U.S. Embassy Nicosia

July 7, 2026

Dear Prospective Offeror:

Subject: Request for Quotes 19CY6026Q0021 - Consular Intercommunication System

Enclosed is a Request for Quotes (RFQ) for construction services. If you would like to submit a quotation, follow the instructions in Section J of the solicitation, complete the required portions of the attached document, and submit it to the address shown on the Standard Form that follows this letter.

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

Quotations are due by 12:00 noon on August 7, 2026. No quotations will be accepted after this time. Quotations must be in English and incomplete quotations will not be accepted.

Your proposal must be submitted in a sealed envelope marked "Proposal Enclosed for 19CY6026Q0021 Consular Intercommunication System" to the following address:

American Embassy Nicosia
Contracting Office
Metochiou & Ploutarchou Streets
2407 Engomi, Nicosia, Cyprus

And electronically to: NicosiaContracting@state.gov

Your quotation must be submitted electronically to NicosiaContracting@state.gov .It is important to make sure the submission is made in specific size and format; in MS-Word or MS-Excel or Adobe Acrobat (pdf) file format. The file size must not exceed 15MB. If the file size should exceed 15MB, the submission must be made in separate files and attached to separate emails with less than 15MB each.

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

1. SF-18
2. Section A, Pricing
3. Section L Representations and Certifications
4. Additional information as required in Section J
5. Proof of SAM Registration

Direct any questions regarding this solicitation via email to NicosiaContracting@state.gov prior to July 31, 2026.

Offerors shall be registered in the SAM (System for Award Management) database at https://www.sam.gov prior to submittal of their offer/proposal as prescribed under FAR 4.1102. Failure to be registered at time of proposal submission may deem the offeror's proposal to be considered non-responsible and no further consideration will be given. Therefore, offerors are highly encouraged to register immediately if they are interested in submitting a response to this requirement.

Sincerely,

Shawn Peebles
Contracting Officer

Enclosure:

REQUEST FOR QUOTATION
(THIS IS NOT AN ORDER)

THIS RFQ ☐ IS ☒ IS NOT A SMALL BUSINESS SET-ASIDE

1. REQUEST NO.	2. DATE ISSUED	3. REQUISITION/PURCHASE REQUEST NO.	4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1	RATING
19CY6026Q0021	July 7, 2026			

5a. ISSUED BY
General Services Office, American Embassy Nicosia

6. DELIVER BY (Date)

5b. FOR INFORMATION CALL (NO COLLECT CALLS)

NAME	TELEPHONE NUMBER	
	AREA CODE	NUMBER
Savvas Kissopodas		22393381

7. DELIVERY
☐ FOB DESTINATION ☐ OTHER (See Schedule)

9. DESTINATION
a. NAME OF CONSIGNEE

8. TO:

a. NAME	b. COMPANY	b. STREET ADDRESS

c. STREET ADDRESS	c. CITY

d. CITY	e. STATE	f. ZIP CODE	d. STATE	e. ZIP CODE

10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS (Date)

IMPORTANT: This is a request for information and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5a. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or service. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotation must be completed by the quoter.

11. SCHEDULE (Include applicable Federal, State and local taxes)

ITEM NO. (a)	SUPPLIES/ SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
1	Replacement of Consular Intercommunication System at United States Embassy Nicosia Metochiou & Ploutarchou Streets 2407 Engomi, Nicosia Cyprus All prices must be quoted without VAT FAR/DOSAR clauses are attached Award will be made to the lowest priced, acceptable, responsible quoter. Date & time for receipt of quotations is August 7, 2026 at 1200 hours (noon). TOTAL EURO	1	AL		

12. DISCOUNT FOR PROMPT PAYMENT	a. 10 CALENDAR DAYS (%)	b. 20 CALENDAR DAYS (%)	c. 30 CALENDAR DAYS (%)	d. CALENDAR DAYS NUMBER	PERCENTAGE

NOTE: Additional provisions and representations ☒ are ☐ are not attached.

13. NAME AND ADDRESS OF QUOTER			14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION	15. DATE OF QUOTATION
a. NAME OF QUOTER				
b. STREET ADDRESS			16. SIGNER	
			a. NAME (Type or print)	b. TELEPHONE AREA CODE
c. COUNTY				
d. CITY	e. STATE	f. ZIP CODE	c. TITLE (Type or print)	NUMBER

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SECTION A - PRICING

A. PRICE

The Contractor shall complete all work, including furnishing all labor, material, equipment, and services required under this purchase order for the following firm fixed price and within the time specified. This price shall include all labor, materials, all insurances, overhead and profit (see FAR 52.228-4 and 52.228-5). In accordance with FAR 52.232-5 (Payments Under Fixed-Price Construction Contracts) and FAR 52.211-10 (Commencement, Prosecution, and Completion of Work), the Contractor shall complete all work, including furnishing all labor, material, equipment, and services required under this purchase order for the following firm fixed price and within the time specified.

Pricing table

	CLIN	Unit price (€)	Quantity	Total Price (€)
1	Mobilization and investigation			
2	Removal of existing equipment and disposal			
3	New equipment procurement			
4	Installation labor			
5	Installation on site modifications and materials			
6	Testing Commissioning			
7	Insurances			
8	Logistics			
9	Supervision			
10	Any other			
	TOTAL COST-Complete Project - Removal of existing system and installation of new system at [6] teller windows			

A.1 VALUE ADDED TAX

VALUE ADDED TAX (VAT). The Government will not reimburse the Contractor for VAT under this contract. The Contractor shall not include a line for VAT on Invoices as the U.S. Embassy has a tax exemption certificate with the host government.

STATEMENT OF WORK

1.0 OVERVIEW

The United States Government (US Government) requires the services of a contractor to replace the intercommunication systems at 6 windows (4 normal booths, 1 privacy booth and 1 cashier booth) of its consular windows at the US Embassy Consular section in Nicosia. 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 system (microphone, speaker, and control unit) at the specified consular windows. The work includes removing existing intercommunication equipment, installation of the new equipment, testing the new equipment, and training staff how to operate and maintain the equipment. As the work is to be performed in stages minimizing disruption to operations, the installation of new intercommunication system must not degrade or impact the performance of the remaining intercom systems.

2.0 OBJECTIVES

The awarded contractor will perform all work necessary to accomplish the preparation, execution, and completion processes for the removal of audio system currently installed, including cables, etc. and the design, delivery, and installation of a complete and functioning audio system for the US Embassy Consular Section Nicosia. The upgrade covers the officer windows in the locations shown in the table below as well as the paging speaker system in the interior public waiting areas.

Section/Area	Location	Quantity of Windows
Consular	1st floor	4 normal booths
Consular	1st floor	1 privacy booth
Consular	1st floor	1 cashier booth
TOTAL		6

The system must enable the consular employee and the applicant at each window to communicate clearly despite being separated by a thick pane of glass, in accordance with the audio quality/intelligibility specifications below. Contractor proposals shall include a detailed table of proposed devices/materials (including name of manufacturer, brand, technical spec sheet, model name, and intended use of each of the devices/materials proposed).

3.0 PRE-AWARD INFORMATION

3.1 PRICING

This is a firm fixed price contract payable entirely in euros. Prices for all Contract Line Item Numbers (CLIN) shall include all costs associated in accordance with this scope of

work. No additional sums will be payable for any escalation in the cost of materials, equipment, or labor, or because of the contractor's failure to properly estimate or accurately predict the cost or difficulty of achieving the results required. The contract price will not be adjusted due to fluctuations in currency exchange rates.

The Contractor shall provide pricing for the services shown below, including all costs associated in accordance with this scope of work. The number of window audio systems being replaced will be subject to availability of funds. Systems at windows not replaced must remain fully functional.

Considering the need to maintain full operating condition and service, the work will need to be done in groups of windows at a time. The contractor will need to coordinate with the Contracting Officer's Representative (COR) (who will coordinate with the Consular Section) for the sequencing and number of windows available to be worked on at any time, estimated to be in groups of two windows depending on the timing, workload, and other factors. The system in all windows not being worked on must remain fully functional during working hours with no disruption to operations.

3.2 NOTICE TO PROCEED

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

3.3 SITE VISIT AFTER AWARD

A. The awarded contractor shall have the opportunity to visit the project site before the commencement of work to inspect existing conditions or as otherwise needed.

B. Conditions existing at the time of inspection for bidding purposes will be maintained by the US Government as far as practical.

4.0 GENERAL CONDITIONS

4.1 HOURS OF PERFORMANCE

Work that is going to be disruptive to the consular operations due to extreme noise and construction work activities must be pre-approved by the CO or COR prior to the start of work.

4.2 ACCESS TO GOVERNMENT BUILDINGS AND STANDARDS OF CONDUCT

A. General

The Contractor shall designate a representative who shall supervise the Contractor's technicians and be the Contractor's liaison with the COR. The Contractor's employees shall be on-site only for contractual duties and not for any other business or purpose. Contractor employees will be given access to the equipment and

equipment areas and will be escorted by US Embassy personnel.

B. Personnel Security

The Government reserves the right to deny access to U.S.-owned and U.S.-operated facilities to any individual. The Contractor shall provide the names, biographic data and police clearance on all Contractor personnel who to be used on this Contract prior to their utilization. Submission of information shall be made within 30 days of award of contract. No technician will be allowed on site without prior authorization.

C. Vehicles

Contractor vehicles will not be permitted inside the embassy compound without prior approval. If vehicle access is necessary, submit contractor vehicle information (Make, Model, License Plate #) along with a written justification as to why access is necessary. This shall be submitted to the COR at least one (1) week prior to the visit.

D. Identity Cards

Government shall issue identity cards to Contractor personnel, after they are approved. Contractor personnel shall always display identity card(s) on the uniform while providing services under this contract. These identity cards are the property of the US Government. The Contractor is responsible for their return at the end of the contract, when an employee leaves Contractor service, or at the request of the Government. The Government reserves the right to deny access to U.S.-owned and U.S.-operated facilities to any individual.

E. Security Clearances

There is no requirement for cleared American workers. However, the contractor will provide a schedule of work two weeks prior to working within the consular suite.

F. Any contact with host or third country nationals that seems suspicious (such as undue curiosity in the project or project personnel) shall be reported immediately to the COR and Regional Security Office (RSO).

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

termination of this contract or at any other point in time. The Contract shall include the substance of this provision in all subcontracts hereunder.

4.3 STANDARDS OF CONDUCT

A. General

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

B. Neglect of Duties

Neglect of duties is unacceptable. This includes sleeping while on duty, unreasonable delays, or failures to carry out assigned tasks, conducting personal affairs during duty hours and refusing to render assistance or cooperate in upholding the integrity of the worksite security.

C. Disorderly Conduct

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

D. Intoxicants and Narcotics

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

E. Criminal Actions

Contractor employees may be subject to criminal actions as allowed by law in certain circumstances. These circumstances include but are not limited to the following actions: falsification or unlawful concealment, removal, mutilation, or destruction of any official documents or records or concealment of material facts by willful omission from official documents or records; unauthorized use of Government property, theft, vandalism, or immoral conduct; unethical or improper use of official authority or credentials; security violations; organizing or participating in gambling in any form; and misuse of weapons.

F. Key Control

Any keys or access codes will be checked out by the “Cleared American” escort each day.

G. Notice to the Government of Labor Disputes

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

4.4 OWNERSHIP OF PROPRIETARY MARTIAL

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.

E. Vulnerabilities in software or exploitation by other entities are the responsibility of the contractor.

4.5 PROJECT LOGISTICS

A. The entry of the materials and equipment to the site or work areas shall be from the East CAC of the US Embassy or as otherwise directed by the COR.

B. The contractor shall consider and include in the project cost the required distance to carry materials to the working area from outside the premises.

C. For each project phase, the contractor shall confirm through e-mail at least three business days before the start of work that all the labor, material, and tools/equipment are ready for the identified phase and deliverable.

D. The contractor shall deliver the material and equipment one day (minimum) before the scheduled commencement of related work.

   1. Tools and equipment shall be inspected by the COR and A-POSHO to ensure it is safe to operate or install.

4.6 MATERIALS, EQUIPMENT, TOOLS, AND SPECIFICATIONS

A. The COR must approve in writing all product or material substitutions or deviations from the SOW and associated contract documents.

B. The contractor shall provide a complete list of all materials, products, and equipment prior to the commencement of work for COR approval.

C. The contractor shall deliver a detailed acquisition plan and material delivery schedule prior to the commencement of work for COR approval.

D. Contractor's furnished labor and materials shall include, but are not limited to all

labor, material, hand tools, electrical tools, mechanical - pneumatic equipment, safety equipment, personal protective equipment, vehicles, consulting, etcetera. in the amounts required to comply with the project schedule and to professionally and satisfactorily complete and deliver a high-quality product and service.

1. The contractor shall be responsible for their materials, tools, equipment, etcetera. When not in use, tools and equipment shall be removed from the site after each work period to free the space for US Government use of the area.

E. After award of the contract, but before the commencement of work, the contractor shall provide a detailed list of the electrical requirements for all tools and equipment to be used for the US Government to prepare an adequate power source and to avoid damage or overload of the facility's electrical system.

F. The contractor shall provide any installation requirements for any other utility needed for the project.

4.7 SUBSTITUTIONS

A. Substitutions for Cause: Submit requests for substitution immediately upon discovery of need for change, but not later than 5 days prior to time required for preparation and review of related submittals.

1. Conditions: The COR will consider Contractor's request for substitution when the following conditions are satisfied. If the following conditions are not satisfied, the COR will return requests without action, except to record noncompliance with these requirements:
   a. Requested substitution is consistent with the Contract Documents and will produce indicated results.
   b. Substitution request is fully documented and properly submitted.
   c. Requested substitution will not adversely affect Contractor's construction schedule.
   d. Requested substitution has received necessary approvals of authorities having jurisdiction.
   e. Requested substitution is compatible with other portions of the Work.
   f. Requested substitution has been coordinated with other portions of the Work.
   g. Requested substitution provides specified warranty.
   h. If requested substitution involves more than one contractor, requested substitution has been coordinated with other portions of the Work, is uniform and consistent, is compatible with other products, and is acceptable to all contractors involved.

B. Substitutions for Convenience: The COR will consider requests for substitution if received within 5 days after commencement of the Work. Requests received after that time may be considered or rejected at discretion of the COR.

1. Conditions: The COR will consider Contractor's request for substitution when the following conditions are satisfied. If the following conditions are not satisfied, the COR will return requests without action, except to record noncompliance with these

requirements:

a. Requested substitution offers US Government a substantial advantage in cost, time, energy conservation, or other considerations, after deducting additional responsibilities US Government must assume.
b. Requested substitution does not require extensive revisions to the Contract Documents.
c. Requested substitution is consistent with the Contract Documents and will produce indicated results.
d. Substitution request is fully documented and properly submitted.
e. Requested substitution will not adversely affect Contractor's construction schedule.
f. Requested substitution has received necessary approvals of authorities having jurisdiction.
g. Requested substitution is compatible with other portions of the Work.
h. Requested substitution has been coordinated with other portions of the Work.
i. Requested substitution provides specified warranty.
j. If requested substitution involves more than one contractor, requested substitution has been coordinated with other portions of the Work, is uniform and consistent, is compatible with other products, and is acceptable to all contractors involved.

4.8 WORK TO BE PERFORMED

A. All project work is to be performed per this SOW, and any attached quantity surveys, drawings, photos, project specifications, or other attachments as indicated.

   The awarded contractor shall perform all necessary work, including but not limited to:

   1. Remove the necessary equipment for the new installation (windows intercom, speakers, amps, wire, etc.)
   2. All necessary preparation (pipes, wiring, supports, anchoring, wireways, ladder trays, boxes, wall penetrations, etc.) for the intercom installation.
   3. New intercom system installation.
   4. New paging speaker installation.
   5. Central equipment installation (DPS, Control Processor, etc.).
   6. Interconnection, test, and normal operation.
   7. Training users and technicians.

B. The work must be performed in the following phases:

   1. Phase 1: Preparation phase, removal, install and prepare as much as possible pipes, wires, registers, servers, hubs, etc.

      The awarded contractor will perform all work necessary to prepare the site and work area for execution and completion of the work. Including but not limited to the following:

      a. Survey existing conditions and dimensions to coordinate with requirements

indicated and to determine extent of work and space required.

b. Define and limit the laydown area for debris and tools.
c. Define and limit space where existing furniture and/or equipment will be moved and stored during the period of work.
d. Inventory and record all items to be removed and salvaged.
e. Temporarily relocate the existing to the designated space approved by the COR. Removed items should be saved in a suitable, protected storage location during demolition. Stored items shall be reinstalled in their original condition and locations after demolition and construction operations are complete.
f. Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent building and facilities to remain.
g. Delimitate and protect the work area with plastic cones, caution tape, stanchions, barriers etcetera, or as otherwise necessary to ensure only personnel wearing protective safety equipment access the workspace.
h. Place caution signs in both English, Greek and Turkish at the entrance of all work areas.
i. Provide sailcloth (or equivalent) and plywood for the mixing of construction materials, placing it near the working area, to ensure the site is kept clean, organized, and safe.
j. Install pipe, cable trays, junction boxes, equipment, etc. required to connect the new intercom system at each windows group.
k. All installation must comply with codes mentioned before.

2. Phase II: Intercom installation on windows to be upgraded, test and confirm operation for intercom usage. Review with COR before starting.
   a. Work can only be done in the groups of windows designated.
   b. Systems at other windows must remain fully functional.
   c. Activities that can affect the operation of the consular area (noise or interruption of service to windows not being worked on) must be performed after normal working hours.
   d. After work in the group is completed, the group will be tested and adjusted for operations to put it in service before moving to work on the next group of windows.
   e. Only proceed with work on the next group of windows after the previous group of windows has been received and put in service, and receive confirmation from the COR.
   f. All wiring and conduits must be concealed maintaining the integrity of the finishes and aesthetics. No exposed conduits, wiring, Panduit, or similar are allowed. For cabling crossing the wall into the waiting room, contractor must determine if existing penetrations can be reused. If any new penetrations on the hardline are needed they need to provide the same level of protection as the existing and be clearly indicated in the drawings.

3. Phase III: Paging speaker replacement, connection, setup, and adjustment.

a. After all windows are upgraded, the speakers for paging must be replaced and connected to the main equipment
b. All setup and adjustments for windows will be performed during non-working time.
c. All connections and wires must be labeled and identified.
d. All connections for the paging function will be setup.
e. Perform tests and adjustments for all speaks.
f. Adjustment and arrangements for paging will be programmed/setup at necessary equipment.

4. Phase IV: Test, training, and normal operation
   g. Test all new equipment, tools, or items.
   h. Coordinate tests with the presence of the COR or his/her designated representative

5.0 PROJECT SPECIFIC REQUIREMENTS

5.1 General requirements

1. The contractor shall perform daily cleaning of the work area.
   a. The designated work area is the only assigned space/shop for the contractor to prepare materials. This area shall be kept clean, organized, and safe.
2. The contractor shall provide all labor, equipment, and materials to complete the project and ensure that it has adequate resources to successfully manage and deliver this project on-time and within the quoted amount.
3. All applicable permits shall be requested and managed by the contractor with the appropriate authority having jurisdiction (AHJ) and all entities related to have the official authorization to perform the work. Permits shall be delivered to COR prior to the commencement of work.
4. The contractor shall use all necessary precautions to maintain safety in the workplace.
   a. In addition to daily cleaning, the contractor shall remove any debris/garbage weekly off the property compound.
   b. The contractor must follow and meet all US and local construction codes, regulations, procedures, and OSHA Safety Standards & OSHA Regulations available at www.osha.gov.
   c. The contractor must meet the applicable technical criteria codes for all current regulations "applicable to the project," including:
      1) International Building Code (IBC),
      2) International Fire Code (IFC),
      3) International Mechanical Code (IMC),
      4) National Electrical Code (NEC) and
      5) All other applicable Local Codes. Code books are available online, in bookstores, and in libraries.

5.2 Contractor's Personnel

1. There will be no employer - employee relationship between the US Government and the contractor's personnel.
2. The contractor shall provide skilled and qualified personnel able to fulfill all project requirements. Including but not limited to general project personnel, managers, supervisors, trades workers, and technicians.
3. The contractor shall designate an English-speaking Project Manager who shall be responsible for the project's overall management and shall represent the firm and be the point of contact for the COR.
4. The contractor shall designate an English-speaking Site Supervisor who shall be responsible for on-site supervision and shall always be present on-site during work periods for the full project duration.
5. The Project Manager shall maintain a daily logbook of work activities and personnel, attend all working meetings, and prepare meeting minutes.
6. The Project Manager shall supervise all personnel assigned by the contractor for the performance of their respective services.
7. Subcontractors may only be employed with the express written consent of the COR.

5.3 US Government Furnished Materials/Equipment/Services:

There are no materials provided by the US Government for this project

1. The US Government shall provide electrical power within the working area.
2. There is no guaranteed storage area for tools, except within the working area and during the active working time. The contractor shall remove all tools and equipment from the building after each phase is completed and keep any remaining equipment and supplies in a locked box when not in use. COR must approve box, lock, and location prior to use.

5.4 Project Security

1. If there is an assigned escort(s), the escort(s) has the authority to stop work in case of a safety or security issues and shall report all such incidents to the COR and RSO.
   a. All workers shall be always within the line of sight of the US Government escort.
2. No dedicated telephone service or extension will be provided to the contractor by the Embassy.
3. The entry of all personnel and vehicles shall only be allowed with permission of the RSO. Contractor personal and vehicles may only enter the site with an entry permit issued by the RSO. No workers, equipment, material, or vehicles will be allowed to enter the compound or any building without COR confirmation of approval from the Embassy RSO.
   a. Vehicles may only access the site as necessary for loading and unloading of materials or supplies. Vehicles may not remain on site after the loading or unloading of materials and supplies.

b. The contractor shall provide one week in advance a list with the full names of all persons, ID (passport, INE, Driver License) and the vehicles (brand, model, color, and plates) that will enter the site for the COR to request access approval from the RSO.
c. Workers, supervisors, managers, and drivers shall have a valid identification card to enter the building and work.
d. Access locations to the site will be indicated by the COR.

4. Contractor personnel (workers, supervisors, and managers) shall always wear and keep visible an identification badge provided by RSO.
5. No cellphones or any other electronic equipment/devices are allowed inside the building.

6.0 INSPECTION AND ACCEPTANCE OF WORK

6.1 Quality assurance:

1. The contractor, not the Government, is responsible for management and quality control to meet the terms of the contract.
2. The role of the Government is to conduct quality assurance to ensure that contract standards are achieved.

6.2 Inspection Reports:

1. The contractor shall institute an appropriate inspection routine that includes but is not limited to the following:
   a. Develop and maintain checklists of duties to be carried out.
   b. Regularly perform inspections at all work locations to determine whether work activities are being performed according to the contract requirements.
2. Every week, the contractor must submit project progress reports to the COR, detailing all activities accomplished during the previous work week, inspections conducted and their results, and documenting all activities scheduled for the upcoming work week.
   a. The contractor shall promptly correct any reported deficiencies and/or understand conditions noted in the progress reports at no additional expense to the Government.

6.3 Project Closeout

1. At the completion of work, but prior to the determination of substantial completion, the contractor shall prepare a list of known remaining items to be completed and corrected (commonly referred to as a punch list), the value of items on the list, and reasons why the work is not complete.
   a. After submission of the contractor's punch list, the COR and other US Government representatives shall perform an inspection of the work and will provide a US Government punch list, or list of deficiencies, to the contractor.
   b. The contractor shall, without additional compensation, correct or revise any errors or deficiencies in its services as identified in the punch list or through other means.
2. At the completion of work, the contractor shall deliver to the COR:

a. A report with the as-built quantification of project deliverables,
b. A copy of the project logbook,
c. Manuals of all equipment installed.
d. Copies of manufacture's written warranties, and
e. As built construction drawings (digital and hardcopy).
f. Hardware network (IP) settings and all login information (ie. Admin passwords)
g. Uncompiled controller source code, uncompiled CUI files, DSP files.

7.0 WORK REQUIREMENTS – 2024 OBO DESIGN STANDARDS

Please see Attachment 6 which may supersede 7.1 standards below.

7.1 REFERENCE STANDARDS (general guide)

A. Comply with American National Standards Institute/ Audiovisual and Integrated Experience Association (ANSI/AVIXA (formerly INFOCOMM)):
   1. ANSI/AXIVA A102.01:2022 Measurement and Classification of Audio Coverage Uniformity in Listener Areas (Formerly ANSI/AVIXA 1M:2009)
   2. ANSI/AVIXA D401.01:2023 Documentation Requirements for Audiovisual Systems (Formerly INFOCOMM 2M-2010 Standard Guide for Audiovisual Systems Design and Coordination Processes)

B. Comply with the OBO Electrical Code (NFPA 70, "National Electrical Code" as amended by OBO).

C. All work shall comply with OBO Guide Specification Section 275105 – Audio Systems for Consular Services (dated 2025-10-01), which shall govern in the event of conflict with other referenced standards.

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

E. See Section 270508 "Common Work Results for Telecommunications" for commonly applicable telecommunications reference standards.
   1. Each Division 27 Section may include citations to those references identified Section 270508.
   2. In addition, each Division 27 Section may include citations to other reference standards not listed in Section 270508.

7.2 FUNCTIONAL DESCRIPTION OF SYSTEM

A. General:

The intent is to provide a fully operational system with voice amplification to facilitate communication by both officer and applicant at each Consular Officer Window without requiring each to raise their voices, and to provide clear paging audio for applicants in interior and exterior general consular waiting areas. The system will include all speakers, gooseneck microphones, applicant microphones, headsets, and control and category cable. The system will include an equipment

rack to be located in the consular section. If the rack is located in CAER, full size 45RU cabinet must be provided. Rack is to be located in the Consular Section.

B. Audio Systems:

1. Audio Digital Signal Processor (DSP): With the required modules used for processing the digital audio signals and echo cancellation (AEC) at each interview window for full duplex officer window communications, as well as in consular office and public area paging system.
2. Audio speaker for officer side: Provide ceiling or wall-mounted speaker.
3. Audio speaker for applicant side: Provide ceiling or wall mounted speaker and exterior speakers.
4. Officer Microphone: Provide 18" gooseneck tabletop microphone. Provide base with a toggle to talk button for microphone. The system will feature the 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 wired headset (non-Bluetooth). This functionality is mutually exclusive. The volume controller shall have a mute button that mutes the microphone on the applicant's side whether the consular employee is using the gooseneck microphone or the headset's microphone.
5. Headset: One Shure BRH31M-NXLR5M (or equivalent).
6. For window control, each window will include a volume and muting controller that will be cabled to the equipment rack. The window controller will allow the user to mute the speaker/microphone volume on either side of the window as well as control the volume of the speakers on either side of the window. If proposing a touch screen controller, the controller must not reach end-of-life for at least 5 years after installation. Each window volume/muting controller will route back to a central control processor.
7. Applicant boundary zone microphone: Provide wall mounted on public side with mounting to single gang wall plate. Place microphone to provide direct coverage of officer window glass surface to ensure adequate discrimination between applicant voice and waiting area noise. The applicant side microphones will always be powered on with no button for the applicant to toggle/mute when speaking to the Consular Officer.
8. Provide amplification for audio speakers at each officer window.
9. 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/AXIVA A102.01:2022 Measurement and Classification of Audio Coverage Uniformity in Listener Areas (Formerly ANSI/AVIXA 1M, "Audio Coverage Uniformity Standard in Enclosed Listener Areas."). Paging into the waiting area shall be accessible from every interview window via the volume/muting controller.
10. Connections and Configurations:
    a. Provide connections and configuration to facilitate connection of contractor furnished headset to the AV connection plate by the officer. These connections shall be wired in standard fashion to facilitate use of commercial

off-the-shelf (COTS) headphones with boom microphone, terminated with 4 or 5 pin XLR connectors

b. To facilitate paging announcements from queuing system processor, provide audio interface with consular queuing system; see Section 275405 “Consular Queue Management System Infrastructure and Displays.”

C. Remote Control Systems:

1. Provide integrated control system for control officer and public areas.
2. Provide controls on officer-side countertop at each officer window location.
3. AV Control Panel: Provide paging and muting control, with limited volume, for officer via AV control panel.
4. Control functions shall include the following:
   a. Display number of the window being controlled.
   b. Provide “Officer Microphone” volume control. This controls volume and muting of officer’s speech being heard by applicant. Provide indicator that displays relative position of volume.
   c. Provide “Applicant Microphone” volume control. This controls volume and muting of applicant’s speech being heard by officer. Provide indicator that displays relative position of volume.
   d. Provide audio processor to limit range of these controls and prevent feedback and excessive loudness.
   e. Provide “Mute” button on officer microphones. When this button is pushed, only the officer microphone is muted. When button is pushed again, microphone shall become operational again. Include visible indicator on control panel of mute status.
   f. Provide “Mute” button on applicant microphones. When this button is pushed, only inbound audio is muted (microphone). When button is pushed again, microphone shall become operational again. Include visible indicator on control panel of mute status.
   g. Provide “Mute All” button on AV control panel. When this button is pushed, both teller microphone and applicant microphone shall be muted.
   h. Provide “Paging Waiting Room” button. When this button is pushed, officer’s microphone shall be routed the speakers in the waiting area for public announcements. The button should indicate that paging at this window is active. Control system should only allow for paging from one window at a time.
   i. Number of programmed paging zones shall be as determined by COR as indicated or based upon input from OBO/PDCS/DE/EE, and labeling nomenclature shall be provided for zones.

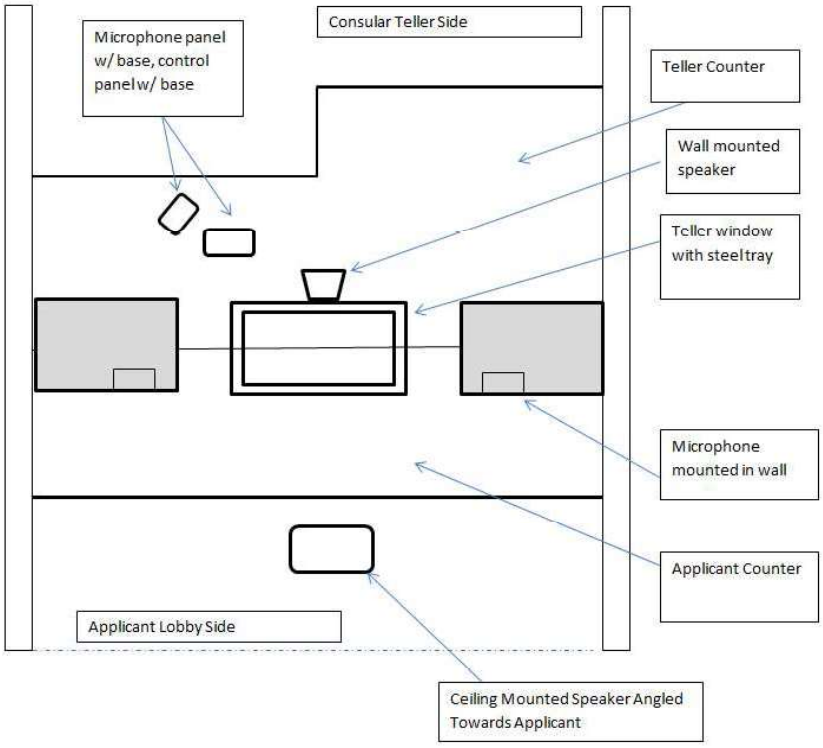
D. Network:

1. Device control and DANTE/AVB networks shall be distributed separately from building networks.

2. Use of intra-building optical fiber is indicated on Drawings, or if not, shall be coordinated with COR based upon input from Post Information Management Officer (IMO).
3. Contractor shall coordinate associated IP addresses with COR based upon input from Post IMO.
4. Provide DANTE/AVB network links to each audio processor frame to facilitate paging functions and interconnectivity as required.
5. Provide network switched to support DANTE/AVB device connections.

E. Graphic

Please refer to the graphic below for a bird's eye view of the current consular microphone setup. In this diagram, the items labeled 'speaker' and 'microphone' are integrated microphone and speaker devices.



7.3 SYSTEM PERFORMANCE REQUIREMENTS

A. General:

1. Provide all audio equipment, components, controllers, microphones, speakers, headsets, equipment racks, cabling, software, accessories, and miscellaneous items necessary to achieve fully functioning Consular audio system.
2. System design shall conform to ANSI/AVIXA D401.01:2023 Documentation Requirements for Audiovisual Systems (Formerly ASNSI/INFOCOMM 2M:2010, "Standard Guide for Audiovisual Systems Design and Coordination").

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:

1. 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:

1. 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.

F. Dante

1. Transport: Conform to IEEE 1588

8.0 PRODUCTS

8.1 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.

8.2 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 Tesira

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
    d. Biamp
    e. QSC
    f. Radio Design Labs (RDL)

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. Biamp
    e. QSC
    f. Radio Design Labs (RDL)

D. Audio Amplifier:

Provide amplification for intercom speakers at each officer 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
    b. QSC

E. Teller 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. Audio-Technica
    b. Clock Audio
    c. Shure

F. Applicant 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. Clock Audio (CU-C012-RF-CP series)
b. Audix GS1

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:

1. 70 V speaker with transformer tap on each speaker.

I. Headsets:

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. Shure
   b. Accepted equivalent

8.3 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. Biamp

8.4 NETWORK COMPONENTS

A. Provide network connections DANTE/AVB or approved equal.

B. Provide network switches to support DANTE/AVB device connections or approved equal.

8.5 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, necessary hardware for cable management, and appropriately sized, low noise fans for rack ventilation

1. AC Power Conditioning for Equipment Rack:
   Provide power devices based upon host country power standards.

2. AC Power Uninterruptible Power Supply (UPS):
   All audio and control system equipment should be fed by a battery backup system

for continued operation in the event of a power outage. Size to operate paging and intercom systems for a minimum of 10 minutes.

3. Cables:
   The following represents Basis of Design unless indicated otherwise on the drawings:
   a. Type 1: West Penn D25921 Audio (Mic/Line shielded plenum).
   b. Type 2: West Penn D25924 Audio (for 16- and 8-ohm speakers shielded plenum).
   c. Type 3: West Penn D25923 Audio (70-V speakers shielded plenum).
   d. Type 4: West Penn D254246 Category 6.
   e. Type 5: West Penn D25291 RS-232 Distribution.

4. Connection Plate Receptacles:
   Unless otherwise detailed, provide the following types of panel receptacles on connection boxes, panels, plates, and wire ways:
   a. Audio (microphone or line level): XLR-3, XLR-4 or XLR-5 depending on equipment.
   b. Loudspeakers (70 Volt or Low Impedance): Neutrik "Speakon" type.
   c. Network: RJ45 (8P8C) coupler or punch down, unshielded

8.6 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.

9.0 SUBMITTALS

The following items shall be delivered to the COR. The US Government will review and inform the contractor if they are acceptable or reject if inadequate for contractor to revise and resubmit until approved:

Description	Delivery Date
Product Data	30 calendar days after contract award
Shop Drawings	30 calendar days after contract award
B. 30 calendar days after contract award	30 calendar days after contract award
Project Safety Plan	30 calendar days after contract award
Risk Assessment Plan	30 calendar days after contract award

Coordination Drawings	30 calendar days after contract award
Field quality-control test reports	5 calendar days after completion of each group of windows
Project progress reports to the COR	Weekly
Operation and Maintenance Data	5 calendar days after completion of each CLIN
Warranty management plan	30 calendar days after contract award

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. 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.
6. Wire specifications and assignment by use.
7. Elevation drawings of each equipment rack.
8. Complete and detailed schematic drawing including all items of equipment and mounting heights.
9. Uncompiled programming source code, uncompiled CUI interfaces, and copies of all DSP files

C. Construction Schedule

1. After the contract award and before the project starts, the contractor shall provide a detailed project schedule of all work activities to be performed to fulfill the project requirements as described in the statement of work (SOW), drawings, and specifications. Additionally, this schedule shall include the following:
   a. The schedule shall be prepared in accordance with the activities of each area where work is going to be performed.
      1) Each activity shall be described according to the daily sequence of

performance and specialties.

b. The schedule shall highlight all critical path items.
c. The schedule shall include the number of technicians required per activity and every change of contractor staff to enable the scheduling of required of escorts provided by the US Government.
d. The schedule shall include milestones by trade, phase, or specialty; working teams with trades and number of persons; material supply; debris removal; etc.

2. The COR must approve this schedule before the initiation of the work.

D. Project Safety Plan

1. After the contract award and before the project starts, the awarded contractor shall submit a safety plan for approval.
2. The contractor must hold a meeting with the Post Occupational Safety and Health Officer (POSHO) or POSHO Assistant (APOSHO) and COR to review the approved project management safety plan and associated procedures.
   a. The contractor is required to always follow the approved project management safety plan. Failure to follow the approved safety plan may result in the stoppage of work.
3. All work which has potential to generate a flame or spark (referred to as Hot Work) shall request a Hot Work Permit from the POSHO or APOSHO prior to the commencement of associated work. Hot work includes, but is not limited to the following:
   a. Grinding
   b. Cutting
   c. Welding
   d. Drilling
4. Welding of metal pieces shall be done outside the working area material be brought ready to install. If welding on site is needed, a hot permit shall be requested.
5. Energized electrical work is not permitted. All electrical shall adhere to US Government Lock-Out-Tag-Out procedures as outlined in the project approved safety plan and as instructed by the POSHO or APOSHO and COR.

E. Coordination Drawings:

1. 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.
2. 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:
   a. Ceiling-mounted items including lighting fixtures, diffusers, grilles, speakers, sprinklers, access panels, and special moldings.
3. Floor plan layout of equipment, sectional drawing showing equipment placement and equipment line diagrams at minimum. All power callouts should also be present in the drawing set.

4. 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.
5. Coordination drawings for review must indicate the method proposed to install wiring and devices. All wiring and conduits must be concealed maintaining the integrity of the finishes and aesthetics. No exposed conduits, wiring, Panduit, or similar are allowed. For cabling crossing the wall into the waiting room, contractor must determine if existing penetrations can be reused. Any new penetrations need to provide the same level of protection and be clearly indicated in the drawings.

F. Field quality-control test reports (See Section 10.8 Field Quality Control)

G. Closeout Submittals:

1. At completion of installation, provide the following information:
   a. Equipment inventory listing manufacturer, model number and serial number for all equipment items furnished.
   b. Record as-built drawings for each system installation, showing all equipment items, interconnection of equipment and all cable label designations, cable terminations, and cross-connects.
   c. Officer-Side User Guide: In addition to laminated guides identified in Article on IDENTIFICATION AND INSTRUCTIONS, provide editable version to facilitate updates to guides.
   d. 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.
      1) Provide separate copy of this drawing, place under clear acrylic sheet, and mount on inner surface of AV equipment rack door.

H. Operation and Maintenance Data: to include operation, maintenance manuals, and training materials. Provide hardcopy manual and electronic version. (See Section 10.9 Demonstration and Training)

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, Contractor 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.
5. Provide any system passwords to the COR, Consular Chief, and Facility Manager

I. Warranty Management Plan (See section 11.0 Warranty)

10.0 EXECUTION

10.1 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 receptacle boxes and cables as set forth in EIA standards, 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. Wireways or Ladder cable trays have to use when running more than 10 wires at the same point.
6. 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.
7. Cut cables to length dictated by run. Splices in pull boxes are not permitted without prior permission of COR. For equipment mounted in drawers or on slides, provide interconnecting cables with service loop of appropriate length.

8. Do not install cable with bend radius less than that recommended by cable manufacturer.
9. Install cable in 50 mm below-grade conduit from Consular equipment room to locations of paging devices in outdoor Consular waiting area.

10.2 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.
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.

10.3 SYSTEM PROGRAMMING

A. Programming: Fully brief COR and OBO DE EE AV on available programming options. Record COR's decisions and set up initial system program. Prepare a written record of decisions, implementation methodology, and final results.

B. Create a functional and intuitive GUI (Graphic User Interface) tailored to the specific needs and requirements of the project

C. Incorporate key features as defined in the project specifications

D. Provide a beta version of the GUI for review by the relevant teams (COR, Consular Chief, Facility Manager and OBO DE EE AV)

E. Make a necessary GUI revision based on feedback received by Post and OBO DE EE AV

F. Submit the revised GUI for the final approval to Post and OBO DE EE AV

G. Ensure all issues or concerns raised during the review are addressed prior to the deployment

10.4 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. Officer-Side Window Station: Provide simplified user guide for officers. Laminate each guide for durability.

10.5 CLEANING

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

10.6 PROTECTION

A. During installation, and until turnover, 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.

10.7 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.

10.8 FIELD QUALITY CONTROL

A. Contractor System Checkout: Before Acceptance Tests are scheduled, Contractor 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 to ensure compliance 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 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. COR or their representative may monitor System Acceptance Tests.
2. Independent Testing Agency Qualifications:
   a. 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 COR.
   b. 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.
3. The tests will consist of the following:
   a. Testing Standards: International Standard IEC 60268-16, as identified in Article on "System Performance Requirements."
   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 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. Contractor 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 officer 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 COR. Acceptance testing shall then be continued once Contractor has identified readiness of system. Costs associated with suspension of testing, including additional costs for testing representatives of COR, are responsibility of Contractor.
4. 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 officer window station. Test of levels shall include echo cancellation check.
      2) Paging capabilities from each officer 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:
1) Cable identification markings.
2) Cable routing integrity and neatness.
3) Location of speakers, microphones, and controls.

10.9 DEMONSTRATION AND TRAINING

A. Provide on-the-job training by a qualified instructor or manufacturer representative who is fully knowledgeable in design and operation of systems to individuals identified by COR. All training shall take place after audio systems are operational.

1. System User Training:
a. Training Sessions:
1) On-site class training of 1-hour duration for 20 persons serving 20 windows.
2) On-site hands-on training sessions of same individuals that participated in class session, but on window-by-window basis. Session shall be ½-hour duration for each window, with two individuals being trained in each session.

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

c. User Manual and training materials: Contractor must provide manuals and digital training guide/recordings for post to use to provide training to Consular officers in the future.

2. Technical Support Personnel Training; 8-hour session for 4-6 individuals. Session shall include the following topics:
a. Operation of officer 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.

11.0 WARRANTY

A. Contractor warrants all equipment and installation to be free of faulty workmanship,

defects, improper adjustments, and from damage. Manufacturer agrees to repair, restore, or replace work and equipment that fails in materials or workmanship within specified warranty period, including all costs, parts, and labor.

a. The Contractor shall provide the Government with a high level of assurance that delivered building systems are free of defects, specified warranties are valid, support systems and methodologies are in place, and Government support staff has a full understanding of the continued operation and maintenance of systems.
b. Disclaimer Limitations: Manufacturer's disclaimers in published product warranties shall not relieve the Contractor of Contract requirements on related product or work.

B. Warranty Period: 1 year from date from date of final acceptance.

C. The contractor must submit a warranty management plan for Government approval that includes include all required actions and documents to assure that the Government receives all warranties to which it is entitled. The plan shall be in narrative form and contain sufficient detail to render it suitable for use by future maintenance and repair personnel, whether tradesmen, or of engineering background, not necessarily familiar with this contract. Approved information and warranties shall be assembled in a binder and shall be turned over to the Government no later than the final acceptance date. The Contractor's warranty period shall begin on the date of final acceptance and shall continue for the full product warranty period.

D. Information contained in the warranty management plan shall include, but shall not be limited to, the following:

a. Roles and responsibilities of all personnel associated with the warranty process, including points of contact and telephone numbers within the organizations of the Contractors, subcontractors, manufacturers or suppliers involved.
b. Listing and status of delivery of all Certificates of Warranty for extended warranty items, including all information related to manufacturer provided warranties for each equipment and device.
c. A list for each warranted equipment, item, and feature of construction or system indicating:
    1) Name of item
    2) Model and serial numbers
    3) Location where installed
    4) Name and phone numbers of manufacturers or suppliers
    5) Names, addresses and telephone numbers of sources of spare parts, warranties, and terms of warranty. Items which have extended warranties shall be indicated with separate warranty expiration dates
    6) Cross-reference to warranty certificates as applicable
    7) Summary of maintenance procedures required to continue the warranty in force
    8) Cross-reference to specific pertinent Operation and Maintenance manuals

9) Organization, names, and phone numbers of persons to call for warranty service
10) Typical response time and repair time expected for various warranted equipment

E. Warranty Management:

a. Contractor must submit a plan of action to Post within twenty-four (24) hours after notification of the need for warranty response. Telephone and email are acceptable means of submission.

12.0 MAINTENANCE SERVICE

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

1. Telephone Assistance: Contractor shall respond 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.
2. 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.
3. Scheduled Service: Contractor 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.

13.0 SPARE PARTS

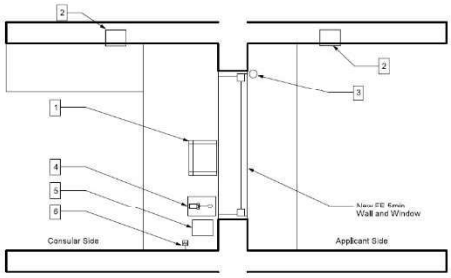
B. The contractor must provide the following spare parts:

1. CLIN 001
   a. One DSP
      1) For configurable DSP chassis, provide (1) of each card type used
   b. (x) speakers for waiting area.
   c. Complete set of window intercom (speaker, microphone, controller, headset etc.)
   d. power supply if used.

14.0 BASIS OF DESIGN

14.1 Basis of GUI

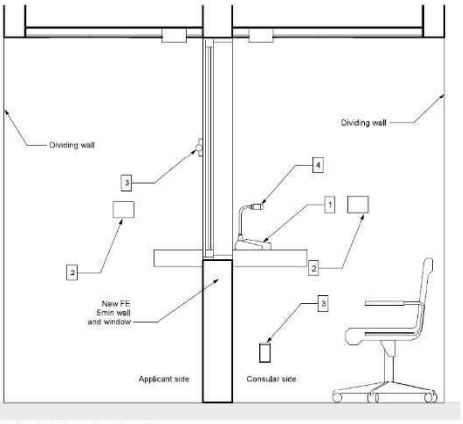
14.2 Basis of System Wiring



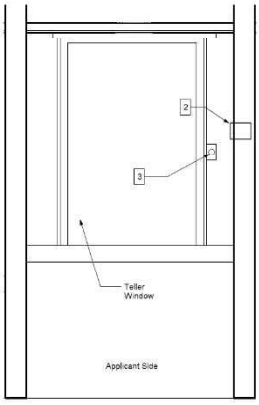
1 AV Window Equipment Plan
1 : 10

AV Legend

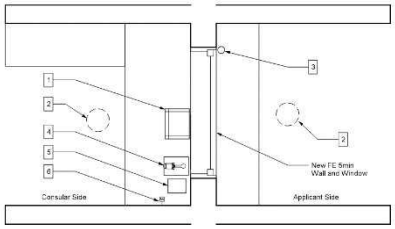
#	Description	Model
1	Table top control touch panel	Biamp Tec-X 2000
2	In-Wall mounted speaker	Biamp - RDL or equivalent
3	Wall mounted applicant side microphone	Clock audio C012-RF-CP
4	Table top goosneck microphone	Shure MX418DC
5	Table top headset	Shure BRH 441M
6	Teller side custom AV connection plate - located bellow counter	2 gang wall plate- custom (4) - used for touch panel, microphone and headset connectivity



3 Teller Window Section AV
1 : 10



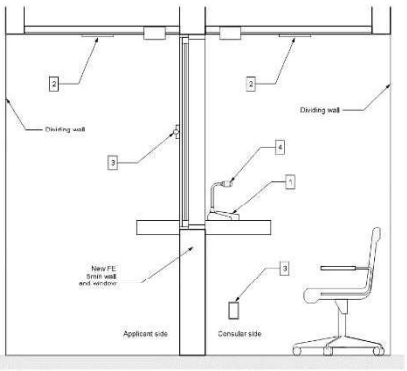
2 Teller Window Applicant Elevation AV
1 : 10



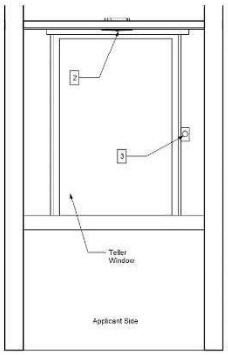
1 AV Window Equipment Plan
1 : 10

AV Legend

#	Description	Model
1	Table top control touch panel	Biamp Tec-X 2000
2	Ceiling mounted speaker and amplifier	Biamp C-IC6 and Biamp AMP-450BP Ceiling mounted AMP
3	Wall mounted applicant side microphone	Clock audio C012-RF-CP
4	Table top goosneck microphone	Shure MX418DC
5	Table top headset	Shure BRH 441M
6	Teller side custom AV connection plate - located bellow counter	2 gang wall plate- custom (4) - used for touch panel, microphone and headset connectivity



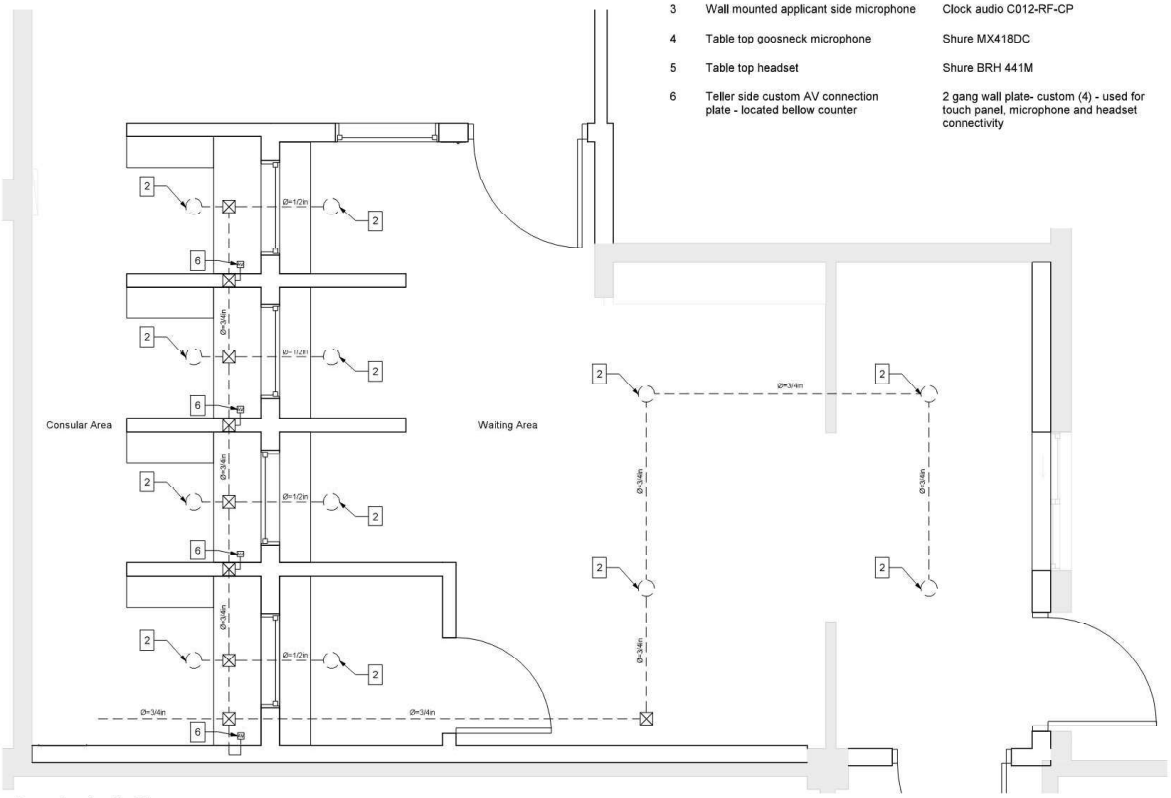
3 Teller Window Section AV
1 : 10



2 Teller Window Applicant Elevation AV
1 : 10

AV Legend

#	Description	Model
1	Table top control touch panel	Biamp Tec-X 2000
2	Ceiling mounted speaker and amplifier	Biamp C-IC6 and Biamp AMP-450BP Ceiling mounted AMP
3	Wall mounted applicant side microphone	Clock audio C012-RF-CP
4	Table top goosneck microphone	Shure MX418DC
5	Table top headset	Shure BRH 441M
6	Teller side custom AV connection plate - located bellow counter	2 gang wall plate- custom (4) - used for touch panel, microphone and headset connectivity



1 Consular Audio Plan
1 : 20

SECTION C - PACKAGING AND MARKING

Contractor is responsible to store and safe keep all materials for the works until works are ready to proceed on site.

SECTION D - INSPECTION AND ACCEPTANCE

The COR, or his/her authorized representatives, will inspect from time to time the services being performed 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.

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.

D.1 SUBSTANTIAL COMPLETION

(a) "*Substantial Completion*" means the stage in the progress of the work as determined and certified by the Contracting Officer in writing to the Contractor, on which the work (or a portion designated by the Government) is sufficiently complete and satisfactory. Substantial completion means that the property may be occupied or used for the purpose for which it is intended, and only minor items such as touch-up, adjustments, and minor replacements or installations remain to be completed or corrected which:

(1) do not interfere with the intended occupancy or utilization of the work, and
(2) can be completed or corrected within the time period required for final completion.

(b) The "date of substantial completion" means the date determined by the Contracting Officer or authorized Government representative as of which substantial completion of the work has been achieved.

Use and Possession upon Substantial Completion - The Government shall have the right to take possession of and use the work upon substantial completion. Upon notice by the Contractor that the work is substantially complete (a Request for Substantial Completion) and an inspection by the Contracting Officer or an authorized Government representative (including any required tests), the Contracting Officer shall furnish the Contractor a Certificate of Substantial Completion. The certificate will be accompanied by a Schedule of Defects listing items of work remaining to be performed, completed, or corrected before final completion and acceptance. Failure of the Contracting Officer to list any item of work shall not relieve the Contractor of responsibility for complying with the terms of the contract. The Government's possession or use upon substantial completion shall not be deemed an acceptance of any work under the contract.

D.2 FINAL COMPLETION AND ACCEPTANCE

D.2.1 "Final completion and acceptance" means the stage in the progress of the work as determined by the Contracting Officer and confirmed in writing to the Contractor, at which all work required under the contract has been completed in a satisfactory manner, subject to the discovery of defects after final completion, and except for items specifically excluded in the notice of final acceptance.

D.2.2 The "*date of final completion and acceptance*" means the date determined by the

Contracting Officer when final completion of the work has been achieved, as indicated by written notice to the Contractor.

D.2.3 FINAL INSPECTION AND TESTS. The Contractor shall give the Contracting Officer at least five (5) days advance written notice of the date when the work will be fully completed and ready for final inspection and tests. Final inspection and tests will be started not later than the date specified in the notice unless the Contracting Officer determines that the work is not ready for final inspection and so informs the Contractor.

D.2.4 FINAL ACCEPTANCE. If the Contracting Officer is satisfied that the work under the contract is complete (with the exception of continuing obligations), the Contracting Officer shall issue to the Contractor a notice of final acceptance and make final payment upon:

- Satisfactory completion of all required tests,

- A final inspection that all items by the Contracting Officer listed in the Schedule of Defects have been completed or corrected and that the work is finally complete (subject to the discovery of defects after final completion), and

- Submittal by the Contractor of all documents and other items required upon completion of the work, including a final request for payment (Request for Final Acceptance).

SECTION E - DELIVERIES AND PERFORMANCE

52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)

The Contractor shall be required to:

(a) commence work under this contract within 10 calendar days after the date the Contractor receives the notice to proceed,

(b) prosecute the work diligently, and,

(c) complete the entire work ready for use not later than 60 calendar days after the Notice To Proceed.

The time stated for completion shall include final cleanup of the premises.

52.211-12 LIQUIDATED DAMAGES - CONSTRUCTION (SEPT 2000)

(a) If the Contractor fails to complete the work within the time specified in the contract, or any extension, the Contractor shall pay liquidated damages to the Government in the amount of €100.00 for each calendar day of delay until the work is completed or accepted.

(b) If the Government terminates the Contractor's right to proceed, liquidated damages will continue to accrue until the work is completed. These liquidated damages are in addition to excess costs of repurchase under the Default clause.

CONTRACTOR'S SUBMISSION OF CONSTRUCTION SCHEDULES

(a) The time for submission of the schedules referenced in FAR 52.236-15, "Schedules for Construction Contracts", paragraph (a), is hereby modified to reflect the due date for submission as " 10 calendar days after receipt of an executed contract".

(b) These schedules shall include the time by which shop drawings, product data, samples and other submittals required by the contract will be submitted for approval.

(c) The Contractor shall revise such schedules (1) to account for the actual progress of the work, (2) to reflect approved adjustments in the performance schedule, and (3) as required by the Contracting Officer to achieve coordination with work by the Government and any separate contractors used by the Government. The Contractor shall submit a schedule, which sequences work so as to minimize disruption at the job site.

(d) All deliverables shall be in the English language and any system of dimensions (English or metric) shown shall be consistent with that used in the contract. No extension of time shall be allowed due to delay by the Government in approving such deliverables if the Contractor has failed to act promptly and responsively in submitting its deliverables. The

Contractor shall identify each deliverable as required by the contract.

(e) Acceptance of Schedule: When the Government has accepted any time schedule; it shall be binding upon the Contractor. The completion date is fixed and may be extended only by a written contract modification signed by the Contracting Officer. Acceptance or approval of any schedule or revision thereof by the Government shall not:

(1) Extend the completion date or obligate the Government to do so,

(2) Constitute acceptance or approval of any delay, or

(3) Excuse the Contractor from or relieve the Contractor of its obligation to maintain the progress of the work and achieve final completion by the established completion date.

NOTICE OF DELAY

If the Contractor receives a notice of any change in the work, or if any other conditions arise which are likely to cause or are actually causing delays which the Contractor believes may result in late completion of the project, the Contractor shall notify the Contracting Officer. The Contractor's notice shall state the effect, if any, of such change or other conditions upon the approved schedule, and shall state in what respects, if any, the relevant schedule, or the completion date should be revised. The Contractor shall give such notice promptly, not more than ten (10) days after the first event giving rise to the delay or prospective delay. Only the Contracting Officer may revise the approved time schedule.

NOTICE TO PROCEED

(a) After receiving and accepting any bonds or evidence of insurance, the Contracting Officer will provide the Contractor a Notice to Proceed. The Contractor must then prosecute the work, commencing and completing performance not later than the time period established in the contract.

(b) It is possible that the Contracting Officer may elect to issue the Notice to Proceed before receipt and acceptance of any bonds or evidence of insurance. Issuance of a Notice to Proceed by the Government before receipt of the required bonds or insurance certificates or policies shall not be a waiver of the requirement to furnish these documents.

WORKING HOURS

All work shall be performed during Mon-Fri 08.00-17.00**.** Other hours, if requested by the Contractor, may be approved by the Contracting Officer's Representative (COR). The Contractor shall give 24 hours in advance to COR who will consider any deviation from the hours identified above. Changes in work hours, initiated by the Contractor, will not be a cause for a price increase.

PRECONSTRUCTION CONFERENCE

A preconstruction conference will be held 10 days after contract award at U.S Embassy Nicosia to discuss the schedule, submittals, notice to proceed, mobilization and other important issues that effect construction progress. See FAR 52.236-26, Preconstruction Conference.

DELIVERABLES - The following items shall be delivered under this contract:			
Description	Quantity	Deliver Date	Deliver To
Section G. Securities/Insurance	1	10 days after award	CO
Section E. Construction Schedule	1	10 days after award	COR
Section E. Preconstruction Conference	1	10 days after award	COR
Section G. Personnel Biographies	1	10 days after award	COR
Section F. Payment Request	1	At substantial completion acceptance	COR
Section D. Request for Substantial Completion	1	5 days before inspection	COR
Section D. Request for Final Acceptance	1	5 days before inspection	COR

SECTION F – CONTRACT ADMINISTRATION DATA

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

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

(b) The COR for this contract is the Project Manager Supervisor

Payment: The Contractor's attention is directed to Section H, 52.232-5, "Payments Under Fixed-Price Construction Contracts". The following elaborates on the information contained in that clause.

Requests for payment, may be made no more frequently than monthly. Payment requests shall cover the value of labor and materials completed and in place, including a prorated portion of overhead and profit.

After receipt of the Contractor's request for payment, and on the basis of an inspection of the work, the Contracting Officer shall make a determination as to the amount, which is then due. If the Contracting Officer does not approve payment of the full amount applied for, less the retainage allowed by in 52.232-5, the Contracting Officer shall advise the Contractor as to the reasons.

Under the authority of 52.232-27(a), the 14 day period identified in FAR 52.232-27(a)(1)(i)(A) is hereby changed to 30 days.

All invoices are to be submitted electronically at

NicosiaFACinvoices@state.gov

Invoices shall not include a line for VAT. An exemption certificate shall be provided to the contractor by the US Embassy.

SECTION G - SPECIAL TERMS AND CONDITIONS

G.1.0 PERFORMANCE/PAYMENT PROTECTION - The Contractor shall furnish some form of payment protection as described in 52.228-13 in the amount of 50% of the contract price. This will be in the form of bank guarantee.

G.1.1 The Contractor shall provide the information required by the paragraph above within ten (10) calendar days after award. Failure to timely submit the required security may result in rescinding or termination of the contract by the Government. If the contract is terminated, the Contractor will be liable for those costs as described in FAR 52.249-10, Default (Fixed-Price Construction), which is included in this purchase order.

G.1.2 The bonds or alternate performance security shall guarantee the Contractor's execution and completion of the work within the contract time. This security shall also guarantee the correction of any defects after completion, the payment of all wages and other amounts payable by the Contractor under its subcontracts or for labor and materials, and the satisfaction or removal of any liens or encumbrances placed on the work.

G.1.3 The required securities shall remain in effect in the full amount required until final acceptance of the project by the Government. Upon final acceptance, the penal sum of the performance security shall be reduced to 10% of the contract price. The security shall remain in effect for one year after the date of final completion and acceptance, and the Contractor shall pay any premium required for the entire period of coverage.

G.2.0 INSURANCE - The Contractor is required by FAR 52.228-5, "Insurance - Work on a Government Installation" to provide whatever insurance is legally necessary. The Contractor shall at its own expense provide and maintain during the entire performance period the following insurance amounts:

G.2.1 GENERAL LIABILITY (includes premises/operations, collapse hazard, products, completed operations, contractual, independent contractors, broad form property damage, personal injury):

(1) BODILY INJURY, ON OR OFF THE SITE, IN EUROS	
Per Occurrence	**€60000**
Cumulative	***€160000***
(2) PROPERTY DAMAGE, ON OR OFF THE SITE, IN EUROS	
Per Occurrence	**€60000**
Cumulative	**€160000**

G.2.2 The foregoing types and amounts of insurance are the minimums required. The Contractor shall obtain any other types of insurance required by local law or that are ordinarily or customarily obtained in the location of the work. The limit of such insurance shall be as

provided by law or sufficient to meet normal and customary claims.

G.2.3 The Contractor agrees that the Government shall not be responsible for personal injuries or for damages to any property of the Contractor, its officers, agents, servants, and employees, or any other person, arising from and incident to the Contractor's performance of this contract. The Contractor shall hold harmless and indemnify the Government from any and all claims arising therefrom, except in the instance of gross negligence on the part of the Government.

G.2.4 The Contractor shall obtain adequate insurance for damage to, or theft of, materials and equipment in insurance coverage for loose transit to the site or in storage on or off the site.

G.2.5 The general liability policy required of the Contractor shall name "the United States of America, acting by and through the Department of State", as an additional insured with respect to operations performed under this contract.

G.3.0 DOCUMENT DESCRIPTIONS

G.3.1 SUPPLEMENTAL DOCUMENTS: The Contracting Officer shall furnish from time to time such detailed drawings and other information as is considered necessary, in the opinion of the Contracting Officer, to interpret, clarify, supplement, or correct inconsistencies, errors or omissions in the Contract documents, or to describe minor changes in the work not involving an increase in the contract price or extension of the contract time. The Contractor shall comply with the requirements of the supplemental documents, and unless prompt objection is made by the Contractor within 20 days, their issuance shall not provide for any claim for an increase in the Contract price or an extension of contract time.

G.3.1.1. RECORD DOCUMENTS. The Contractor shall maintain at the project site:

(1) a current marked set of Contract drawings and specifications indicating all interpretations and clarification, contract modifications, change orders, or any other departure from the contract requirements approved by the Contracting Officer; and,

(2) a complete set of record shop drawings, product data, samples and other submittals as approved by the Contracting Officer.

G.3.1.2. "As-Built" Documents: After final completion of the work, but before final acceptance thereof, the Contractor shall provide:

(1) a complete set of "as-built" drawings, based upon the record set of drawings, marked to show the details of construction as actually accomplished; and,

(2) record shop drawings and other submittals, in the number and form as required by the specifications.

G.4.0 LAWS AND REGULATIONS - The Contractor shall, without additional expense to the Government, be responsible for complying with all laws, codes, ordinances, and regulations

applicable to the performance of the work, including those of the host country, and with the lawful orders of any governmental authority having jurisdiction. Host country authorities may not enter the construction site without the permission of the Contracting Officer. Unless otherwise directed by the Contracting Officer, the Contractor shall comply with the more stringent of the requirements of such laws, regulations, and orders and of the contract. In the event of a conflict between the contract and such laws, regulations and orders, the Contractor shall promptly advise the Contracting Officer of the conflict and of the Contractor's proposed course of action for resolution by the Contracting Officer.

G.4.1 The Contractor shall comply with all local labor laws, regulations, customs, and practices pertaining to labor, safety, and similar matters, to the extent that such compliance is not inconsistent with the requirements of this contract.

G.4.2 The Contractor shall give written assurance to the Contracting Officer that all subcontractors and others performing work on or for the project have obtained all requisite licenses and permits.

G.4.3 The Contractor shall submit proper documentation and evidence satisfactory to the Contracting Officer of compliance with this clause.

G.5.0 CONSTRUCTION PERSONNEL - The Contractor shall maintain discipline at the site and at all times take all reasonable precautions to prevent any unlawful, riotous, or disorderly conduct by or among those employed at the site. The Contractor shall ensure the preservation of peace and protection of persons and property in the neighborhood of the project against such action. The Contracting Officer may require, in writing that the Contractor remove from the work any employee that the Contracting Officer deems incompetent, careless, insubordinate or otherwise objectionable, or whose continued employment on the project is deemed by the Contracting Officer to be contrary to the Government's interests.

G.5.1 If the Contractor has knowledge that any actual or potential labor dispute is delaying or threatens to delay the timely performance of this contract, the Contractor shall immediately give notice, including all relevant information, to the Contracting Officer.

G.5.2 After award, the Contractor has ten calendar days to submit to the Contracting Officer a list of workers and supervisors assigned to this project for the Government to conduct all necessary security checks. It is anticipated that security checks will take 60 days to perform. For each individual, the list shall include:

Full Name
Place and Date of Birth
Current Address
Identification number

Failure to provide any of the above information may be considered grounds for rejection and/or resubmittal of the application. Once the Government has completed the security screening and

approved the applicants a badge will be provided to the individual for access to the site. This badge may be revoked at any time due to the falsification of data, or misconduct on site.

G.5.3 The Contractor shall provide an English speaking supervisor on site at all times. This position is considered as key personnel under this purchase order.

G.6.0 Materials and Equipment - All materials and equipment incorporated into the work shall be new and for the purpose intended, unless otherwise specified. All workmanship shall be of good quality and performed in a skillful manner that will withstand inspection by the Contracting Officer.

G.7.0 SPECIAL WARRANTIES

G.7.1 Any special warranties that may be required under the contract shall be subject to the stipulations set forth in 52.246-21, "Warranty of Construction", as long as they are not in conflict.

G.7.2 The Contractor shall obtain and furnish to the Government all information required to make any subcontractor's, manufacturer's, or supplier's guarantee or warranty legally binding and effective. The Contractor shall submit both the information and the guarantee or warranty to the Government in sufficient time to permit the Government to meet any time limit specified in the guarantee or warranty, but not later than completion and acceptance of all work under this contract.

G.8.0 EQUITABLE ADJUSTMENTS

Any circumstance for which the contract provides an equitable adjustment that causes a change within the meaning of paragraph (a) of the "Changes" clause shall be treated as a change under that clause; provided, that the Contractor gives the Contracting Officer prompt written notice (within 20 days) stating:

(a) the date, circumstances, and applicable contract clause authorizing an equitable adjustment and

(b) that the Contractor regards the event as a changed condition for which an equitable adjustment is allowed under the contract

The Contractor shall provide written notice of a differing site condition within 10 calendar days of occurrence following FAR 52.236-2, Differing Site Conditions.

G.9.0 ZONING APPROVALS AND PERMITS

The Government shall be responsible for:

- obtaining proper zoning or other land use control approval for the project

- obtaining the approval of the Contracting Drawings and Specifications
- paying fees due for the foregoing; and,
- for obtaining and paying for the initial building permits.

SECTION H - CLAUSES

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. In addition, the full text of a clause may be accessed electronically at: Acquisition.gov this address is subject to change.

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

THE FOLLOWING FEDERAL ACQUISITION REGULATION CLAUSE(S) IS/ARE INCORPORATED BY REFERENCE (48 CFR CH. 1):

CLAUSE	TITLE AND DATE
52.202-1	DEFINITIONS (JUN 2020)
52.203-17	CONTRACTOR EMPLOYEE WHISTLEBLOWER RIGHTS (NOV 2023)
52.204-9	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (JAN 2011)
52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS (JUN 2020)
52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (OCT 2018)
52.204-18	COMMERCIAL AND GOVERNMENT ENTITY CODE MAINTENANCE (AUG 2020)
52.204-19	INCORPORATION BY REFERENCE OF REPRESENTATIONS AND CERTIFICATIONS (DEC 2014)
52.204-27	PROHIBITION ON A BYTEDANCE COVERED APPLICATION (JUN 2023)
52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED OR PROPOSED FOR DEBARMENT OR VOLUNTARILY EXCLUDED (JAN 2025)
52.216-7	ALLOWABLE COST AND PAYMENT (AUG 2018)

52.222-1 NOTICE TO THE GOVERNMENT OF LABOR DISPUTES (FEB 1997)

52.222-19 CHILD LABOR-COOPERATION WITH AUTHORITIES AND REMEDIES (MAR 2026)

52.222-50 COMBATING TRAFFICKING IN PERSONS (NOV 2021)

52.225-5 TRADE AGREEMENTS (NOV 2023)

52.225-13 RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (FEB 2021)

52.225-14 INCONSISTENCY BETWEEN ENGLISH VERSION AND TRANSLATION OF CONTRACT (FEB 2000)

52.226-8 ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING (MAY 2024)

52.228-4 WORKERS' COMPENSATION AND WAR-HAZARD INSURANCE OVERSEAS (APR 1984)

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

52.228-11 PLEDGES OF ASSETS (FEB 2021)

52.228-13 ALTERNATIVE PAYMENT PROTECTION (JULY 2000)

52.228-14 IRREVOCABLE LETTER OF CREDIT (NOV 2014)

52.228-15 PERFORMANCE AND PAYMENT BONDS-CONSTRUCTION (JUN 2020)

52.229-6 TAXES - FOREIGN FIXED-PRICE CONTRACTS (FEB 2013)

52.229-7 TAXES- FIXED PRICE CONTRACTS WITH FOREIGN GOVERNMENTS (FEB 2013)

52.232-5 PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS (MAY 2014)

52.232-8 DISCOUNTS FOR PROMPT PAYMENT (FEB 2002)

52.232-11 EXTRAS (APR 1984)

52.232-18 AVAILABILITY OF FUNDS (APR 1984)

52.232-22 LIMITATION OF FUNDS (APR 1984)

52.232-25 PROMPT PAYMENT (JAN 2017)

52.232-27 PROMPT PAYMENT FOR CONSTRUCTION CONTRACTS (JAN 2017)

52.232-33 PAYMENT BY ELECTRONIC FUNDS TRANSFER - SYSTEM FOR AWARD MANAGEMENT (OCT 2018)

52.232-34 PAYMENT BY ELECTRONIC FUNDS TRANSFER – OTHER THAN SYSTEM FOR AWARD MANAGEMENT (JULY 2013)

52.233-1 DISPUTES (MAY 2014) ALTERNATE I (DEC 1991)

52.233-3 PROTEST AFTER AWARD (AUG 1996)

52.236-2 DIFFERING SITE CONDITIONS (APR 1984)

52.236-3 SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK (APR 1984)

52.236-5 MATERIAL AND WORKMANSHIP (APR 1984)

52.236-6 SUPERINTENDENCE BY THE CONTRACTOR (APR 1984)

52.236-7 PERMITS AND RESPONSIBILITIES (NOV 1991)

52.236-8 OTHER CONTRACTS (APR 1984)

52.236-9 PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS (APR 1984)

52.236-10 OPERATIONS AND STORAGE AREAS (APR 1984)

52.236-11 USE AND POSSESSION PRIOR TO COMPLETION (APR 1984)

52.236-12 CLEANING UP (APR 1984)

52.236-13 ACCIDENT PREVENTION (NOV 1991)

52.236-14 AVAILABILITY AND USE OF UTILITY SERVICES (APR 1984)

52.236-15 SCHEDULES FOR CONSTRUCTION CONTRACTS (APR 1984)

52.236-21 SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (FEB 1997)

52.236-26 PRECONSTRUCTION CONFERENCE (FEB 1995)

52.242-14 SUSPENSION OF WORK (APR 1984)

52.243-4 CHANGES (JUN 2007)

52.243-5 CHANGES AND CHANGED CONDITIONS (APR 1984)

52.245-2 GOVERNMENT PROPERTY INSTALLATION OPERATION SERVICES (APR 2012)

52.245-9 USE AND CHARGES (APR 2012)

52.246-12 INSPECTION OF CONSTRUCTION (AUG 1996)

52.246-17 WARRANTY OF SUPPLIES OF A NONCOMPLEX NATURE (JUN 2003)

52.246-21 WARRANTY OF CONSTRUCTION (MAR 1994)

52.246-26 REPORTING NONCONFORMING ITEMS (AUG 2024)

52.249-2 TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (APR 2012)

52.249-10 DEFAULT (FIXED-PRICE CONSTRUCTION) (APR 1984)

52.249-14 EXCUSABLE DELAYS (APR 1984)

I. FAR CLAUSES INCORPORATED IN FULL TEXT

52.204-25 PROHIBITION ON CONTRACTING FOR CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT (NOV 2021)

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

Backhaul means intermediate links between the core network, or backbone network, and the small subnetworks at the edge of the network (*e.g.*, connecting cell phones/towers to the core telephone network). Backhaul can be wireless (e.g., microwave) or wired (*e.g.*, fiber optic, coaxial cable, Ethernet).

Covered foreign country means The People's Republic of China.

Covered telecommunications equipment or services means–

(1) Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities);

(2) For the purpose of public safety, security of Government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities);

(3) Telecommunications or video surveillance services provided by such entities or using such equipment; or

(4) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

Critical technology means–

(1) Defense articles or defense services included on the United States Munitions List set forth in the International Traffic in Arms Regulations under subchapter M of chapter I of title 22, Code of Federal Regulations;

(2) Items included on the Commerce Control List set forth in Supplement No. 1 to part 774 of the Export Administration Regulations under subchapter C of chapter VII of title 15, Code of Federal Regulations, and controlled-

(i) Pursuant to multilateral regimes, including for reasons relating to national security, chemical and biological weapons proliferation, nuclear nonproliferation, or missile technology; or

(ii) For reasons relating to regional stability or surreptitious listening;

(3) Specially designed and prepared nuclear equipment, parts and components, materials, software, and technology covered by part 810 of title 10, Code of Federal Regulations (relating to assistance to foreign atomic energy activities);

(4) Nuclear facilities, equipment, and material covered by part 110 of title 10, Code of Federal Regulations (relating to export and import of nuclear equipment and material);

(5) Select agents and toxins covered by part 331 of title 7, Code of Federal Regulations, part 121 of title 9 of such Code, or part 73 of title 42 of such Code; or

(6) Emerging and foundational technologies controlled pursuant to section 1758 of the Export Control Reform Act of 2018 (50 U.S.C. 4817).

Interconnection arrangements means arrangements governing the physical connection of two or more networks to allow the use of another's network to hand off traffic where it is ultimately delivered (*e.g.*, connection of a customer of telephone provider A to a customer of telephone company B) or sharing data and other information resources.

Reasonable inquiry means an inquiry designed to uncover any information in the entity's possession about the identity of the producer or provider of covered telecommunications equipment or services used by the entity that excludes the need to include an internal or third-party audit.

Roaming means cellular communications services (*e.g.*, voice, video, data) received from a visited network when unable to connect to the facilities of the home network either because signal coverage is too weak or because traffic is too high.

Substantial or essential component means any component necessary for the proper function or performance of a piece of equipment, system, or service.

(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. The Contractor is prohibited from providing to the Government 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, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104.

(2) Section 889(a)(1)(B) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2020, from entering into a contract, or extending or renewing a contract, with an entity that uses any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104. 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.

(c) *Exceptions.* This clause does not prohibit contractors from providing—

(1) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or

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

(d) Reporting requirement.

(1) In the event the Contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the Contractor is notified of such by a subcontractor at any tier or by any other source, the Contractor shall report the information in paragraph (d)(2) of this clause to the Contracting Officer, unless elsewhere in this contract are established procedures for reporting the information; in the case of the Department of Defense, the Contractor shall report to the website at https://dibnet.dod.mil. For indefinite delivery contracts, the Contractor shall report to the Contracting Officer for the indefinite delivery contract and the Contracting Officer(s) for any affected order or, in the case of the Department of Defense, identify both the indefinite delivery contract and any affected orders in the report provided at https://dibnet.dod.mil.

(2) The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause

(i) Within one business day from the date of such identification or notification: the contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.

(ii) Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: any further available information about mitigation actions undertaken or recommended. In addition, the Contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or

services.

(e) *Subcontracts.* The Contractor shall insert the substance of this clause, including this paragraph (e) and excluding paragraph (b)(2), in all subcontracts and other contractual instruments, including subcontracts for the acquisition of commercial products or commercial services.

(End of clause)

52.213-4 TERMS AND CONDITIONS—SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL PRODUCTS AND COMMERCIAL SERVICES) (MAR 2026)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses that are incorporated by reference:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 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)).

(ii) 52.204-23, Prohibition on Contracting for Hardware, Software, and Services Developed or Provided by Kaspersky Lab Covered Entities (Dec 2023) (Section 1634 of Pub. L. 115-91).

(iii) 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).

(iv) 52.204-27, Prohibition on a ByteDance Covered Application (Jun 2023) (Section 102 of Division R of Pub. L. 117-328), unless the agency grants an exception - see paragraph (b) of 52.204-27.

(v) 52.204-30, Federal Acquisition Supply Chain Security Act Orders—Prohibition. (Dec 2023) (Pub. L. 115–390, title II).

(vi) 52.222-3, Convict Labor (Jun 2003) (E.O.11755).

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

(viii) 52.222-26, Equal Opportunity (Sep 2016) (E.O.11246).

(ix) 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).

(x) 52.232-40, Providing Accelerated Payments to Small Business Subcontractors (Mar

2023) (31 U.S.C. 3903 and 10 U.S.C. 3801).

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

(xii) 52.233-4, Applicable Law for Breach of Contract Claim (Oct 2004) (Pub. L. 108-77 and 108-78 (19 U.S.C. 3805 note)).

(2) Listed below are additional clauses that apply:

(i) 52.232-1, Payments (Apr 1984).

(ii) 52.232-8, Discounts for Prompt Payment (Feb 2002).

(iii) 52.232-11, Extras (Apr 1984).

(iv) 52.232-25, Prompt Payment (Jan 2017).

(v) 52.232-39, Unenforceability of Unauthorized Obligations (Jun 2013).

(vi) 52.233-1, Disputes (May 2014).

(vii) 52.244-6, Subcontracts for Commercial Products and Commercial Services (Jan 2025).

(viii) 52.253-1, Computer Generated Forms (Jan 1991).

(b) The Contractor shall comply with the following FAR clauses, incorporated by reference, unless the circumstances do not apply:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.203-17, Contractor Employee Whistleblower Rights (Nov 2023) (41 U.S.C. 4712); this clause does not apply to contracts of DoD, NASA, the Coast Guard, or applicable elements of the intelligence community—see FAR 3.900(a).

(ii) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (Jun 2020)(Pub. L. 109-282) (31 U.S.C. 6101 note) (Applies to contracts valued at or above the threshold specified in FAR 4.1403(a) on the date of award of this contract).

(iii) 52.222-19, Child Labor—Cooperation with Authorities and Remedies (Mar 2026) (E.O. 13126) (Applies to contracts for supplies exceeding the micro-purchase threshold, as defined in 2.101 on the date of award of this contract).

(iv) 52.222-20, Contracts for Materials, Supplies, Articles, and Equipment., Contracts for Materials, Supplies, Articles, and Equipment (Jun 2020) (41 U.S.C. chapter 65) (Applies to supply contracts over the threshold specified in FAR 22.602 on the date of award of this contract, in the United States, Puerto Rico, or the U.S. Virgin Islands).

(v) 52.222-35, Equal Opportunity for Veterans (Jun 2020) (38 U.S.C. 4212) (Applies to contracts valued at or above the threshold specified in FAR 22.1303(a) on the date of award of this contract).

(vi) 52.222-36, Equal Employment for Workers with Disabilities (Jun 2020) (29 U.S.C. 793) (Applies to contracts over the threshold specified in FAR 22.1408(a) on the date of award of this contract, unless the work is to be performed outside the United States by employees recruited outside the United States). (For purposes of this clause, "United States" includes the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.)

(vii) 52.222-37, Employment Reports on Veterans (Jun 2020) (38 U.S.C. 4212) (Applies to contracts valued at or above the threshold specified in FAR 22.1303(a) on the date of award of this contract).

(viii) 52.222-41, Service Contract Labor Standards (Aug 2018) (41 U.S.C. chapter 67) (Applies to service contracts over $2,500 that are subject to the Service Contract Labor Standards statute and will be performed in the United States, District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wake Island, or the outer Continental Shelf).

(ix)

(A) 52.222-50, Combating Trafficking in Persons (Nov 2021) (22 U.S.C. chapter 78 and E.O. 13627) (Applies to all solicitations and contracts).

(B) Alternate I (Mar 2015) (Applies if the Contracting Officer has filled in the following information with regard to applicable directives or notices: Document title(s), source for obtaining document(s), and contract performance location outside the United States to which the document applies).

(x) 52.222-55, Minimum Wages for Contractor Workers Under Executive Order 14026 (Jan 2022) (Applies when 52.222-6 or 52.222-41 are in the contract and performance in whole or in part is in the United States (the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wake Island, and the outer Continental Shelf as defined in the Outer Continental Shelf Lands Act (43 U.S.C. 1331, *et seq.*))).

(xi) 52.222-62, Paid Sick Leave Under Executive Order 13706 (Jan 2022) (E.O. 13706) (Applies when 52.222-6 or 52.222-41 are in the contract and performance in whole or in part is in the United States (the 50 States and the District of Columbia.))

(xii) 52.223-5, Pollution Prevention and Right-to-Know Information (May 2024) (42 U.S.C. 11001-11050 and 13101-13109) (Applies to services performed on Federal facilities).

(xiii) 52.223-11, Ozone-Depleting Substances and High Global Warming Potential

Hydrofluorocarbons (May 2024) (42 U.S.C. 7671, *et seq.*) (Applies to contracts for products as prescribed at FAR 23.109(d)(1)).

(xiv) 52.223-12, Maintenance, Service, Repair, or Disposal of Refrigeration Equipment and Air Conditioners (May 2024) (42 U.S.C. 7671, *et seq.*) (Applies to maintenance, service, repair, or disposal of refrigeration equipment and air conditioners).

(xv) 52.223-20, Aerosols (May 2024) (42 U.S.C. 7671, *et seq.*) (Applies to contracts for products that may contain high global warming potential hydrofluorocarbons as a propellant or as a solvent; or contracts for maintenance or repair of electronic or mechanical devices).

(xvi) 52.223-21, Foams (May 2024) (42 U.S.C. 7671, *et seq.*) (Applies to contracts for products that may contain high global warming potential hydrofluorocarbons or refrigerant blends containing hydrofluorocarbons as a foam blowing agent; or contracts for construction of buildings or facilities.

(xvii) 52.223-23, Sustainable Products and Services (May 2024) (E.O. 14057, 7 U.S.C. 8102, 42 U.S.C. 6962, 42 U.S.C. 8259b, and 42 U.S.C. 7671l) (Applies to contracts when the agency identifies in the statement of work, or elsewhere in the contract, the sustainable products and services that apply to the acquisition).

(xviii)

(A) 52.225-1, Buy American-Supplies (Oct 2022) (41 U.S.C. chapter 67) (Applies to contracts for supplies, and to contracts for services involving the furnishing of supplies, for use in the United States or its outlying areas, if the value of the supply contract or supply portion of a service contract exceeds the micro-purchase threshold, as defined in 2.101 on the date of award of this contract, and the acquisition-

(1) Is set aside for small business concerns; or

(2) Cannot be set aside for small business concerns (see 19.502-2), and does not exceed $50,000).

(B) *Alternate I* (OCT 2022) (Applies if the Contracting Officer has filled in the domestic content threshold below, which will apply to the entire contract period of performance. Substitute the following sentence for the first sentence of paragraph (1)(ii)(A) of the definition of *domestic end product* in paragraph (a) of 52.225-1: (A) The cost of its components mined, produced, or manufactured in the United States exceeds ____ percent of the cost of all its components. [*Contracting officer to insert the percentage per instructions at 13.302-5(d)(4).*])

(xix) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations., Promoting Excess Food Donation to Nonprofit Organizations (Jun 2020) (42 U.S.C. 1792) (Applies to contracts greater than the threshold specified in FAR 26.404 on the date of award of this contract, that provide for the provision, the service, or the sale of food in the United States).

(xx) 52.232-33, Payment by Electronic Funds Transfer-System for Award Management (Oct 2013)(Applies when the payment will be made by electronic funds transfer (EFT) and the payment office uses the System for Award Management (SAM) as its source of EFT information).

(xxi) 52.232-34, Payment by Electronic Funds Transfer-Other than System for Award Management (Jul 2013) (Applies when the payment will be made by EFT and the payment office does not use the SAM database as its source of EFT information).

(xxii) 52.240-1, Prohibition on Unmanned Aircraft Systems Manufactured or Assembled by American Security Drone Act-Covered Foreign Entities (Nov 2024) (Sections 1821-1826, Pub. L. 118-31, 41 U.S.C. 3901 note prec.).

(xxiii) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Nov 2021) (46 U.S.C. 55305)(Applies to supplies transported by ocean vessels (except for the types of subcontracts listed at 47.504(d)).

(xxiv) 52.247-69, Reporting Requirement for U.S.-Flag Air Carriers Regarding Training to Prevent Human Trafficking (Jan 2025) (49 U.S.C. 40118(g)). (Applies to contracts with a U.S.-flag carrier for the transportation by air of passengers; does not apply to contracts awarded by the Department of Defense or contracts for commercial products).

(2) Listed below are additional clauses that may apply:

(i) 52.204-21, Basic Safeguarding of Covered Contractor Information Systems (Nov 2021) (Applies to contracts when the contractor or a subcontractor at any tier may have Federal contract information residing in or transiting through its information system.)

(ii) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, Proposed for Debarment, or Voluntarily Excluded (Jan 2025) (Applies to contracts over the threshold specified in FAR 9.405-2(b) on the date of award of this contract).

(iii) 52.211-17, Delivery of Excess Quantities (Sept 1989) (Applies to fixed-price supplies).

(iv) 52.247-29, F.o.b. Origin (Feb 2006) (Applies to supplies if delivery is f.o.b. origin).

(v) 52.247-34, F.o.b. Destination (Jan 1991) (Applies to supplies if delivery is f.o.b. destination).

(c) *FAR 52.252-2, Clauses Incorporated by Reference (Feb 1998)*. This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

[Insert one or more Internet addresses]

(d) *Inspection/Acceptance*. The Contractor shall tender for acceptance only those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its postacceptance rights-

(1) Within a reasonable period of time after the defect was discovered or should have been discovered; and

(2) Before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(e) *Excusable delays*. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence, such as acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(f) *Termination for the Government's convenience*. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges that the Contractor can demonstrate to the satisfaction of the Government, using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor’s records. The Contractor shall not be paid for any work performed or costs incurred that reasonably could have been avoided.

(g) *Termination for cause*. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and

remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(h) *Warranty*. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(End of clause)

52.225-23 REQUIRED USE OF AMERICAN IRON, STEEL, AND MANUFACTURED GOODS-BUY AMERICAN STATUTE-CONSTRUCTION MATERIALS UNDER TRADE AGREEMENTS. (NOV 2023)

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

Component means an article, material, or supply incorporated directly into a construction material.

Construction material means an article, material, or supply brought to the construction site by the Contractor or subcontractor for incorporation into the building or work. The term also includes an item brought to the site preassembled from articles, materials, or supplies. However, emergency lifes afety systems, such as emergency lighting, fire alarm, and audio evacuation systems, that are discrete systems incorporated into a public building or work and that are produced as complete systems, are evaluated as a single and distinct construction material regardless of when or how the individual parts or components of those systems are delivered to the construction site.

Designated country means any of the following countries:

(1) A World Trade Organization Government Procurement Agreement (WTO GPA) country (Armenia, Aruba, Australia, Austria, Belgium, Bulgaria, Canada, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hong Kong, Hungary, Iceland, Ireland, Israel, Italy, Japan, Korea (Republic of), Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Moldova, Montenegro, Netherlands, New Zealand, North Macedonia, Norway, Poland, Portugal, Romania, Singapore, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Taiwan, Ukraine, or United Kingdom);

(2) A Free Trade Agreement (FTA) country (Australia, Bahrain, Chile, Colombia, Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Korea (Republic of), Mexico, Morocco, Nicaragua, Oman, Panama, Peru, or Singapore);

(3) A least developed country (Afghanistan, Angola, Bangladesh, Benin, Bhutan, Burkina Faso, Burundi, Cambodia, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gambia, Guinea, Guinea-Bissau, Haiti, Kiribati, Laos, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mozambique, Nepal, Niger, Rwanda, Samoa, Sao Tome and Principe, Senegal, Sierra Leone, Solomon Islands,

Somalia, South Sudan, Tanzania, Timor-Leste, Togo, Tuvalu, Uganda, Vanuatu, Yemen, or Zambia); or

(4) A Caribbean Basin country (Antigua and Barbuda, Aruba, Bahamas, Barbados, Belize, Bonaire, British Virgin Islands, Curacao, Dominica, Grenada, Guyana, Haiti, Jamaica, Montserrat, Saba, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Sint Eustatius, Sint Maarten, or Trinidad and Tobago).

Designated country construction material means a construction material that is a WTO GPA country construction material, an FTA country construction material, a least developed country construction material, or a Caribbean Basin country construction material.

Domestic construction material means the following:

(1) An unmanufactured construction material mined or produced in the United States. (The Buy American statute applies.)

(2) A manufactured construction material that is manufactured in the United States and, if the construction material consists wholly or predominantly of iron or steel, the iron or steel was produced in the United States. (Section 1605 of the Recovery Act applies.)

Foreign construction material means a construction material other than a domestic construction material.

Free trade agreement (FTA) country construction material means a construction material that-

(1) Is wholly the growth, product, or manufacture of an FTA country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in an FTA country into a new and different construction material distinct from the materials from which it was transformed.

Least developed country construction material means a construction material that-

(1) Is wholly the growth, product, or manufacture of a least developed country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a least developed country into a new and different construction material distinct from the materials from which it was transformed.

Manufactured construction material means any construction material that is not unmanufactured construction material.

Nondesignated country means a country other than the United States or a designated country.

Recovery Act designated country means any of the following countries:

(1) A World Trade Organization Government Procurement Agreement (WTO GPA) country (Armenia, Aruba, Australia, Austria, Belgium, Bulgaria, Canada, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hong Kong, Hungary, Iceland, Ireland, Israel, Italy, Japan, Korea (Republic of), Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Moldova, Montenegro, Netherlands, New Zealand, Norway, Poland, Portugal, Romania, Singapore, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Taiwan, Ukraine, or United Kingdom);

(2) A Free Trade Agreement country (FTA) (Australia, Bahrain, Chile, Colombia, Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Korea (Republic of), Mexico, Morocco, Nicaragua, Oman, Panama, Peru, or Singapore); or

(3) A least developed country (Afghanistan, Angola, Bangladesh, Benin, Bhutan, Burkina Faso, Burundi, Cambodia, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Djibouti, Equatorial Guinea, Eritrea, Ethiopia, Gambia, Guinea, Guinea-Bissau, Haiti, Kiribati, Laos, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mozambique, Nepal, Niger, Rwanda, Samoa, Sao Tome and Principe, Senegal, Sierra Leone, Solomon Islands, Somalia, South Sudan, Tanzania, Timor-Leste, Togo, Tuvalu, Uganda, Vanuatu, Yemen, or Zambia).

Recovery Act designated country construction material means a construction material that is a WTO GPA country construction material, an FTA country construction material, or a least developed country construction material.

Steel means an alloy that includes at least 50 percent iron, between 0.02 and 2 percent carbon, and may include other elements.

United States means the 50 States, the District of Columbia, and outlying areas.

Unmanufactured construction material means raw material brought to the construction site for incorporation into the building or work that has not been-

(1) Processed into a specific form and shape; or

(2) Combined with other raw material to create a material that has different properties than the properties of the individual raw materials.

WTO GPA country construction material means a construction material that-

(1) Is wholly the growth, product, or manufacture of a WTO GPA country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a WTO GPA country into a new and different construction material distinct from the materials from which it was transformed.

(b) *Construction materials.*

(1) The restrictions of section 1605 of the American Recovery and Reinvestment Act of 2009 (Pub. L. 111-5) (Recovery Act) do not apply to Recovery Act designated country manufactured construction material. The restrictions of the Buy American statute do not apply to designated country unmanufactured construction material. Consistent with U.S. obligations under international agreements, this clause implements-

(i) Section 1605 of the Recovery Act by requiring, unless an exception applies, that all manufactured construction material in the project is manufactured in the United States and, if the construction material consists wholly or predominantly of iron or steel, the iron or steel was produced in the United States (produced in the United States means that all manufacturing processes of the iron or steel must take place in the United States, except metallurgical processes involving refinement of steel additives); and.

(ii) The Buy American statute by providing a preference for unmanufactured construction material mined or produced in the United States over unmanufactured construction material mined or produced in a nondesignated country.

(2) The Contractor shall use only domestic construction material, Recovery Act designated country manufactured construction material, or designated country unmanufactured construction material in performing this contract, except as provided in paragraphs (b)(3) and (b)(4) of this clause.

(3) The requirement in paragraph (b)(2) of this clause does not apply to the construction materials or components listed by the Government as follows:

[Contracting Officer to list applicable excepted materials or indicate "none".]

(4) The Contracting Officer may add other construction material to the list in paragraph (b)(3) of this clause if the Government determines that-

(i) The cost of domestic construction material would be unreasonable;

(A) The cost of domestic manufactured construction material is unreasonable when the cumulative cost of such material, when compared to the cost of comparable foreign manufactured construction material, other than Recovery Act designated country construction material, will increase the overall cost of the contract by more than 25 percent;

(B) The cost of domestic unmanufactured construction material is unreasonable when the cost of such material exceeds the cost of comparable foreign unmanufactured construction material, other than designated country construction material, by more than 20 percent;

(ii) The construction material is not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality; or

(iii) The application of the restriction of section 1605 of the Recovery Act to a particular manufactured construction material would be inconsistent with the public interest or the application of the Buy American statute to a particular unmanufactured construction material would be impracticable or inconsistent with the public interest.

(c) *Request for determination of inapplicability of section 1605 of the Recovery Act or the Buy American statute*.

(1)

(i) Any Contractor request to use foreign construction material in accordance with paragraph (b)(4) of this clause shall include adequate information for Government evaluation of the request, including-

(A) A description of the foreign and domestic construction materials;

(B) Unit of measure;

(C) Quantity;

(D) Cost;

(E) Time of delivery or availability;

(F) Location of the construction project;

(G) Name and address of the proposed supplier; and

(H) A detailed justification of the reason for use of foreign construction materials cited in accordance with paragraph (b)(4) of this clause.

(ii) A request based on unreasonable cost shall include a reasonable survey of the market and a completed cost comparison table in the format in paragraph (d) of this clause.

(iii) The cost of construction material shall include all delivery costs to the construction site and any applicable duty.

(iv) Any Contractor request for a determination submitted after contract award shall explain why the Contractor could not reasonably foresee the need for such determination and could not have requested the determination before contract award. If the Contractor does not submit a satisfactory explanation, the Contracting Officer need not make a determination.

(2) If the Government determines after contract award that an exception to section 1605 of the Recovery Act or the Buy American statute applies and the Contracting Officer and the Contractor negotiate adequate consideration, the Contracting Officer will modify the contract to

allow use of the foreign construction material. However, when the basis for the exception is the unreasonable cost of a domestic construction material, adequate consideration is not less than the differential established in paragraph (b)(4)(i) of this clause.

(3) Unless the Government determines that an exception to section 1605 of the Recovery Act or the Buy American statute applies, use of foreign construction material other than manufactured construction material from a Recovery Act designated country or unmanufactured construction material from a designated country is noncompliant with the applicable statute.

(d) *Data*. To permit evaluation of requests under paragraph (c) of this clause based on unreasonable cost, the Contractor shall include the following information and any applicable supporting data based on the survey of suppliers:

Foreign (Nondesignated Country) and Domestic Construction Materials Cost Comparison

Construction Material Description	**Unit of Measure**	**Quantity**	**Cost (Dollars)***
Item 1:			
Foreign construction material	_____	_____	_____
Domestic construction material	_____	_____	_____
Item 2:			
Foreign construction material	_____	_____	_____
Domestic construction material	_____	_____	_____

[*List name, address, telephone number, and contact for suppliers surveyed. Attach copy of response; if oral, attach summary.*]

[*Include other applicable supporting information.*]

Construction Material Description	Unit of Measure	Quantity	Cost (Dollars)*

[* *Include all delivery costs to the construction site*.]

(End of clause)

Alternate I (Nov 2023) . As prescribed in 25.1102 (e), add the following definition of "Bahrainian, Mexican, or Omani construction material" to paragraph (a) of the basic clause, and substitute the following paragraphs (b)(1) and (b)(2) for paragraphs (b)(1) and (b)(2) of the basic clause:

Bahraini, Mexican, or Omani construction material means a construction material that-

(1)(1) Is wholly the growth, product, or manufacture of Bahrain, Mexico, or Oman; or

(2)(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in Bahrain, Mexico, or Oman into a new and different construction material distinct from the materials from which it was transformed.

(b) *Construction materials.* (1) The restrictions of section 1605 of the American Recovery and Reinvestment Act of 2009 (Pub. L. 111-5) (Recovery Act) do not apply to Recovery Act designated country manufactured construction material. The restrictions of the Buy American statute do not apply to designated country unmanufactured construction material. Consistent with U.S. obligations under international agreements, this clause implements-

(i) Section 1605 of the Recovery Act, by requiring, unless an exception applies, that all manufactured construction material in the project is manufactured in the United States and, if the construction material consists wholly or predominantly of iron or steel, the iron or steel was produced in the United States (produced in the United States means that all manufacturing processes of the iron or steel must take place in the United States, except metallurgical processes involving refinement of steel additives); and

(ii) The Buy American statute by providing a preference for unmanufactured construction material mined or produced in the United States over unmanufactured construction material mined or produced in a nondesignated country.

(2) The Contractor shall use only domestic construction material, Recovery Act designated country manufactured construction material, or designated country unmanufactured construction material, other than Bahraini, Mexican, or Omani construction material, in performing this contract, except as provided in paragraphs (b)(3) and (b)(4) of this clause.

II. THE FOLLOWING DEPARTMENT OF STATE ACQUISITION REGULATION (DOSAR) CLAUSE(S) IS/ARE SET FORTH 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 e-mail signature block that shows name, the office being supported and company affiliation (e.g., "John Smith, Office of Human Resources, ACME Corporation Support Contractor");

2) Clearly identify themselves and their contractor affiliation in meetings.

3) Identify their contractor affiliation in Departmental e-mail and phone listings whenever contractor personnel are included in those listings; and

4) Contractor personnel may not utilize Department of State logos or indicia on business cards.

(End of clause)

652.204-70 DEPARTMENT OF STATE PERSONAL IDENTIFICATION CARD ISSUANCE PROCEDURES (FEB 2015)

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

(b) The DOS Personal Identification Card Policy and Procedures may be accessed at

http://www.state.gov/m/ds/rls/rpt/c21664.htm.

(End of clause)

652.229-71 PERSONAL PROPERTY DISPOSITION AT POSTS ABROAD (AUG 1999)

Regulations at 22 CFR Part 136 require that U.S. Government employees and their families do not profit personally from sales or other transactions with persons who are not themselves entitled to exemption from import restrictions, duties, or taxes. Should the Contractor experience importation or tax privileges in a foreign country because of its contractual

relationship to the United States Government, the Contractor shall observe the requirements of 22 CFR Part 136 and all policies, rules, and procedures issued by the chief of mission in that foreign country.

(End of clause)

652.236-70 ADDITIONAL SAFETY MEASURES (OCT 2017)

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

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

(1) Scaffolding;

(2) Work at heights above 1.8 meters;

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

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

(5) Cranes and rigging;

(6) Welding or cutting and other hot work;

(7) Partial or total demolition of a structure;

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

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

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

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

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

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

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

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

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

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

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

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

(End of clause)

652.242-73 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.

(End of clause)

652.243-70 NOTICES (AUG 1999)

Any notice or request relating to this contract given by either party to the other shall be in writing. Said notice or request shall be mailed or delivered by hand to the other party at the address provided in the schedule of the contract. All modifications to the contract must be made in writing by the Contracting Officer.

(End of clause)

SECTION I - LIST OF ATTACHMENTS

ATTACHMENT NUMBER	DESCRIPTION OF ATTACHMENT	NUMBER OF PAGES
Attachment 1	RESERVED	1
Attachment 2	RESERVED	1
Attachment 3	Sample Bank Letter of Guaranty	1
Attachment 4	Breakdown of Price by Divisions of Specifications	1
Attachment 5	Drawings	1
Attachment 6	Specifications	17

SECTION J – INSTRUCTIONS ON HOW TO SUBMIT A QUOTATION

A. QUALIFICATIONS OF OFFERORS

Offerors/quoters must be technically qualified and financially responsible to perform the work described in this solicitation. At a minimum, each Offeror/Quoter must meet the following requirements:

(1) Be able to understand written and spoken English.

(2) Have an established business with a permanent address and telephone listing in Republic of Cyprus or the United States, or plans to establish an office within 30 days of contract award.

(3) The offeror shall provide proof of SAM registration to include the SAM UEI number

(4) Be able to demonstrate prior construction experience with suitable references.

(5) Have the necessary personnel, equipment and financial resources available to perform the work.

(6) Have all licenses and permits required by local law.

(7) Meet all local insurance requirements.

(8) Have the ability to obtain or to post adequate performance security, such as bonds, irrevocable letters of credit or guarantees issued by a reputable financial institution.

(9) Have no adverse criminal record; and

(10) Have no political or business affiliation which could be considered contrary to the interests of the United States.

B. SUBMISSION OF QUOTATIONS

This solicitation is for the performance of the construction services described in SCOPE OF WORK, and the Attachments which are a part of this request for quotation.

Each quotation must consist of the following:		
VOLUME	TITLE	NUMBER OF COPIES*
I	Standard Form 18 including a completed Attachment 4, "BREAKDOWN OF PROPOSAL PRICE BY DIVISIONS OF SPECIFICATIONS	1
II	Performance schedule in the form of a "bar chart" and Business Management/Technical Proposal	1

Submit the complete quotation to the address indicated. If mailed, on Standard Form 18, or if hand-delivered, use the address set forth below:

U.S. Embassy Nicosia
Metochiou and Ploutarchou Streets
2407, Engomi
Nicosia

The Offeror/Quoter shall identify and explain/justify any deviations, exceptions, or conditional assumptions taken with respect to any of the instructions or requirements of this request for quotation in the appropriate volume of the offer.

Volume II: Performance schedule and Business Management/Technical Proposal.

A. Performance Schedule and Business Management/Technical Proposal
   (1) Each offeror shall submit a performance schedule in the form of a "Gantt bar chart" indicating when the work's various phases will be commenced and completed, defining clearly the duration of each phase and of the entire project.
   (2) This Gantt chart shall be in sufficient detail to clearly show each segregated phase of work and its planned commencement and completion date.

B. Proposed Work Information
   (1) A list of the names, addresses, and telephone numbers of the offeror's owners, partners, and principal officers.
   (2) The name and address of the offeror's field superintendent for this project.
   (3) A list of the names, addresses, and telephone numbers of subcontractors and principal material suppliers to be used on the project, indicating what portions of the work they will perform.

C. Qualifications and Certifications:
   (1) Identify project team for Contractor, including resumes demonstrating history with similar projects of similar or greater magnitude and scope.
   (2) Contractor Certificates: Manufacturer's authorized representative 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. Provide factory-training certificates for Installers that correspond to work for this project.
   (3) Qualification for Engineers for DSP Software and Control Products: 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.
   (4) Be an authorized reseller of proposed equipment.
   (5) Must have the necessary permits and licenses to perform this type of work in US Embassy Nicosia Cyprus.
   (6) GSA Contract number if applicable.
   (7) Adherence to FAR 52.204-24 through 26 regarding covered telecommunications equipment (The National Defense Authorization Act of 2019 (Section 889)).
   (8) Adequate financial resources or the ability to obtain them.
   (9) Ability to comply with the required performance period, taking into consideration all existing commercial and governmental business commitments.
   (10) Satisfactory record of integrity and business ethics.
   (11) Necessary organization, experience, and skills or the ability to obtain them.
   (12) Necessary equipment and facilities or the ability to obtain them; and
   (13) Be otherwise qualified and eligible to receive an award under applicable laws and regulations

D. Experience and Past Performance
   (1) Identify three similar projects of the same or greater magnitude and scope within last five years. Include statement that Contractor was actively involved in those projects. Provide the following information for each contract and subcontract:
      a. Customer's name, address, and telephone numbers of customer's lead contract and technical personnel.
      b. Contract number and type.
      c. Date of the contract award, place(s) of performance, and completion dates.
      d. The contract value.
      e. A brief description of the work, including responsibilities.
      f. Any litigation currently in process or occurring within the last five years.

E. Product and Material Specifications
   (1) Each offeror shall provide description and specifications for each proposed material, product, or equipment.
   (2) The offeror must demonstrate in their project proposal that all materials, equipment, tools, and specifications adhere to the requirements of the SOW and associated contract documents.

(3) Each offeror shall provide manufacturers Product Data Sheets for all products indicated in SOW and attached drawings.

C. 52.236-27 SITE VISIT (CONSTRUCTION) (FEB 1995)

(a) The clauses at 52.236-2, Differing Site Conditions, and 52.236-3, Site Investigations and Conditions Affecting the Work, will be included in any contract awarded as a result of this solicitation. Accordingly, offerors or quoters are urged and expected to inspect the site where the work will be performed.

(b) A site visit has been scheduled for July 28, 2026 at 1330 hours.

(c) Participants will meet at U.S. Embassy Nicosia Metochiou & Ploutarchou Streets 2407 Engomi Nicosia. Prospective offerors/quoters should contact NicosiaContracting@state.gov for additional information or to arrange entry to the building.

D. MAGNITUDE OF CONSTRUCTION PROJECT

It is anticipated that the range in price of this contract will be: Between $25,000 and $100,000.00

E. LATE QUOTATIONS. Late quotations shall be handled in accordance with FAR.

F. 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 PROVISIONS ARE INCORPORATED BY REFERENCE (48 CFR CH. 1):

PROVISION	TITLE AND DATE
52.204-7	SYSTEM FOR AWARD MANAGEMENT (NOV 2024)
52.204-16	COMMERCIAL AND GOVERNMENT ENTITY CODE REPORTING (AUG 2020)

52.214-34	SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE (APR 1991)
52.215-1	INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (NOV 2021)
52.240-90	SECURITY PROHIBITIONS AND EXCLUSIONS REPRESENTATIONS AND CERTIFICATIONS (MAY 2026)

SECTION K - EVALUATION CRITERIA

Award will be made to the lowest priced, acceptable, responsible quoter. The Government reserves the right to reject quotations that are unreasonably low or high in price.

The Government will determine acceptability by assessing the offeror's compliance with the terms of the RFQ. The Government will determine responsibility by analyzing whether the apparent successful quoter complies with the requirements of FAR 9.1, including:

- 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
- otherwise, qualified, and eligible to receive an award under applicable laws and regulations.

SECTION L – REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS

L.1 52.204-3 TAXPAYER IDENTIFICATION (OCT 1998)

(a) Definitions.

"Common parent", as used in this provision, means that corporate entity that owns or controls an affiliated group of corporations that files its Federal income tax returns on a consolidated basis, and of which the offeror is a member.

"Taxpayer Identification Number (TIN)", as used in this provision, means the number required by the IRS to be used by the offeror in reporting income tax and other returns. The TIN may be either a Social Security Number or an Employer Identification Number.

(b) All offerors must submit the information required in paragraphs (d) through (f) of this provision in order to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325 (d), reporting requirements of 26 USC 6041, 6041A, and 6050M and implementing regulations issued by the Internal Revenue Service (IRS). If the resulting contract is subject to the reporting requirements described in FAR 4.904, the failure or refusal by the offeror to furnish the information may result in a 31 percent reduction of payments

(c) otherwise due under the contract.

(d) 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 (3l USC 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.

(e) 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 U.S. and does not have an office or place of business or a fiscal paying agent in the U.S.

☐ Offeror is an agency or instrumentality of a foreign government.

☐ Offeror is an agency or instrumentality of the Federal Government.

(e) Type of Organization.

☐ Sole Proprietorship.

☐ Partnership.

☐ Corporate Entity (not tax exempt).

☐ Corporate Entity (tax exempt).

☐ Government Entity (Federal, State, or local).

☐ Foreign Government.
☐ International organization per 26 CFR 1.6049-4.
☐ Other _____.

(f) Common Parent.
☐ Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this clause.
☐ Name and TIN of common parent:
Name _____
TIN_____

(End of provision)

L.2 52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (MAR 2026)

(a) (1) The North American Industry Classification System (NAICS) code for this acquisition is_____ *[insert NAICS code]*.
(2) The small business size standard is _____ *[insert size standard]*.
(3) The small business size standard for a concern that submits an offer, other than on a construction or service acquisition, but proposes to furnish an end item that it did not itself manufacture, process, or produce is 500 employees, or 150 employees for information technology value-added resellers under NAICS code 541519 if the acquisition—
(i) Is set aside for small business and has a value above the simplified acquisition threshold;
(ii) Uses the HUBZone price evaluation preference regardless of dollar value, unless the offeror waives the price evaluation preference; or
(iii) Is an 8(a), HUBZone, service-disabled veteran-owned, economically disadvantaged women-owned, or women-owned small business set-aside or sole-source award regardless of dollar value.

(b) (1) If the provision at 52.204-7, System for Award Management, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the provision at 52.204-7, System for Award Management, is not included in this solicitation, and the Offeror has an active registration in the System for Award Management (SAM), the Offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certifications in the solicitation.
The Offeror shall indicate which option applies by checking one of the following boxes:

(i) □ Paragraph (d) applies.
(ii) □ Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(c) (1) The following representations or certifications in SAM are applicable to this solicitation as indicated:

(i) 52.203-2, Certificate of Independent Price Determination. This provision applies

to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless–

(A) The acquisition is to be made under the simplified acquisition procedures in part 13;
(B) The solicitation is a request for technical proposals under two-step sealed bidding procedures; or
(C) The solicitation is for utility services for which rates are set by law or regulation.

(ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed $150,000.
(iii) 52.203-18, Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements or Statements-Representation. This provision applies to all solicitations.
(iv) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the provision at 52.204-7, System for Award Management.

(v) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that-

(A) Are not set aside for small business concerns;
(B) Exceed the simplified acquisition threshold; and
(C) Are for contracts that will be performed in the United States or its outlying areas.

(vi) 52.204-26, Covered Telecommunications Equipment or Services-Representation. This provision applies to all solicitations.
(vii) 52.209-2, Prohibition on Contracting with Inverted Domestic Corporations-Representation.
(viii) 52.209-5, Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.
(ix) 52.209-11, Representation by Corporations Regarding Delinquent Tax Liability or a Felony Conviction under any Federal Law. This provision applies to all solicitations.
(x) 52.214-14, Place of Performance-Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.
(xi) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.

(xii) 52.219-1, Small Business Program Representations (Basic, Alternates I, and II). This provision applies to solicitations when the contract is for supplies to be delivered or services to be performed in the United States or its outlying areas, or when the contracting officer has applied part 19 in accordance with 19.000(b)(1)(ii).

(A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.
(B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.
(C) The provision with its Alternate II applies to solicitations that will result in a multiple-award

contract with more than one NAICS code assigned.

(xiii) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract is for supplies to be delivered or services to be performed in the United States or its outlying areas, or when the contracting officer has applied part 19 in accordance with 19.000(b)(1)(ii).
(xiv) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.
(xv) 52.222-25, Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at 52.222-26, Equal Opportunity.
(xvi) 52.222-38, Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial products or commercial services.
(xvii) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of biobased products in USDA-designated product categories; or include the clause at 52.223-2, Reporting of Biobased Products Under Service and Construction Contracts.
(xviii) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA–designated items.
(xix) 52.223-22, Public Disclosure of Greenhouse Gas Emissions and Reduction Goals-Representation. This provision applies to solicitations that include the provision at 52.204-7.
(xx) 52.225-2, Buy American Certificate. This provision applies to solicitations containing the clause at 52.225-1.
(xxi) 52.225-4, Buy American-Free Trade Agreements-Israeli Trade Act Certificate. (Basic, Alternates II and III.) This provision applies to solicitations containing the clause at 52.225-3.

(A) If the acquisition value is less than $50,000, the basic provision applies.
(B) If the acquisition value is $50,000 or more but is less than $100,000, the provision with its Alternate II applies.
(C) If the acquisition value is $100,000 or more but is less than $102,280, the provision with its Alternate III applies.

(xxii) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.
(xxiii) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan-Certification. This provision applies to all solicitations.
(xxiv) 52.225-25, Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran-Representation and Certifications. This provision applies to all solicitations.
(xxv) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions.

(2) The following representations or certifications are applicable as indicated by the Contracting Officer:
[*Contracting Officer check as appropriate.*]
__ (i) 52.204-17, Ownership or Control of Offeror.
__ (ii) 52.204-20, Predecessor of Offeror.
__ (iii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.
__ (iv) 52.222-48, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment- Certification.
__ (v) 52.222-52, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services-Certification.
__ (vi) 52.227-6, Royalty Information.
__ (A) Basic.
__ (B) Alternate I.
__ (vii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.
(d) The offeror has completed the annual representations and certifications electronically in SAM website accessed through https://www.sam.gov. After reviewing the SAM information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [*offeror to insert changes, identifying change by clause number, title, date*]. 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.

FAR Clause # Title Date Change

_____

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 on SAM.

(End of provision)

Alternate I (Mar 2023). As prescribed in 4.1202(a) , substitute the following paragraph (a) for paragraph (a) of the basic provision:
(a)(1) The North American Industry Classification System (NAICS) codes and corresponding size standards for this acquisition are as follows; the categories or portions these NAICS codes are assigned to are specified elsewhere in the solicitation:

NAICS Code	**Size standard**
_____	_____

NAICS Code	Size standard
_____	_____
_____	_____

[*Contracting Officer to insert NAICS codes and size standards*].
(2) The small business size standard for a concern that submits an offer, other than on a construction or service acquisition, but proposes to furnish an end item that it did not itself manufacture, process, or produce, (i.e., nonmanufacturer), is 500 employees, or 150 employees for information technology value-added resellers under NAICS code 541519, if the acquisition—
(i) Is set aside for small business and has a value above the simplified acquisition threshold;
(ii) Uses the HUBZone price evaluation preference regardless of dollar value, unless the offeror waives the price evaluation preference; or
(iii) Is an 8(a), HUBZone, service-disabled veteran-owned, economically disadvantaged women-owned, or women-owned small business set-aside or sole-source award regardless of dollar value.

L.3. 52.204–24 REPRESENTATION REGARDING CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT (NOV 2021)

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 Products or Commercial Services. The Offeror shall not complete the representation in paragraph (d)(2) of this provision if the Offeror has represented that it "does not use covered telecommunications equipment or services, or any equipment, system, or service that uses covered telecommunications equipment or services" in paragraph (c)(2) of the provision at 52.204-26, or in paragraph (v)(2)(ii) of the provision at 52.212-3.

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

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

(b) *Prohibition.*

(1) Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a

substantial or essential component of any system, or as critical technology as part of any system. Nothing in the prohibition shall be construed to—

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

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

(2) Section 889(a)(1)(B) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2020, from entering into a contract or extending or renewing a contract with an entity that uses any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. This prohibition applies to the use of covered telecommunications equipment or services, regardless of whether that use is in performance of work under a Federal contract. Nothing in the prohibition shall be construed to—

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

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

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

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

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

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

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

(e) *Disclosures.*

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

(i) For covered equipment—

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

(B) A description of all covered telecommunications equipment offered (include

brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); and

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

(ii) For covered services—

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

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

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

(i) For covered equipment—

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

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

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

(ii) For covered services—

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

(B) If not associated with maintenance, the PSC of the service being provided; and explanation of the proposed use of covered telecommunications services and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(2) of this provision.

(End of provision)

L.4. 52.204-26 COVERED TELECOMMUNICATIONS EQUIPMENT OR SERVICES-REPRESENTATION (OCT 2020)

(a) *Definitions.* As used in this provision, “covered telecommunications equipment or services” and “reasonable inquiry” have the meaning provided in the clause 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.
(b) *Procedures.* The Offeror shall review the list of excluded parties in the System for Award

Management (SAM) (*https://www.sam.gov*) for entities excluded from receiving federal awards for "covered telecommunications equipment or services".
(c) *Representations.* (1) The Offeror represents that it [ ] does, [ ] does not provide covered telecommunications equipment or services as a part of its offered products or services to the Government in the performance of any contract, subcontract, or other contractual instrument.
(2) After conducting a reasonable inquiry for purposes of this representation, the Offeror represents that it [ ] does, [ ] does not use covered telecommunications equipment or services, or any equipment, system, or service that uses covered telecommunications equipment or services.

(End of Provision)

L.5. 52.209-2 PROHIBITION ON CONTRACTING WITH INVERTED DOMESTIC CORPORATIONS' REPRESENTATION (NOV 2015)

(a) Definitions. "Inverted domestic corporation" and "subsidiary" have the meaning given in the clause of this contract entitled Prohibition on Contracting with Inverted Domestic Corporations (52.209-10).

(b) 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.

(c) Representation. The Offeror represents that.

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

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

(End of provision)

L.6 AUTHORIZED CONTRACTOR ADMINISTRATOR

If the offeror does not fill-in the blanks below, the official who signed the offer will be deemed to be the offeror's representative for Contract Administration, which includes all matters pertaining to payments.

Name:
Telephone Number:
Address:

L.7. 52.225-20 PROHIBITION ON CONDUCTING RESTRICTED BUSINESS

OPERATIONS IN SUDAN – CERTIFICATION (AUG 2009)

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

"Business operations" means engaging in commerce in any form, including by acquiring, developing, maintaining, owning, selling, possessing, leasing, or operating equipment, facilities, personnel, products, services, personal property, real property, or any other apparatus of business or commerce.

"Marginalized populations of Sudan" means—

(1) Adversely affected groups in regions authorized to receive assistance under section 8(c) of the Darfur Peace and Accountability Act (Pub. L. 109-344) (50 U.S.C. 1701 note); and

(2) Marginalized areas in Northern Sudan described in section 4(9) of such Act.

"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 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.

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

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

ATTACHMENT #1

RESERVED

ATTACHMENT #2

RESERVED

ATTACHMENT #3 - SAMPLE LETTER OF BANK GUARANTY

Place [ ]
Date [ ]

Contracting Officer
U.S. Embassy, **[*Note to CO: insert Post name*]**
[*Note to CO: insert mailing address*]

Letter of Guaranty No. _____

SUBJECT: Performance and Guaranty

The Undersigned, acting as the duly authorized representative of the bank, declares that the bank hereby guarantees to make payment to the Contracting Officer by check made payable to the Treasurer of the United States, immediately upon notice, after receipt of a simple written request from the Contracting Officer, immediately and entirely without any need for the Contracting Officer to protest or take any legal action or obtain the prior consent of the Contractor to show any other proof, action, or decision by an other authority, up to the sum of **[*amount equal to 20% of the contract price in U.S. dollars during the period ending with the date of final acceptance and 10% of the contract price during contract guaranty period*]**, which represents the deposit required of the Contractor to guarantee fulfillment of his obligations for the satisfactory, complete, and timely performance of the said contract **[*contract number*]** for **[*description of work*]** at **[*location of work*]** in strict compliance with the terms, conditions and specifications of said contract, entered into between the Government and **[*name of contractor*]** of **[*address of contractor*]** on **[*contract date*]**, plus legal charges of 10% per annum on the amount called due, calculated on the sixth day following receipt of the Contracting Officer's written request until the date of payment.

The undersigned agrees and consents that said contract may be modified by Change Order or Supplemental Agreement affecting the validity of the guaranty provided, however, that the amount of this guaranty shall remain unchanged.

The undersigned agrees and consents that the Contracting Officer may make repeated partial demands on the guaranty up to the total amount of this guaranty, and the bank will promptly honor each individual demand.

This letter of guaranty shall remain in effect until 3 months after completion of the guaranty period of Contract requirement.

Depository Institution: **[*name*]**
Address: _____
Representatives: Location: _____
_____ State of Inc.: _____
_____ Corporate Seal:
_____

Certificate of Authority is attached evidencing authority of the signer to bind the bank to this document.

ATTACHMENT #4 - UNITED STATES DEPARTMENT OF STATE
BREAKDOWN OF PRICE BY DIVISIONS OF SPECIFICATIONS

(1) Division/Description	(2) Labor	(3) Materials	(4) Overhead	(5) Profit	(6) Total
1. General Requirements/ Mobilization					
2. Site Work					
3. Concrete					
4. Masonry					
5. Metals					
6. Wood and Plastic					
7. Thermal and Moisture					
8. Doors and Windows					
9. Finishes					
10. Specialties					
11. Equipment					
12. Furnishings					
13. Special Construction					
14. Conveying Systems					
15. Mechanical					
16. Electrical					
TOTAL:					

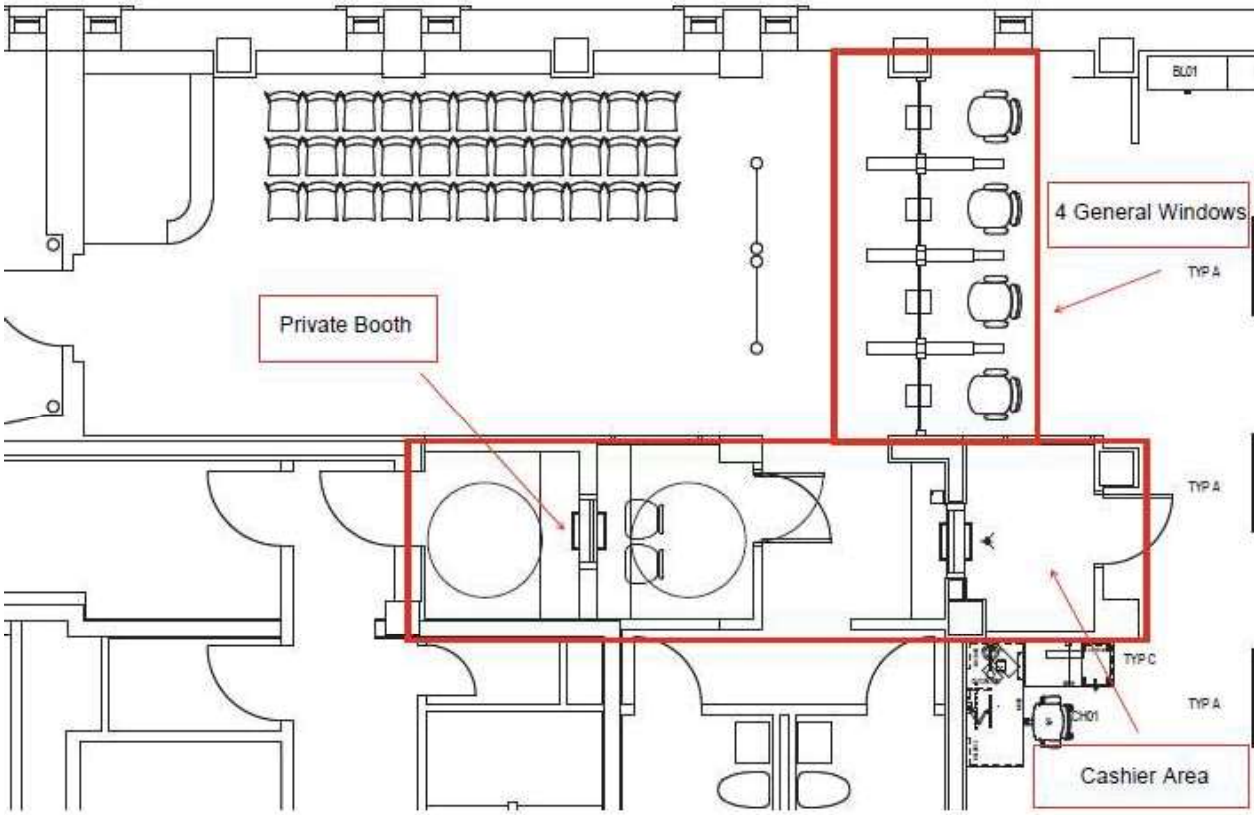
Allowance Items: Euro

PROPOSAL PRICE TOTAL: Euro

Alternates (list separately; do not total):

Offeror: _____ ***Date*** _____

ATTACHMENT #5 – DRAWINGS



ATTACHMENT #6 - SPECIFICATIONS

Refer to OBO design standards for 2024 as per attachment.

SECTION 275105 – AUDIO SYSTEMS FOR CONSULAR SERVICES

PART 1 - GENERAL

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. Section 270526 “Grounding and Bonding for Communications Systems.”
3. Section 275124 “General-Use Teller Window Intercommunications Systems” for teller window intercommunications at locations not associated with Consular Waiting Area. Those intercoms are not related to the work of this Section.
4. Section 275405 “Consular Queue Management System Infrastructure and Displays” for interfacing queue management system.
5. Other Division 26 and Division 27 sections for conduits, wire ways, connection boxes, pull boxes, junction boxes, electrical breaker panels required to power audiovisual systems, and outlet boxes permanently installed in walls, floors, and ceilings.

1.2 REFERENCE STANDARDS

A. See Section 270508 “Common Work Results for Telecommunications” for commonly applicable telecommunications reference standards.

1. Each Division 27 Section may include citations to these references identified Section 270508.
2. In addition, each Division 27 Section may include citations to other reference standards not listed in Section 270508.

B. American National Standards Institute/ Audiovisual and Integrated Experience Association (ANSI/AVIXA (formerly INFOCOMM)):

1. ANSI/AVIXA: A102.1:2022 "Measurement and Classification of Audio Coverage Uniformity in Listener Areas"
2. ANSI/AVIXA: D104.01:2023 "Documentation Requirements for Audiovisual Systems"

1.3 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 Digital signal 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. DSP shall include masking sound generator and filter set to allow producing and adjusting masking sound on Applicant side of Teller window as specified in this Section.
2. Audio speaker for teller side: Provide in-wall speaker or recessed-ceiling-mounted speaker as indicated on Drawings.
3. Audio speaker for applicant side: Provide in-wall speakers within each side wall or recessed ceiling-mounted speaker, as indicated on Drawings.
4. Teller Microphone: Provide 457 mm (18”) gooseneck tabletop microphone. Provide base with mute button for microphone and headset plug-in jack; coordinate with control panel.
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 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/AVIXA: A102.1:2022 "Measurement and Classification of Audio Coverage Uniformity in Listener Areas."
8. Produce volume-controlled masking sound through speakers on Applicant side.
9. Connections and Configurations:

    a. Provide connections and configuration to facilitate connection of headset by teller at A/V control panel. These connections shall be wired in standard fashion to facilitate use of commercial off-the-shelf (COTS) 4 or 5 pin XLR headphones with microphone boom.
    b. To facilitate paging announcements from queuing system processor, provide audio interface with consular queuing system; see Section 275405 “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. A/V Control Panel: Provide paging and muting control, with limited volume, for teller via A/V control panel. Control functions shall include the following:

1) Display number of window being controlled.
2) Provide "Officer Microphone" volume control. This controls volume and muting of teller's speech being heard by applicant. Provide indicator that displays relative position of volume. Limit range to prevent excessive loudness and feedback.
3) Provide "Applicant Microphone" volume control. This controls volume and muting of teller's speech being heard by applicant. Provide indicator that displays relative position of volume. Limit range to prevent excessive loudness and feedback.
4) Provide "Mute" button on teller microphones. When this button is pushed, only the officer microphone is muted. When button is pushed again, microphone shall become operational again. Include visible indicator on teller microphone of mute status.
5) Provide "Mute" button on applicant microphones. When this button is pushed, only the applicant microphone is muted. When button is pushed again, microphone shall become operational again. Include visible indicator on teller microphone of mute status.
6) Provide "Mute All" button on A/V control panel and/or on microphone base unit. When this button is pushed, officer and applicant microphones shall be muted.
7) Provide "Paging Waiting Room" button. When this button is pushed, officer's microphone shall be routed the speakers in the waiting area for public announcements. The button should indicate that paging at this window is active. Control system should only allow for paging from one window at a time.
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/CBT, and labeling nomenclature shall be provided for zones.

D. Network:

1. Device control and digital audio networks (see the Part 2 Article on DIGITAL AUDIO NETWORK COMPONENTS) 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 OBO/PDCS/DE/EE/CBT.
3. Digital audio networks shall link each audio processor frames to facilitate paging functions and interconnectivity.
4. Provide network switched to support digital audio network device connections.

1.4 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.
2. System design shall conform to ANSI/AVIXA: D104.01:2023 "Documentation Requirements for Audiovisual Systems."

B. Audio Performance Characteristics:

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

C. Audio Intelligibility:

1. 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.”
2. 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.
3. 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.

F. Dante audio

1. UDP PTPv1

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.]

1.5 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 275405 "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 set of remote touch panel layouts, and brief functional description of programming depicting each button and it's description and function
4. All equipment modifications.
5. Cabling run sheets and field wiring details.
6. Wire specifications and assignment by use.
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 A/V 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 A/V 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 A/V equipment rack door.

5. Un-complied DSP, Control processor and control touch panel code files
6. Hardware log in information (Admin passwords)

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 A/V 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.

1.6 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.

1.7 QUALITY ASSURANCE

A. Delegated Design Responsibility: Contractor shall retain Manufacturer's authorized representative. Representative shall possess the following qualifications:

1. Be trained and approved for design and installation of systems required for this Project.
2. Be Certified Technology Specialists (CTS-D).
3. Have minimum 10 years industry experience with design of similar systems with complex performance requirements.
4. Be acceptable to the Project Director/COR to perform responsibilities of Delegated Design for this Work.

B. 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 10 years industry experience.

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

D. Independent Testing Agency Qualifications: Testing agency that is member company of InterNational Electrical Testing Association (NETA), and that is acceptable to Project Director/COR based upon input from OBO/PDCS/DE/EE.

1. Testing Agency's Field Supervisor: Person currently certified by NETA or National Institute for Certification in Engineering Technologies (NICET) to supervise on-site testing specified in this Section.

E. Comply with the OBO Electrical Code; see Section 270508 "Common Work Results for Telecommunications."

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

1.8 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.

1.9 COORDINATION

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

1.10 MAINTENANCE SERVICE

A. Commencing at the contract's Substantial Completion date for a period of one calendar year provide system maintenance service based on manufacturer's recommended daily, weekly, monthly, quarterly, semi-annual, and annual maintenance activities. In addition to the initial year of maintenance service, provide a proposal for a renewable option year. The option year proposal shall be submitted 60 days prior to the end of the initial maintenance contract period.

B. Maintenance service shall be performed by Consular A/V Installer, and shall inclusive of:

1. Telephone Assistance: Consular A/V 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 A/V 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 A/V 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. Consular A/V Installer shall provide two scheduled service visits to inspect, maintain, and adjust systems during each year of service. First visit shall occur approximately six months after installation, and subsequent visits shall occur near end of each six month period of the service.

   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 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. Consular Side 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
d. Biamp
e. QSC

2. Speakers may be either recessed ceiling or surface mounted depending on ceiling architecture at the interview window.

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. QSC
e. Biamp
f. Radio Design Labs (RDL)

D. Audio Amplifier: Provide amplification for speakers at each teller window.

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
b. QSC

E. Teller 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. Audiotechnica
b. Clock Audio
c. Shure

F. Applicant 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. Audix
c. Clock Audio (CU-C012-RF-CP series)

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. Waiting Area Speakers:

1. 70 V speaker distribution with volume control over entire coverage area on each speaker.

I. Teller headset:

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. Shure
b. Audio-Technica

2.3 REMOTE CONTROL SYSTEMS

A. A/V 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. Biamp

2.4 DIGITAL AUDIO NETWORK COMPONENTS

A. Provide network connections: AVB, Dante, or approved equal.

B. Provide network switches to support digital audio network 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 7: West Penn 254245 Category 6.

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): XLR or RJ45 type.
2. Audio (headset): XLR type
3. Network: RJ45 (8P8C) 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. Teller/Applicant Speakers: Refer to Drawings for mounting type.

1. Ceiling-Mounted Speakers: Speakers shall be ceiling-recessed. Center ceiling-mounted speakers over teller and applicant, as applicable.
2. Wall-Mounted Speakers: Place at or above height of teller window assembly, as indicated on Drawings. Provide adjustable mount to facilitate satisfying audio performance requirements. Refer to Drawings as to whether speakers are recessed or surface mounted.

D. 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 COR and OBO/PDCS/DE/EE/CBT on available programming options. Record COR's decisions and set up initial system program. Prepare a written record of decisions, implementation methodology, and final results.

1. Create a functional and intuitive GUI (Graphic User Interface) tailored to the specific needs and requirements of the project.
2. Incorporate key features as defined in the project specifications.
3. Provide a beta version of the GUI for review by the PD/COR with input from OBO/PDCS/DE/EE/CBT.
4. Make all necessary GUI revision based on feedback received by Post and OBO/PDCS/DE EE/CBT.
5. Submit the revised GUI for the final approval to Post and OBO/PDCS/DE/EE/CBT.
6. Ensure all issues or concerns raised during the review are addressed prior to the deployment.

3.4 IDENTIFICATION AND INSTRUCTIONS

A. Associated A/V 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 A/V 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 shall consist of the following:

    a. Testing Standards: International Standard IEC 60268-16, as identified in Article on SYSTEM PERFORMANCE REQUIREMENTS.
    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. Prior to commencing testing, Contractor shall perform physical inventory of installed equipment and components on site to confirm sufficient presence of items necessary to obtain acceptable test results.
    e. Consular A/V 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 A/V 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 shall 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) Test and adjust, as necessary, masking sound spectrum and levels at Teller window Applicant side at position of Applicant 1.5M (5 feet) above finished floor. Submit report of final spectrum and overall levels at each window and compare with levels required in the Part 1 Article on SYSTEM PERFORMANCE REQUIREMENTS.

7) Delineation of above signal paths does not exempt Contractor from responsibility of checking all paths and outlets for appropriate compliance with the Part 1 Article on SYSTEM PERFORMANCE REQUIREMENTS during prior Contractor System Checkout.
8) 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.
4) Masking sound adjustment.

c. Miscellaneous:

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. Comply with Division 01 Section 017905 "Demonstration and Training" for general requirement of demonstration and training documents.

B. A manufacturer's representative or system-certified instructor shall provide "hands-on" training sessions to individuals identified by Project Director/COR. 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 275405 "Consular Queue Management System Infrastructure and Displays."

1. System User Training:

a. Training Sessions:

1) On-site classroom instruction of 1-hour duration per session, with each session training tellers serving 10 windows. The number of class sessions shall be one for each 10 teller windows.
2) On-site field demonstration sessions of the same individuals that participated in classroom 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; classroom 2 hours and Field Demonstration 6 hours. The session shall include 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.

END OF SECTION 275105