Long Silencer (outlet)		
LLX	Lube Lines to Case Exterior	OG	OSHA Drive Guard		
SF	Special Coatings	TR	Thrust Restraints		

Initial

N-AHU-1	Airflow	3403 L/s		7210 cfm
			Filters	
			6	
	12" 85%	87.18 pa		0.35 w.g.
	Hepa Filter	232.12 pa		0.93 w.g.
	Carbon Filt	259.16 pa		1.04 w.g.
	Post Filter	37.38 pa		0.15 w.g.
	Cooling Co	99.84 pa		0.40 w.g.
	ESP	996.38 pa		4.00 w.g.
	Total pa	1729.76 Calculated		6.91 Calculated

Final

N-AHU-1	Airflow	3403 L/s		7210 cfm
			Filters	
			6	
	12" 85%	224.3 pa		0.90 w.g.
	Hepa Filter	299.0 pa		1.20 w.g.
	Carbon Filter	259.2 pa		1.04 w.g.
	Post Filter	0.0 pa		0.00 w.g.
	Cooling Coil	99.5 pa		0.40 w.g.
	ESP	995.4 pa		4.00 w.g.
	Total pa	1877.3 Calculated		7.54 Calculated

TRANE
Custom Air Handlers

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

Fan	Unit No.	Fan Tag	Service	Total L/D	Fan TSP, (Pa)	Elevation, M	RPM	Brake KW	Motor Nominal KW	AMCA Class	Manufacturer & Model	Fan Size
	N-AHU-2	SF-N-2	Supply	1669	2155	0	2989	6.79	7.50	III	Twin City BPN	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	AMOR-2D	IG WC FZ BL SG	66	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-2	CC-2	1669	2.22	1	EWB29D5C 533.4 x 1574.8	5	3.94	30.4/9.27 S2	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-2	CC-2	Wave	21.72/14.78	9.89/9.17	5.56/12.83	1.1	48.2	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, 15mm	Copper, 9mm	SS	N/A	N/A	1400	HEATCRAFT	EWB29D5C 533.4 x 1574.8

Prefilters/Depth	Unit No.	Filter Type	UL Class	L/D	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
MERV 13/300mm	N-AHU-2	Pleated	2	1669	1.68	3	F-12	SS Type 8	Flanders	PRP65D44120	Dwyer 606, 500 Pa	Upstream

HEPA Filters	Unit No.	Filter Type	UL Class	L/D	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
99.97%	N-AHU-2	HEPA	2	1669	1.68	3	Flanders	Flanders KF	Flanders	T-DST-W-DB-DE-IU-ET-ED-DG-F	Dwyer 606, 500 Pa	Upstream

HEGA Filters	Unit No.	Filter Type	UL Class	L/D	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
	N-AHU-2	HEGA	2	1669	1.68	3	Flanders	Flanders KF	Flanders	AF-DG19-121-TF	Dwyer 606, 1000 Pa	Side

Post Filters/Depth	Unit No.	Filter Type	UL Class	L/D	Face Velocity (M/S)	Filter Qty	Fastener Type	Frame Type	Manufacturer	Filter Model	Gauge	Access
MERV 11/100mm	N-AHU-2	Pleated	2	1669	1.68	3	Flanders	Flanders KF	Flanders	8E765.0424244N11	N/A	Side

Feature Codes

IV	Inlet Vanes	CF	Companion Flange	FF	Front Flange
IG	Inlet Screen	WC	Wheel Cage		
OG	Outlet Screen	DE	Duct Equalizer		
UB	Unitary Base	DEF	Duct Equalizer w Flange		
IB	Inertia Base	SDO	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		

Initial

N-AHU-2	Airflow	1669 L/s	3540 cfm
		Filters 3	
	12" 85%	108.76 pa	0.43 w.g.
	Hepa Filter	264.96 pa	1.32 w.g.
	Carbon Fill	284.68 pa	1.14 w.g.
	Post Filter	41.06 pa	0.17 w.g.
	Cooling Co	148.82 pa	0.59 w.g.
	EDP	996.58 pa	4.00 w.g.
	Total pa.	1839.87 Calculated	7.35 Calculated

Final

N-AHU-2	Airflow	1669 L/s	3540 cfm
		Filters 3	
	12" 85%	246.4 pa	0.99 w.g.
	Hepa Filter	328.6 pa	1.32 w.g.
	Carbon Filter	284.7 pa	1.14 w.g.
	Post Filter	0.0 pa	0.00 w.g.
	Cooling Coil	148.8 pa	0.59 w.g.
	EDP	996.4 pa	4.00 w.g.
	Total pa.	2001.7 Calculated	8.04 Calculated

TRANE
Custom Air Handlers

Job: UDE BENIN
BQ 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-3	SF-N-3	Supply	4646	2210	0	2976	15.18	18.60	III	Twin City BFPN	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	AMOR-2D	IG WC PZ BL 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-3	CC-3	4646	2.31	1	EWH110HC 1219.2 x 1651.0	4	4.30	79.6/73.21	Yes

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-3	CC-3	Wave	22.7/14.89	9.93/8.97	6.66/12.00	3.0	67.3	160

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	SS	N/A	N/A	1400	HEATCRAFT	EWH110HC 1219.2 x 1651.0

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-3	Pleated	2	4646	2.08	6	F-12	50 Type 8	Flanders	PRP50044412H	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-3	HEPA	2	4646	2.08	6	Flanders	Flanders KF	Flanders	T-00T-W-09-05-U-61-E3-SG-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-3	HEGA	2	4646	2.08	6	Flanders	Flanders KF	Flanders	AP-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-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	LSO	Long Silencer (outlet)		
LLX	Lube Lines to Case Exterior	OG	OSHA Drive Guard		
SP	Special Coatings	TR	Thrust Restraints		

Initial

N-AHU-3	Airflow	4646 L/s		9845 cfm
		Filters 6		
	12" 85%	192.70 pa		0.53 w.g.
	Hepa Filter	516.96 pa		1.27 w.g.
	Carbon Flt	563.67 pa		1.42 w.g.
	Post Filter	61.04 pa		0.21 w.g.
	Cooling Co	146.82 pa		0.59 w.g.
	ESP	996.58 pa		4.00 w.g.
	Total pa.	1996.77 Calculated		8.02 Calculated

Final

N-AHU-3	Airflow	4646 L/s		9845 cfm
		Filters 6		
	12" 85%	306.2 pa		1.23 w.g.
	Hepa Filter	406.3 pa		1.64 w.g.
	Carbon Filter	563.9 pa		1.42 w.g.
	Post Filter	0.0 pa		0.00 w.g.
	Cooling Coil	146.8 pa		0.59 w.g.
	ESP	996.4 pa		4.00 w.g.
	Total pa.	2219.6 Calculated		8.88 Calculated

TRANE
Custom Air Handlers

Job: UDE 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 Dia
	N-AHU-4	SF-N-4	Supply	4684	2232	0	2994	15.46	18.60	III	Twin City BFPN	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	400/3/50	TEFC	Premium	AMSR-2D	IS WC PZ BL DD	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 1674.8	4	4.30	79.59/67.29	Yes

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-4	CC-4	Wave	21.7/14.72	9.97/9.17	6.68/12.03	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 1674.8

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-4	Pleated	2	4684	2.10	6	F-12	SS Type 8	Flanders	PRP85044412H	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-4	HEPA	2	4684	2.10	6	Flanders	Flanders KF	Flanders	T-055T-W-08-08-U-E1-E3-SS-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-4	HEGA	2	4684	2.10	6	Flanders	Flanders KF	Flanders	AP-SG19-121-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-4	Pleated	2	4684	2.10	6	Flanders	Flanders KF	Flanders	85795.0424244M11	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	SDO	Short Silencer (outlet)		
EL	Extended Lube Fittings	LDO	Long Silencer (outlet)		
LLX	Lube Lines to Case Exterior	OG	OSHA Drive Guard		
DF	Special Coatings	TR	Thrust Restraints		

Initial

N-AHU-4	Airflow	4684 L/s		9925 cfm
			Filters	
			6	
	12" 85%	133.78 pa		0.54 w.g.
	Hepa Filter	319.63 pa		1.28 w.g.
	Carbon Fil	356.76 pa		1.43 w.g.
	Post Filter	51.46 pa		0.21 w.g.
	Cooling Co	159.28 pa		0.64 w.g.
	EDP	996.38 pa		4.00 w.g.
	Total pa.	2016.16 Calculated		8.10 Calculated

Final

N-AHU-4	Airflow	4684 L/s		9925 cfm
			Filters	
			6	
	12" 85%	308.7 pa		1.24 w.g.
	Hepa Filter	411.6 pa		1.65 w.g.
	Carbon Filter	356.7 pa		1.43 w.g.
	Post Filter	0.0 pa		0.00 w.g.
	Cooling Coil	159.3 pa		0.64 w.g.
	EDP	996.4 pa		4.00 w.g.
	Total pa.	2231.7 Calculated		8.97 Calculated

TRANE
Custom Air Handlers

Job: USE BENIN
BQ 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-6	SF-N-6	Supply	3282	2033	0	2961	9.76	11.20	III	Twin City EPN	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-6	SF-N-6	Baldor	Custom	400/3/50	TEFC	Premium	AMSR-DD	IS WC PZ BL DD	104	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-6	CC-6	3282	2.26	1	EWE1008C 1143.0 x 1270.0	8	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-6	CC-6	Wave	22.78/14.78	9.64/8.82	6.56/12.16	2.3	41.7	160

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, .15mm	Copper, .9mm	SS	N/A	N/A	1400	HEATCRAFT	EWE1008C 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-6	Pleated	2	3282	1.47	6	P-12	SS Type 8	Flanders	PRP65G4412H	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	3282	1.47	6	Flanders	Flanders KF	Flanders	Y-001-W-08-05-U-01-E3-SS-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	3282	1.47	6	Flanders	Flanders KF	Flanders	AF-SG19-121-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-6	Pleated	2	3282	1.47	6	Flanders	Flanders KF	Flanders	65795.042424N11	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	SDO	Short Silencer (outlet)		
EL	Extended Lube Fittings	LDO	Long Silencer (outlet)		
LLX	Lube Lines to Case Exterior	OG	OSHA Drive Guard		
SP	Special Coatings	TR	Thrust Restraints		

Initial

N-AHU-6	Airflow	3282 L/s		6955 cfm
			Filters 6	
	12" 85%	93.76 pa		0.38 w.g.
	Hepa Filter	223.91 pa		0.90 w.g.
	Carbon Filt	249.99 pa		1.00 w.g.
	Post Filter	36.00 pa		0.14 w.g.
	Cooling Co	164.24 pa		0.66 w.g.
	EDP	996.38 pa		4.00 w.g.
	Total pa.	1763.33 Calculated		7.09 Calculated

Final

N-AHU-6	Airflow	3282 L/s		6955 cfm
			Filters 6	
	12" 85%	216.3 pa		0.87 w.g.
	Hepa Filter	288.4 pa		1.16 w.g.
	Carbon Filter	249.0 pa		1.00 w.g.
	Post Filter	0.0 pa		0.00 w.g.
	Cooling Coil	164.2 pa		0.66 w.g.
	EDP	996.4 pa		4.00 w.g.
	Total pa.	1914.4 Calculated		7.69 Calculated

TRANE
Custom Air Handlers

Job: UOE 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 Dia
	N-AHU-6	SF-N-6	Supply	5889	2128	0	2942	18.46	22.40	III	Twin City BFPN	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	SF-N-6	Baldor	Custom	400/3/50	TEFC	Premium	AMOR-20	IG WC PZ BL DG	94	100

Cooling Coil	Unit No.	Coil Tag	Air Flow, (L/S)	Face Velocity, (M/S)	No. Cells	Model No. and Dim, HXW	Rows	Fins per cm	Capacity TOTAL/SENSIBLE, KW	Turbulators
	N-AHU-6	CC-6	5889	2.24	1	SW-0140-48 1219.2 x 2159.0	4	5.90	102.3/94.06	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	23.00/16.00	9.34/9.03	5.56/12.06	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, .9mm	SS	N/A	N/A	1400	HEATCRAFT	SW-0140-48 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	P-12	SS Type 8	Flanders	PRP65.944.12H	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	Y-DOY-W-08-08-U-E1-E3-SS-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-SGTB-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-6	Pleated	2	5889	2.64	6	Flanders	Flanders KF	Flanders	86795.0424.24M11	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	LSO	Long Silencer (outlet)		
LLX	Lube Lines to Case Exterior	OG	OSHA Drive Guard		
SP	Special Coatings	TR	Thrust Restraints		

Initial

N-AHU-6	Airflow	5889 L/s	12480 cfm
		Filters	
		6	
	12" 85%	126.18 pa	0.51 w.g.
	Hepa Filter	301.24 pa	1.21 w.g.
	Carbon Filt	336.44 pa	1.35 w.g.
	Post Filter	48.62 pa	0.20 w.g.
	Cooling Co	116.86 pa	0.47 w.g.
	ESP	996.38 pa	4.00 w.g.
	Total pa.	1924.81 Calculated	7.73 Calculated

Final

N-AHU-6	Airflow	5889 L/s	12480 cfm
		Filters	
		6	
	12" 85%	291.1 pa	1.17 w.g.
	Hepa Filter	588.2 pa	1.86 w.g.
	Carbon Filter	336.4 pa	1.35 w.g.
	Post Filter	0.0 pa	0.00 w.g.
	Cooling Coil	117.6 pa	0.47 w.g.
	ESP	996.4 pa	4.00 w.g.
	Total pa.	2129.1 Calculated	8.85 Calculated

TRANE
Custom Air Handlers

Job: UOB BENIN
BQ 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-7	SF-N-7	Supply	4668	2130	1400	2976	14.41	11.25	III	Twin City BFPN	250

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	460/3/60	TEFC	Premium	AMR-2D	IS WC PZ EL DS	108	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	4668	2.12	1	SWCSNSBC 1371.6 x 1600.2	8	3.60	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/Lvng Temp (C)	Flow Rate (L/S)	Fluid Press Drop (KPa)	APD (Pa)
N-AHU-7	CC-7	Wave	34.00/29.11	16.12/15.11	6.66/12.12	13.2	42.6	200

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	SWCSNSBC 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	Thermolec	Outside	10.6	10.0	11.9	460	3	60	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	4668	2.29	6	F-4	SS Type 8	Flanders	95TEE.042424 MERV 11	Common with MERV 14	Upstream

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 14/300mm	N-AHU-7	Pleated	2	4668	2.29	6	F-12	SS Type 8	Flanders	PRP95344124	Dwyer 625, 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	4668	2.29	6	Flanders	Flanders KF	Flanders	AF-DS19-121-AF	Dwyer 625, 1000 Pa	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	LSO	Long Silencer (outlet)		
LLX	Lube Lines to Case Exterior	OG	OSHA Drive Guard		
SP	Special Coatings	TR	Thrust Restraints		

Initial

N-AHU-7	Airflow	4668 L/S		9870 cfm
			Filters	
			6	
	4" MERV 11	112.67 pa		0.45 w.g.
	12" MERV 14	159.86 pa		0.64 w.g.
	Carbon Filter	102.34 pa		0.41 w.g.
	Heating Coil	49.77 pa		0.20 w.g.
	Cooling Coil	248.86 pa		1.00 w.g.
	EDP	746.64 pa		3.00 w.g.
	Total pa	1419.71 Calculated		5.71 Calculated

Final

N-AHU-7	Airflow	4668 L/S		9870 cfm
			Filters	
			6	
	4" MERV 11	375.00 pa		1.23 w.g.
	12" MERV 14	375.00 pa		1.23 w.g.
	Carbon Filter	102.34 pa		0.41 w.g.
	Heating Coil	49.77 pa		0.20 w.g.
	Cooling Coil	248.8 pa		1.00 w.g.
	EDP	746.6 pa		3.00 w.g.
	Total pa	1895.6 Calculated		7.61 Calculated

TRANE
Custom Air Handlers

Job: 12-830-92
EQ Number: 17046
Date: 5/20/2014
Revision: 1

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
	M-AHU-1	SF-M-1	Supply	2166	1570	0	2542	5.05	5.60	III	Twin City DFPN	132

	Unit No.	Fan Tag	Motor Manufacturer	Motor Model Number	Volts/Ph/HZ	Motor Enclosure	Motor Efficiency	Isolator Type	Feature Codes	Wheel Width, %	Wheel Diameter, %
	M-AHU-1	SF-M-1	Baldor	Custom	460/3/60	TEFC	Premium	AMBR-CS	IS WC PZ EL DG	61	108

Cooling Coil	Unit No.	Coil Tag	Air Flow (L/S)	Face Velocity (M/S)	No. Coils	Model No. and Size HWM	Rows	Fins per cm	Capacity TOTAL/SENSIBLE KW	Turbulators
	M-AHU-1	CC	2166	1.79	1	12W41108A 12-1/8 x 36H	8	4.33	87.1/43.40	No

Unit No.	Coil Tag	Fin Design	Air Ent Temp DB/WB (C)	Air Lvg Temp DB/WB (C)	Suction Temp (C)	Liquid Temp @	Super Heat Temp @	APD (Pa)
M-AHU-1	CC	Plat	27.3/21.8	8.7/5.62	4.4	40.3	4.4	80

Unit No.	Coil Tag	Refrigerant	Fin Material	Tube Material	Cooling Material	Intermediate Drain	Coating	Altitude (M)	Manufacturer	Model
M-AHU-1	CC	410A	Copper, 12FPI	Copper, 9WG	SS	N/A	Electrofin	0	HEATCRAFT	12W41108A

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
12MERV / 12.5/300mm	M-AHU-1	Pleated	2	2166	1.46	4	F-10	25 Type 1	Flanders	PRP8C24F12H	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%	M-AHU-1	HEPA	2	2166	1.46	4	Flanders	Flanders KF	Flanders	T-660 W-08-05-12-ST-ED-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
	M-AHU-1	HEGA	2	2166	1.46	4	Flanders	Flanders KF	Flanders	AF-0219-12-LTP	Dwyer 605, 750 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
12MERV / 12.5/300mm	M-AHU-1	Pleated	2	2166	1.46	4	Flanders	Flanders KF	Flanders	82765 24C424MR1	N/A	Side

Feature Codes

V	Wall Vanes	CF	Compression Flange	FF	Front Flange
S	Inlet Screen	WC	Wheel Cage		
OS	Outlet Screen	SG	Shaft Grounding Ring		
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	DG	OSHA Drive Guard		
SP	Special Coatings	TR	Thrust Restraints		

Initial

M-AHU-1	Airflow	2166 L/s		4590 cfm
			Filters	
			4	
	12" 85%	74.24 pa		0.30 w.g.
	Hepa Filter	221.66 pa		0.89 w.g.
	Carbon Filter	247.48 pa		0.99 w.g.
	Post Filter	35.89 pa		0.14 w.g.
	Cooling Coil	75.53 pa		0.30 w.g.
	ESP	746.54 pa		3.00 w.g.
	Total pa	1405.24 Calculated		5.65 Calculated

Final

M-AHU-1	Airflow	2166 L/s		4590 cfm
			Filters	
			4	
	12" 85%	214.2 pa		0.86 w.g.
	Hepa Filter	286.5 pa		1.15 w.g.
	Carbon Filter	247.5 pa		0.99 w.g.
	Post Filter	0.0 pa		0.00 w.g.
	Cooling Coil	75.6 pa		0.30 w.g.
	ESP	746.5 pa		3.00 w.g.
	Total pa	1570.3 Calculated		6.32 Calculated

SECTION 2 - CONTRACT CLAUSES

FAR 52.212-4 CONTRACT TERMS AND CONDITIONS – COMMERCIAL ITEMS (OCT 2018) 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. (SEP 2021)

(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) *52.203-19*, Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements (JAN 2017) (section 743 of Division E, Title VII, of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235) and its successor provisions in subsequent appropriations acts (and as extended in continuing resolutions)).

(2) *52.204-23*, Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab and Other Covered Entities (JUL 2018) (Section 1634 of Pub. L. 115-91).

(3) *52.204-25*, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment. (AUG 2020) (Section 889(a)(1)(A) of Pub. L. 115-232).

(4) *52.209-10*, Prohibition on Contracting with Inverted Domestic Corporations (NOV 2015).

(5) *52.233-3*, Protest After Award (AUG 1996) (*31 U.S.C. 3553*).

(6) *52.233-4*, Applicable Law for Breach of Contract Claim (OCT 2004) (Public Laws 108-77 and 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 (JUNE 2020), 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 (JUN 2020) (*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 (JUN 2020) (Pub. L. 109-282) (*31 U.S.C. 6101 note*).

__ (5) [Reserved].

__ (6) *52.204-14*, Service Contract Reporting Requirements (OCT 2016) (Pub. L. 111-117, section 743 of Div. C).

__ (7) *52.204-15*, Service Contract Reporting Requirements for Indefinite-Delivery Contracts (OCT 2016) (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. (JUN 2020) (*31 U.S.C. 6101 note*).

__ (9) *52.209-9*, Updates of Publicly Available Information Regarding Responsibility Matters (OCT 2018) (*41 U.S.C. 2313*).

__ (10) [Reserved].

__ (11)

(i) *52.219-3*, Notice of HUBZone Set-Aside or Sole-Source Award (SEP 2021) (*15 U.S.C. 657a*).

__ (12)

(i) *52.219-4*, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (SEP 2021) (if the offeror elects to waive the preference, it shall so indicate in its offer) (*15 U.S.C. 657a*).

__ (13) [Reserved]

__ (14)

(i) *52.219-6*, Notice of Total Small Business Set-Aside (NOV 2020) (*15 U.S.C. 644*).

__ (ii) Alternate I (MAR 2020) of *52.219-6*.

__ (15)

(i) *52.219-7*, Notice of Partial Small Business Set-Aside (NOV 2020) (*15 U.S.C. 644*).

__ (ii) Alternate I (MAR 2020) of *52.219-7*.

__ (16) *52.219-8*, Utilization of Small Business Concerns (OCT 2018) (*15 U.S.C. 637(d)(2)* and (3)).

__ (17)

(i) *52.219-9*, Small Business Subcontracting Plan (JUN 2020) (*15 U.S.C. 637(d)(4)*).

__ (ii) Alternate I (NOV 2016) of *52.219-9*.

__ (iii) Alternate II (NOV 2016) of *52.219-9*.

__ (iv) Alternate III (JUN 2020) of *52.219-9*.

__ (v) Alternate IV (JUN 2020) of *52.219-9*

__ (18)

(i) *52.219-13*, Notice of Set-Aside of Orders (MAR 2020) (*15 U.S.C. 644(r)*).

__ (ii) Alternate I (MAR 2020) of *52.219-13*.

__ (19) *52.219-14*, Limitations on Subcontracting (SEP 2021) (*15 U.S.C. 637(a)(14)*).

__ (20) *52.219-16*, Liquidated Damages-Subcontracting Plan (SEP 2021) (*15 U.S.C. 637(d)(4)(F)(i)*).

__ (21) *52.219-27*, Notice of Service-Disabled Veteran-Owned Small Business Set-Aside (SEP 2021) (*15 U.S.C. 657f*).

__ (22)

(i) *52.219-28*, Post Award Small Business Program Rerepresentation (SEP 2021) (*15 U.S.C. 632(a)(2)*).

__ (ii) Alternate I (MAR 2020) of *52.219-28*.

__ (23) *52.219-29*, Notice of Set-Aside for, or Sole Source Award to, Economically Disadvantaged Women-Owned Small Business Concerns (SEP 2021) (*15 U.S.C. 637(m)*).

__ (24) *52.219-30*, Notice of Set-Aside for, or Sole Source Award to, Women-Owned Small Business Concerns Eligible Under the Women-Owned Small Business Program (SEP 2021) (*15 U.S.C. 637(m)*).

__ (25) *52.219-32*, Orders Issued Directly Under Small Business Reserves (MAR 2020) (*15 U.S.C. 644*(r)).

__ (26) *52.219-33*, Nonmanufacturer Rule (SEP 2021) (*15U.S.C. 637*(a)(17)).

__ (27) *52.222-3*, Convict Labor (JUN 2003) (E.O.11755).

_X_ (28) *52.222-19*, Child Labor-Cooperation with Authorities and Remedies (JAN2020) (E.O.13126).

__ (29) *52.222-21*, Prohibition of Segregated Facilities (APR 2015).

__ (30)

(i) *52.222-26*, Equal Opportunity (SEP 2016) (E.O.11246).

__ (ii) Alternate I (FEB 1999) of *52.222-26*.

__ (31)

(i) *52.222-35*, Equal Opportunity for Veterans (JUN 2020) (*38 U.S.C. 4212*).

__ (ii) Alternate I (JUL 2014) of *52.222-35*.

__ (32)

(i) *52.222-36*, Equal Opportunity for Workers with Disabilities (JUN 2020) (*29 U.S.C. 793*).

__ (ii) Alternate I (JUL 2014) of *52.222-36*.

__ (33) *52.222-37*, Employment Reports on Veterans (JUN 2020) (*38 U.S.C. 4212*).

__ (34) *52.222-40*, Notification of Employee Rights Under the National Labor Relations Act (DEC 2010) (E.O. 13496).

_X_ (35)

(i) *52.222-50*, Combating Trafficking in Persons (OCT 2020) (*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).

__ (36) *52.222-54*, Employment Eligibility Verification (OCT 2015). (Executive Order 12989). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in *22.1803*.)

__ (37)

(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.)

__ (38) *52.223-11*, Ozone-Depleting Substances and High Global Warming Potential Hydrofluorocarbons (Jun 2016) (E.O. 13693).

__ (39) *52.223-12*, Maintenance, Service, Repair, or Disposal of Refrigeration Equipment and Air Conditioners (JUN 2016) (E.O. 13693).

__ (40)

(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*.

__ (41)

(i) *52.223-14*, Acquisition of EPEAT®-Registered Televisions (JUN 2014) (E.O.s 13423 and 13514).

__ (ii) Alternate I (Jun2014) of *52.223-14*.

__ (42) *52.223-15*, Energy Efficiency in Energy-Consuming Products (MAY 2020) (*42 U.S.C. 8259b*).

__ (43)

(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_ (44) *52.223-18*, Encouraging Contractor Policies to Ban Text Messaging While Driving (JUN 2020) (E.O. 13513).

__ (45) *52.223-20*, Aerosols (JUN 2016) (E.O. 13693).

__ (46) *52.223-21*, Foams (Jun2016) (E.O. 13693).

__ (47)

(i) *52.224-3* Privacy Training (JAN 2017) (5 U.S.C. 552 a).

__ (ii) Alternate I (JAN 2017) of *52.224-3*.

__ (48) *52.225-1*, Buy American-Supplies (JAN2021) (*41 U.S.C. chapter 83*).

__ (49)

(i) *52.225-3*, Buy American-Free Trade Agreements-Israeli Trade Act (JAN 2021)(*41 U.S.C.chapter83*, *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 (JAN 2021) of *52.225-3*.

__ (iii) Alternate II (JAN 2021) of *52.225-3*.

__ (iv) Alternate III (JAN 2021) of *52.225-3*.

__ (50) *52.225-5*, Trade Agreements (OCT 2019) (*19 U.S.C. 2501*, et seq., *19 U.S.C. 3301* note).

__ (51) *52.225-13*, Restrictions on Certain Foreign Purchases (FEB 2021) (E.O.'s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

__ (52) *52.225-26*, Contractors Performing Private Security Functions Outside the United States (Oct 2016) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; *10 U.S.C. 2302Note)*.

__ (53) *52.226-4*, Notice of Disaster or Emergency Area Set-Aside (Nov2007) (*42 U.S.C. 5150*).

__ (54) *52.226-5*, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov2007) (*42 U.S.C. 5150*).

__ (55) *52.229-12*, Tax on Certain Foreign Procurements (FEB 2021) .

_X_ (56) *52.232-29*, Terms for Financing of Purchases of Commercial Items (FEB 2002) (*41 U.S.C. 4505*, *10 U.S.C. 2307(f)*).

__ (57) *52.232-30*, Installment Payments for Commercial Items (Jan 2017) (*41 U.S.C. 4505*, *10 U.S.C. 2307(f)*).

_X_ (58) *52.232-33*, Payment by Electronic Funds Transfer-System for Award Management (OCT2018) (*31 U.S.C. 3332*).

__ (59) *52.232-34*, Payment by Electronic Funds Transfer-Other than System for Award Management (Jul 2013) (*31 U.S.C. 3332*).

__ (60) *52.232-36*, Payment by Third Party (MAY 2014) (*31 U.S.C. 3332*).

__ (61) *52.239-1*, Privacy or Security Safeguards (AUG 1996) (*5 U.S.C. 552a*).

__ (62) *52.242-5*, Payments to Small Business Subcontractors (JAN 2017) (*15 U.S.C. 637(d)(13)*).

__ (63)

(i) *52.247-64*, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (*46 U.S.C. 55305* and *10 U.S.C. 2631*).

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

__ (iii) Alternate II (FEB 2006) 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:

__ (1) *52.222-41*, Service Contract Labor Standards (AUG 2018) (*41 U.S.C. chapter67*).

__ (2) *52.222-42*, Statement of Equivalent Rates for Federal Hires (MAY 2014) (*29 U.S.C. 206* and *41 U.S.C. chapter 67*).

__ (3) *52.222-43*, Fair Labor Standards Act and Service Contract Labor Standards-Price Adjustment (Multiple Year and Option Contracts) (AUG 2018) (*29 U.S.C. 206* and *41 U.S.C. chapter 67*).

__ (4) *52.222-44*, Fair Labor Standards Act and Service Contract Labor Standards-Price Adjustment (May 2014) (*29U.S.C.206* and *41 U.S.C. chapter 67*).

__ (5) *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*).

__ (6) *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*).

__ (7) *52.222-55*, Minimum Wages Under Executive Order 13658 (NOV 2020).

__ (8) *52.222-62*, Paid Sick Leave Under Executive Order 13706 (JAN 2017) (E.O. 13706).

__ (9) *52.226-6*, Promoting Excess Food Donation to Nonprofit Organizations (Jun 2020) (*42 U.S.C. 1792*).

(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, as defined in FAR *2.101*, on the date of award of this contract, 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 (JUN 2020) (*41 U.S.C. 3509*).

(ii) *52.203-19*, Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements (Jan 2017) (section 743 of Division E, Title VII, of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235) and its successor provisions in subsequent appropriations acts (and as extended in continuing resolutions)).

(iii) *52.204-23*, Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab and Other Covered Entities (JUL 2018) (Section 1634 of Pub. L. 115-91).

(iv) *52.204-25*, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment. (AUG 2020) (Section 889(a)(1)(A) of Pub. L. 115-232).

(v) *52.219-8*, Utilization of Small Business Concerns (OCT 2018) (*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 the applicable threshold specified in FAR *19.702*(a) on the date of

subcontract award, the subcontractor must include *52.219-8* in lower tier subcontracts that offer subcontracting opportunities.

(vi) *52.222-21*, Prohibition of Segregated Facilities (APR 2015).

(vii) *52.222-26*, Equal Opportunity (SEP 2015) (E.O.11246).

(viii) *52.222-35*, Equal Opportunity for Veterans (JUN 2020) (*38 U.S.C. 4212*).

(ix) *52.222-36*, Equal Opportunity for Workers with Disabilities (JUN 2020) (*29 U.S.C. 793*).

(x) *52.222-37*, Employment Reports on Veterans (JUN 2020) (*38 U.S.C. 4212*).

(xi) *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*.

(xii) *52.222-41*, Service Contract Labor Standards (AUG 2018) (*41 U.S.C. chapter 67*).

(xiii)
(A) *52.222-50*, Combating Trafficking in Persons (OCT 2020) (*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 and E.O. 13627*).

(xiv) *52.222-51*, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment-Requirements (May2014) (*41 U.S.C. chapter 67*).

(xv) *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*).

(xvi) *52.222-54*, Employment Eligibility Verification (OCT 2015) (E.O. 12989).

(xvii) *52.222-55*, Minimum Wages Under Executive Order 13658 (NOV 2020).

(xviii) *52.222-62*, Paid Sick Leave Under Executive Order 13706 (JAN 2017) (E.O. 13706).

(xix)
(A) *52.224-3*, Privacy Training (Jan 2017) (*5 U.S.C. 552a*).

(B) Alternate I (JAN 2017) of *52.224-3*.

(xx) *52.225-26*, Contractors Performing Private Security Functions Outside the United States (OCT 2016) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; *10 U.S.C. 2302 Note)*.

(xxi) *52.226-6*, Promoting Excess Food Donation to Nonprofit Organizations (JUN 2020) (*42 U.S.C. 1792*). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.

(xxii) *52.247-64*, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (*46 U.S.C. 55305* 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)

Add the following clause in full text:

52.229-12 TAX ON CERTAIN FOREIGN PROCUREMENTS—NOTICE AND REPRESENTATION (FEB 2021)

(a) *Definitions.* As used in this clause—

Foreign person means any person other than a United States person.

United States person, as defined in 26 U.S.C. 7701(a)(30), means–

(1) A citizen or resident of the United States;

(2) A domestic partnership;

(3) A domestic corporation;

(4) Any estate (other than a foreign estate, within the meaning of 26 U.S.C. 7701(a)(31)); and

(5) Any trust if-

(i) A court within the United States is able to exercise primary supervision over the administration of the trust; and

(ii) One or more United States persons have the authority to control all substantial decisions of the trust.

(b) This clause applies only to foreign persons. It implements 26 U.S.C. 5000C and its implementing regulations at 26 CFR 1.5000C-1 through 1.5000C-7.

(c)

(1) If the Contractor is a foreign person and has only a partial or no exemption to the withholding, the Contractor shall include the Department of the Treasury Internal Revenue Service Form W-14, Certificate of Foreign Contracting Party Receiving Federal Procurement Payments, with each voucher or invoice submitted under this contract throughout the period in which this status is applicable. The excise tax withholding is applied at the payment level, not at the contract level. The Contractor should revise each IRS Form W-14 submission to reflect the exemption (if any) that applies to that particular invoice, such as a different exemption applying. In the absence of a completed IRS Form W-14 accompanying a payment request, the default withholding percentage is 2 percent for the section 5000C withholding for that payment request. Information about IRS Form W-14 and its separate instructions is available via the internet at www.irs.gov/w14.

(2) If the Contractor is a foreign person and has indicated in its offer in the provision 52.229-11, Tax on Certain Foreign Procurements—Notice and Representation, that it is fully exempt from the withholding, and certified the full exemption on the IRS Form W-14, and if that full exemption no longer applies due to a change in circumstances during the performance of the contract that causes the Contractor to become subject to the withholding for the 2 percent excise tax then the Contractor shall–

(i) Notify the Contracting Officer within 30 days of a change in circumstances that causes the Contractor to be subject to the excise tax withholding under 26 U.S.C. 5000C; and

(ii) Comply with paragraph (c)(1) of this clause.

(d) The Government will withhold a full 2 percent of each payment unless the Contractor claims an exemption. If the Contractor enters a ratio in Line 12 of the IRS Form W-14, the result of Line 11 divided by Line 10, the Government will withhold from each payment an amount equal to 2 percent multiplied by the contract ratio. If the Contractor marks box 9 of the IRS Form W-14 (rather than completes Lines 10 through 12), the Contractor must identify and enter the specific exempt and nonexempt amounts in Line 15 of the IRS Form W-14; the Government will

then withhold 2 percent only from the nonexempt amount. See the IRS Form W-14 and its instructions.

(e) Exemptions from the withholding under this clause are described at 26 CFR 1.5000C-1(d)(5) through (7). Any exemption claimed and self-certified on the IRS Form W-14 is subject to audit by the IRS. Any disputes regarding the imposition and collection of the 26 U.S.C. 5000C tax are adjudicated by the IRS as the 26 U.S.C. 5000C tax is a tax matter, not a contract issue.

(f) Taxes imposed under 26 U.S.C. 5000C may not be—

(1) Included in the contract price; nor

(2) Reimbursed.

(g) A taxpayer may, for a fee, seek advice from the Internal Revenue Service (IRS) as to the proper tax treatment of a transaction. This is called a private letter ruling. Also, the IRS may publish a revenue ruling, which is an official interpretation by the IRS of the Internal Revenue Code, related statutes, tax treaties, and regulations. A revenue ruling is the conclusion of the IRS on how the law is applied to a specific set of facts. For questions relating to the interpretation of the IRS regulations go to https://www.irs.gov/help/tax-law-questions.

(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. In addition, the full text of a clause may be accessed electronically at: Acquisition.gov this address is subject to change.

If the Federal Acquisition Regulation (FAR) is not available at the location indicated above, use the Department of State Acquisition website at e-CFR to see the links to the FAR. You may also use an Internet "search engine" (for example, Google, Yahoo or Excite) to obtain the latest location of the most current FAR.

The following Federal Acquisition Regulation clauses are incorporated by reference:

CLAUSE	TITLE AND DATE
52.203-17	CONTRACTOR EMPLOYEE WHISTLEBLOWER RIGHTS AND REQUIREMENT TO INFORM EMPLOYEES OF WHISTLEBLOWER RIGHTS (JUN 2020)
52.204-9	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (JAN 2011)
52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (OCT 2018)
52.204-18	COMMERCIAL AND GOVERNMENT ENTITY CODE MAINTENANCE (AUG 2020)
52.225-14	INCONSISTENCY BETWEEN ENGLISH VERSION AND TRANSLATION OF CONTRACT (FEB 2000)
52.228-3	Workers' Compensation Insurance (Defense Base Act) JUL 2014
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)
52.236-13	ACCIDENT PREVENTION (NOV 1991)

52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS (JUL 2021)

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 (5) 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 electronically 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:

652.236-70 ADDITIONAL SAFETY MEASURES (OCT 2017)

In addition to the safety/accident prevention requirements of FAR 52.236-13, Accident Prevention Alternate I, the contractor shall comply with the following additional safety measures.

(a) *High Risk Activities*. If the project contains any of the following high risk activities, the contractor shall follow the section in the latest edition, as of the date of the solicitation, of the U.S. Army Corps of Engineers Safety and Health manual, EM 385-1-1, that corresponds to the high risk activity. Before work may proceed, the contractor must obtain approval from the COR of the written safety plan required by FAR 52.236-13, Accident Prevention Alternate I (see paragraph (f) below), containing specific hazard mitigation and control techniques.

(1) Scaffolding;

(2) Work at heights above 1.8 meters;

(3) Trenching or other excavation greater than one (1) meter in depth;

(4) Earth-moving equipment and other large vehicles;

(5) Cranes and rigging;

(6) Welding or cutting and other hot work;

(7) Partial or total demolition of a structure;

(8) Temporary wiring, use of portable electric tools, or other recognized electrical hazards. Temporary wiring and portable electric tools require the use of a ground fault circuit interrupter (GFCI) in the affected circuits; other electrical hazards may also require the use of a GFCI;

(9) Work in confined spaces (limited exits, potential for oxygen less than 19.5 percent or combustible atmosphere, potential for solid or liquid engulfment, or other hazards considered to be immediately dangerous to life or health such as water tanks, transformer vaults, sewers, cisterns, etc.);

(10) Hazardous materials - a material with a physical or health hazard including but not limited to, flammable, explosive, corrosive, toxic, reactive or unstable, or any operations, which creates any kind of contamination inside an occupied building such as dust from demolition activities, paints, solvents, etc.; or

(11) Hazardous noise levels as required in EM 385-1 Section 5B or local standards if more restrictive.

(b) *Safety and Health Requirements*. The contractor and all subcontractors shall comply with the latest edition of the U.S. Army Corps of Engineers Safety and Health manual EM 385-1-1, or OSHA 29 CFR parts 1910 or 1926 if no EM 385-1-1 requirements are applicable, and the accepted contractor's written safety program.

(c) *Mishap Reporting*. The contractor is required to report **immediately** all mishaps to the COR and the contracting officer. A "mishap" is any event causing injury, disease or illness, death, material loss or property damage, or incident causing environmental contamination. The mishap reporting requirement shall include fires, explosions, hazardous materials contamination, and other similar incidents that may threaten people, property, and equipment.

(d) *Records*. The contractor shall maintain an accurate record on all mishaps incident to work performed under this contract resulting in death, traumatic injury, occupational disease, or damage to or theft of property, materials, supplies, or equipment. The contractor shall report this data in the manner prescribed by the contracting officer.

(e) *Subcontracts*. The contractor shall insert this clause, including this paragraph (e), with appropriate changes in the designation of the parties, in subcontracts.

(f) *Written program*. The plan required by paragraph (f)(1) of the clause entitled "Accident Prevention Alternate I" shall be known as the Site Safety and Health Plan (SSHP) and shall address any activities listed in paragraph (a) of this clause, or as otherwise required by the contracting officer/COR.

(1) The SSHP shall be submitted at least 10 working days prior to commencing any activity at the site.

(2) The plan must address developing activity hazard analyses (AHAs) for specific tasks. The AHAs shall define the activities being performed and identify the work sequences, the specific anticipated hazards, site conditions, equipment, materials, and the control measures to be implemented to eliminate or reduce each hazard to an acceptable level of risk. Work shall not begin until the AHA for the work activity has been accepted by the COR and discussed with all engaged in the activity, including the Contractor, subcontractor(s), and Government on-site representatives.

(3) The names of the Competent/Qualified Person(s) required for a particular activity (for example, excavations, scaffolding, fall protection, other activities as specified by EM 385-1-1) shall be identified and included in the AHA. Proof of their competency/qualification shall be submitted to the contracting officer or COR for acceptance prior to the start of that work activity. The AHA shall be reviewed and modified as necessary to address changing site conditions, operations, or change of competent/qualified person(s).

(End of clause)

652.237-72 Observance of Legal Holidays and Administrative Leave (FEB 2015)

(a) The Department of State observes the following days as holidays:

New Year's Day
Martin Luther King's Birthday
Washington's Birthday
Memorial Day
Independence Day
Labor Day
Columbus Day
Veterans Day
Thanksgiving Day
Christmas Day
Traditional Religions Days
Tabaski
Easter Monday
National Labor Day
Maouloud
Ascension
White Monday
Benin Independence Day
Assumption
All Saints Days

Any other day designated by Federal law, Executive Order, or Presidential Proclamation.

(b) When New Year's Day, Independence Day, Veterans Day or Christmas Day falls on a Sunday, the following Monday is observed; if it falls on Saturday the preceding Friday 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.

(c) When the Department of State grants administrative leave to its Government employees, assigned contractor personnel in Government facilities shall also be dismissed. However, the contractor agrees to continue to provide sufficient personnel to perform round-the-clock requirements of critical tasks already in operation or scheduled, and shall be guided by the instructions issued by the contracting officer or his/her duly authorized representative.

(d) For fixed-price contracts, if services are not required or provided because the building is closed due to inclement weather, unanticipated holidays declared by the President, failure of Congress to appropriate funds, or similar reasons, deductions will be computed as follows:

(1) The deduction rate in dollars per day will be equal to the per month contract price divided by 21 days per month.

(2) The deduction rate in dollars per day will be multiplied by the number of days services are not required or provided.

If services are provided for portions of days, appropriate adjustment will be made by the contracting officer to ensure that the contractor is compensated for services provided.

(e) If administrative leave is granted to contractor personnel as a result of conditions stipulated in any “Excusable Delays” clause of this contract, it will be without loss to the contractor. The cost of salaries and wages to the contractor for the period of any such excused absence shall be a reimbursable item of direct cost hereunder for employees whose regular time is normally charged, and a reimbursable item of indirect cost for employees whose time is normally charged indirectly in accordance with the contractors accounting policy.
(End of clause)

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 Building Engineer

652.242-73 AUTHORIZATION AND PERFORMANCE (AUG 1999)

(a) The Contractor warrants the following:

(1) That is has obtained authorization to operate and do business in the country or countries in which this contract will be performed;
(2) That is 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 (SEP 2021) 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.

   The Offeror shall include Defense Base Act (DBA) insurance premium costs covering employees. The 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*

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 3 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 Benin 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, a copy shall be provided.

6. The offeror's strategic plan for Air handling Units 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 air handling unit and accessories; 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.

7. Repair option. Repairs are NOT included under this agreement (see 7.1.3) and are to be done outside this contract. However, the Government desires current labor rates in the event that there is an issue discovered during the preventive maintenance of the specified equipment. 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 specific authorization from the Contracting Officer.

Repair Labor Rates	
Base Year	$/hr
Option Year 1	$/hr
Option Year 2	$/hr
Option Year 3	$/hr
Option Year 4	$/hr

The Offeror shall include Defense Base Act (DBA) insurance premium costs covering employees. The 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*

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. In addition, the full text of a clause may be accessed electronically at Acquisition.gov this address is subject to change.

If the Federal Acquisition Regulation (FAR) is not available at the location indicated above, use the Department of State Acquisition website at e-CFR to see the links to the FAR. You may also use an Internet "search engine" (for example, Google, Yahoo or Excite) to obtain the latest location of the most current FAR.

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

PROVISION	TITLE AND DATE
52.204-7	SYSTEM FOR AWARD MANAGEMENT (OCT 2018)
52.204-16	COMMERCIAL AND GOVERNMENT ENTITY CODE REPORTING (AUG 2020)
52.214-34	SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE (APR 1991)

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

652.206-70 ADVOCATE FOR COMPETITION/OMBUDSMAN (FEB 2015)

(a) The Department of State's Advocate for Competition 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 first to contact the contracting office for the solicitation. If concerns remain unresolved, contact:

(1) For solicitations issued by the Office of Acquisition Management (A/LM/AQM) or a Regional Procurement Support Office, the A/LM/AQM Advocate for Competition, at AQMCompetitionAdvocate@state.gov.

(2) For all others, the Department of State Advocate for Competition at cat@state.gov.

(b) 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, ___[insert name]___, at ___[insert telephone and fax numbers]___. For an American 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 or write to: Department of State, Acquisition Ombudsman, Office of the Procurement Executive (A/OPE), Suite 1060, SA-15, Washington, DC 20520.

(End of provision)

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).

52.225-17 EVALUATION OF FOREIGN CURRENCY OFFERS (FEB 2000)

If the Government receives offers in more than one currency, the Government will evaluate offers by converting the foreign currency to United States currency using the exchange rate used by the Embassy in effect as follows:

(a) For acquisitions conducted using sealed bidding procedures, on the date of bid opening.

(b) For acquisitions conducted using negotiation procedures—

(1) On the date specified for receipt of offers, if award is based on initial offers; otherwise

(2) On the date specified for receipt of proposal revisions.

SECTION 5 - REPRESENTATIONS AND CERTIFICATIONS

52.204-24 Representation Regarding Certain Telecommunications and Video Surveillance Services or Equipment (OCT 2020).

The Offeror shall not complete the representation at paragraph (d)(1) of this provision if the offeror has represented that it ‘‘does not provide covered telecommunications equipment or services as a part of its offered products or services to the Government in the performance of any contract, subcontract, or other contractual instrument’’ in paragraph (c)(1) in the provision at 52.204–26, Covered Telecommunications Equipment or Services—Representation, or in paragraph (v)(2)(i) of the provision at 52.212–3, Offeror Representations and Certifications–Commercial Items. The Offeror shall not complete the representation in paragraph (d)(2) of this provision if the Offeror has represented that it ‘‘does not use covered telecommunications equipment or services, or any equipment, system, or service that uses covered telecommunications equipment or services’’ in paragraph (c)(2) of the provision at 52.204–26, or in paragraph (v)(2)(ii) of the provision at 52.212–3.

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

Backhaul, covered telecommunications equipment or services, critical technology, interconnection arrangements, reasonable inquiry, roaming, and substantial or essential component have the meanings provided in the clause 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

(b) *Prohibition.*

(1) Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. Nothing in the prohibition shall be construed to—

(i)Prohibit the head of an executive agency from procuring with an entity to provide a service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

(ii)Cover telecommunications equipment that cannot route or redirect user data traffic or cannot permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(2) Section 889(a)(1)(B) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2020, from entering into a contract or extending or renewing a contract with an entity that uses any equipment, system, or service that uses covered telecommunications equipment or services

as a substantial or essential component of any system, or as critical technology as part of any system. This prohibition applies to the use of covered telecommunications equipment or services, regardless of whether that use is in performance of work under a Federal contract. Nothing in the prohibition shall be construed to—

(i)Prohibit the head of an executive agency from procuring with an entity to provide a service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

(ii)Cover telecommunications equipment that cannot route or redirect user data traffic or cannot permit visibility into any user data or packets that such equipment transmits or otherwise handles.

(c) *Procedures.* The Offeror shall review the list of excluded parties in the System for Award Management (SAM) (https://www.sam.gov) for entities excluded from receiving federal awards for "covered telecommunications equipment or services".

(d) *Representation.* The Offeror represents that—

(1)It □ will, □ will not provide covered telecommunications equipment or services to the Government in the performance of any contract, subcontract or other contractual instrument resulting from this solicitation. The Offeror shall provide the additional disclosure information required at paragraph (e)(1) of this section if the Offeror responds "will" in paragraph (d)(1) of this section; and

(2)After conducting a reasonable inquiry, for purposes of this representation, the Offeror represents that—

It □ does, □ does not use covered telecommunications equipment or services, or use any equipment, system, or service that uses covered telecommunications equipment or services. The Offeror shall provide the additional disclosure information required at paragraph (e)(2) of this section if the Offeror responds "does" in paragraph (d)(2) of this section.

(e) *Disclosures.*

(1) Disclosure for the representation in paragraph (d)(1) of this provision. If the Offeror has responded "will" in the representation in paragraph (d)(1) of this provision, the Offeror shall provide the following information as part of the offer:

(i)For covered equipment—

(A)The entity that produced the covered telecommunications equipment (include entity name, unique entity identifier, CAGE code, and whether the entity was the original equipment manufacturer (OEM) or a distributor, if known);

(B)A description of all covered telecommunications equipment offered (include brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); and

(C)Explanation of the proposed use of covered telecommunications equipment and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(1) of this provision.

(ii)For covered services—

(A)If the service is related to item maintenance: A description of all covered telecommunications services offered (include on the item being maintained: Brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); or

(B)If not associated with maintenance, the Product Service Code (PSC) of the service being provided; and explanation of the proposed use of covered telecommunications services and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(1) of this provision.

(2) Disclosure for the representation in paragraph (d)(2) of this provision. If the Offeror has responded "does" in the representation in paragraph (d)(2) of this provision, the Offeror shall provide the following information as part of the offer:

(i)For covered equipment—

(A)The entity that produced the covered telecommunications equipment (include entity name, unique entity identifier, CAGE code, and whether the entity was the OEM or a distributor, if known);

(B)A description of all covered telecommunications equipment offered (include brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); and

(C)Explanation of the proposed use of covered telecommunications equipment and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(2) of this provision.

(ii)For covered services—

(A)If the service is related to item maintenance: A description of all covered telecommunications services offered (include on the item being maintained: Brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); or

(B)If not associated with maintenance, the PSC of the service being provided; and

explanation of the proposed use of covered telecommunications services and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(2) of this provision.

(End of provision)

52.204-26 Covered Telecommunications Equipment or Services-Representation (OCT 2020)

(a) *Definitions.* As used in this provision, "covered telecommunications equipment or services" and "reasonable inquiry" have the meaning provided in the clause 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

(b) *Procedures.* The Offeror shall review the list of excluded parties in the System for Award Management (SAM) (*https://www.sam.gov*) for entities excluded from receiving federal awards for "covered telecommunications equipment or services".

(c) *Representations.* (1) The Offeror represents that it [ ] does, [ ] does not provide covered telecommunications equipment or services as a part of its offered products or services to the Government in the performance of any contract, subcontract, or other contractual instrument.

(2) After conducting a reasonable inquiry for purposes of this representation, the Offeror represents that it [ ] does, [ ] does not use covered telecommunications equipment or services, or any equipment, system, or service that uses covered telecommunications equipment or services.

(End of provision)

52.212-3 Offeror Representations and Certifications-Commercial Items. (FEB 2021)

The Offeror shall complete only paragraph (b) of this provision if the Offeror has completed the annual representations and certification electronically in the System for Award Management (SAM) accessed through https://www.sam.gov. If the Offeror has not completed the annual representations and certifications electronically, the Offeror shall complete only paragraphs (c) through (v)) of this provision.

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

"Covered telecommunications equipment or services" has the meaning provided in the clause 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

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.

Predecessor means an entity that is replaced by a successor and includes any predecessors of the predecessor.

Reasonable inquiry has the meaning provided in the clause 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.

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"—

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 veteransor, 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—

(1) 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.

(2) *Affiliates*, as used in this definition, means business concerns, one of whom directly or indirectly controls or has the power to control the others, or a third party or parties control or have the power to control the others. In determining whether affiliation exists, consideration is given to all appropriate factors including common ownership, common management, and contractual relationships. SBA determines affiliation based on the factors set forth at 13 CFR 121.103.

Small disadvantaged business concern, consistent with13 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 at13 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 CFR124.104(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

Successor means an entity that has replaced a predecessor by acquiring the assets and carrying out the affairs of the predecessor under a new name (often through acquisition or merger). The term "successor" does not include new offices/divisions of the same company or a company that only changes its name. The extent of the responsibility of the successor for the liabilities of the predecessor may vary, depending on State law and specific circumstances.

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 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.

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 least51 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.

(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 in SAM

(2) The offeror has completed the annual representations and certifications electronically in SAM accessed through http://www.sam.gov. After reviewing SAM information, the Offeror verifies by submission of this offer that the representations 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(s) applicable to the NAICS code(s) referenced for this solicitation), at the time this offer is submitted and are incorporated in this offer by reference (see FAR 4.1201), except for paragraphs _____.

[*Offeror to identify the applicable paragraphs at (c) through (v) 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 will 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 CFR124.1002.

(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.

(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.

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

(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 Order11246-

(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 http://uscode.house.gov/ 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)

(i) The Offeror certifies that each end product, except those listed in paragraph (f)(2) of this provision, is a domestic end product.

(ii) The Offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products.

(iii) The terms "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)

(A) The Offeror certifies that each end product, except those listed in paragraph (g)(1)(ii) or (iii) of this provision, is a domestic end product.

(B) The terms "Bahrainian, Moroccan, Omani, Panamanian, or Peruvian end product," "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) of 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.

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**

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;

(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 the threshold at 9.104-5(a)(2) 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 products.*

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.

(l) *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 to be eligible for award.)

(1) All offerors must submit the information required in paragraphs (l)(3) through (l)(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 CFR1.6049-4;

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 e-mail questions concerning sensitive technology to the Department of State at CISADA106@state.gov.

(2) *Representation and Certifications*. 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 the threshold at FAR 25.703-2(a)(2) 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 (et seq.) (see OFAC's Specially Designated Nationals and Blocked Persons List at https://www.treasury.gov/resource-center/sanctions/SDN-List/Pages/default.aspx).

(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 unique entity identifier 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*)

(q) *Representation by Corporations Regarding Delinquent Tax Liability or a Felony Conviction under any Federal Law.*

(1) As required by sections 744 and 745 of Division E of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235), and similar provisions, if contained in subsequent appropriations acts, The Government will not enter into a contract with any corporation that–

(i) 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 is aware of the unpaid tax liability, unless an agency has considered suspension or debarment of the corporation and made a determination that suspension or debarment is not necessary to protect the interests of the Government; or

(ii) Was convicted of a felony criminal violation under any Federal law within the preceding 24 months, where the awarding agency is aware of the conviction, unless an agency has considered suspension or debarment of the corporation and made a determination that this action is not necessary to protect the interests of the Government.

(2) The Offeror represents that–

(i) 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; and

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

(r) *Predecessor of Offeror*. (Applies in all solicitations that include the provision at 52.204-16, Commercial and Government Entity Code Reporting.)

(1) The Offeror represents that it □ is or □ is not a successor to a predecessor that held a Federal contract or grant within the last three years.

(2) If the Offeror has indicated "is" in paragraph (r)(1) of this provision, enter the following information for all predecessors that held a Federal contract or grant within the last three years (if more than one predecessor, list in reverse chronological order):

Predecessor CAGE code: (or mark "Unknown").

Predecessor legal name:_____.

(*Do not use a "doing business as" name*).

(s) [Reserved].

(t) *Public Disclosure of Greenhouse Gas Emissions and Reduction Goals*. Applies in all solicitations that require offerors to register in SAM (12.301(d)(1)).

(1) This representation shall be completed if the Offeror received $7.5 million or more in contract awards in the prior Federal fiscal year. The representation is optional if the Offeror received less than $7.5 million in Federal contract awards in the prior Federal fiscal year.

(2) Representation. [Offeror to check applicable block(s) in paragraph (t)(2)(i) and (ii)].

(i) The Offeror (itself or through its immediate owner or highest-level owner) □ does, □ does not publicly disclose greenhouse gas emissions, i.e., makes available on a publicly accessible website the results of a greenhouse gas inventory, performed in accordance with an accounting standard with publicly available and consistently applied criteria, such as the Greenhouse Gas Protocol Corporate Standard.

(ii) The Offeror (itself or through its immediate owner or highest-level owner) □ does, □ does not publicly disclose a quantitative greenhouse gas emissions reduction goal, i.e., make available on a publicly accessible website a target to reduce absolute emissions or emissions intensity by a specific quantity or percentage.

(iii) A publicly accessible website includes the Offeror's own website or a recognized, third-party greenhouse gas emissions reporting program.

(3) If the Offeror checked "does" in paragraphs (t)(2)(i) or (t)(2)(ii) of this provision, respectively, the Offeror shall provide the publicly accessible website(s) where greenhouse gas emissions and/or reduction goals are reported:_____.

(u)

(1) In accordance with section 743 of Division E, Title VII, of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235) and its successor provisions in subsequent appropriations acts (and as extended in continuing resolutions), Government agencies are not permitted to use appropriated (or otherwise made available) funds for contracts with an entity that requires employees or subcontractors of such entity seeking to report waste, fraud, or abuse to sign internal confidentiality agreements or statements prohibiting or otherwise restricting such employees or subcontractors from lawfully reporting such waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information.

(2) The prohibition in paragraph (u)(1) of this provision does not contravene requirements applicable to Standard Form 312 (Classified Information Nondisclosure Agreement), Form 4414 (Sensitive Compartmented Information Nondisclosure Agreement), or any other form issued by a Federal department or agency governing the nondisclosure of classified information.

(3) *Representation*. By submission of its offer, the Offeror represents that it will not require its employees or subcontractors to sign or comply with internal confidentiality agreements or statements prohibiting or otherwise restricting such employees or subcontractors from lawfully reporting waste, fraud, or abuse related to the performance of a Government contract to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information (*e.g.*, agency Office of the Inspector General).

(v) *Covered Telecommunications Equipment or Services-Representation.* Section 889(a)(1)(A) and section 889 (a)(1)(B) of Public Law 115-232.

(1) The Offeror shall review the list of excluded parties in the System for Award Management (SAM) (https://www.sam.gov) for entities excluded from receiving federal awards for "covered telecommunications equipment or services".

(2) The Offeror represents that–

(i) It□ does, □ does not provide covered telecommunications equipment or services as a part of its offered products or services to the Government in the performance of any contract, subcontract, or other contractual instrument.

(ii) After conducting a reasonable inquiry for purposes of this representation, that it □ does, □ does not use covered telecommunications equipment or services, or any equipment, system, or service that uses covered telecommunications equipment or services.

(End of Provision)

52.229-11 Tax on Certain Foreign Procurements—Notice and Representation (JUN 2020)

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

Foreign person means any person other than a United States person.

Specified Federal procurement payment means any payment made pursuant to a contract with a foreign contracting party that is for goods, manufactured or produced, or services provided in a foreign country that is not a party to an international procurement agreement with the United States. For purposes of the prior sentence, a foreign country does not include an outlying area.

United States person as defined in 26 U.S.C. 7701(a)(30) means—

(1) A citizen or resident of the United States;

(2) A domestic partnership;

(3) A domestic corporation;

(4) Any estate (other than a foreign estate, within the meaning of 26 U.S.C. 701(a)(31)); and

(5) Any trust if—

(i) A court within the United States is able to exercise primary supervision over the administration of the trust; and

(ii) One or more United States persons have the authority to control all substantial decisions of the trust.

(b) Unless exempted, there is a 2 percent tax of the amount of a specified Federal procurement payment on any foreign person receiving such payment. See 26 U.S.C. 5000C and its implementing regulations at 26 CFR 1.5000C-1 through 1.5000C-7.

(c) Exemptions from withholding under this provision are described at 26 CFR 1.5000C-1(d)(5) through (7). The Offeror would claim an exemption from the withholding by using the Department of the Treasury Internal Revenue Service Form W-14, Certificate of Foreign Contracting Party Receiving Federal Procurement Payments, available via the internet at ***www.irs.gov/w14***. Any exemption claimed and self-certified on the IRS Form W-14 is subject to audit by the IRS. Any disputes regarding the imposition and collection of the 26 U.S.C. 5000C tax are adjudicated by the IRS as the 26 U.S.C. 5000C tax is a tax matter, not a contract issue. The IRS Form W-14 is provided to the acquiring agency rather than to the IRS.

(d) For purposes of withholding under 26 U.S.C. 5000C, the Offeror represents that—

(1) It [__]is [__]is not a foreign person; and

(2) If the Offeror indicates "is" in paragraph (d)(1) of this provision, then the Offeror represents that—I am claiming on the IRS Form W-14 [____] a full exemption, or [____] partial or no exemption [*Offeror shall select one*] from the excise tax.

(e) If the Offeror represents it is a foreign person in paragraph (d)(1) of this provision, then—

(1) The clause at FAR 52.229-12, Tax on Certain Foreign Procurements, will be included in any resulting contract; and

(2) The Offeror shall submit with its offer the IRS Form W-14. If the IRS Form W-14 is not submitted with the offer, exemptions will not be applied to any resulting contract and the Government will withhold a full 2 percent of each payment.

(f) If the Offeror selects "is" in paragraph (d)(1) and "partial or no exemption" in paragraph (d)(2) of this provision, the Offeror will be subject to withholding in accordance with the clause at FAR 52.229-12, Tax on Certain Foreign Procurements, in any resulting contract.

(g) A taxpayer may, for a fee, seek advice from the Internal Revenue Service (IRS) as to the proper tax treatment of a transaction. This is called a private letter ruling. Also, the IRS may publish a revenue ruling, which is an official interpretation by the IRS of the Internal Revenue Code, related statutes, tax treaties, and regulations. A revenue ruling is the conclusion of the IRS on how the law is applied to a specific set of facts. **For questions relating to the interpretation of the IRS regulations go to *https://www.irs.gov/help/tax-law-questions***.

(End of provision)

NOTE to Contracting Officer: Information and current copies of the IRS Form W-14 are available via the internet at www.irs.gov/w14.

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

52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (OCT 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:

52.225-25 PROHIBITION ON CONTRACTING WITH ENTITIES ENGAGING IN CERTAIN ACTIVITIES OR TRANSACTIONS RELATING TO IRAN (JUN 2020)