Djibouti, June 05, 2022

US EMBASSY DJIBOUTI
BP 185
LOT NUMBER 350-B
LOTISSEMENT HARAMOUS

Dear Prospective Quoter:

SUBJECT: Solicitation Number 19DJ1022Q0006 CONSULAR INTERVIEW INTERCOM SYSTEM LIFE CYCLE REPLACEMENT

The Embassy of the United States of America invites you to submit a quotation for CONSULAR INTERVIEW INTERCOM SYSTEM LIFE CYCLE REPLACEMENT at US Embassy Djibouti.

Your quotation must be submitted in a sealed envelope marked "Quotation Enclosed" to the 19DJ1022Q0006 to the Contracting Officer, US Embassy Djibouti, P.O.BOX:185 Lot Number 350-B on or before 16:30 on June 20, 2022. No quotations will be accepted after this time.

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

1. **SF-1449**
2. Section 1, Pricing
3. Section 5, Representations and Certifications and ensure compliance with FAR 52.229-11 is completed with IRS Form W-14 found at www.irs.goc/w14
4. Additional information as required in Section 3

Direct any questions regarding this solicitation to Embassy Djibouti Procurement team by email(djiboutiprocurement@state.gov and copy to kayadse@state.gov) or by telephone +253 21 45 30 60 during regular business hours.

Sincerely,

Jewett, James

Contracting Officer
TABLE OF CONTENTS

Section 1 - The Schedule

- SF 18 or SF 1449 cover sheet
- Continuation To SF-1449, RFQ Number **19DJ1022Q0006**, Prices, Block 23
- Continuation To SF-1449, RFQ Number **19DJ1022Q0006**, Schedule Of Supplies/Services, Block 20 Description/Specifications/Work Statement
- Attachment 1 to Description/Specifications/Performance Work Statement, Government Furnished Property

Section 2 - Contract Clauses

- Contract Clauses
- Addendum to Contract Clauses - FAR and DOSAR Clauses not Prescribed in Part 12

Section 3 - Solicitation Provisions

- Solicitation Provisions
- Addendum to Solicitation Provisions - FAR and DOSAR Provisions not Prescribed in Part 12

Section 4 - Evaluation Factors

- Evaluation Factors
- Addendum to Evaluation Factors - FAR and DOSAR Provisions not Prescribed in Part 12

Section 5 - Representations and Certifications

- Offeror Representations and Certifications
- Addendum to Offeror Representations and Certifications - FAR and DOSAR Provisions not Prescribed in Part 12
<table>
<thead>
<tr>
<th>1. REQUISITION NUMBER</th>
<th>PR10538937</th>
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<tbody>
<tr>
<td>2. CONTRACT NO.</td>
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<td>4. ORDER NUMBER</td>
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<td>5. SOLICITATION</td>
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<td>7. FOR SOLICITATION</td>
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<td>INFORMATION CALL:</td>
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<td>a. NAME</td>
<td>Jewett, James T</td>
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<td>06/20/2022 nlt 4:30pm</td>
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<td>11. DELIVERY FOR FOB</td>
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<td>12. DISCOUNT TERMS</td>
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<tr>
<td>13a. THIS CONTRACT IS</td>
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<td>A RATED ORDER UNDER</td>
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<td>13b. RATING</td>
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<tr>
<td>14. METHOD OF SOLICITATION</td>
<td>RFP</td>
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<td>15. DELIVER TO</td>
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<td>16. ADMINISTERED BY</td>
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<td>17a. CONTRACTOR/</td>
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<td>FACILITY CODE</td>
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<tr>
<td>17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER</td>
<td></td>
</tr>
<tr>
<td>18a. PAYMENT WILL BE MADE BY CODE</td>
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<tr>
<td>18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED SEE ADDENDUM</td>
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<tr>
<td>19. ITEM NO.</td>
<td></td>
</tr>
<tr>
<td>20. SCHEDULE OF SUPPLIES/SERVICES</td>
<td>Service</td>
</tr>
<tr>
<td>21. QUANTITY</td>
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</tr>
<tr>
<td>22. UNIT</td>
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<tr>
<td>23. UNIT PRICE</td>
<td></td>
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<td>24. AMOUNT</td>
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<td>25. ACCOUNTING AND APPROPRIATION DATA</td>
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<tr>
<td>26. TOTAL AWARD AMOUNT</td>
<td>(For Govt. Use Only)</td>
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</tbody>
</table>

**Item 1**

Consular Interview Intercom system life cycle replacement at US Embassy Djibouti including providing and installation two-way intercommunication systems (microphone, speaker, and control unit).  
(Use Reverse and/or Attach Additional Sheets as Necessary)
27a. Solicitation incorporates by reference FAR 52.212-1, 52.212-4. FAR 52.212-3 and 52.212-5 are attached. Addenda are not attached.

27b. Contract/purchase order incorporates by reference FAR 52.212-4. FAR 52.212-5 is attached. Addenda 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 award of contract:

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

30b. Name and title of signer (Type or print)

30c. Date signed

31a. United States of America (Signature of contracting officer)

31b. Name of contracting officer (Type or print)

31c. Date signed
I. PERFORMANCE WORK STATEMENT

The purpose of this firm fixed price purchase order is to for Consular Interview Intercom system life cycle replacement at US Embassy Djibouti in accordance with Attachment A.

A. The contract will be for a one-year period from the date of the contract award.

<table>
<thead>
<tr>
<th>Performance Objective</th>
<th>Scope of Work Paragraphs</th>
<th>Performance Threshold</th>
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<tbody>
<tr>
<td><strong>Services.</strong> Performs all Consular Interview Intercom system life cycle replacement at US Embassy Djibouti** services set forth in the scope of work.**</td>
<td><strong>Overview thru Demonstration</strong></td>
<td>All required services are performed and no more than one (1) customer complaint is received per month.</td>
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</tbody>
</table>

MINIMUM AND MAXIMUM AMOUNTS

During this contract period, the Government shall place orders totaling a minimum N/A. This reflects the contract minimum for this period of performance. The amount of all orders shall not exceed NA. This reflects the contract maximum for this period of performance.”
II. PRICING

VALUE ADDED TAX

VAT VERSION B

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.

A- The below price is stated in US $.

A-1. The contract shall provide the service shown below

<table>
<thead>
<tr>
<th>Line</th>
<th>Description</th>
<th>Service</th>
<th>Total $</th>
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<tr>
<td>0001</td>
<td>Consular Interview Intercom system life cycle replacement at US Embassy Djibouti including providing and installation two-way intercommunication systems (microphone, speaker, and control unit).</td>
<td>1</td>
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Overview

The U.S. Embassy Djibouti Consular Section requires the services of a contractor to replace the intercommunication systems of its consular windows. The consular intercom system is composed of a two-way communications system at each consular window to facilitate communication between the consular employee(s) and the applicant(s). The contractor selected shall provide and install two-way intercommunication systems (microphone, speaker, and control unit) at the specified consular windows of the Consular Section of the U.S. Embassy in Djibouti. The work shall include removing existing intercommunication equipment, installing and testing the new equipment, and training staff how to operate the equipment. Work shall be warrantied for a minimum of one year. As the work is to be performed in stages, the installation of new intercom systems must not degrade the performance of the remaining intercom systems. A site visit will be offered during the bid submission period.

GENERAL SPECIFICATIONS

Microphone/Speaker System

This contract is for the delivery and installation of functioning microphone/speaker systems for the Consular Section of U.S. Embassy Djibouti. The contract will cover a total of ten microphone systems (three interview windows, one privacy booth, and one cashier booth), and the public waiting area. Each microphone/speaker system must enable the consular employee and the applicant to communicate clearly despite being separated by a thick pane of glass, in accordance with the audio quality/intelligibility specifications below. Contractor’s proposal shall include a detailed table of proposed devices/materials (including name of manufacturer, brand and model name, and intended use of each of the devices/materials proposed).

The first phase of installation should cover a minimum of ten microphone systems. The number of microphone/speaker systems being replaced at each time will be dependent on the funding available in each phase but should aim to replace at least ten to twelve microphone/speaker systems during each phase of installation.

Cost to include all audio equipment, controllers, gooseneck microphones, applicant microphones, speakers, headsets, and equipment rack with internal rack cabling. System equipment manuals,
operations guide, and submittal drawings are to be included with system cost. This contract shall also cover the necessary removal of the existing system and associated wiring and appurtenances.

The contractor shall provide equipment, components, software, accessories, and miscellaneous items necessary to achieve fully functioning audio systems for consular teller intercoms. System design shall conform to ANSI/INFOCOMM 2M: 2010, “Standard Guide for Audiovisual Systems Design and Coordination.”

Audio Performance Characteristics:

Frequency Response: 30Hz – 18 KHz, within 3.0db
Signal to Noise Ratio: 55dB minimum
Total Harmonic Distortion: 1 percent maximum from 30Hz-15Hz (THD)

Audio Intelligibility: Consular intercom systems shall achieve minimum performance for Speech Transmission Index (STI) exceeding the level of “Fair” quality (i.e., the STI level meets or exceeds 0.60 STI) identified in International Standard IEC 60286-16 (2003-05), “Objective Rating of Speech Intelligibility by Speech Transmission Index.” For testing, white noise or spoken word source within Consular Waiting Room shall be set to 65 dBA at 1M to simulate conversation level within Consular Waiting Room. Noise source shall be positioned to emulate waiting applicants.

The pre-configured system will feature Biamp AudiaFlex (or equal to) equipment per the State Department’s design 275105 (refer to Appendix-1). The AudiaFlex frames will include the required modules that will be used for processing the digital audio signals and echo cancellation at each interview window.

Audio systems will provide echo cancellation and audio processing in office and public areas. Audio speakers in staff areas should be wall mounted; applicant area speakers should be ceiling mounted. The contractor will provide a wall mounted boundary zone microphone on the public side with mounting to a single gang wall plate; provide equalization and processing for all audio sources; and provide amplification for contractor provided audio speakers at two discrete channels.

The system will provide the Biamp NPS-1 or comparable desktop microphones on the Consular Staff side of each window. Consular users should be able to easily switch between using the gooseneck microphone or a headset (non-Bluetooth). The microphone shall have a mute button that mutes the speakers on the applicant’s side whether the consular employee is using the gooseneck microphone or the headset’s microphone.

The applicant side microphones will always be powered on with no button for the applicant to toggle/mute when speaking to the Consular Officer. Place microphone to provide direct coverage
of teller window glass surface to ensure adequate discrimination between applicant voice and waiting area noise.

For window control, each window will include a controller that will be cabled to the equipment rack. The window controller will allow the user to mute the speaker volume on either side of the window as well as control the volume of the speakers on either side of the window.

Waiting Area Loudspeakers: Place contractor provided loudspeakers to serve paging zones in consular waiting area and in associated outdoor waiting area. Speaker indoor coverage shall conform to ANSI/INFOCOMM 1M: 2009, "Audio Coverage Uniformity Standard in Enclosed Listener Areas.”

The system will include all speaker(s), gooseneck microphones, applicant microphones, headsets, and control and category cable. The system will include an audio rack to be located in the consular section.

All software and user manuals of the system shall be the sole property of U.S. Embassy Djibouti. Vulnerabilities in software or exploitation by other entities are the responsibility of the contractor.
The vendor will make a pre-installation site visit. When drawings are completed to the satisfaction of the Embassy’s COR, the vendor will procure the needed materials, assemble and test the components, and deliver and install them.

1. Drawings: In case of differences between small and large-scale drawings, the latter will govern. Where a portion of the work is drawn in detail and the remainder of the work is indicated in outline, the parts drawn in detail shall also apply to all other portions of the work.

2. Administration: Contractor shall provide a submittal within 15 business days as per U.S. government calendar after the site visit documenting cable routing, conduits, pathways from the station equipment to the communications closets, communication distribution frame and vertical/horizontal cable sizes.
3. Contractor shall label all cabling and receptacle boxes as set forth in EIA standards as well. Contractor shall provide as-built or records management documentation (labels, records, drawings, etc.) showing all cable terminations and cross-connects.

4. Security: Work in some areas will require a cleared American escort.

5. Testing: The Contractor shall perform pre-qualification testing during installation to ensure quality control and that the cabling system will pass qualification testing. U.S. Embassy Djibouti personnel will test equipment to the standards and the contractor will be responsible for repairing or revising systems to meet any non-compliance the testing process reveals.

6. Removal of Existing Wiring: The Contractor shall repair any damage caused by the removal of the current microphone system, and eliminate any holes or gaps left behind that are not covered by the new system. Upon completion and passing of tests identified above, contractor shall remove old cabling. This shall be done minimizing any property damage to walls, ceilings, and carpets affected by the removal. Contractor is responsible for restoring walls, ceiling, and carpeting to their original condition. If cutting or a penetration is necessary, it shall not impair the structural stability of the building and system and contractor shall patch and paint (if on wall or ceiling) effected areas.

7. Patching & Repair: Patching material shall match existing materials in type and quality and be specifically designed to fill holes, spaces, and voids and cavities at communication penetrations and where old cabling removed. Patching material shall be made of fire stopping materials. Restore patched surfaces as close to the original condition and finish as possible. Where patching occurs, smooth the surface to be painted and extend the paint coat over entire unbroken surface containing the patched area. Patched areas shall be primed first and finished with two coats of paint so that patch blends into existing surface.

TRAINING

The Contractor shall train the Embassy’s Consular staff in the operation of the system, and the Embassy’s Facilities staff in the power and electrical maintenance of the system.

The Contractor shall provide user manuals, both paper and electronic. The Contractor shall have a dedicated point of contact for both operational and maintenance issues. If the system initially has a password, the consular, facilities, IRM, and COR will be provided that user/admin log on information with the password.

INSPECTION AND ACCEPTANCE

1. The COR, or his/her authorized representatives, will inspect from time to time the services being performed under this contract and the supplies furnished to determine whether work is being performed in a satisfactory manner, and that all supplies are of acceptable quality and standards.
2. The Contractor shall be responsible for any countermeasures or corrective action, within the scope of this contract, which may be required by the Contracting Officer as a result of such inspection.

WARRANTY

1. During project warranty period and during the term of the contract, the Contractor shall supply staff, authorized and trained for the equipment that was installed, to service equipment as described below.

2. Telephone Assistance: Contractor shall respond via telephone within one business day of notification. This first contact will be to outline nature of problem or functional anomaly. Contractor shall make available an individual knowledgeable with installed system that can address specific system issues described by system operators.

3. On-Site Repair Assistance: Contractor shall be available to provide capable technicians for on-site service of systems equipment or control software. Technicians dispatched shall be familiar with installed system with complete knowledge of products used in systems configuration. Technicians dispatched shall have complete ability to address nature of system anomaly or performance difficulty described. Provide on-site response within one week. Service shall be available during normal business hours of the facility, Monday through Friday, 8:00 am until 5:30 pm.

4. Scheduled Service: Contractor shall provide two scheduled service visits to inspect, maintain, and adjust systems during warranty period. First visit shall occur three to six months after installation (at COR’s discretion), and second visit during the last three months of the warranty period (at the COR’s discretion).

5. Warranty period: Unless otherwise specified by the contracting company, the warranty period of installed hardware shall be no shorter than one year.
SPARE PARTS

Upon completion of the installation, the contractor shall provide sufficient spare parts for complete microphone systems. A complete inventory will be provided to the COR of all spares provided.

QUALIFICATIONS:

- Minimum five years of relevant audio equipment installation experience with examples of work performed and references (include POC name, email address, and phone number for each).
- Certifications: PSNI network of AV systems (this network supports the consular intercommunications systems), contractor must provide proof of CTS, CTS-I and CTS-D certifications.
- Must have the necessary permits and licenses to perform this type of work in China.
- 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

1. Please refer to the graphic below for a bird’s eye view of the current consular microphone setup of U.S. Embassy Djibouti window units. In this diagram, the items labeled ‘speaker’ and ‘microphone’ are actually integrated microphone and speaker devices.
SECTION 275105 – AUDIO SYSTEMS FOR CONSULAR SERVICES

PART 1 - GENERAL

FOR CONSULAR SERVICES WAITING AREAS W/ FEW TELLER WINDOWS, EVALUATE USE OF TELLER INTERCOM & PAGING

1.1 SUMMARY

A. This Section includes audio communications systems for consular services, including intercommunications systems for consular teller window stations, and paging system for general consular waiting area and associated waiting area outside of building.

B. Related Sections:

1. Division 26 Section on raceways and boxes for conduit installed outside of building.
2. Section270526 “Grounding and Bonding for Communications Systems.”
3. Section 274220 “Consular Queue Management System Infrastructure and Displays” for interfacing queue management system.
4. Section 275121 “TSS Intercommunications Systems” specifies various security audio and audio/visual intercommunications systems; those intercoms are not related to the work of this Section.
5. Other Division 27 Section for teller window intercommunications at locations not associated with Consular Waiting Area. Those intercoms are not related to the work of this Section.
6. Other Division 26 and Division 27 sections for conduits, wire ways, connection boxes, pull boxes, junction boxes, and outlet boxes permanently installed in walls, floors, and ceilings. Refer to other Division 26 and Division 27 sections for electrical breaker panels required to power audiovisual systems.

1.2 FUNCTIONAL DESCRIPTION OF SYSTEM

A. General:

1. The intent is to provide a fully operational system with voice amplification to facilitate communication by both teller and applicant at each Consular Teller Window without requiring each to raise their voices, and to provide a clear audio experience of paging system for applicants in interior and exterior general consular waiting areas.

B. Audio Systems:

1. Audio dynamic sound processor (DSP): Provides echo cancellation and audio processing for full duplex teller window communications, as well as in consular office and public area paging system.
2. Audio speaker for teller side: Provide wall-mounted speaker.
3. Audio speaker for applicant side: Provide ceiling mounted speaker.
5. Applicant boundary zone microphone: Provide wall mounted on public side with mounting to single gang wall plate. Place microphone to provide direct coverage of teller window glass surface to ensure adequate discrimination between applicant voice and waiting area noise.
6. Provide two discrete channels of amplification for audio speakers at each teller window.
7. Waiting Area Loudspeakers: Place loudspeakers to serve paging zones in consular waiting area and in associated outdoor waiting area. Speaker indoor coverage shall conform to ANSI/INFOCOMM 1M:20009, “Audio Coverage Uniformity Standard in Enclosed Listener Areas.”

8. Connections and Configurations:
   a. Provide connections and configuration to facilitate connection of user-furnished headset by teller at AV control panel. These connections shall be wired in standard fashion to facilitate use of commercial off-the-shelf (COTS) headphones with microphone boom.
   b. To facilitate paging announcements from queuing system processor, provide audio interface with consular queuing system; see Section 274220 “Consular Queue Management System Infrastructure and Displays.”

C. Remote Control Systems:

1. Provide integrated control system for control teller and public areas.
   a. Provide controls on teller-side countertop at each teller window location.
   b. AV Control Panel: Provide paging and muting control, with limited volume, for teller via AV control panel. Include headset jack to permit connection of headset by teller.
   c. Control functions shall include the following:
D. Network

1. Display number of window being controlled.

2. Provide “To Applicant” volume control. This controls volume and muting of teller’s speech being heard by applicant. Provide indicator that displays relative position of volume.

3. Provide “From Applicant” volume control. This controls volume and muting of applicant’s speech being heard by teller. Provide indicator that displays relative position of volume.

4. Provide audio processor to limit range of these controls, and prevent feedback and excessive loudness.

5. Provide “Paging Waiting Room” button. When this button is pushed, teller’s microphone shall be routed to audio processor frame that assigns microphone to paging output.

6. Provide “Mute All” button on AV control panel. When this button is pushed, both inbound and outbound signals shall be muted.

7. Provide “Mute” button on teller microphones. When this button is pushed, only outbound audio is muted. When button is pushed again, microphone shall become operational again. Include visible indicator on teller microphone of mute status.

8. Number of programmed paging zones shall be as determined by Project Director/COR as indicated or based upon input from OBO/PDCS/DE/EE, and labeling nomenclature shall be provided for zones.

1. Device control and cobra-net networks shall be distributed separately from building network.

2. Use of intra-building optical fiber is indicated on Drawings, or if not, shall be coordinated with Project Director/COR based upon input from Post Information Management Officer (IMO).

3. Consular AV Installer shall coordinate associated IP addresses with Project Director/COR based upon input from Post IMO.
4. Provide Cobra Net network to link each audio processor frames to facilitate paging functions and interconnectivity.

5. Provide network switched to support Cobra Net device connections.

1.3 SYSTEM PERFORMANCE REQUIREMENTS

A. General:

1. Provide equipment, components, software, accessories, and miscellaneous items necessary to achieve fully functioning audio systems for consular teller intercoms and consular paging.


B. Audio Performance Characteristics:

1. Frequency Response: 30Hz – 18 KHz, within ± 3.0db

2. Signal to Noise Ratio: 55dB minimum

3. Total Harmonic Distortion: 1 percent maximum from 30Hz-15Hz (THD)

C. Audio Intelligibility: Consular intercom and paging systems shall achieve minimum performance for Speech Transmission Index (STI) exceeding the level of “Fair” quality (i.e., the STI level meets or exceeds 0.60 STI) identified in International Standard IEC 60286-16 (2003-05), “Objective Rating of Speech Intelligibility by Speech Transmission Index),” White noise or spoken word source within Consular Waiting Room shall be set to 65 dBA at 1M to simulate conversation level within Consular Waiting Room. Noise source shall be positioned to emulate waiting applicants.

D. Paging Zone Amplifier Load: Provide 70V amplification for paging zones. Total of loudspeaker load presented to amplifier shall not exceed 80 percent of amplifier’s wattage capacity.

E. Audio Video Bridging (AVB):

1. Transport: Conform to IEEE 802.1.

2. Transport in development products expected Q1-2012.

F. Seismic Performance: Equipment frames shall withstand the effects of earthquake motions determined according to ASCE/SEI 7.

1. The term "withstand" means "the unit will remain in place without separation of any parts from the device when subjected to the seismic forces specified.]
1.4 SUBMITTALS

A. Product Data: Manufacturer’s product information and data sheets for all equipment items. Products and options selected in data sheets shall be clearly identified. Data sheets without identification of selections may be rejected.

B. Coordinate timing and content of submittals with those for Section 274220 “Consular Queue Management System Infrastructure and Displays” for output of paging and input for queueing system.

C. Shop Drawings: Signed and sealed by a qualified professional engineer. Complete system shop drawings depicting the following information:

1. All point-to-point wiring single-line diagrams, equipment interconnections, component values and showing complete letter and number identification of all wire and cable as well as jacks, terminals and connectors.
2. All panels, plates, and designation strips, including details relating to terminology, engraving, finish, and color.
3. Complete sets of remote touch panels and pushbutton panel layouts, and brief functional description of programming.
4. All equipment modifications.
5. Cabling run sheets and field wiring details.
7. Elevation drawings of each equipment rack.
8. Complete and detailed schematic drawing including all items of equipment, and mounting heights.

D. Coordination Drawings: Reflected ceiling plans, drawn to scale, on which the following items are shown and coordinated with each other, based on input from installers of items involved:

1. Ceiling-mounted items including lighting fixtures, diffusers, grilles, speakers, sprinklers, access panels, and special moldings.

E. [Manufacturer Seismic Qualification Certification: Submit certification that central control cabinets, accessories, and components will withstand seismic forces applicable to the Project. Include the following:

1. Basis for Certification: Indicate whether withstand certification is based on actual test of assembled components or on calculation.
2. Dimensioned Outline Drawings of Equipment Unit: Identify center of gravity and locate and describe mounting and anchorage provisions.
3. Detailed description of equipment anchorage devices on which certification is based and their installation requirements.]
F. Qualification Data for Consular AV Installer:

1. Identify three similar projects of the same or greater magnitude and scope within last five years. Include statement that Consular AV Installer was actively involved in those projects. Provide current contact names and telephone numbers, as well as job description.
2. Identify project team for Consular AV Installer, including resumes demonstrating history with similar projects of similar or greater magnitude and scope.
3. Certificates: Factory-training certificates for Installers that correspond to work for this project.
4. Factory-trained and certified engineer for DSP Software and control product for product lines included in this project, including for training and service. Submit certificates and credentials.

G. Field quality-control test reports.

H. Closeout Submittals: At completion of installation, provide the following information:

1. Equipment inventory listing manufacturer, model number and serial number for all equipment items furnished.
2. Record drawings for each system installation, showing all equipment items, interconnection of equipment and all cable label designations.
3. Teller-Side User Guide: In addition to laminated guides identified in Article on IDENTIFICATION AND INSTRUCTIONS, provide editable version to facilitate updates to guides.
4. Functional Block Drawing: Identify all input and output circuit cable and terminal block numbers as well as all jack field circuit I.D. designations. Drawing shall be in readable logical format that is understandable to both technical and non-technical staff.
   a. Provide separate copy of this drawing; place under clear acrylic sheet, and mount on inner surface of AV equipment rack door.

I. Operation and Maintenance Data: For intercommunication system to include in emergency, operation, and maintenance manuals. Provide hardcopy manual and electronic version.

1. The operation section shall describe all typical procedures necessary to activate each system to provide for functional requirements as listed in this section.
2. The Maintenance section shall provide recommended maintenance schedule with reference to applicable pages in manufacturer’s maintenance manuals. Where manufacturer provides inadequate information, Consular AV Installer shall provide information necessary for proper maintenance.
3. Submit replacement parts lists in support of all items of equipment, either stock manufactured item or custom built.
4. Submit data on same electronic storage as with programming code and software for system.

1.5 OWNERSHIP OF PROPRIETARY MATERIAL

A. Government retains all rights to software and passwords used for this project.

B. Government will sign copy of manufacturer’s standard software and firmware licensing agreement as condition of this contract. Such license shall grant use of all programs and application software to Government as defined by manufacturer’s license agreement, but shall protect manufacturer’s rights to disclosure of Trade Secrets contained within such software.

C. Licensing agreement shall not preclude use of software by individuals under contract to Government for commissioning, servicing, or altering system in future. Use of software by individuals under contract to Government will be restricted to use on Government’s computers, and only for purpose of commissioning, servicing, or altering installed system.

D. All project developed software, files and documentation shall become property of Government.

1.6 QUALITY ASSURANCE

A. Consular AV Installer Qualifications: Manufacturer's authorized representative who is trained and approved for installation of units required for this Project, and are Certified Technology Specialists (CTS and CTS-D), with minimum 5-years industry experience.

B. Qualification for Engineers for DSP Software and Control Products: Manufacturer-certified and factory-trained for product line training, software programming, and service.

C. Testing Agency Qualifications: Independent agency, with experience and capability to conduct testing identified in this Section, that is member company of InterNational Electrical Testing Association (NETA) or is nationally recognized testing laboratory (NRTL) as defined by OSHA in 29 CFR 1910.7, and that is acceptable to Project Director/COR.

1. Testing Agency's Field Supervisor: Person currently certified by InterNational Electrical Testing Association (NETA) or National Institute for Certification in Engineering Technologies (NICET) to supervise on-site testing specified in this Section.
D. Comply with the OBO Electrical Code (NFPA 70, “National Electrical Code” as amended by OBO).

E. Comply with National Fire Alarm and Signaling Code (NFPA 72).

1.7. DELIVERY, STORAGE, AND HANDLING

A. Deliver equipment in fully enclosed vehicles after specified environmental conditions have been permanently established in spaces where equipment is to be placed.

B. Store equipment in spaces with environments controlled within manufacturers' ambient temperature and humidity tolerances for non-operating equipment.

1.8. COORDINATION

A. Coordinate layout and installation of ceiling-mounted speaker microphones with other construction that penetrates ceilings or is supported by them, including light fixtures, HVAC equipment, fire-suppression system, and partition assemblies.

1.9. MAINTENANCE SERVICE

A. During project warranty period, Consular AV Installer shall supply staff, authorized and trained for equipment installed, to service equipment as described below.

1. Telephone Assistance: Consular AV Installer shall respond via telephone within one business day of notification. This first contact will be to outline nature of problem or functional anomaly. Consular AV Installer shall make available an individual knowledgeable with installed system that can address specific system issues described by system operators.

2. On-Site Repair Assistance: Consular AV Installer shall be available to provide capable technicians for on-site service of systems equipment or control software. Technicians dispatched shall be familiar with installed system with complete knowledge of products used in systems configuration. Technicians dispatched shall have complete ability to address nature of system anomaly or performance difficulty described. Provide on-site response within one week. Service shall be available during normal business hours of the facility, Monday through Friday, 8:00 am until 5:30 pm.
3. Scheduled Service: Consular AV Installer shall provide two scheduled service visits to inspect, maintain, and adjust systems during project warranty period. First visit shall occur approximately six months after installation, and second visit near end of warranty period.

a. Adjustment: During first scheduled service visit provide on-site assistance in adjusting system to suit actual occupied conditions. Refer to Part 3 requirements for Start-Up Service in relation to initial adjustment prior to operation.
PART 2 - PRODUCTS

2.1 GENERAL

A. System manufacturer shall furnish all equipment. In addition, manufacturer shall furnish all accessory components to this system that are not identified in the Summary Article in the Paragraph on “Related Sections.

2.2 AUDIO EQUIPMENT

A. Audio dynamic sound processor (DSP):

   1. Acceptable Manufacturers: Subject to compliance with functional description of system and other requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

   a. Biamp
   b. Pevey
   c. Clear One

B. Consular Side Intercom Speakers:

   1. Acceptable Manufacturers: Subject to compliance with functional description of system and other requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

   a. Tannoy
   b. JBL
   c. Electro-Voice

C. Applicant Side Speakers:

   1. Acceptable Manufacturers: Subject to compliance with functional description of system and other requirements, manufacturers offering products may be incorporated into the Work include, but are not limited to, the following:

   a. Tannoy
   b. JBL
   c. Electro-Voice
D. Audio Amplifier: Provide two channels of amplifications for intercom speakers at each teller window. These amplifiers may be either part of DSP assembly, or may be product of separate manufacturer as follows:

1. Acceptable Manufacturers: Subject to compliance with functional description of system and other requirements, manufacturers offering products may be incorporated into the Work include, but are not limited to, the following:

   a. Biamp

E. Gooseneck Microphone:

1. Acceptable Manufacturers: Subject to compliance with functional description of system and other requirements, manufacturers offering products may be incorporated into the Work include, but are not limited to, the following:

   a. Auditechnica
   b. Clock Audio
   c. Shure

F. Boundary Zone Intercom Microphone:

1. Acceptable Manufacturers: Subject to compliance with functional description of system and other requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

   a. Crown
   b. Harmon Audio

G. Audio Connections:

1. Acceptable Manufacturers: Subject to compliance with functional description of system and other requirements, manufacturers offering products that be incorporated into the Work include, but are not limited to, the following:

   a. Brahler
   b. DIS

H. Paging Speakers:

   a. 70 V speaker with individual volume control on each speaker.

2.3 REMOTE CONTROL SYSTEMS

A. AV Function Control System:

1. Acceptable Manufacturers: Subject to compliance with functional description
of system and other requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

a. Creston  
b. AMX

2.4 NETWORK COMPONENTS

A. Provide network connections: CobraNet or approved equal.

1. Provide network switches to support CobraNet device connections.

2.5 MISCELLANEOUS EQUIPMENT

A. Consular Audio Equipment Rack: Provide racks for rack-mounted consular audio equipment. Included rack-mounted shelves for equipment which is not rack-mounted. Provide associated wire management.

B. AC Power Conditioning for Equipment Rack:

1. Provide power devices based upon host country power standards.

C. AC Power Uninterruptible Power Supply (UPS): Provide for all audio signal processor and control system equipment. Size to operate paging and intercom for minimum of 10 minutes.

D. Cables: The following represents Basis of Design unless indicated otherwise on Drawings:

1. Type 1: West Penn D25921 Audio (Mic/Line shielded plenum).
2. Type 2: West Penn D25924 Audio (for 16- and 8-ohm speakers shielded plenum).
3. Type 3: West Penn D25923 Audio (70-V speakers shielded plenum).
4. Type 4: West Penn D254246 Category 6.
5. Type 5: West Penn D25291 RS-232 Distribution
6. Type 6: Cresnet-P 650185 Crestnet Distribution

E. Connection Plate Receptacles: Unless otherwise detailed, provide the following types of panel receptacles on connection boxes, panels, plates, and wire ways:

1. Audio (microphone or line level): XLR3 type.
2. Loudspeakers (70 Volt or Low Impedance): Neutrik “Speakon” type.
2.6 SOFTWARE

A. Provide all programming and configuration necessary to provide a complete and working system conforming to functional and performance requirements identified in this Section.

PART 3 - EXECUTION

3.1 INSTALLATION

A. General:

1. Installation includes setting in place, fastening to walls, floors, ceilings, counters, or other structures where required, interconnecting wiring of system components, equipment alignment and adjustment, and other work whether or not expressly required herein which is necessary to result in complete operational systems.
2. Installation shall be performed by installers authorized by Manufacturers.
3. Installation shall provide system which conforms to functional and performance requirements of this Section.

B. Physical Installation:

1. Firmly secure equipment in place unless requirements of portability dictate otherwise.
2. Secure with fasteners adequate to support load from system with safety factor of at least three times total load.
3. Secure boxes, equipment, and similar components plumb and square.
4. Install equipment and cable in manner that facilitates operational efficiency and overall aesthetic factors.

C. Cable Installation:

1. Mark cables, regardless of length, with wrap-around number or letter cable markers at both ends. There shall be no unmarked cables at any place in the system. Marking codes used on cables shall correspond to codes shown on drawings or wire run sheets.
2. Neatly strap, dress, and adequately support inter-rack cabling.
3. Group cables according to signals being carried. To reduce signal contamination, form separate groups for the following cables:
   a. Power cables.
   b. Control, data cables, and Cat 6 UTP.
   c. Audio cables carrying signals less than -20 dBm.
   d. Audio cables carrying signals between -20 dBm and +20 dBm.
   e. Audio cables carrying signals above +20 dBm.
4. Do not allow audio cables to run in same raceway as video, computer video or power cables.
5. As general practice, run power cables, control cables, and high level cables on left side of equipment rack as viewed from rear. Run other cables on right side of equipment rack, as viewed from rear.
6. Cut cables to length dictated by run. Splices in pull boxes are not permitted without prior permission of Project Director/COR. For equipment mounted in drawers or on slides, provide interconnecting cables with service loop of appropriate length.

7. Do not install cable with bend radius less than that recommended by cable manufacturer.

8. Install cable in 50 mm below-grade conduit from Consular equipment room to locations of paging devices in outdoor Consular waiting area. See Division 26 section on raceways and boxes for installation of conduit outside of building.

3.2 GROUNDING

A. Procedures: To minimize problems resulting from improper grounding and to achieve maximum signal-to-noise ratios, adhere to the following:

1. General: Because of great number of possible variations in grounding systems, it is the responsibility of Contractor to follow practices below, and to deviate from these practices only when necessary to minimize cross talk and to maximize signal-to-noise ratios in the audio, video, and control systems. See Section 270526 “Grounding and Bonding for Communications Systems” for general requirements.

2. Install secondary system grounding conductors from all racks, audio consoles, and ungrounded audio equipment in each area to primary system grounding point for area.

3. Do not use AC neutral conductor, either in power panel or in receptacle outlet, be used for system ground; no exceptions are permitted.

4. Audio Cable Shields: Ground audio cable shields at one point only; no exceptions are permitted. For inter and intra-rack wiring, shield be connected at one end only. For ungrounded portable equipment, such as microphones, connect shield at both ends but grounded at only one end.

5. Speaker Cable Shields: Ground all speaker cable shields at rack enclosure and bond to technical ground.

3.3 SYSTEM PROGRAMMING

A. Programming: Fully brief Project Director/COR on available programming options. Record Project Director/COR’s decisions and set up initial system program. Prepare a written record of decisions, implementation methodology, and final results.

3.4 IDENTIFICATION AND INSTRUCTIONS

A. Associated AV Equipment Room: Provide wall-mounted, full-size system diagrams to facilitate system setup and troubleshooting. Mount diagrams under clear plastic for protection.

B. Teller-Side Window Station: Provide simplified user guide for tellers. Laminate each guide for durability.
3.5  FIELD QUALITY CONTROL

A. Contractor System Checkout: Before Acceptance Tests are scheduled, Consular AV Installer shall perform their own system checkout as quality control procedure. They shall furnish all required test equipment, and perform all steps necessary to determine performance of system to conform to requirements of this Section. This work shall include the following:

1. Checkout procedures shall be consistent with test standards identified under requirements for “System Acceptance Tests” below.

2. Test all audio and related systems for comply with System Performance Requirements.

3. Check all control functions, from controlling devices to controlled devices, for proper operation.

4. Perform preliminary adjusting, balancing, and alignment of system equipment for optimum quality and for conformance with manufacturer’s published specifications. Establish and mark normal settings for all level controls, and record these settings in “Operation and Maintenance Data” submittal.

5. Maintain documentation on-site of all performance tests for reference by Project Director/COR and representative of independent testing agency during System Acceptance Tests.

B. Systems Acceptance Tests:

1. Contractor shall engage independent testing agency to perform tests identified below. System Acceptance Tests shall not be performed until Contractor’s System Checkout has been completed. Project Director/COR or their representative may monitor System Acceptance Tests. These tests will consist of the following:


   b. Testing Equipment: Contractor is responsible for supplying test equipment required to perform tests.

   c. Two complete hardcopy sets of record drawings, run sheets, manuals, and other required pre-testing construction submittals shall be on on-site, delivered to Project Director/COR prior to scheduling of Acceptance Tests.

   d. Physical inventory of installed equipment and components shall first be performed of all equipment on site to confirm sufficient presence of items necessary to obtain acceptable test results.

   e. Consular AV Installer shall demonstrate operation of all system equipment.

   f. Subjective and objective tests shall be performed to determine compliance with
requirements of this Section. Confirm that sampling of 25 percent of teller windows and paging zones achieve required minimum STI.

g. If further adjustment is required to conform to project requirements, or if equipment is defective and requires repair or replacement, tests may be suspended or continued at discretion of Project Director/COR. Acceptance testing shall then be continued once Consular AV Installer has identified readiness of system. Costs associated with suspension of testing, including additional costs for testing representatives of Project Director/COR, are responsibility of Contractor.

2. Performance of test audio signal paths for Performance Standards Tests will include, as an example but not limited to, the following:

a. Audio:

1. Communication of each teller window station. Test of levels shall include echo cancellation check.
2. Paging capabilities from each teller window station.
3. Monitoring station capabilities.
4. Testing shall be from all source inputs (e.g., microphones, audio tape units) through all (e.g., mixers, ADA's, switchers) to all signal destinations.
5. Test all switches, sound levels, and overall intelligibility.
6. Delineation of above signal paths does not exempt Contractor from responsibility of checking all paths and outlets for appropriate compliance with Performance Standards during prior Contractor System Checkout.

7. During Acceptance Testing, all equipment shall be operated under standard conditions recommended by manufacturer.

b. Control:

1. Audio volume, include inbound and outbound levels.
2. Mute inbound and mute outbound operations
3. Paging selections

C. Miscellaneous:

3.6 1. Cable identification markings.
     2. Cable routing integrity and neatness.
     3. Location of speakers, microphones, and controls.
3.6 CLEANING

A. Upon completion of installation, clean equipment in accordance with manufacturer’s instructions.

3.7 STARTUP SERVICE

A. Engage factory-authorized service representative to perform startup service and initial system programming.
B. Adjust sound levels, resetting transformer taps, and adjusting controls to meet occupancy conditions.
C. Verify that electrical wiring installation complies with manufacturer's submittal and installation requirements.
D. Complete installation and startup checks according to manufacturer's written instructions.

3.8 PROTECTION

A. During installation, and up to date of occupancy, protect finished and unfinished work against damage and loss. In event of such damage or loss, replace or repair such work at no cost to Government.

3.9 DEMONSTRATION

A. Provide on-the-job training by instructor who is fully knowledgeable in design and operation of systems to individuals identified by Project Director/COR. Provide qualified instructors or manufacturer’s representative for such instruction. All training shall take place after audio systems are operational, and after Government-Furnished Government-Installed (GFGI) components and software for Consular Queue Management System is operational; see Section 274220 “Consular Queue Management System Infrastructure and Displays.”

1. System User Training:

   A. Training Sessions:

      1. On-site class training of 1-hour duration per session, with each session training tellers serving 10 windows. Number of class sessions shall be one for each 10 teller windows.
      2. On-site hands-on training sessions of same individuals that participated in class sessions, but on window-by-window basis. Sessions shall be ½-hour duration for each window, with two individuals being trained in each session.
B. Training Content:

1. Operation of teller window control panel, volume level, and paging area selection(s).
2. Microphone use and techniques for best intelligibility.

2. Technical Support Personnel Training; 8-hour session for 4-6 individuals. Session shall including the following topics:

a. Operation of teller window control panel (conceptual design, configuration and normal use parameters).
b. Microphone use and techniques for best signal to noise ratio.
c. General Care and system maintenance.
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 PRODUCTS AND COMMERCIAL SERVICES. (JAN 2022)

(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).


(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:

5. [Reserved].
(10) [Reserved].
(11) 52.219-3, Notice of HUBZone Set-Aside or Sole-Source Award (SEP 2021 (15 U.S.C. 657a).
(12) 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]
(i) 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)).
(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
(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)).
(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)).
(26) 52.219-33, Nonmanufacturer Rule (SEP 2021) (15 U.S.C. 637(a)(17)).
(28) 52.222-19, Child Labor-Cooperation with Authorities and Remedies (JAN 2020) (E.O.13126).
(29) 52.222-21, Prohibition of Segregated Facilities (APR 2015).

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


(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 221803.)

(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) 52.223-13, Acquisition of EPEAT®-Registered Imaging Equipment (JUN 2014) (E.O.s 13423 and 13514).


(41) 52.223-14, Acquisition of EPEAT®-Registered Televisions (JUN 2014) (E.O.s 13423 and 13514).

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


(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.

(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)


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


(49)


(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.


(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).

(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:

(7) 52.222-55, Minimum Wages Under Executive Order 14026 (JAN 2022).

(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) 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—


(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).


(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).


(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.


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

(xvii) 52.222-55, Minimum Wages Under Executive Order 14026 (JAN 2022).


(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.

**Alternate I** (FEB 2000). As prescribed in 12.301(b)(4)(i), delete paragraph (d) from the basic clause, redesignate paragraph (e) as paragraph (d), and revise the reference to "paragraphs (a), (b), (c), or (d) of this clause" in the redesignated paragraph (d) to read "paragraphs (a), (b), and (c) of this clause".

**Alternate II** (JAN 2022). As prescribed in 12.301(b)(4)(ii), substitute the following paragraphs (d)(1) and (e)(1) for paragraphs (d)(1) and (e)(1) of the basic clause as follows:

(d)(1) The Comptroller General of the United States, an appropriate Inspector General appointed under section 3 or 8 G of the Inspector General Act of 1978 (5 U.S.C. App.), or an authorized representative of either of the foregoing officials shall have access to and right to—

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

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

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

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

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


(C) 52.204-23, Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab and Other Covered Entities (NOV 2021) (Section 1634 of Pub. L. 115-91).

(D) 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment (NOV 2021) (Section 889(a)(1)(A) of Pub. L. 115-232).

(E) 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.

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

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


(J) 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.


(O) 52.222-54, Employment Eligibility Verification (NOV 2021) (Executive Order 12989).

(P) 52.222-55, Minimum Wages for Contractor Workers Under Executive Order 14026 (JAN 2022).

(Q) 52.222-62, Paid Sick Leave Under Executive Order 13706 (JAN 2022) (E.O. 13706).


(2) Alternate I (JAN 2017) of 52.224-3.


(T) 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.

(U) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (NOV 2021) (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.

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) 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.

(d) 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.
ADDENDUM TO CONTRACT CLAUSES
FAR AND DOSAR CLAUSES NOT PRESCRIBED IN PART 12

52.252-2CLAUSES 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](http://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](https://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 Regulations (FAR) clauses are incorporated by reference:

<table>
<thead>
<tr>
<th>CLAUSE</th>
<th>TITLE AND DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>52.203-17</td>
<td>CONTRACTOR EMPLOYEE WHISTLEBLOWER RIGHTS AND REQUIREMENT TO INFORM EMPLOYEES OF WHISTLEBLOWER RIGHTS (JUN 2020)</td>
</tr>
<tr>
<td>52.204-13</td>
<td>SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (OCT 2018)</td>
</tr>
<tr>
<td>52.204-18</td>
<td>COMMERCIAL AND GOVERNMENT ENTITY CODE MAINTENANCE (AUG 2020)</td>
</tr>
<tr>
<td>52.225-14</td>
<td>INCONSISTENCY BETWEEN ENGLISH VERSION AND TRANSLATION OF CONTRACT (FEB 2000)</td>
</tr>
<tr>
<td>52.228-3</td>
<td>WORKERS’ COMPENSATION INSURANCE (Defense Base Act) (JUL 2014)</td>
</tr>
<tr>
<td>52.228-5</td>
<td>INSURANCE - WORK ON A GOVERNMENT INSTALLATION (JAN 1997)</td>
</tr>
<tr>
<td>52.229-6</td>
<td>FOREIGN FIXED PRICE CONTRACTS (FEB 2013)</td>
</tr>
<tr>
<td>52.232-39</td>
<td>UNENFORCEABILITY OF UNAUTHORIZED OBLIGATIONS (JUNE 2013)</td>
</tr>
<tr>
<td>52.244-6</td>
<td>SUBCONTRACTS FOR COMMERCIAL PRODUCTS and COMMERCIAL ITEMS (JAN 2022)</td>
</tr>
</tbody>
</table>
The following FAR clauses are provided in full text:

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 30 of the current calendar year. 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 30 of the current calendar year, 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 clauses are provided in full text:

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.

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

(a) General. The Government shall pay the Contractor as full compensation for all work required, performed, and accepted under this contract the firm fixed-price stated in this contract.
(b) Invoice Submission. The Contractor shall submit invoices in **an original and one copy** copies 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).

- **US Embassy Djibouti**
- **Attn: Budget and Finance**
- **Lotissement Haramous**
- **Lot 350-B Djibouti**
- **Email: djiboutiap@state.gov**

(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:

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 contractor's accounting policy.

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.

(a) The COR for this contract is

**Electrical Engineer**
**MGT/FAC Elias Yirdaw**
**Email**: yirdaweg@state.gov

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

Instructions to Offeror. Each offer must consist of the following:

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:

A.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](http://www.dol.gov/owcp/dlhwc/lscarrier.htm)

A.2. Information demonstrating the offeror’s/quoter’s ability to perform, including:
[Note to Contracting Officer: Revise, add to, or delete from the following list, as needed]

   (1) Name of a Project Manager (or other liaison to the U.S. Embassy/Consulate) who understands written and spoken English;

   (2) Evidence that the offeror/quoter operates an established business with a permanent address and telephone listing;

1. List of clients over the past 5 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 other US Embassy, 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.

2. Evidence that the offeror/quoter can provide the necessary personnel, equipment, and financial resources needed to perform the work;
3. The offeror shall address its plan to obtain all licenses and permits required by local law (see DOSAR 652.242-73 in Section 2). If offeror already possesses the locally required licenses and permits, a copy shall be provided.

4. The offeror’s strategic plan for **CONSULAR INTERVIEW INTERCOM SYSTEM LIFE CYCLE REPLACEMENT** 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.

- a copy of the Certificate of Insurance, or
- a statement that the contractor will get the required insurance, and the name of the insurance provider to be used.
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)

52.237-1 SITE VISIT (APR 1984)

The site visit will be held on 06/12/2022 at 10:00 (local time) at US Embassy Djibouti Lotissement Haramous lot 350-B. Prospective offerors/quoters should contact djiboutiprocurement@state.gov and kayadse@state.gov for additional information or to arrange entry to the building.

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.
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 at. 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.
SECTION 4 - EVALUATION FACTORS

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

- 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.

- The Government will determine acceptability by assessing the offeror's compliance with the terms of the RFQ to include the technical information required by Section 3.

- The Government will determine contractor responsibility by analyzing whether the apparent successful offeror 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).

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.
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.

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)
(b) **Procedures.** The Offeror shall review the list of excluded parties in the System for Award Management (SAM) ([https://www.sam.gov](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.

(d) 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.

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](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

**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 veterans, 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 with 13 CFR 124.1002, means a small business concern under the size standard applicable to the acquisition, that—

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

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

(ii) Each individual claiming economic disadvantage has a net worth not exceeding $750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and

(2) The management and daily business operations of which are controlled (as defined at 13 CFR 124.106) by individuals, who meet the criteria in paragraphs (1)(i) and (ii) of this definition.

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

(1) Directly by a parent corporation; or

(2) Through another subsidiary of a parent corporation

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 least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

(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](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 Order 11246-

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

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

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

(2) *Affirmative Action Compliance.* The offeror represents that–
(i) It □ has developed and has on file, □ has not developed and does not have on file, at each establishment, affirmative action programs required by rules and regulations of the Secretary of Labor (41 CFR parts 60-1 and 60-2), or

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

(e) Certification Regarding Payments to Influence Federal Transactions
(31 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:

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(3) The Government will evaluate offers in accordance with the policies and procedures of FAR \textit{part 25}.

(g) \textit{Buy American-Free Trade Agreements-Israeli Trade Act Certificate}. (Applies only if the clause at FAR \textit{52.225-3}, Buy American-Free Trade Agreements-Israeli Trade Act, is included in this solicitation.)

(i) The Offeror certifies that each end product, except those listed in paragraph (g)(1)(ii) or (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."

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(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:

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[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:
(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":

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[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:

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[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:

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(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 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.

(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.

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<th>Listed End Product</th>
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(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.)

(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](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) \( \square \) does, \( \square \) 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–

\( \square \) does, \( \square \) 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.
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.

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](http://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.
Overview

The U.S. Embassy Djibouti Consular Section requires the services of a contractor to replace the intercommunication systems of its consular windows. The consular intercom system is composed of a two-way communications system at each consular window to facilitate communication between the consular employee(s) and the applicant(s). The contractor selected shall provide and install two-way intercommunication systems (microphone, speaker, and control unit) at the specified consular windows of the Consular Section of the U.S. Embassy in Djibouti. The work shall include removing existing intercommunication equipment, installing and testing the new equipment, and training staff how to operate the equipment. Work shall be warrantied for a minimum of one year. As the work is to be performed in stages, the installation of new intercom systems must not degrade the performance of the remaining intercom systems. A site visit will be offered during the bid submission period.

GENERAL SPECIFICATIONS

Microphone/Speaker System

This contract is for the delivery and installation of functioning microphone/speaker systems for the Consular Section of U.S. Embassy Djibouti. The contract will cover a total of ten microphone systems (three interview windows, one privacy booth, and one cashier booth), and the public waiting area. Each microphone/speaker system must enable the consular employee and the applicant to communicate clearly despite being separated by a thick pane of glass, in accordance with the audio quality/intelligibility specifications below. Contractor’s proposal shall include a detailed table of proposed devices/materials (including name of manufacturer, brand and model name, and intended use of each of the devices/materials proposed).

The first phase of installation should cover a minimum of ten microphone systems. The number of microphone/speaker systems being replaced at each time will be dependent on the funding available in each phase but should aim to replace at least ten to twelve microphone/speaker systems during each phase of installation.

Cost to include all audio equipment, controllers, gooseneck microphones, applicant microphones, speakers, headsets, and equipment rack with internal rack cabling. System equipment manuals, operations guide, and submittal drawings are to be included with system cost. This contract shall also cover the necessary removal of the existing system and associated wiring and appurtenances.

The contractor shall provide equipment, components, software, accessories, and miscellaneous items necessary to achieve fully functioning audio systems for consular teller intercoms. System design shall conform to ANSI/INFOCOMM 2M: 2010, “Standard Guide for Audiovisual Systems Design and Coordination.”
Audio Performance Characteristics:

Frequency Response: 30Hz – 18 KHz, within 3.0db
Signal to Noise Ratio: 55dB minimum
Total Harmonic Distortion: 1 percent maximum from 30Hz-15Hz (THD)

Audio Intelligibility: Consular intercom systems shall achieve minimum performance for Speech Transmission Index (STI) exceeding the level of “Fair” quality (i.e., the STI level meets or exceeds 0.60 STI) identified in International Standard IEC 60286-16 (2003-05), “Objective Rating of Speech Intelligibility by Speech Transmission Index.” For testing, white noise or spoken word source within Consular Waiting Room shall be set to 65 dBA at 1M to simulate conversation level within Consular Waiting Room. Noise source shall be positioned to emulate waiting applicants.

The pre-configured system will feature Biamp AudiaFlex (or equal to) equipment per the State Department’s design 275105 (refer to Appendix-1). The AudiaFlex frames will include the required modules that will be used for processing the digital audio signals and echo cancellation at each interview window.

Audio systems will provide echo cancellation and audio processing in office and public areas. Audio speakers in staff areas should be wall mounted; applicant area speakers should be ceiling mounted. The contractor will provide a wall mounted boundary zone microphone on the public side with mounting to a single gang wall plate; provide equalization and processing for all audio sources; and provide amplification for contractor provided audio speakers at two discrete channels.

The system will provide the Biamp NPS-1 or comparable desktop microphones on the Consular Staff side of each window. Consular users should be able to easily switch between using the gooseneck microphone/ or a headset (non-Bluetooth). The microphone shall have a mute button that mutes the speakers on the applicant’s side whether the consular employee is using the gooseneck microphone or the headset’s microphone.

The applicant side microphones will always be powered on with no button for the applicant to toggle/mute when speaking to the Consular Officer. Place microphone to provide direct coverage of teller window glass surface to ensure adequate discrimination between applicant voice and waiting area noise.

For window control, each window will include a controller that will be cabled to the equipment rack. The window controller will allow the user to mute the speaker volume on either side of the window as well as control the volume of the speakers on either side of the window.

Waiting Area Loudspeakers: Place contractor provided loudspeakers to serve paging zones in consular waiting area and in associated outdoor waiting area. Speaker indoor coverage shall conform

The system will include all speaker(s), gooseneck microphones, applicant microphones, headsets, and control and category cable. The system will include an audio rack to be located in the consular section.

All software and user manuals of the system shall be the sole property of U.S. Embassy Djibouti. Vulnerabilities in software or exploitation by other entities are the responsibility of the contractor.
The vendor will make a pre-installation site visit. When drawings are completed to the satisfaction of the Embassy’s COR, the vendor will procure the needed materials, assemble and test the components, and deliver and install them.

1. Drawings: In case of differences between small and large-scale drawings, the latter will govern. Where a portion of the work is drawn in detail and the remainder of the work is indicated in outline, the parts drawn in detail shall also apply to all other portions of the work.

2. Administration: Contractor shall provide a submittal within 15 business days as per U.S. government calendar after the site visit documenting cable routing, conduits, pathways from the station equipment to the communications closets, communication distribution frame and vertical/horizontal cable sizes.

3. Contractor shall label all cabling and receptacle boxes as set forth in EIA standards as well. Contractor shall provide as-built or records management documentation (labels, records, drawings, etc.) showing all cable terminations and cross-connects.

4. Security: Work in some areas will require a cleared American escort.

5. Testing: The Contractor shall perform pre-qualification testing during installation to ensure quality control and that the cabling system will pass qualification testing. U.S. Embassy Djibouti personnel will test equipment to the standards and the contractor will be responsible for repairing or revising systems to meet any non-compliance the testing process reveals.

6. Removal of Existing Wiring: The Contractor shall repair any damage caused by the removal of the current microphone system, and eliminate any holes or gaps left behind that are not covered by the new system. Upon completion and passing of tests identified above, contractor shall remove old cabling. This shall be done minimizing any property damage to walls, ceilings, and carpets affected by the removal. Contractor is responsible for restoring walls, ceiling, and carpeting to their original condition. If cutting or a penetration is necessary, it shall not impair the structural stability of the building and system and contractor shall patch and paint (if on wall or ceiling) effected areas.

7. Patching & Repair: Patching material shall match existing materials in type and quality and be specifically designed to fill holes, spaces, and voids and cavities at communication penetrations and where old cabling removed. Patching material shall be made of fire stopping materials. Restore patched surfaces as close to the original condition and finish as possible. Where patching occurs, smooth the surface to be painted and extend the paint coat over entire unbroken surface containing the patched area. Patched areas shall be primed first and finished with two coats of paint so that patch blends into existing surface.
TRAINING

The Contractor shall train the Embassy’s Consular staff in the operation of the system, and the Embassy’s Facilities staff in the power and electrical maintenance of the system.

The Contractor shall provide user manuals, both paper and electronic. The Contractor shall have a dedicated point of contact for both operational and maintenance issues. If the system initially has a password, the consular, facilities, IRM, and COR will be provided that user/admin log on information with the password.

INSPECTION AND ACCEPTANCE

1. The COR, or his/her authorized representatives, will inspect from time to time the services being performed under this contract and the supplies furnished to determine whether work is being performed in a satisfactory manner, and that all supplies are of acceptable quality and standards.

2. The Contractor shall be responsible for any countermeasures or corrective action, within the scope of this contract, which may be required by the Contracting Officer as a result of such inspection.

WARRANTY

1. During project warranty period and during the term of the contract, the Contractor shall supply staff, authorized and trained for the equipment that was installed, to service equipment as described below.

2. Telephone Assistance: Contractor shall respond via telephone within one business day of notification. This first contact will be to outline nature of problem or functional anomaly. Contractor shall make available an individual knowledgeable with installed system that can address specific system issues described by system operators.

3. On-Site Repair Assistance: Contractor shall be available to provide capable technicians for on-site service of systems equipment or control software. Technicians dispatched shall be familiar with installed system with complete knowledge of products used in systems configuration. Technicians dispatched shall have complete ability to address nature of system anomaly or performance difficulty described. Provide on-site response within one week. Service shall be available during normal business hours of the facility, Monday through Friday, 8:00 am until 5:30 pm.

4. Scheduled Service: Contractor shall provide two scheduled service visits to inspect, maintain, and adjust systems during warranty period. First visit shall occur three to six months after installation (at COR’s discretion), and second visit during the last three months of the warranty period (at the COR’s discretion).

5. Warranty period: Unless otherwise specified by the contracting company, the warranty period of installed hardware shall be no shorter than one year.
SPARE PARTS

Upon completion of the installation, the contractor shall provide sufficient spare parts for complete microphone systems. A complete inventory will be provided to the COR of all spares provided.

QUALIFICATIONS:

- Minimum five years of relevant audio equipment installation experience with examples of work performed and references (include POC name, email address, and phone number for each).
- Certifications: PSNI network of AV systems (this network supports the consular intercommunications systems), contractor must provide proof of CTS, CTS-I and CTS-D certifications.
- Must have the necessary permits and licenses to perform this type of work in China.
- 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.

1. Please refer to the graphic below for a bird’s eye view of the current consular microphone setup of U.S. Embassy Djibouti window units. In this diagram, the items labeled ‘speaker’ and ‘microphone’ are actually integrated microphone and speaker devices.
FOR CONSULAR SERVICES WAITING AREAS W/ FEW TELLER WINDOWS, EVALUATE USE OF TELLER INTERCOM & PAGING

PART 1 - GENERAL

1.5  SUMMARY

B. This Section includes audio communications systems for consular services, including intercommunications systems for consular teller window stations, and paging system for general consular waiting area and associated waiting area outside of building.

B. Related Sections:

7. Division 26 Section on raceways and boxes for conduit installed outside of building.
8. Section 270526 “Grounding and Bonding for Communications Systems.”
9. Section 274220 “Consular Queue Management System Infrastructure and Displays” for interfacing queue management system.
10. Section 275121 “TSS Intercommunications Systems” specifies various security audio and audio/visual intercommunications systems; those intercoms are not related to the work of this Section.
11. Other Division 27 Section for teller window intercommunications at locations not associated with Consular Waiting Area. Those intercoms are not related to the work of this Section.
12. Other Division 26 and Division 27 sections for conduits, wire ways, connection boxes, pull boxes, junction boxes, and outlet boxes permanently installed in walls, floors, and ceilings. Refer to other Division 26 and Division 27 sections for electrical breaker panels required to power audiovisual systems.

1.6  FUNCTIONAL DESCRIPTION OF SYSTEM

E. General:

1. The intent is to provide a fully operational system with voice amplification to facilitate communication by both teller and applicant at each Consular Teller Window without requiring each to raise their voices, and to provide a clear audio experience of paging system for applicants in interior and exterior general consular waiting areas.

F. Audio Systems:

1. Audio dynamic sound processor (DSP): Provides echo cancellation and audio processing for full duplex teller window communications, as well as in consular office and public area paging system.
2. Audio speaker for teller side: Provide wall-mounted speaker.
3. Audio speaker for applicant side: Provide ceiling mounted speaker.
5. Applicant boundary zone microphone: Provide wall mounted on public side with mounting to single gang wall plate. Place microphone to provide direct coverage of teller window glass surface to ensure adequate discrimination between applicant voice and waiting area noise.
6. Provide two discrete channels of amplification for audio speakers at each teller window.
7. Waiting Area Loudspeakers: Place loudspeakers to serve paging zones in consular waiting area and in associated outdoor waiting area. Speaker indoor coverage shall conform to ANSI/INFOCOMM 1M:20009, “Audio Coverage Uniformity Standard in Enclosed Listener Areas.”

8. Connections and Configurations:
   a. Provide connections and configuration to facilitate connection of user-furnished headset by teller at AV control panel. These connections shall be wired in standard fashion to facilitate use of commercial off-the-shelf (COTS) headphones with microphone boom.
   b. To facilitate paging announcements from queuing system processor, provide audio interface with consular queuing system; see Section 274220 “Consular Queue Management System Infrastructure and Displays.”

G. Remote Control Systems:

1. Provide integrated control system for control teller and public areas.
   a. Provide controls on teller-side countertop at each teller window location.
   b. AV Control Panel: Provide paging and muting control, with limited volume, for teller via AV control panel. Include headset jack to permit connection of headset by teller.
   c. Control functions shall include the following:
H. Network

1. Display number of window being controlled.

2. Provide “To Applicant” volume control. This controls volume and muting of teller’s speech being heard by applicant. Provide indicator that displays relative position of volume.

3. Provide “From Applicant” volume control. This controls volume and muting of applicant’s speech being heard by teller. Provide indicator that displays relative position of volume.

4. Provide audio processor to limit range of these controls, and prevent feedback and excessive loudness.

5. Provide “Paging Waiting Room” button. When this button is pushed, teller’s microphone shall be routed to audio processor frame that assigns microphone to paging output.

6. Provide “Mute All” button on AV control panel. When this button is pushed, both inbound and outbound signals shall be muted.

7. Provide “Mute” button on teller microphones. When this button is pushed, only outbound audio is muted. When button is pushed again, microphone shall become operational again. Include visible indicator on teller microphone of mute status.

8. Number of programmed paging zones shall be as determined by Project Director/COR as indicated or based upon input from OBO/PDCS/DE/EE, and labeling nomenclature shall be provided for zones.

1. Device control and cobra-net networks shall be distributed separately from building network.

2. Use of intra-building optical fiber is indicated on Drawings, or if not, shall be coordinated with Project Director/COR based upon input from Post Information Management Officer (IMO).

3. Consular AV Installer shall coordinate associated IP addresses with Project Director/COR based upon input from Post IMO.
4. Provide Cobra Net network to link each audio processor frames to facilitate paging functions and interconnectivity.

5. Provide network switched to support Cobra Net device connections.

1.7 SYSTEM PERFORMANCE REQUIREMENTS

A. General:

1. Provide equipment, components, software, accessories, and miscellaneous items necessary to achieve fully functioning audio systems for consular teller intercoms and consular paging.


B. Audio Performance Characteristics:

1. Frequency Response: 30Hz – 18 KHz, within ± 3.0db

2. Signal to Noise Ratio: 55dB minimum

3. Total Harmonic Distortion: 1 percent maximum from 30Hz-15Hz (THD)

C. Audio Intelligibility: Consular intercom and paging systems shall achieve minimum performance for Speech Transmission Index (STI) exceeding the level of “Fair” quality (i.e., the STI level meets or exceeds 0.60 STI) identified in International Standard IEC 60286-16 (2003-05), “Objective Rating of Speech Intelligibility by Speech Transmission Index),” White noise or spoken word source within Consular Waiting Room shall be set to 65 dBA at 1M to simulate conversation level within Consular Waiting Room. Noise source shall be positioned to emulate waiting applicants.

D. Paging Zone Amplifier Load: Provide 70V amplification for paging zones. Total of loudspeaker load presented to amplifier shall not exceed 80 percent of amplifier’s wattage capacity.

E. Audio Video Bridging (AVB):

1. Transport: Conform to IEEE 802.1.
2. Transport in development products expected Q1-2012.

G. Seismic Performance: Equipment frames shall withstand the effects of earthquake motions determined according to ASCE/SEI 7.

1. The term "withstand" means "the unit will remain in place without separation of any parts from the device when subjected to the seismic forces specified.]
I. Product Data: Manufacturer’s product information and data sheets for all equipment items. Products and options selected in data sheets shall be clearly identified. Data sheets without identification of selections may be rejected.

J. Coordinate timing and content of submittals with those for Section 274220 “Consular Queue Management System Infrastructure and Displays” for output of paging and input for queueing system.

K. Shop Drawings: Signed and sealed by a qualified professional engineer. Complete system shop drawings depicting the following information:

1. All point-to-point wiring single-line diagrams, equipment interconnections, component values and showing complete letter and number identification of all wire and cable as well as jacks, terminals and connectors.
2. All panels, plates, and designation strips, including details relating to terminology, engraving, finish, and color.
3. Complete sets of remote touch panels and pushbutton panel layouts, and brief functional description of programming.
4. All equipment modifications.
5. Cabling run sheets and field wiring details.
7. Elevation drawings of each equipment rack.
8. Complete and detailed schematic drawing including all items of equipment, and mounting heights.

L. Coordination Drawings: Reflected ceiling plans, drawn to scale, on which the following items are shown and coordinated with each other, based on input from installers of items involved:

1. Ceiling-mounted items including lighting fixtures, diffusers, grilles, speakers, sprinklers, access panels, and special moldings.

M. [Manufacturer Seismic Qualification Certification: Submit certification that central control cabinets, accessories, and components will withstand seismic forces applicable to the Project. Include the following:

1. Basis for Certification: Indicate whether withstand certification is based on actual test of assembled components or on calculation.
2. Dimensioned Outline Drawings of Equipment Unit: Identify center of gravity and locate and describe mounting and anchorage provisions.
3. Detailed description of equipment anchorage devices on which certification is based and their installation requirements.]
N. Qualification Data for Consular AV Installer:

1. Identify three similar projects of the same or greater magnitude and scope within last five years. Include statement that Consular AV Installer was actively involved in those projects. Provide current contact names and telephone numbers, as well as job description.
2. Identify project team for Consular AV Installer, including resumes demonstrating history with similar projects of similar or greater magnitude and scope.
3. Certificates: Factory-training certificates for Installers that correspond to work for this project.
4. Factory-trained and certified engineer for DSP Software and control product for product lines included in this project, including for training and service. Submit certificates and credentials.

O. Field quality-control test reports.

P. Closeout Submittals: At completion of installation, provide the following information:

1. Equipment inventory listing manufacturer, model number and serial number for all equipment items furnished.
2. Record drawings for each system installation, showing all equipment items, interconnection of equipment and all cable label designations.
3. Teller-Side User Guide: In addition to laminated guides identified in Article on IDENTIFICATION AND INSTRUCTIONS, provide editable version to facilitate updates to guides.
4. Functional Block Drawing: Identify all input and output circuit cable and terminal block numbers as well as all jack field circuit I.D. designations. Drawing shall be in readable logical format that is understandable to both technical and non-technical staff.
   a. Provide separate copy of this drawing; place under clear acrylic sheet, and mount on inner surface of AV equipment rack door.

I. Operation and Maintenance Data: For intercommunication system to include in emergency, operation, and maintenance manuals. Provide hardcopy manual and electronic version.

5. The operation section shall describe all typical procedures necessary to activate each system to provide for functional requirements as listed in this section.
6. The Maintenance section shall provide recommended maintenance schedule with reference to applicable pages in manufacturer’s maintenance manuals. Where manufacturer provides inadequate information, Consular AV Installer shall provide information necessary for proper maintenance.
7. Submit replacement parts lists in support of all items of equipment, either stock manufactured item or custom built.
8. Submit data on same electronic storage as with programming code and software for system.

1.5 OWNERSHIP OF PROPRIETARY MATERIAL

A. Government retains all rights to software and passwords used for this project.

B. Government will sign copy of manufacturer’s standard software and firmware licensing agreement as condition of this contract. Such license shall grant use of all programs and application software to Government as defined by manufacturer’s license agreement, but shall protect manufacturer’s rights to disclosure of Trade Secrets contained within such software.

C. Licensing agreement shall not preclude use of software by individuals under contract to Government for commissioning, servicing, or altering system in future. Use of software by individuals under contract to Government will be restricted to use on Government’s computers, and only for purpose of commissioning, servicing, or altering installed system.

D. All project developed software, files and documentation shall become property of Government.

1.6 QUALITY ASSURANCE

A. Consular AV Installer Qualifications: Manufacturer's authorized representative who is trained and approved for installation of units required for this Project, and are Certified Technology Specialists (CTS and CTS-D), with minimum 5-years industry experience.

B. Qualification for Engineers for DSP Software and Control Products: Manufacturer-certified and factory-trained for product line training, software programming, and service.

C. Testing Agency Qualifications: Independent agency, with experience and capability to conduct testing identified in this Section, that is member company of InterNational Electrical Testing Association (NETA) or is nationally recognized testing laboratory (NRTL) as defined by OSHA in 29 CFR 1910.7, and that is acceptable to Project Director/COR.

1. Testing Agency's Field Supervisor: Person currently certified by InterNational Electrical Testing Association (NETA) or National Institute for Certification in Engineering Technologies (NICET) to supervise on-site testing specified in this Section.
D. Comply with the OBO Electrical Code (NFPA 70, “National Electrical Code” as amended by OBO).

E. Comply with National Fire Alarm and Signaling Code (NFPA 72).

1.7. DELIVERY, STORAGE, AND HANDLING

C. Deliver equipment in fully enclosed vehicles after specified environmental conditions have been permanently established in spaces where equipment is to be placed.

D. Store equipment in spaces with environments controlled within manufacturers' ambient temperature and humidity tolerances for non-operating equipment.

1.8. COORDINATION

B. Coordinate layout and installation of ceiling-mounted speaker microphones with other construction that penetrates ceilings or is supported by them, including light fixtures, HVAC equipment, fire-suppression system, and partition assemblies.

1.9. MAINTENANCE SERVICE

A. During project warranty period, Consular AV Installer shall supply staff, authorized and trained for equipment installed, to service equipment as described below.

1. Telephone Assistance: Consular AV Installer shall respond via telephone within one business day of notification. This first contact will be to outline nature of problem or functional anomaly. Consular AV Installer shall make available an individual knowledgeable with installed system that can address specific system issues described by system operators.

2. On-Site Repair Assistance: Consular AV Installer shall be available to provide capable technicians for on-site service of systems equipment or control software. Technicians dispatched shall be familiar with installed system with complete knowledge of products used in systems configuration. Technicians dispatched shall have complete ability to address nature of system anomaly or performance difficulty described. Provide on-site response within one week. Service shall be available during normal business hours of the facility, Monday through Friday, 8:00 am until 5:30 pm.
3. Scheduled Service: Consular AV Installer shall provide two scheduled service visits to inspect, maintain, and adjust systems during project warranty period. First visit shall occur approximately six months after installation, and second visit near end of warranty period.

   a. Adjustment: During first scheduled service visit provide on-site assistance in adjusting system to suit actual occupied conditions. Refer to Part 3 requirements for Start-Up Service in relation to initial adjustment prior to operation.
PART 2 - PRODUCTS

2.7 GENERAL

B. System manufacturer shall furnish all equipment. In addition, manufacturer shall furnish all accessory components to this system that are not identified in the Summary Article in the Paragraph on “Related Sections.

2.8 AUDIO EQUIPMENT

I. Audio dynamic sound processor (DSP):

1. Acceptable Manufacturers: Subject to compliance with functional description of system and other requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

   a. Biamp
   b. Pevey
   c. Clear One

J. Consular Side Intercom Speakers:

1. Acceptable Manufacturers: Subject to compliance with functional description of system and other requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

   a. Tannoy
   b. JBL
   c. Electro-Voice

K. Applicant Side Speakers:

1. Acceptable Manufacturers: Subject to compliance with functional description of system and other requirements, manufacturers offering products may be incorporated into the Work include, but are not limited to, the following:

   a. Tannoy
   b. JBL
   c. Electro-Voice
L. Audio Amplifier: Provide two channels of amplifications for intercom speakers at each teller window. These amplifiers may be either part of DSP assembly, or may be product of separate manufacturer as follows:

1. Acceptable Manufacturers: Subject to compliance with functional description of system and other requirements, manufacturers offering products may be incorporated into the Work include, but are not limited to, the following:

   a. Biamp

M. Gooseneck Microphone:

1. Acceptable Manufacturers: Subject to compliance with functional description of system and other requirements, manufacturers offering products may be incorporated into the Work include, but are not limited to, the following:

   a. Auditechnica
   b. Clock Audio
   c. Shure

N. Boundary Zone Intercom Microphone:

1. Acceptable Manufacturers: Subject to compliance with functional description of system and other requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

   a. Crown
   b. Harmon Audio

O. Audio Connections:

1. Acceptable Manufacturers: Subject to compliance with functional description of system and other requirements, manufacturers offering products that be incorporated into the Work include, but are not limited to, the following:

   a. Brahler
   b. DIS

P. Paging Speakers:

   a. 70 V speaker with individual volume control on each speaker.

2.9 REMOTE CONTROL SYSTEMS

A. AV Function Control System:

1. Acceptable Manufacturers: Subject to compliance with functional description
of system and other requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

   a. Creston
   b. AMX

2.10 NETWORK COMPONENTS

A. Provide network connections: CobraNet or approved equal.

4. Provide network switches to support CobraNet device connections.

2.11 MISCELLANEOUS EQUIPMENT

A. Consular Audio Equipment Rack: Provide racks for rack-mounted consular audio equipment. Included rack-mounted shelves for equipment which is not rack-mounted. Provide associated wire management.

B. AC Power Conditioning for Equipment Rack:

4. Provide power devices based upon host country power standards.

C. AC Power Uninterruptible Power Supply (UPS): Provide for all audio signal processor and control system equipment. Size to operate paging and intercom for minimum of 10 minutes.

D. Cables: The following represents Basis of Design unless indicated otherwise on Drawings:

8. Type 1: West Penn D25921 Audio (Mic/Line shielded plenum).
9. Type 2: West Penn D25924 Audio (for 16- and 8-ohm speakers shielded plenum).
10. Type 3: West Penn D25923 Audio (70-V speakers shielded plenum).
12. Type 5: West Penn D25291 RS-232 Distribution
13. Type 6: Cresnet-P 6500185 Crestnet Distribution

E. Connection Plate Receptacles: Unless otherwise detailed, provide the following types of panel receptacles on connection boxes, panels, plates, and wire ways:

1. Audio (microphone or line level): XLR3 type.
2. Loudspeakers (70 Volt or Low Impedance): Neutrik “Speakon” type.
2.12 SOFTWARE

A. Provide all programming and configuration necessary to provide a complete and working system conforming to functional and performance requirements identified in this Section.

PART 3 - EXECUTION

3.7 INSTALLATION

A. General:

1. Installation includes setting in place, fastening to walls, floors, ceilings, counters, or other structures where required, interconnecting wiring of system components, equipment alignment and adjustment, and other work whether or not expressly required herein which is necessary to result in complete operational systems.
2. Installation shall be performed by installers authorized by Manufacturers.
3. Installation shall provide system which conforms to functional and performance requirements of this Section.

B. Physical Installation:

1. Firmly secure equipment in place unless requirements of portability dictate otherwise.
2. Secure with fasteners adequate to support load from system with safety factor of at least three times total load.
3. Secure boxes, equipment, and similar components plumb and square.
4. Install equipment and cable in manner that facilitates operational efficiency and overall aesthetic factors.

C. Cable Installation:

1. Mark cables, regardless of length, with wrap-around number or letter cable markers at both ends. There shall be no unmarked cables at any place in the system. Marking codes used on cables shall correspond to codes shown on drawings or wire run sheets.
2. Neatly strap, dress, and adequately support inter-rack cabling.
3. Group cables according to signals being carried. To reduce signal contamination, form separate groups for the following cables:
   a. Power cables.
   b. Control, data cables, and Cat 6 UTP.
   c. Audio cables carrying signals less than -20 dBm.
   d. Audio cables carrying signals between -20 dBm and +20 dBm.
   e. Audio cables carrying signals above +20 dBm.
4. Do not allow audio cables to run in same raceway as video, computer video or power cables.
5. As general practice, run power cables, control cables, and high level cables on left side of equipment rack as viewed from rear. Run other cables on right side of equipment rack, as viewed from rear.
6. Cut cables to length dictated by run. Splices in pull boxes are not permitted without prior permission of Project Director/COR. For equipment mounted in drawers or on slides, provide interconnecting cables with service loop of appropriate length.

7. Do not install cable with bend radius less than that recommended by cable manufacturer.

8. Install cable in 50 mm below-grade conduit from Consular equipment room to locations of paging devices in outdoor Consular waiting area. See Division 26 section on raceways and boxes for installation of conduit outside of building.

3.8 GROUNDING

A. Procedures: To minimize problems resulting from improper grounding and to achieve maximum signal-to-noise ratios, adhere to the following:

1. General: Because of great number of possible variations in grounding systems, it is the responsibility of Contractor to follow practices below, and to deviate from these practices only when necessary to minimize cross talk and to maximize signal-to-noise ratios in the audio, video, and control systems. See Section 270526 “Grounding and Bonding for Communications Systems” for general requirements.

2. Install secondary system grounding conductors from all racks, audio consoles, and ungrounded audio equipment in each area to primary system grounding point for area

3. Do not use AC neutral conductor, either in power panel or in receptacle outlet, be used for system ground; no exceptions are permitted.

4. Audio Cable Shields: Ground audio cable shields at one point only; no exceptions are permitted. For inter and intra-rack wiring, shield be connected at one end only. For ungrounded portable equipment, such as microphones, connect shield at both ends but grounded at only one end.

5. Speaker Cable Shields: Ground all speaker cable shields at rack enclosure and bond to technical ground.

3.9 SYSTEM PROGRAMMING

A. Programming: Fully brief Project Director/COR on available programming options. Record Project Director/COR’s decisions and set up initial system program. Prepare a written record of decisions, implementation methodology, and final results.

3.10 IDENTIFICATION AND INSTRUCTIONS

A. Associated AV Equipment Room: Provide wall-mounted, full-size system diagrams to facilitate system setup and troubleshooting. Mount diagrams under clear plastic for protection.

B. Teller-Side Window Station: Provide simplified user guide for tellers. Laminate each guide for durability.
3.11 FIELD QUALITY CONTROL

A. Contractor System Checkout: Before Acceptance Tests are scheduled, Consular AV Installer shall perform their own system checkout as quality control procedure. They shall furnish all required test equipment, and perform all steps necessary to determine performance of system to conform to requirements of this Section. This work shall include the following:

1. Checkout procedures shall be consistent with test standards identified under requirements for “System Acceptance Tests” below.
2. Test all audio and related systems for comply with System Performance Requirements.
3. Check all control functions, from controlling devices to controlled devices, for proper operation.
4. Perform preliminary adjusting, balancing, and alignment of system equipment for optimum quality and for conformance with manufacturer’s published specifications. Establish and mark normal settings for all level controls, and record these settings in “Operation and Maintenance Data” submittal.
5. Maintain documentation on-site of all performance tests for reference by Project Director/COR and representative of independent testing agency during System Acceptance Tests.

B. Systems Acceptance Tests:

1. Contractor shall engage independent testing agency to perform tests identified below. System Acceptance Tests shall not be performed until Contractor’s System Checkout has been completed. Project Director/COR or their representative may monitor System Acceptance Tests. These tests will consist of the following:


   b. Testing Equipment: Contractor is responsible for supplying test equipment required to perform tests.

   c. Two complete hardcopy sets of record drawings, run sheets, manuals, and other required pre-testing construction submittals shall be on on-site, delivered to Project Director/COR prior to scheduling of Acceptance Tests.

   d. Physical inventory of installed equipment and components shall first be performed of all equipment on site to confirm sufficient presence of items necessary to obtain acceptable test results.

   e. Consular AV Installer shall demonstrate operation of all system equipment.

   f. Subjective and objective tests shall be performed to determine compliance with
requirements of this Section. Confirm that sampling of 25 percent of teller windows and paging zones achieve required minimum STI.

If further adjustment is required to conform to project requirements, or if equipment is defective and requires repair or replacement, tests may be suspended or continued at discretion of Project Director/COR. Acceptance testing shall then be continued once Consular AV Installer has identified readiness of system. Costs associated with suspension of testing, including additional costs for testing representatives of Project Director/COR, are responsibility of Contractor.

2. Performance of test audio signal paths for Performance Standards Tests will include, as an example but not limited to, the following:

a. Audio:

1. Communication of each teller window station. Test of levels shall include echo cancellation check.
2. Paging capabilities from each teller window station.
3. Monitoring station capabilities.
4. Testing shall be from all source inputs (e.g., microphones, audio tape units) through all (e.g., mixers, ADA's, switchers) to all signal destinations.
5. Test all switches, sound levels, and overall intelligibility.
6. Delineation of above signal paths does not exempt Contractor from responsibility of checking all paths and outlets for appropriate compliance with Performance Standards during prior Contractor System Checkout.

b. Control:

1. Audio volume, include inbound and outbound levels.
5. Mute inbound and mute outbound operations
6. Paging selections

c. Miscellaneous:

3.12 1. Cable identification markings.
2. Cable routing integrity and neatness.
3. Location of speakers, microphones, and controls.
3.6 CLEANING

A. Upon completion of installation, clean equipment in accordance with manufacturer’s instructions.

3.10 STARTUP SERVICE

E. Engage factory-authorized service representative to perform startup service and initial system programming.
F. Adjust sound levels, resetting transformer taps, and adjusting controls to meet occupancy conditions.
G. Verify that electrical wiring installation complies with manufacturer's submittal and installation requirements.
H. Complete installation and startup checks according to manufacturer's written instructions.

3.11 PROTECTION

A. During installation, and up to date of occupancy, protect finished and unfinished work against damage and loss. In event of such damage or loss, replace or repair such work at no cost to Government.

3.12 DEMONSTRATION

B. Provide on-the-job training by instructor who is fully knowledgeable in design and operation of systems to individuals identified by Project Director/COR. Provide qualified instructors or manufacturer’s representative for such instruction. All training shall take place after audio systems are operational, and after Government-Furnished Government-Installed (GFGI) components and software for Consular Queue Management System is operational; see Section 274220 “Consular Queue Management System Infrastructure and Displays.”

1. System User Training:

A. Training Sessions:

1. On-site class training of 1-hour duration per session, with each session training tellers serving 10 windows. Number of class sessions shall be one for each 10 teller windows.

2. On-site hands-on training sessions of same individuals that participated in class sessions, but on window-by-window basis. Sessions shall be ½-hour duration for each window, with two
individuals being trained in each session.

B. Training Content:

1. Operation of teller window control panel, volume level, and paging area selection(s).
2. Microphone use and techniques for best intelligibility.

2. Technical Support Personnel Training; 8-hour session for 4-6 individuals. Session shall including the following topics:

d. Operation of teller window control panel (conceptual design, configuration and normal use parameters).
e. Microphone use and techniques for best signal to noise ratio.
f. General Care and system maintenance.
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:

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