STATEMENT OF WORK

Installation of Closed-Circuit Television (CCTV)
United States Residential Compound, Abuja Nigeria

1.0 General Information

1.1 This statement of work (SOW) is for the replacement of a Closed-Circuit Television (CCTV) at United States Embassy Residential compound (CMR) located at #14, Star Lake Close, off Komoe Street, Maitama district, Abuja. This project requires the services of an experienced company to execute the job as per the contract requirements.

2.0 General Requirements

2.1 The cost proposal submitted for this statement of work (SOW) shall include the cost for all engineering and supervision, labor, material, tools, equipment, and mobilization, include a description of the work to be completed, and a proposed schedule indicating the duration of the project in order to furnish, install and complete the work in accordance with the SOW.

2.2 The Contractor shall be responsible for all required materials, equipment and personnel to manage, administer, and supervise the project. The embassy will be furnishing the needed utilities for this contract's performance which will include and be restricted to water and electricity as is necessary. All workmanship shall be performed in accordance with the standards and regulations as determined by the COR.

2.3 The Contractor is responsible for verifying all dimensions, material quantities and existing conditions prior to submitting a quote and during the project. All conditions encountered that would require a potential change to the contract must be reported to COR for evaluation, consideration and approval for contract modification. Contractor shall not perform any work other than stated in the scope of work unless written approval is provided by the COR. The Contractor shall carry out the work as per the site condition encountered during the pre-walkthrough inspections and measurements taken during site visits.

2.4 The work is to comply with needed local or U.S codes whichever is more stringent for architectural, civil and structural works, American Society for Testing and Materials (ASTM) and relevant codes and instructions issued by the United States Government (USG) representative designated as Contracting Officer's Representative (COR).

2.5 The Contractor shall submit an advance access request at least **48 hours** in advance for its personnel, materials, equipment and vehicle for USG approval. All contractors' personnel are required to have photo IDs to access the USG compound.

2.6 The Contractor shall schedule all work under this project during normal Embassy business hours which are defined as **9:00am to 4:00pm Monday to Thursday and 8:30 am to 1:00 pm on Friday,** excluding local holidays, unless different workdays or hours are approved in advance. A minimum of **48 hours** prior notice for approval will be required from the contractor for the extra work hours/days

2.7 The Contractor must abide by all applicable safety requirements of the USG such as the Occupational Safety and Health Administration (OSHA) codes and regulations and/or local safety guidelines and comply with whichever is more stringent. All personal safety equipment required for the job such as safety helmet, gloves, shoes, jackets, belt etc. and any other safety related items as required shall be provided by the Contractor to its sub-contractors/employees/workers. The Contractor shall put-up necessary safety related signs, barricade, safety nets/covers etc. as necessary for safe and sound execution of its performance under the subject contract. The USG is not liable for injuries or the provision of required safety equipment. USG reserves the right to stop work if relevant safety standards are observed to be violated.

2.8 The contractor shall coordinate the work schedule and access to the work areas with the COR. The contractor shall ensure work areas are cleaned up, and debris disposed of properly at the end of each workday. Upon completion of the work, the area must be returned to a clean condition with no evidence of dust or paint stains. All damaged and disturbed surfaces are to be restored to their original or met conditions.

2.9 The Contractor shall furnish bins, or other disposal means for the disposal of wastes generated from this project. USG waste bins are not to be used. No equipment or material shall be stored on the work site without specific permission from the COR.

2.10 The Contractor shall be responsible for the professional quality, technical accuracy, and the coordination of all construction and other services furnished under this contract. The Contractor shall, without additional compensation, correct or revise any errors or deficiencies in its construction and other services.

2.11 The Contractor shall identify a Project Site Manager who shall be responsible for the overall management of the project and shall represent the Contractor on the site during construction. The Project Site Manager shall be approved by the COR.

2.12 The Contractor shall examine all the documents and visit the site to fully inform themselves of all the conditions and limitations applied to the work and submit a firm fixed price cost proposal for all the work. No subsequent cost allowance will be made

to the Contractor for neglect of the existing conditions, and no progress payment will be entertained under this contract.

2.13 Provide evidence of past performances or experience to show that the Contractor's company and all personnel are experienced in works similar to type and scope required for the work.

2.14 No construction shall begin until approval of the Pre-Construction Submittals is accepted by the COR. Requests for approval should be sent to the COR in the appropriate form as a Shop Drawing/Material Approval Request

2.15 The approval of the drawings and/or materials by the COR shall not be construed as a complete check but will indicate only that the general method of construction and detailing is satisfactory. Approval of such drawings and/or materials will not relieve the Contractor of responsibility for any error which may exist as the Contractor shall be responsible for the dimensions, design, quality, adequate connections, details and satisfactory construction of all work.

2.16 All materials and equipment incorporated into the project shall be new. The Contractor shall transport and safeguard all materials and equipment required for construction.

2.17 The Contractor will be provided with a storage and staging area as determined by the COR. The Contractor shall be responsible for repair of any damage incurred to buildings or pavement as a result of storage activities. The Contractor is responsible for obtaining any additional off compound storage areas as required.

2.18 The Contractor shall be responsible for connection of temporary utilities to existing utilities including water and power lines. All temporary connections to local water and power lines shall be coordinated with the COR.

2.19 The Contractor shall have limited access to or be admitted into any structure outside the areas designated for the project except with permission by the Embassy. The Contractor shall address the impact of the consequent disruption and provide for a continuing level of operation for continuous occupation of the residence during construction.

2.20 The Embassy does not make representations or warranties of any nature, either expressed or implied, as to the quality, level of completion, accuracy, extent of compliance with the standards, codes and requirements described or referred to in this SOW, or the extent of coordination between or among the documents provided to the Contractor.

2.21 If any of the Contractor's services do not conform to the contract requirements, the COR may require the Contractor to perform the services again in conformity with the requirements as identified in this SOW. If work is not deemed satisfactory, the Embassy shall by contract or otherwise, perform the services and charge the contractor any cost incurred that is directly related to the performance of such service or terminate the contract for default. The Embassy has the right to terminate this contract of convenience at any time in whole, or from time to time, if the Contracting Officer determines it is in the interest of the Embassy.

2.22 The Contractor must ensure that all materials to be used are in conformance with the approved product/materials samples. Submittals of samples, Material Safety Data Sheet (MSDS) and Product Data (PD) for all materials input to the project execution must be preapproved by the COR unless otherwise noted.

2.23 The Contractor shall submit a copy of a Contractor's Installation Guarantee covering the work, labor and equipment for a period of one [1] year at no cost to the Embassy signed by the Contractor.

2.24 The Contractor shall prepare and submit a Quality Control Schedule [QCS] and Project Safety Plan [PSP] to address the project. The QCS shall document the entire project from beginning to end.

3.0 Project Requirements

The Contractor shall provide all supervision, labor, tools, equipment, and materials to safely perform the following work items:

3.1 The Contractor shall install 24 or less (actual number of the cameras will be determined during the site visit) Camera 4K Camera POE IP Surveillance System with 164 Foot Night Vision / model:SV32IPBV8-N, with the following accessories:

- 4K IP Motorized NVR System with 16 Bullet IR Cameras / 16IPBV8-B-N. (2 bundles)

  https://www.cctvsecuritypros.com/complete-systems/ip-camera-systems/4k-ip-camera-motorized-system-16ipbv8-n/

- POE Extender - EXTEND Your Data Wire an Additional 328 Feet per Extender - Model: CSP-POEX: Qty – 15

- Power Over Ethernet Injector: Model: CSP-POEINJECTOR - Qty – 3
- 16 Port POE Switch - Model: SV-8POE96W: - Qty – 8.

- Redundant Power Supply for SV-NVR128-N / SV-NVR64-N - Model: PWR-300A-IN

3.2 The Contractor shall install 2KVA inverter to serve as uninterruptible power supply (UPS).

3.3 The contractor shall install 2nos. of Samsung M8 Series 43-inch 4k UHD Smart Monitor & Streaming Tv with Webcam – Netflix at the gate house.

3.4 The Contractor shall remove the existing cable and introduce optic fiber cable for the cameras.

3.5 The contractor shall fabricate poles and concrete bases. Sleeves provision for cables penetration are to be made in the concrete base using 1" dia pvc conduit on two opposite sides of the base and stubbing out.

3.6 Lighting arrester should be installed on any camera installed on galvanized metal pole and firmly earthed

3.7 The contractor shall fabricate Galvanize poles of 75mm diameter and 5m high with T-arm for proper monitoring of the perimeter walls. Actual number of poles will be determined during the site visit.

3.8 The contractor shall run additional GALVANIZED STEEL PIPES for the power line.

3.9 The contractor shall create a 34TB memory bank for recording and storing capabilities.

3.10 The contractor shall take note of the following:

- Use high quality UTP and RJ45 connectors
- Use patch panel to isolate installed UTP cables from DVR equipment rack
- Use equipment rack to accommodate NVR and UPS for CCTV installation
- Use separate power supply for cameras that are 100m (350feet) away from NVR
- Provide patch cables to link patch panels to NVR equipment
- Provide active balun or video boaster where necessary to get good quality video signal
- Use video surge protector at the NVR equipment end.

4.0 Project Completion

4.1 The Contractor shall commence work under this contract promptly, execute the work diligently, and achieve final completion and acceptance including final cleanup of the premises within **1 month** of contract award. USG reserved the right to adjust the schedule and/or phasing plan of the contractor as convenient for its operation.

5.0 Preliminary and Final Acceptance

5.1 The Contractor shall commence work under this contract promptly, execute the work diligently, and achieve final completion and acceptance including final cleanup of the premises within the period specified.

5.2 After completing the installation works, the Contractor shall provide notice to the COR in writing stating that the job is complete in all respects and ready for preliminary acceptance

5.3 The job shall be jointly inspected visually by representatives of Contractor and the United States Government (USG). All observed defects and omissions as per the SOW, workmanships and specifications shall be noted down and provided to the contractor for correction.

5.4 The Contractor shall make good all defects, deficiencies and omissions noted down during preliminary acceptance and shall inform in advance the USG representatives for conducting inspection for final acceptance.

5.5 Final acceptance shall be communicated in writing through the contract COR to the Contractor. Work discovered to be deficient resulting in detachment, deformation, disconnection, workmanship, or settlement will be documented and the contractor will correct as a warranty issue upon notification by the COR during the warranty period.