

TABLE OF CONTENTS
SOLICITATION 19PM0720Q0127
CMR - LANDSCAPING AND WATER INSTALLATION

- A. PRICE
- B. SCOPE OF WORK
- C. PACKAGING AND MARKING
- D. INSPECTION AND ACCEPTANCE
- E. DELIVERIES OR PERFORMANCE
- F. ADMINISTRATIVE DATA
- G. SPECIAL REQUIREMENTS
- H. CLAUSES
- I. LIST OF ATTACHMENTS
- J. QUOTATION INFORMATION
- K. EVALUATION CRITERIA
- L. REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS OR QUOTERS

ATTACHMENTS:

- ATTACHMENT #1: CMR – LANDSCAPING AND WATER INSTALLATION - SOW
- ATTACHMENT #2: CMR – LANDSCAPING AND WATER INSTALLATION – DRAWINGS
- ATTACHMENT #3 - BREAKDOWN OF PRICE BY DIVISIONS OF SPECIFICATIONS

REQUEST FOR QUOTATIONS - CONSTRUCTION

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. The Offeror shall include Defense Base Act (DBA) insurance premium costs covering employees. The offeror may obtain DBA insurance directly from any Department of Labor approved providers at the DOL website at :

<http://www.dol.gov/owcp/dlhwc/lscarrier.htm>

LINE NO	DESCRIPTION	TOTAL PRICE
1	CONCRETE WORK (RETAINING WALL, STAIRS, TOPPER AND JOINT BOXES)	
2	ELECTRICAL (LIGHTS , TRANSFORMERS, CABLES, PULL BOXES AND CONDUIT)	
3	SOIL PREPARATION (GRADE, FLATTEN, RESTORE)	
4	GRAVEL FOUNDATION	
5	TILING (LAJA + TILING + MORTAR)	
6	PLUMBING MATERIAL	
7	LABOR & INSURANCE	
8	ADMINISTRATIVE COST AND PROFIT	
9	DBA INSURANCE	
	TOTAL PRICE (INCLUDING ALL LABOR, MATERIALS, OVERHEAD DBA INSURANCE AND PROFIT)	

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.

B. SCOPE OF WORK

The character and scope of the work are set forth in the contract (Attachments 1 and 2). The Contractor shall furnish and install all materials required by this contract.

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 apply also to all other portions of the work.

C. PACKAGING AND MARKING

Mark materials delivered to the site as follows:

U.S. Embassy Panama
Demetrio Lakas Street, Bldg. 783, Clayton
Panama City, Republic of Panama

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).

E. DELIVERIES OR 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 5 (FIVE) 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 95 DAYS.

The time stated for completion shall include final cleanup of the premises.
(the time states for completion shall also include completion of punch list items.)

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 " 5 (five) 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 make revisions to 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 only performed Monday through Friday from 8:00 a.m. until 5:00 p.m.

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 the Chancery 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:			
<u>Description</u>	<u>Quantity</u>	<u>Deliver Date</u>	<u>Deliver To</u>
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	Last calendar day of each month	COR
Section D. Request for Substantial Completion	1	15 days before inspection	COR
Section D. Request for Final Acceptance	1	5 days before inspection	COR

F. ADMINISTRATIVE 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 Residential 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.

Send digital invoices to: PNMFMOINV@state.gov. Paper invoices to

U.S. Embassy Panama
Attn. FMO – PO #
Demetrio Lakas Street, Bldg 783
Clayton, Panama City, Republic of Panama

G. [SPECIAL REQUIREMENTS](#)

G.1.0 RESERVED

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 U.S. DOLLARS	
Per Occurrence	50,000 USD
Cumulative	100,000 USD
(2) PROPERTY DAMAGE, ON OR OFF THE SITE, IN U.S. DOLLARS	
Per Occurrence	50,000 USD
Cumulative	100,000 USD
(3)WORKERS COMPENSATION	
Workers' Compensational and Occupational Disease Statutory, as required by Panamanian law	

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 _____ [**Note to Contracting Officer: fill in number of days**] days to perform. For each individual the list shall include:

Full Name
Place and Date of Birth
Current Address
Identification number
Police Record

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.

H. CLAUSES

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): <http://www.acquisition.gov/far/> or <http://farsite.hill.af.mil/vffara.htm>. Please note these addresses are subject to change.

If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Department of State Acquisition website at <https://www.ecfr.gov/cgi-bin/text-idx?SID=2e978208d0d2aa44fb9502725ecac4e5&mc=true&tpl=/ecfrbrowse/Title48/48chapter6.tpl> to access links to the FAR. You may also use an internet "search engine" (for example, Google, Yahoo, Excite) to obtain the latest location of the most current FAR.

The following Federal Acquisition Regulation clause(s) is/are incorporated by reference (48 CFR CH. 1):

<u>CLAUSE</u>	<u>TITLE AND DATE</u>
52.202-1	DEFINITIONS (JUN 2020)
52.204-9	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (JAN 2011)
52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS (OCT 2018)
52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (OCT 2018)
52.204-18	COMMERCIAL AND GOVERNMENT ENTITY CODE MAINTENANCE (JUL 2016)
52.204-19 (DEC 2014)	INCORPORATION BY REFERENCE OF REPRESENTATIONS AND CERTIFICATIONS
52.204-25	PROHIBITION ON CONTRACTING FOR CERTAIN TELECOMMUNICATION AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT (AUG 2019)
52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED OR PROPOSED FOR DEBARMENT (JUN 2020)

- 52.209-9 UPDATES OF PUBLICLY AVAILABLE INFORMATION REGARDING RESPONSIBILITY MATTERS (JUL 2013)
- 52.213-4 TERMS AND CONDITIONS-SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS) (JUN 2020)
- 52.216-7 ALLOWABLE COST AND PAYMENT (JUN 2013)
- 52.222-1 NOTICE TO THE GOVERNMENT OF LABOR DISPUTES (FEB 1997)
- 52.222-19 CHILD LABOR – COOPERATION WITH AUTHORITIES AND REMEDIES (JAN 2018)
- 52.222-50 COMBATING TRAFFICKING IN PERSONS (FEB 2009)
- 52.223-18 ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING (JUN 2020)
- 52.225-13 RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (JUNE 2008)
- 52.225-14 INCONSISTENCY BETWEEN ENGLISH VERSION AND TRANSLATION OF CONTRACT (FEB 2000)
- 52.225-19 CONTRACTOR PERSONNEL IN A DESIGNATED OPERATIONAL AREA OR SUPPORTING A DIPLOMATIC MISSION OUTSIDE THE UNITED STATES (MAR 2008)
- 52.228-3 WORKERS' COMPENSATION INSURANCE (DEFENSE BASE ACT) (JUL 2014)
- 52.228-5 INSURANCE - WORK ON A GOVERNMENT INSTALLATION (JAN 1997)
- 52.228-11 PLEDGES OF ASSETS (JAN 2012)
- 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 (JULY 2013)
- 52.232-27 PROMPT PAYMENT FOR CONSTRUCTION CONTRACTS (MAY 2014)
- 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)
- 52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS (JUN 2020)
- 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 (DEC 2019)
- 52.249-2 TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (APR 2012) *Alternate I (SEPT 1996)*
- 52.249-10 DEFAULT (FIXED-PRICE CONSTRUCTION) (APR 1984)
- 52.249-14 EXCUSABLE DELAYS (APR 1984)

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I. FAR CLAUSES INCORPORATED IN FULL TEXT

52.204-25 PROHIBITION ON CONTRACTING FOR CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT (AUG 2020)

(a) Definitions. As used in this clause—

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).

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

(b) Prohibition. 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 Federal Acquisition Regulation 4.2104.

(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), in all subcontracts and other contractual instruments, including subcontracts for the acquisition of commercial items.

(End of clause)

II. The following Department of State Acquisition Regulation (DOSAR) clause(s) is/are set forth in full text:

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

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

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

(End of clause)

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)

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)

652.236-70 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 it has obtained authorization to operate and do business in the country or countries in which this contract will be performed;

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

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

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

(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)

I. LIST OF ATTACHMENTS

ATTACHMENT NUMBER	DESCRIPTION OF ATTACHMENT	NUMBER OF PAGES
ATTACHMENT 1	ATTACHMENT #1: CMR – LANDSCAPING AND WATER INSTALLATION - SOW	20
ATTACHMENT 2	ATTACHMENT #2: CMR – LANDSCAPING AND WATER INSTALLATION - DRAWINGS	15
ATTACHMENT 3	BREAKDOWN OF PRICE BY DIVISIONS OF SPECIFICATIONS	1

J. QUOTATION INFORMATION

The Offeror shall include Defense Base Act (DBA) insurance premium costs covering employees. The offeror may obtain DBA insurance directly from any Department of Labor approved providers at the DOL website at <http://www.dol.gov/owcp/dlhwc/lscarrier.htm>

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;
- (3) Be able to demonstrate prior construction experience with suitable references;
- (4) Have the necessary personnel, equipment and financial resources available to perform the work;
- (5) Have all licenses and permits required by local law;
- (6) Meet all local insurance requirements;
- (7) 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;
- (8) Have no adverse criminal record; and
- (9) 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 3, "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 e-mailed send to PNMPROCREQ@state.gov, on Standard Form 18, or if hand-delivered, use the address set forth below:

U.S. Embassy Panama City
Bldg. 783 Attn. GSO
Ave. Demetrio B. Lakas Clayton,
Panama City, Republic of Panama

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) Present the performance schedule in the form of a "bar chart" indicating when the various portions of the work will be commenced and completed within the required schedule. This bar chart shall be in sufficient detail to clearly show each segregable portion of work and its planned commencement and completion date.

(b) The Business Management/Technical Proposal shall be in two parts, including the following information:

Proposed Work Information - Provide the following:

- (1) A list of the names, addresses and telephone numbers of the owners, partners, and principal officers of the Offeror;
- (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 materials suppliers to be used on the project, indicating what portions of the work will be performed by them; and,

Experience and Past Performance - List all contracts and subcontracts your company has held over the past three years for the same or similar work. Provide the following information for each contract and subcontract:

- (1) Customer's name, address, and telephone numbers of customer's lead contract and technical personnel;
- (2) Contract number and type;
- (3) Date of the contract award place(s) of performance, and completion dates; Contract dollar value;
- (4) Brief description of the work, including responsibilities; and
- (5) Any litigation currently in process or occurring within last 5 years.

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 September 15, 2020, at 10:00 a.m.

(c) Participants will meet at US Embassy Panama City, Chancery

D. MAGNITUDE OF CONSTRUCTION PROJECT

It is anticipated that the range in price of this contract will be between 25,000 and 100,000 USD.

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

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

This contract incorporates the following 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. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer.

Also, the full text of a solicitation provision may be accessed electronically at: <http://acquisition.gov/far/index.html/> or <http://farsite.hill.af.mil/vffara.htm>. Please note these addresses are subject to change.

If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Department of State Acquisition website at <http://www.statebuy.state.gov> to access the link to the FAR, or use of an Internet "search engine" (for example, Google, Yahoo or Excite) is suggested to obtain the latest location of the most current FAR.

The following Federal Acquisition Regulation provisions are incorporated by reference (48 CFR CH. 1):

<u>PROVISION</u>	<u>TITLE AND DATE</u>
52.204-7	SYSTEM FOR AWARD MANAGEMENT (OCT 2018)
52.204-16	COMMERCIAL AND GOVERNMENT ENTITY CODE REPORTING (JUL 2016)
52.214-34	SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE (APR 1991)

52.215-1 INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (JAN 2004)

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 OF OFFERORS OR QUOTERS**

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 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 (31 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 FAR 52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (MAR 2020)

(a) (1) The North American Industry Classification System (NAICS) code for this acquisition is **236118, 236220, 237110, 237310, 237990**.

(2) The small business size standard is **\$36.5 Million USD**.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(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 will be performed in the United States or its outlying areas.

(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 will be performed in the United States or its outlying areas.

(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 items.

(xvii) [52.223-1](#), Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA-designated items; or include the clause at [52.223-2](#), Affirmative Procurement 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 clause 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 I, II, and III.) This provision applies to solicitations containing the clause at [52.225-3](#).

(A) If the acquisition value is less than \$25,000, the basic provision applies.

(B) If the acquisition value is \$25,000 or more but is less than \$50,000, the provision with its Alternate I applies.

(C) If the acquisition value is \$50,000 or more but is less than \$83,099, the provision with its Alternate II applies.

(D) If the acquisition value is \$83,099 or more but is less than \$100,000, 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) [52.223-9](#), with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA–Designated Products (Alternate I only).

___ (vii) [52.227-6](#), Royalty Information.

___ (A) Basic.

___ (B) Alternate I.

___ (viii) [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)

L.3 52.204-24 REPRESENTATION REGARDING CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT (AUG 2020)

The Offeror shall not complete the representation at paragraph (d)(1) of this provision if the Offeror has represented that it “does not provide covered telecommunications equipment or services as a part of its offered products or services to the Government in the performance of any contract, subcontract, or other contractual instrument” in the provision at [52.204-26](#), Covered Telecommunications Equipment or Services—Representation, or in paragraph (v) of the provision at [52.212-3](#), Offeror Representations and Certifications-Commercial Items.

(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. 52.209-2 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.5. 52.225-18 PLACE OF MANUFACTURE (SEPT 2006)

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

“Manufactured end product” means any end product in Federal Supply Classes (FSC) 1000-9999, except—

- (1) FSC 5510, Lumber and Related Basic Wood Materials;
- (2) Federal Supply Group (FSG) 87, Agricultural Supplies;
- (3) FSG 88, Live Animals;

- (4) FSG 89, Food and Related Consumables;
- (5) FSC 9410, Crude Grades of Plant Materials;
- (6) FSC 9430, Miscellaneous Crude Animal Products, Inedible;
- (7) FSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
- (8) FSC 9610, Ores;
- (9) FSC 9620, Minerals, Natural and Synthetic; and
- (10) FSC 9630, Additive Metal Materials.

“Place of manufacture” means the place where an end product is assembled out of components, or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

(b) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide in response to this solicitation is predominantly—

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

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

(End of provision)

**ATTACHMENT #1:
CMR – LANDSCAPING AND WATER INSTALLATION – SOW**



STATEMENT of WORK

Panama City, Panama

CMR Landscaping



CONTENTS:

PART ONE	GENERAL
PART TWO	PRODUCTS
PART THREE	EXECUTION
PART FOUR	SCHEDULE
PART FIVE	DRAWINGS
PART SIX	NON-BINDING CONTRACT INFORMATION

**OVERSEAS BUILDINGS OPERATIONS
FACILITY MANAGEMENT
Landscaping and Water
WASHINGTON DC**

PART ONE – GENERAL**C.1.1 SUMMARY:**

The U.S. Embassy Panama and Overseas Buildings Operations [OBO] has a requirement for a new water line installation and landscaping for the CMR. The proposed work includes, but is not limited to, the following:

1. Excavation and backfill of 50 linear meters of new foundation for new water and power lines, in natural soil from water line intake and electrical. **Reference D-1 in Drawings section**
2. Construction of 120 lineal meters of new foundation and encasing for 2" water PVC pipe and electric PVC conduit. **Reference D-2 in Drawings section**
3. Complete Installation of 130m of SCH 80 2" PVC from water company water meter to Water Tank. Including all plumbing hardware and certification.
4. Installation of approximately 150m Electrical Fiber Glass RTRC Conduit with pull strings (fishlines), and Concrete Joint Boxes. **Reference D12 in Drawings section**
5. Construction of 55 linear meters of a reinforced retaining wall of different heights, with underground drainage, with a reinforced concrete, or natural stone topper. **Reference D-3 in Drawings section**
6. Construction of concrete external staircase to intersect the retaining wall. **Reference D-4 in Drawings section**
7. Installation and furnishing of a brass and stainless-steel handrail steel bases and anchors as described in the pictures for 2 external staircases. **Reference D-5 in Drawings section.**
8. Construction of concrete pathway to connect new staircase to terrace area. **Reference D-6 in Drawings section.**
9. Construction of 2 electrical circuits to feed external lighting of the retaining wall, to be installed below the concrete toppers of the retaining wall every 6 feet with exterior boxes for the transformers and independent breakers for the lights.
10. Furnishing and installation of 36 hardscape 12" 12V LED (Kichler or equal) warm light fixtures below the topper paver slab with 6ft of separation and two 300W 120 to 12V transformers.
11. Furnishing and Installation of stone slate and contrasting material for the thread risers, over both stairs accessing the back-terrace area of the Residence (new and existing), samples are to be provided for approval. **Reference D-7 in Drawings section.**
12. Installation of approximately 160m² of limestone (Laja) over Concrete Retaining Wall and staircase's wall to match existing veneer, samples must be provided for approval.
13. Construction of a water reservoir to collect water from a stream that will be constructed in the future, including the plumbing. **Reference D-8, D-9 in the Drawings section**
14. Furnishing and installation of plumbing material to connect the newly installed water line to the existing water reserve tank at the rear of the property.
15. Extend all existing drainpipes in the walkway below the retaining wall and gravel path foundation. To include Retaining wall drainage. **Reference D-11 in the Drawings Section**
16. Removal of tree stumps, metal posts and plants from the gravel walkway. During the removal Embassy Landscaping Team will evaluate plantings and landscaping stones for potential reuse.
17. Installation of a new irrigation line at the main entrance's Guard booth, following the provided drawings for future irrigation water storage tank.
18. Construction of a cobblestone pathway from the back garden to the garage area. This includes the relocation of existing drainpipes, electrical conduit and potable water lines. **Reference D-10.**

C.1.2 SUBMITTALS:

- A. Contractor's executed bonds and insurance certificate.
- B. Contractor's crew individual identification information for background checks.
- C. Submit list of all mechanical, electrical, rigging, sheet metal, and all other subcontractors with evidence of subcontractor's insurance coverage.
- D. Project schedule showing work phasing and proposed daily progress.
- E. Construction Accident Prevention Plan (CAPP)
- F. One spare transformer and eighteen (18) 12V hard case lights
- G. Final Electrical, plumbing, structural and architectural plans. Originals, copies and Digital format.
- H. Material manufacturers and accessory product data sheets.
- I. Warranty: Submit to Owner, prior to final payment, two copies of the following warranties:
 - 1. 36 Hardcase LED Lighting spare fixtures.
 - 2. Three 300w 120v to 12V transformers as a spare.
 - 3. Contractor's Warranty: In addition, furnish a written warranty agreeing to repair/replace defective installation and workmanship labor causing leakage of water, deterioration of materials, and other failures of the installed system, sealants, painting, coatings, and related work on this project, to perform as required within the warranty period. Warranty period is two years after date of written final acceptance by Owner.

C.1.3 SUBSTITUTIONS AND PRODUCT OPTIONS:

- A. Contractor's Representation: Request for substitution constitutes a representation that Contractor:
 - 1. Has investigated proposed product and determined that it is equal to or superior in all respects to that specified.
 - 2. Shall coordinate installation of accepted substitution into Work and make such other changes as may be required for Work to be complete in all respects.
 - 3. Waives all claims for additional costs, under his responsibility, related to substitution, which subsequently becomes apparent.
 - 4. If substitution is not approved or accepted, Contractor shall furnish specified product.
- B. Substitutions:
 - 1. During Solicitation, only written requests for substitutions of products in place of those specified will be considered. Such requests must be received at least two weeks prior to Proposal Date. Requests received after that time will not be considered. Approval of substitutions will be set forth in an Amendment.
 - 2. Requests for substitutions supported with complete data, drawings, and appropriate samples shall include data listed below:
 - a. Product description, performance and test data, and applicable reference standards.
 - b. Changes required in other elements of Work because of substitution.
 - c. Effect on construction schedule.
- C. Product Options: For products specified by naming several products or manufacturers, select any product and manufacturer named.

C.1.4 QUALITY CONTROL:

- A. The Embassy and OBO has the right to inspect and test all services, to the extent practicable at all times and places during the work. OBO may perform full time quality assurance inspections [QAI] and tests during construction to confirm the work is installed according to the Construction Documents.
- B. Maintain quality control over suppliers, manufacturers, products, services, site conditions, and workmanship to produce work of specified quality.
- C. Manufacturer to perform the work for the specified guarantee period shall approve contractor.

C.1.5 STORAGE OF MATERIALS:

- A. Proper storage of materials is the sole responsibility of Contractor. Keep all labels intact and legible, clearly showing the product, manufacturer, and other pertinent information.
- B. Store materials on site. Cover and protect materials subject to damage by weather, including during transit. Stored materials shall be available for inspection.
- C. Store flammable and volatile liquids in sealed containers located a minimum of 20 feet from existing buildings.
- D. Liquid products shall be delivered sealed, in original containers. Store roll goods in an upright position.
- E. Distribute material, debris, and equipment over the roof deck to avoid damage to the structural deck. Place materials and equipment to be stored on the roof as nearly direct over structural members as can be determined. Secure equipment, material, and debris on the roof to prevent movement by wind or other elements.

C.1.6 TEMPORARY FACILITIES:

- A. Temporary Water:
 - 1. Make arrangements with Embassy for water required for construction. Embassy will pay for cost of water.
 - 2. Do not disrupt existing water service to the building.
 - 3. Provide hoses for conveyance.
- B. Temporary Electrical
 - 1. Arrange with Embassy for temporary electrical service. Embassy will pay energy charges for temporary power and lighting.
 - 2. Notify Embassy prior to each required interruption of mechanical or electrical services in building.
 - 3. Provide all necessary temporary wiring extensions and temporary lighting devices.
- C. Temporary Ladders, Chutes, Scaffolds, Hoists and Cranes:
 - 1. Furnish and maintain temporary ramps, scaffolds, hoists, or chutes as required for proper execution of Work.
 - 2. Provide overhead protection at all building entrances.

3. Restrict debris removal to Embassy -approved area of building site.
4. Restrict location of construction cranes to areas as approved by Embassy.
5. Such apparatus, equipment, and construction shall meet requirements of applicable federal, state, and local safety and labor laws.

C.1.7 PROJECT PROCEDURES:

- A. Embassy will occupy premises during entire period of construction for the conduct of normal, daily operations. Contractor shall conduct his operations so as to ensure least inconvenience to Embassy's operations.
- B. Contractor shall take precautions to avoid excessive noise or vibration that would disturb Embassy's operations. When directed by Embassy, Contractor shall perform certain operations at designated time of day or night in order to minimize disturbance.

C.1.8 PROJECT SAFETY:

- A. Contractor is responsible for safety and shall comply with all local labor laws, regulations, customs and practices pertaining to labor, safety and similar matters. Contractor shall prepare a Construction Accident Prevention Plan to cover total project safety.
- B. See Safety Attachment:

C.1.9 PROJECT SECURITY:

- A. Personnel Clearances: Local Labor Background checks will require a minimum of 21 days for clearance. Local labor may be used on this Project provided that they are escorted by local embassy employees or U.S. cleared citizens.
- A. Vehicle Clearances: Submit authorization requests, to include dates, vehicle type, license number, and driver name, for each motorized vehicular implement used on-site.
- C. Access to Site: Contractor shall have limited access to or be admitted into the compound outside the areas designated for the project except with permission by the Embassy.

PART TWO - PRODUCTS**C.2.1 PATHWAY BASE MATERIALS**

- A. PVC lines Encasement
 - 1. Foundation base #4 Gravel – 0.5 in to 1.5 in in size
 - 3. Base layer of select material – 0 to 1.5 in
 - 4. Sand – Oceanic, clean and strained, free rocks and shells.
 - 5. Geo-Textile Fabric Haul Road fabric
 - 6. #6 Gravel – $\frac{3}{8}$ to $\frac{3}{4}$ in in size for the top layer.

- B. Water and Electrical Lines
 - 1. 2" Potable water PVC SCH80
 - 2. 2" Electric Fiber Glass Conduit
 - 3. 4" Perforated PVC Drainage

C.2.2 RETAINING WALL

- A. Concrete
 - 1. The minimum concrete compressive strength at 28 days shall be 3,500 PSI and shall comply with ACI 318
 - 2. Reinforcing steel shall comply with ASTM A615 and shall have a yield strength of 60,000 PSI.
 - 3. All joint reinforcement, ties and other accessories shall be resistant to corrosion.
 - 4. Concrete formwork should be in accordance with ACI 347R-14.

Composition

- 1) Cement: Portland cement conforming to Type I as defined by ASTM C150.
- 2) Aggregate: concrete aggregate conforming to ASTM C332 such as "NVS Concrete Aggregate" as manufactured by Siplast, Inc.
- 3) Water: Potable water, as defined by U.S. Department of Health, containing no more than 250 ppm of free chloride ions or other substances that would affect the set of Portland cement.
- 4) Reinforcing: ASTM A185 welded wire fabric without backing, (4"x4")
- 5) Patching Compound: Quick-set cementitious mortar material for patching and creating tapered sumps/crickets such as "Zono-Patch" by Siplast or "Thinpatch" by Celcore.
- 6) Concrete
- 7) The minimum concrete compressive strength at 28 days shall be 3,500 PSI and shall comply with ACI 318
- 8) Reinforcing steel shall comply with ASTM A615 and shall have a yield strength of 60,000 PSI.
- 9) Waterstop. Waterstop shall be SikaSwell S-2 as manufactured by Sika Corporation or approved equal. Waterstop shall be bentonite-free.
- 10) Epoxy Sealer for Construction Joints. Epoxy sealer shall be SikaGuard 62 as manufactured by Sika Corporation or approved equal.

B. Façade Stone Veneer

1. Pre-blended, polymer fortified Type S SVM mortar
2. Grout should be Pre- Blended at least 1 part Type S SVM mortar, two parts clean sand.
3. MAPEI Ultra Clear Penetrating Plus Stone Tile & Grout Sealer
4. Bonding agent: Sika Latex

C. Retaining Wall Topper

1. Pre-blended, polymer fortified Type S SVM mortar
2. Grout should be Pre- Blended at least 1 part Type S SVM mortar, two parts clean sand.

C.2.3 NEW STAIRS**A. Concrete**

1. The minimum concrete compressive strength at 28 days shall be 3,500 PSI and shall comply with ACI 318
2. Reinforcing steel shall comply with ASTM A615 and shall have a yield strength of 60,000 PSI.
3. All joint reinforcement, ties and other accessories shall be resistant to corrosion.
4. Concrete formwork should be in accordance with ACI 347R-14.

B. Tiles

1. Setting Bed & Bond Coat: Portland Cement Mortar: ANSI A108.1. 30mm minimum to 75 mm bed thickness and Type S Mortar with polymers
2. Tile: Exterior, Gray Exterior stone, at least 2cm in thickness, waterproof
3. Stair Treads: Contrasting material for the Raiser, samples to be delivered for approval.
4. Grout: S type mortar to match the tiling material.
5. Stone Sealer: MAPEI Ultra Clear Penetrating Plus Stone Tile & Grout Sealer

C.2.4 EXISTING STAIRS**Tiles**

1. Setting Bed & Bond Coat: Portland Cement Mortar: ANSI A108.1. 30mm minimum to 75 mm bed thickness and Type S Mortar with polymers
2. Tile: Exterior, Gray Exterior stone, at least 2cm in thickness, waterproof
3. Stair Treads: Contrasting material for the Raiser, samples to be delivered for approval.
4. Grout: S type mortar to match the tiling material.
5. Stone Sealer: MAPEI Ultra Clear Penetrating Plus Stone Tile & Grout Sealer

C.2.5 COBBLESTONE PATHWAY

1. Foundation base #4 Gravel – 0.5 in to 1.5 in in size

3. Base layer of select material – 0 to 1.5 in
4. Sand – Oceanic, clean and strained, free rocks and shells.
5. Geo-Textile Fabric Haul Road fabric
6. Select Cobblestones according to sample.

PART THREE - EXECUTION

C.3.1 EXCAVATION

A. Water and Electric Line

1. Excavation will be 60cm deep from ground level, compacted substrate should be at least 40% in volume
2. Excavation should be covered in geo-textile fabric described in the materials for this section to ensure separation of the natural soil and foundation, including the sides of the excavation

B. Gravel Pathway

1. Excavation will be 60cm deep from ground level; compacted substrate should be at least 40% in volume
2. Excavation should be covered in geo-textile fabric described in the materials for this section to ensure separation of the natural soil and foundation, including the sides of the excavation and drainage hole.

C. Retaining Wall

1. Excavation of the retaining wall foundation will be done according to the details in the drawings, as it varies depending on the height of the wall.
All Drainages should be installed below the toe of the retaining wall, covered in geo-textile fabric and encased in wood formwork, to avoid collapsing.
2. Excavation should be covered in geo-textile fabric described in the materials for this section to ensure separation of the natural soil and foundation.

C.3.2 GRAVEL FOUNDATION CONSTRUCTION

1. Substrate soil should be compacted at least 50% in volume achieving the desired depth.
2. Compacted substrate should be covered in a geo-textile blanket to avoid contamination of the foundation, including the drainage ditch.
3. The drainage is to be installed wrapped in a geotextile blanket and set over a layer of smaller gravel in the pit prior to the installation of the first level of gravel.
4. Gravel should be compacted as much as possible using a roller or a Toad Compactor.
5. Sand encasement should be at least 50cm x 25cm. The new lines should be at least 15cm between one another and completely encased in sand all the way.
6. Base layer should be at least 10 cm 95% compacted select material using a Roller compactor.
7. Before adding the final layer of gravel, soil should be compacted above the compacted Base Layer at least 95% in volume.

C.3.3 CONCRETE MIX

1. Concrete is to be proportioned according to laboratory designed mixes using the type of aggregate, maximum water/cement (W/C) ratio, maximum aggregate size, minimum of twenty-eight (28) day ultimate compressive strength, and entrained air as follows:

<u>Mix No.</u>	<u>Location</u>	<u>W/C Ratio</u>	<u>Aggregate (Size No.)</u>	<u>Strength (psi)</u>	<u>Entrained Air (%)</u>
1	Walls, Footings, Structural Slabs	0.53	67	4000	NR
2	Basins	0.45	67	4000	5 to 7
3	Curb, Gutter, Exterior Flatwork	0.45	67	4500	5 to 7
4	Interior Flatwork	0.53	67	3500	NR

2. An air-entraining agent shall be added to all stone concrete so as to entrain 5%-7% by volume. Air-entraining agents shall be in strict accordance with the recommendations of the manufacturer and the testing laboratory for the design mix to assure strength requirements are being fully met or exceeded.
3. The concrete shall be mixed until there is a uniform distribution of the materials and shall be discharged completely before the mixer is recharged. For job-mixed concrete, the mixer shall be rotated at the speed recommended by the manufacturer.
4. Sufficient time shall be allowed for proper mixing of the concrete to provide uniformity throughout the batch. Long delays in concrete placement shall be avoided and any concrete that has not been placed within 90 minutes after water has been added to the mix shall be rejected. The 90 minutes time limit may be extended to 120 minutes if no water is added after 90 minutes and the concrete temperature prior to placement is less than 90 F. Over wet mixes shall be rejected and shall not be corrected by the addition of either aggregate or cement to the mixer. Mix not less than ten minutes in transit mix trucks after addition of the mixing water.
5. Slumps shall be minimum, consistent with placing requirements. Slump test shall be made in accordance with "Slump Test for Consistency of Portland Cement Concrete" (ASTM C143-58). Unless written approval is obtained from the Engineer, the maximum slump shall be four (4") inches.

C.3.4 FORMWORK

1. All formwork should be in accordance with ACI 347R-14. Forms shall conform to the shape, lines, grades and dimensions of the concrete as detailed on the Plans. All forms for exposed finished surfaces shall be built with the material needed to produce the form, texture and design specified in Concrete Finishes of this section.

2. Forms shall be sufficiently tight to prevent leakage of mortar and shall be properly braced or tied together so as to maintain the desired position. The formwork shall be designed for the loads outlined in Part 3, Section 102 of "Recommended Practice for Concrete Form Work" (ACI 347). The forms shall be oiled for ease of removal of forms after setting of concrete.
3. All form ties shall be bolts and rods (adjustable for tightening) arranged so that no metal is within 3/4" of surface after removal of forms. No ties through exposed concrete will be allowed. Ties for water/wastewater structures (tanks, basins, channels etc.) shall be furnished with water resistant washers and cones, as manufactured by SYMONS, or approved equal. Ordinary wire ties will be allowed on building foundations with the specific approval of the Engineer. Set forms for all required anchors, bolt inserts, slots, sleeves, supports, etc., furnished under portions of this Specification and installed under this section.
4. Forms shall not be disturbed until concrete has hardened sufficiently to permit their removal with safety. The removal of the forms shall be carried out in such a manner as to ensure the safety of the structure. Unless otherwise permitted by the Engineer, forms shall not be removed until 24 hours after pouring.

3.05 CONSTRUCTION, CONTROL, AND EXPANSION JOINTS

1. Expansion, construction, and control joints shall be constructed in accordance with the Plans, and the specifications found in this section.
2. Expansion joints - Unless otherwise indicated on the Plans, install one-half inch (1/2") thick asphalt impregnated fiberboard expansion joint filler (ASTM D1751)
3. wherever concrete slabs abut buildings or footings or as shown on the plan details. All expansion joint filler shall extend full depth of the slab.
4. Control joints – control joints shall be placed in all non-fluid containing slabs-on grade, and shall not be spaced more than 20 feet on center, or forming an area greater than 400 sq. ft. Control joints shall be sawn or trowel cut into concrete slab a maximum of 12 hours after the concrete has been placed.
5. Construction joints – construction joints shall be constructed in accordance with the Plans and placed at a maximum spacing provided in the following values:
 - a) Fluid filled Tank - Slabs 50 ft on-center maximum parallel spacing
 - b) Non-fluid containing structures - Walls 50 ft on-center maximum parallel Spacing

3.06 CONCRETE PLACEMENT

1. Preparation for Placing. Before placing concrete, all equipment for mixing and transporting concrete shall be cleaned and all debris and ice shall be removed from places to be occupied by

concrete. Forms shall be properly treated and all reinforcement cleaned of ice and other coatings. Water shall be removed from place of deposit before concrete is placed.

2. Concrete shall be conveyed from the mixer to the place of final deposit by methods, which will prevent the separation or loss of the materials. Equipment for chuting, pumping, or pneumatically conveying concrete shall be of such size and design as to ensure a practically continuous flow of concrete at the delivery and without separation of the materials.
3. Install by way of example, anchor bolts, reinforcing steel, pipe and conduit openings and sleeves, bearing plates, and knockouts as provided by other trades and as required by other trades. Provide minimum 7 days' notice to Engineer, Owner, or other trades prior to requiring materials or detailing information. Installation to meet location, dimension and alignment requirements of other trades.
4. Concrete shall be deposited as nearly as practicable in its final position to avoid segregation due to re-handling or flowing. The concreting shall be carried on at such a rate that the concrete is at all times plastic and flows readily into the space between the bars. No concrete that has been partially hardened or been contaminated by foreign matter shall be deposited on the Work, nor shall retempered concrete be used.
5. When concreting is once started, it shall be carried on as a continuous operation until the placing of the panel or section is completed. Place concrete in approximately horizontal layers avoiding displacement of reinforcement above fresh concrete and formation of seams and planes of weakness in sections. When construction joints are necessary, they shall be located as specified in this section under Construction Joints. For bonding fresh concrete, roughen and clean exposed surface and brush with neat cement grout. Place new concrete before grout takes initial set.
6. Place concrete in layers not over 24" deep; compact each layer by mechanical internal vibrating equipment supplemented by hand spading, rodding, tamping, as directed. Vibrators shall not be used to transport concrete inside forms. Limit vibration duration to the time necessary to produce satisfactory consolidation without causing objectionable segregation. Do not insert vibrator into lower courses that have begun to set.
7. Unless adequate protection is provided and the Engineer's approval is obtained, concrete shall not be placed during rain, sleet, or snow. When the mean temperature falls below 40°F for 3 successive days, concreting shall conform to "Recommended Practice for Cold Weather Conditions: (ACI 306 R-78). Concrete placed in hot weather shall meet the standards of "Recommended Practice for Hot Weather Concreting (ACI 305R-77). Concrete is not to be placed under water. A suitable means shall be provided for lowering the water level below surfaces upon which concrete is to be placed. This may require excavating approximately 12 inches below the bottom of the concrete surface and refilling with gravel and compacting. The groundwater shall not be allowed to rise to the bottom of the concrete until 24 hours after the concrete has been completed. Water shall not be allowed to fall upon or run across the concrete during this period.

8. Concrete protection and curing shall be in conformance with ACI 308-71. Immediately after placing or finishing, concrete surfaces not covered by forms shall be protected from loss of surface moisture. All concrete shall be kept in a moist condition for at least five (5) days after placement. Curing compounds may be used upon approval of the Engineer.

3.07 SLABS ON GRADE

1. All slabs on grade shall be poured directly on prepared gravel sub grade where shown on the Plans. Construction joints shall be placed such that no section of slab is greater than 20 feet on a side. Finishes, Expansion & Control Joints & Protection shall be as specified under other sections of this section.
2. Minimum six-inch (6") of screened crushed rock shall be installed under the entire slab unless otherwise directed by the Engineer. The grading requirements as per Section 02222 for the aggregate course shall apply.

3.08 CONCRETE FINISHES

1. Patching. Patching shall be done on all concrete surfaces immediately after stripping forms; all exposed surfaces shall have fins and other projections carefully removed, offsets leveled, and voids saturated with water and patched to a true and even surface with a wood float. Patch all holes left by the removal of the form ties or bolts. Patching material shall be a stiff mixture of sand and cement, the color of which matches the concrete being patched. Any major area of faulty or honeycombed concrete shall be completely removed and patched at the direction of the Engineer. For water/wastewater structures (tanks, basins, etc.), surface voids larger than .” diameter shall be patched.
2. Floor slabs. All concrete slabs shall be screened to levels or grades indicated and float finished monolithically completely free from humps or pits. Slabs shall not show surface deviation in excess of one-quarter inch (1/4") when tested with a 10 ft. straightedge. Before the finish has set, the surface cement film shall be removed with a fine brush in order to have a fine-grained, smooth but sanded texture.
3. Rubbed finish. All exposed concrete surfaces for water/wastewater structures (tanks, basins, etc.), shall have a rubbed finish. After removal of forms, rubbing of all exterior surfaces shall be started as soon as its condition will permit. Immediately before starting this Work, the concrete shall be kept thoroughly saturated with water. Sufficient time shall have elapsed before the wetting down to allow the mortar used in the pointing to thoroughly set. Surfaces to be finished shall be rubbed with a medium course carborundum stone, using a small amount of mortar on its face. The mortar shall be composed of cement and fine sand mixed in the same proportions as the concrete being finished. Rubbing shall be continued until all form marks, projections and irregularities have been removed, all voids filled and a uniform surface has been obtained. The paste produced by this rubbing shall be left in place.

5. After all concrete above the surface being treated has been cast, the final finish shall be obtained by rubbing with a fine carborundum stone and water. This rubbing shall be continued until the entire surface is of a smooth texture and uniform color.
6. After the final rubbing is completed and the surface has dried, it shall be rubbed with burlap to remove loose powder and objectionable marks.
7. Chamfer. All exposed exterior corners shall receive 3/4" chamfer.

3.08 REINFORCING

1. Reinforcing steel, at the time concrete is placed, shall be free from scale, rust or other coatings that will destroy or reduce bond. Reinforcement shall be accurately placed as shown on the Plans and shall be adequately secured in position by concrete or metal chairs and spacers.
2. Reinforcing shall be furnished in the full lengths indicated on the Plans unless otherwise authorized by the Engineer. Splicing of bars, except where shown on the Plans or specified, shall not be permitted without written approval by the Engineer. Reinforcement placed in any member shall be inspected before any concrete is placed and the Engineer shall be notified 24 hours in advance before any concrete placement.
3. The placing, fastening, splicing and supporting of reinforcing steel and welded wire fabric shall be in accordance with the Plans and the latest edition of the CRSI "Recommended Practice for Placing Reinforcing Bars" and in accordance with ACI 318-05. Bars shall be placed around all corners to splice steel in adjacent walls, footers and slabs (such detailing may not be shown on Plans).
4. Concrete Protection & Reinforcement. Where not otherwise indicated on the Plans, the minimum thickness of concrete over the reinforcement shall be as follows:
 1. Concrete deposited against earth: 3"
 2. Slabs and walls not exposed to weather or earth: 1"
 3. All other concrete placed in forms:
 - For bars larger than #5: 2"
 - For bars #5 or smaller: 1-1/2"
 - Sanitary Structures: 2"
6. Bearing Plates, anchor bolts, etc. Place all bearing plates, anchor bolts, reinforcing rods and other structural items furnished by other trades. Contractor to provide 7-day notice to all such trades prior to affected pour. Installation to be within tolerances required by other trades.

3.09 FIELD QUALITY CONTROL

1. Concrete Tests. 6" x 12" (or 4" x 8") cylinders shall be taken at the point of placing in the forms, shall be job cured and tested in accordance with ASTM Standards by the

Engineer. For each strength of concrete used, one set of four (4) cylinders for each day's pour, but not less than one (1) set of cylinders for each 50 cubic yards poured shall be taken. Two (2) cylinders at twenty-eight (28) days shall be tested to determine strength. One cylinder at seven (7) days, and one cylinder at fifty six (56) days may be tested as indicators at the direction of the Engineer. In addition, when in the opinion of the Engineer there is a possibility of the surrounding air temperature falling below 40° F; additional specimens to be cured under job conditions may be required.

2. Enforcement of Strength Requirements. Should the strengths shown by the test specimens fall below the specified values, the Engineer shall have the right to require changes in proportions to apply on the remainder of the Work.
3. If concrete fails to meet the strength requirements of this specification, the Engineer may order the Contractor to have a testing laboratory, acceptable to the Engineer, take and test core samples of questionable concrete. The Engineer may order all low-strength concrete removed and replaced if core strengths are below specified strengths. All costs connected with concrete coring and removal and replacement of low-strength concrete shall be borne by the Contractor. Contractor shall repair all core holes at his expense.
4. Slump Tests. Engineer to conduct slump tests on each day's pour and on individual trucks whenever concrete consistency varies. Test failure shall be grounds for rejection of individual or batch loads.
5. Air Content. Engineer to conduct air tests on each day's pour and on individual trucks as determined by the Engineer. Test failure shall be grounds for rejection of entire batch until satisfactory tests are obtained.

3.10 CONCRETE REPAIR

1. In the event there are leaks as determined by the testing program as specified on the drawings, Contractor shall make repairs as necessary to satisfy the requirements of the program. Acceptable products are Sika and Xypex type and installation methods as recommended by the manufacturer for the specific application. Product and method of installation as selected by the Contractor shall be submitted to the Engineer for approval.

C.3.11 CLEANING and ADJUSTING

- A. After completing maintenance and repairs, clean spattered surfaces. Do not scratch or damage adjacent finished surfaces.
- B. During progress of work, remove discarded materials, rubbish, cans, and rags from site at end of each work day. Thoroughly mixed and cured products may be disposed of in standard landfills. Uncured products are considered a hazardous material and must be handled as such, and disposed in accordance with local regulations.
- C. Reinstall all disconnected equipment after completion of the work. Reset rooftop equipment on protective pads. Reconnect pipe, conduit, wiring, and reactivation of the equipment to its original condition.

- D. Correct any damage by cleaning, repairing or replacing, as acceptable to the Embassy.

C.3.12 PLUMBING AND DRAINAGE LINES

1. **All existing** drainage lines will be dug down below the retaining wall level and installed across the pathway. To include the pond's flushing line (relocate), roof drainages, sewage lines and perforated drainage located in the area.
2. All existing lines and conduits (sewage, drainage, potable water, electrical conduits) that are underground and are not visible to the contractor will be moved by the contractor, at its own cost without adding any extras to the price.
3. Plumbing work will be considered completed once the water meter at the front of the residence and the water tank and the secondary line for the guard booth are connected, commissioned and inspected.
4. The water intake for the new line, is the responsibility of the contractor.
 - A. The preferred option is to move the water intake located on the external sidewalk outside the perimeter fence so that it makes a perfect line with the new gravel pathway to avoid pressure drops, approximately 35m, for this the sidewalk would have to be excavated and rebuild as well as the perimeter fence. Contractor will make all actions and arrangements, with IDAAN and any authority.
 - B. Secondary option will be to take the existing location and run it on the inside of the perimeter fence, across the main driveway cutting the concrete, rebuilding it with the same specifications, and installing the water line as described in the drawings and procedures in this document.
5. Regardless of the entry point of the water line will have a valve to be controlled inside the perimeter line of the house, encased in a concrete box and a metal or plastic cap.
From this main line, a branch will be installed in the security guard booth's side with a ball valve at the end for a future installation.
6. An inspection box will be installed after the PVC "tee" that branches into the security guard booth.
7. All plumbing work will be performed by licensed plumbers with a valid JTIA ID.
8. All plumbing materials will be included in quote.

C.3.13 ELECTRICAL INSTALLATIONS

1. Licensed electricians with a valid JTIA ID will perform all electrical work.
2. Electrical lines will start at the back of the building near the area indicated on the drawings, final locations will be indicated by the COR.
3. The electrical conduits to supply the Security Guard post with electricity will be provided by US Embassy. A minimum of concrete joint boxes will be built every 50m or where the COR deems necessary, their material and labor costs, will be included in this quote
4. All the labor will be provided by the Contractor and presented in the proposal for this scope of work.
5. The electrical materials to supply the retaining wall's lighting circuit in its entirety, including the conduits, wires, light fixtures, transformers, exterior boxes, joint boxes, and labor will be included in the proposal.

6. The location of the transformers for the retaining wall's lights will be defined in the Site Visit or by the COR.
7. The location for the joint/pull concrete boxes for the electrical circuit will be defined in the Site Visit or by the COR. There will be a minimum of 4 joint/pull boxes.

C.3.14 TILING AND RETAINING WALL VENEER**A. STAIRCASE TILING****A. PREPARATION OF SUBSTRATE**

1. Contractor shall determine the condition of the substrate, as newly poured concrete needs to cure for 28 days before installing any tiling or veneer. All defects in the deck or substrate shall be corrected before maintenance and repair work commences. Areas of deteriorated substrate, porous or other affected materials must be removed and replaced with new to match existing.
2. Fire extinguishers shall be kept on-site at all times during repair operations.
3. Repairs shall be applied in temperatures above fifty degrees Fahrenheit (50°F / 10°C).

B. Mortar Bed Application:

1. Slope setting bed to drain. Install mortar bed in depressed slab sloped to drains not less than 1 in 200 (1/16 inch per foot). Screed for slope to drain and float finish. Use Sika Latex as a bonding agent according to the instructions of the product, to level, patch or as an additive for increasing the tensile strength of the mortar.
2. Cure mortar bed for not less than seven days. Do not use curing compounds or coatings.

C. Tile Setting:

1. Align finish surface of new tile work flush with existing adjoining floor finish allowing tile to slope to drains.
2. Lay out tile work so that no tile less than one-half full size is used. Make all cuts on the outer edge of the field. Form intersections and returns accurately.
3. Pattern: Stagger joints at halfway point in adjacent tile, or as directed by COR
4. Set tile firmly in place with finish surfaces in true planes. Shove and vibrate tiles over 200 mm (8 inches) square to achieve full support of bond coat.
5. Cut and drill tile neatly without marring surface. Cut edges of tile abutting penetrations, and built-in items.
6. Completed work shall be free from hollow sounding areas and loose, cracked or defective tile. Remove and reset tiles that are out of plane or misaligned.

D. Grout:

1. Grout joints as soon as possible after tile bed is cured. Traffic should be avoided/minimized before installing grout.
2. Force grout into joints, taking care not to smear grout on adjoining surfaces.
3. Clean tiles as grouting progresses utilizing a damp sponge.
4. Tool exposed joints concave when thumbprint hard.

B. Retaining Wall Veneer**A. PREPARATION OF SUBSTRATE**

A. Contractor shall determine the condition of the substrate, as newly poured concrete needs to cure for 28 days before installing any tiling or veneer. All defects in the wall or substrate shall be corrected before maintenance and repair work commences. Areas of deteriorated substrate, porous or other affected materials must be removed and replaced with new to match existing.

A. Mortar Bed Application:

1. A Scratch Coat made out of S Type Mortar and bonding agent mixed with water will be needed in order to create a surface that will have the friction coefficient and porosity needed to maintain the stones in the face of the wall. Scratch coat must be made with a ½ inch trowel at 45° angle.
2. After the Scratch Coat has cured for the recommended amount of time, spray with water right before setting the stones in the wall

B. Veneer Setting:

1. Select the stones that will be used for a specific area in order to minimize the gaps, laying out the materials in front of the wall. Depending on the type of stone that was selected it might have a mesh to hold the stones together, if this is the case the stone might be installed directly with the first layer of the Scratch Coat.
2. If the stones are irregular in their shape sold as individual units, after the Scratch Coat is cured the mortar shall be applied to the stone and set on the wall, starting from the bottom and moving in a 1:2 horizontal ratio, to allow the bottom layers of stone to cure before installing the superior layers.

C. Grouting

1. Grout joints as soon as possible after tile bed is cured with a type S sanded grout, or the same type of mortar, this will be decided by the COR.
2. Force grout into joints, taking care not to smear grout on adjoining surfaces.
3. Clean stones as grouting progresses utilizing a damp sponge.
4. Tool exposed joints concave when thumbprint hard.
5. Apply a hydrophobic stone and grout sealant after the grout has been cured and cleaned.

PART FOUR - SCHEDULE

C.4.1 PERIOD OF PERFORMANCE:

- | | | |
|----|---|---|
| A. | Solicitation & Award of Contract: | |
| | 1. Pre-Proposal Site Visit | 30 days prior to Award |
| | 2. Award | Zero Day |
| B. | Pre-Construction Submittals: | |
| | 1. Insurance & Bonding: | 14 days after Award |
| | 2. Crew Information: | 10 days |
| | 3. OBO & Embassy Review: | 21 days |
| | 4. Schedule & Product Data: | 10 days |
| | 5. OBO & Embassy Approval: | 10 days |
| C. | Material Procurement: | 30 days |
| D. | Mobilization & Construction: | 60 days on-site (includes drying times) |
| E. | TOTAL PERIOD of PERFORMANCE: 95 days | |
| F. | unforeseen | Rainy Season: Extensions for weather or other |
| | discretion of | events may be given solely at the |
| | | the USG. |

END SCOPE OF WORK

ATTACHMENT #2:
CMR – LANDSCAPING AND WATER INSTALLATION – DRAWINGS
(SEE DOCUMENT IN SEPARATE FILE)

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ATTACHMENT #3
BREAKDOWN OF PRICE BY DIVISIONS OF SPECIFICATIONS

LINE NO	DESCRIPTION	TOTAL PRICE
1	CONCRETE WORK (RETAINING WALL, STAIRS, TOPPER AND JOINT BOXES)	
2	ELECTRICAL (LIGHTS , TRANSFORMERS, CABLES, PULL BOXES AND CONDUIT)	
3	SOIL PREPARATION (GRADE, FLATTEN, RESTORE)	
4	GRAVEL FOUNDATION	
5	TILING (LAJA + TILING + MORTAR)	
6	PLUMBING MATERIAL	
7	LABOR & INSURANCE	
8	ADMINISTRATIVE COST AND PROFIT	
9	DBA INSURANCE	
	TOTAL PRICE (INCLUDING ALL LABOR, MATERIALS, OVERHEAD DBA INSURANCE AND PROFIT) IN USD	

Offeror: _____ **Date** _____

END OF SOLICITATION