Embassy of the United States of America  
May 30, 2022

To: Prospective Offerors  
SUBJECT: Solicitation 19EG3022Q0016 Boulus Hanna - External Painting Project.

Dear Prospective Offerors,

The Embassy of the United States of America invites you to submit a price quotation for Boulus Hanna - External Painting Project.

If you would like to submit a quotation, you should thoroughly examine all documents contained in the Request for Quotation package, and submit your quotation according to section J.

Your offer must be submitted by e-mail to CairoContracts@state.gov on or before June 26, 2022 at 02:00 PM.

The Site visit will be on June 13, 2022 at 11:00 AM at 21 Boulus Hanna Street Dokki, Cairo - Egypt. After the site Visit, we will accept your questions up to June 16 by COB and we’ll be responding back with appropriate answers latest by June 20th.

In order to attend the site visit, you are kindly requested to provide the name and Egyptian ID number / Passport # (Typed in an email body) of ONLY TWO representatives per company that will attend maximum by COB June 6, 2022. Please e-mail this information to boulusss@state.gov to prepare for your access to the Site Visit premises making sure to mention Solicitation 19EG3022Q0016 and Project Name in your email subject line.

The order price will be fixed, with no adjustment for any escalation in costs or prices of labor or materials. Each offeror will be responsible for determining the amount of labor and materials that will be required to complete the project, and for pricing his proposal accordingly.

The Contracting Officer reserves the right to reject any and all offers and to waive any informality in offers received. In addition, the Embassy reserves the right to establish a competitive range of one or more offerors, and to conduct further negotiations concerning price and other terms before awarding the order, or to award without discussions.

The U.S. Government intends to award an order to the lowest priced, technically acceptable offeror who is a responsible contractor.

In order for your company to do business with the US Federal Government, you need to register it in the below web site and provide us with the registration number.  
https://www.sam.gov

The Completion of the entire work will be within 150 Calendar days from receipt of the notice to proceed. In the event of an unauthorized or unexcused delay in completing the project, liquidated
damages in the amount of **EGP 875.00** per calendar day will be assessed until substantial completion of the project is achieved.

Any questions regarding this Request for quotation may be directed by Email **MohamedSH@state.gov** or by telephone to Sherif Mohamed at Tel +20 (122) 218-6445 during business hours. For any technical matters kindly contact Eng. Mira Mesdary.

Sincerely,

Dawn Dowling  
Contracting Officer

Enclosure
# TABLE OF CONTENTS

**SF-18 COVER SHEET**

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: Standard Form 25, “Performance and Guaranty Bond”
- Attachment 2: Standard Form 25A, “Payment Bond”
- Attachment 3: Sample Letter of Bank Guaranty
- Attachment 4: Breakdown of Price by Divisions of Specifications
- Attachment 5: Drawings
- Attachment 6: Specifications
REQUEST FOR QUOTATION
(THIS IS NOT AN ORDER)

1. REQUEST NO. 19EG3022Q0016
2. DATE ISSUED 05/30/2022
3. REQUISITION/PURCHASE REQUEST NO. PR10752032
4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1

5a. ISSUED BY
AMERICAN EMBASSY CAIRO
US EMBASSY CAIRO 8 KAMAL EL DIN SALAH, ATTN: PROCUREMENT/CONTRACTING OFFICE
CAIRO 11519
EGYPT

5b. FOR INFORMATION CALL (NO COLLECT CALLS)
NAME Sherif Mohamed
TELEPHONE NUMBER 01222186445
AREAW NUMBER

6. DELIVER BY (Date)

7. DELIVERY
FOB DESTINATION OTHER (See Schedule)

8. TO:
a. NAME
b. COMPANY
US EMBASSY CAIRO 8 KAMAL EL DIN SALAH, ATTN: SPM RECEIVING OFFICE
c. STREET ADDRESS
c. CITY CAIRO
d. CITY

e. STATE
f. ZIP CODE 11519

10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS (Date)
IMPORTANT: This is a request for information and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5a. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or service. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotation must be completed by the quoter.

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

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>SUPPLIES/ SERVICES</th>
<th>QUANTITY</th>
<th>UNIT</th>
<th>UNIT PRICE</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>External painting including erection of necessary scaffolding at the US-government-owned Boulus Hanna residential buildings as per attached scope of work</td>
<td>1</td>
<td>LS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

13. NAME AND ADDRESS OF QUOTER
a. NAME OF QUOTER
b. STREET ADDRESS

c. COUNTY
d. CITY

e. STATE
f. ZIP CODE

14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION

15. DATE OF QUOTATION

16. SIGNER
a. NAME (Type or print)  
b. TELEPHONE

c. TITLE (Type or print)  
d. AREA CODE  

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

| Total Price (including all labor, materials, overhead and profit) | EGP |

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. The Contractor shall furnish and install all materials (Unless there are Government Furnished Materials / Contractor installation) required by this External Painting contract at Boulos Hanna to include, but not limited to, Execution, cement plastering, stone flooring and painting at 21 Boulos Hanna Street Apt 42 Dokki, Cairo Egypt. The Work shall be conducted in one phase as per attached specifications, BOQ and drawings.

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

C. PACKAGING AND MARKING

Mark materials delivered to the site as follows:

None

The remainder of this page is intentionally blank.
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 **15 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 **150 Calendar days from the Notice To Proceed (NTP) starting date**.

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

52.211-12 LIQUIDATED DAMAGES - CONSTRUCTION (SEPT 2000)

(a) If the Contractor fails to complete the work within the time specified in the contract, or any extension, the Contractor shall pay liquidated damages to the Government in the amount of **EGP 875.00** for each calendar day of delay until the work is completed or accepted.
(b) If the Government terminates the Contractor’s right to proceed, liquidated
damages will continue to accrue until the work is completed. These liquidated damages are in
addition to excess costs of repurchase under the Default clause.

CONTRACTOR’S SUBMISSION OF CONSTRUCTION SCHEDULES

(a) The time for submission of the schedules referenced in FAR 52.236-15, "Schedules for
Construction Contracts", paragraph (a), is hereby modified to reflect the due date for
submission as “10 Working 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 during **Sunday through Thursday from 08:00 am to 04:30 pm.** Other hours, if requested by the Contractor, may be approved by the Contracting Officer’s Representative (COR). The Contractor shall give **48 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.

<table>
<thead>
<tr>
<th>Holiday</th>
<th>American Date</th>
<th>Egyptian Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Year’s Day</td>
<td></td>
<td>Sunday January 2</td>
</tr>
<tr>
<td>Coptic Christmas</td>
<td></td>
<td>Friday January 7*</td>
</tr>
<tr>
<td>Martin Luther King’s Birthday</td>
<td>American</td>
<td>Sunday January 16</td>
</tr>
<tr>
<td>Revolution/Police Day*</td>
<td>Egyptian</td>
<td>Tuesday January 25*</td>
</tr>
<tr>
<td>Washington’s Birthday</td>
<td>American</td>
<td>Sunday February 20</td>
</tr>
<tr>
<td>Sinai Liberation Day</td>
<td>Egyptian</td>
<td>Monday April 25*</td>
</tr>
<tr>
<td>Sham El Nessim</td>
<td>Egyptian</td>
<td>Monday April 25*</td>
</tr>
<tr>
<td>Labor Day</td>
<td>Egyptian</td>
<td>Sunday May 1</td>
</tr>
<tr>
<td>Eid El Fitr**</td>
<td>Egyptian</td>
<td>Mon/Tues May 2/3**</td>
</tr>
<tr>
<td>Memorial Day</td>
<td>American</td>
<td>Sunday May 29</td>
</tr>
<tr>
<td>Juneteenth</td>
<td>American</td>
<td>Sunday June 19</td>
</tr>
<tr>
<td>June 30 Revolution</td>
<td>Egyptian</td>
<td>Thursday June 30</td>
</tr>
<tr>
<td>Independence Day</td>
<td>American</td>
<td>Monday July 4</td>
</tr>
<tr>
<td>Eid Al Adha**</td>
<td>Egyptian</td>
<td>Fri/Sat/Sun July 8-10**</td>
</tr>
<tr>
<td>National Day*</td>
<td>Egyptian</td>
<td>Saturday July 23*</td>
</tr>
<tr>
<td>Islamic New Year**</td>
<td>Egyptian</td>
<td>Saturday July 30**</td>
</tr>
<tr>
<td>Labor Day</td>
<td>American</td>
<td>Sunday September 4</td>
</tr>
<tr>
<td>Armed Forces Day</td>
<td>Egyptian</td>
<td>Thursday October 4</td>
</tr>
<tr>
<td>Moulid El Nabi**</td>
<td>Egyptian</td>
<td>Saturday October 8**</td>
</tr>
<tr>
<td>Columbus Day</td>
<td>American</td>
<td>Sunday October 9</td>
</tr>
<tr>
<td>Veteran’s Day</td>
<td>American</td>
<td>Thursday November 10</td>
</tr>
<tr>
<td>Thanksgiving Day</td>
<td>American</td>
<td>Thursday November 24</td>
</tr>
<tr>
<td>Christmas Day</td>
<td>American</td>
<td>Sunday December 25</td>
</tr>
</tbody>
</table>

*The Embassy will consider moving the observance date of local holidays falling on weekends or otherwise in the event that the Egyptian Government issues decisions mandating that both the public and private sector change the observance date of a local holiday.*
**Dates of Islamic holidays are subject to confirmation from Dar al Ifta, and may vary from the above projected dates.**

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

**PRECONSTRUCTION CONFERENCE**

A preconstruction conference will be held 10 days after contract award at **21 Boulos Hanna Street, Cairo Egypt** to discuss the schedule, submittals, notice to proceed, mobilization and other important issues that effect construction progress. See FAR 52.236-26, Preconstruction Conference.

| DELIVERABLES - The following items shall be delivered under this contract: |
| --- | --- | --- |
| **Description** | **Quantity** | **Deliver Date** | **Deliver To** |
| Section G. Securities/Insurance | 1 | 10 days after award | CO |
| Section E. Construction Schedule | 1 | 10 days after award | COR |
| Section E. Preconstruction Conference | 1 | 10 days after award | COR |
| Section G. Personnel Biographies | 1 | 10 days after award | COR |
| Section F. Payment Request | 1 | 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 |

The remainder of this page is intentionally blank.
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 **Facility Engineer.**

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.

**U.S. Embassy Cairo**
**Financial Management Office – DBO**
CairoDBO@state.gov

The remainder of this page is intentionally blank.
G. SPECIAL REQUIREMENTS

G.1.0 PERFORMANCE/PAYMENT PROTECTION - The Contractor shall furnish some form of payment protection as described in 52.228-13 in the amount 10% of the contract price through a company check, irrevocable letters of credit, or bank guarantee.

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

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

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

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

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

<table>
<thead>
<tr>
<th>(1) BODILY INJURY, ON OR OFF THE SITE, IN U.S. DOLLARS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Per Occurrence</td>
<td>$5,000</td>
</tr>
<tr>
<td>Cumulative</td>
<td>$15,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(2) PROPERTY DAMAGE, ON OR OFF THE SITE, IN U.S. DOLLARS</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Per Occurrence</td>
<td>$10,000</td>
</tr>
<tr>
<td>Cumulative</td>
<td>$20,000</td>
</tr>
</tbody>
</table>
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 **30 calendar days** to perform. For each individual the list shall include:

- Full Name
- Place and Date of Birth
- Current Address
- National Identification number
- Fingerprint Card
- Participation in a personal interview with Embassy security staff

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.

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

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

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

<table>
<thead>
<tr>
<th>CLAUSE</th>
<th>TITLE AND DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>52.202-1</td>
<td>DEFINITIONS (JUN 2020)</td>
</tr>
<tr>
<td>52.204-9</td>
<td>PERSONAL IDENTIFICATION VERIFICATION OF CONTRACTOR PERSONNEL (JAN 2011)</td>
</tr>
<tr>
<td>52.204-10</td>
<td>REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS (JUN 2020)</td>
</tr>
<tr>
<td>52.204-13</td>
<td>SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (OCT 2018)</td>
</tr>
<tr>
<td>52.204-18</td>
<td>COMMERCIAL AND GOVERNMENT ENTITY CODE MAINTENANCE (AUG 2020)</td>
</tr>
<tr>
<td>52.204-19</td>
<td>INCORPORATION BY REFERENCE OF REPRESENTATIONS AND CERTIFICATIONS (DEC 2014)</td>
</tr>
<tr>
<td>52.209-6</td>
<td>PROTECTING THE GOVERNMENT’S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED OR PROPOSED FOR DEBARMENT (JUN 2020)</td>
</tr>
<tr>
<td>52.213-4</td>
<td>TERMS AND CONDITIONS – SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL PRODUCTS AND COMMERCIAL SERVICES (JAN 2022)</td>
</tr>
<tr>
<td>52.216-7</td>
<td>ALLOWABLE COST AND PAYMENT (JUN 2013)</td>
</tr>
<tr>
<td>52.222-1</td>
<td>NOTICE TO THE GOVERNMENT OF LABOR DISPUTES (FEB 1997)</td>
</tr>
<tr>
<td>52.222-19</td>
<td>CHILD LABOR – COOPERATION WITH AUTHORITIES AND REMEDIES (JAN 2018)</td>
</tr>
</tbody>
</table>
52.222-50  COMBATING TRAFFICKING IN PERSONS (OCT 2020)
52.223-18  ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING (JUN 2020)
52.225-13  RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (FEB 2021)
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)
52.228-4  WORKERS’ COMPENSATION AND WAR-HAZARD INSURANCE OVERSEAS (APR 1984)
52.228-5  INSURANCE - WORK ON A GOVERNMENT INSTALLATION (JAN 1997)
52.228-11  PLEDGES OF ASSETS (FEB 2021)
52.228-13  ALTERNATIVE PAYMENT PROTECTION (JULY 2000)
52.228-14  IRREVOCABLE LETTER OF CREDIT (NOV 2014)
52.228-15  PERFORMANCE AND PAYMENT BONDS-CONSTRUCTION (JUN 2020)
52.229-6  TAXES - FOREIGN FIXED-PRICE CONTRACTS (FEB 2013)
52.229-7  TAXES- FIXED PRICE CONTRACTS WITH FOREIGN GOVERNMENTS (FEB 2013)
52.232-5  PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS  (MAY 2014)
52.232-8  DISCOUNTS FOR PROMPT PAYMENT (FEB 2002)
52.232-11  EXTRAS (APR 1984)
52.232-18  AVAILABILITY OF FUNDS (APR 1984)
52.232-22  LIMITATION OF FUNDS (APR 1984)
52.232-25  PROMPT PAYMENT (JULY 2013)
52.232-27  PROMPT PAYMENT FOR CONSTRUCTION CONTRACTS (MAY 2014)
<table>
<thead>
<tr>
<th>Clause</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>52.232-33</td>
<td>PAYMENT BY ELECTRONIC FUNDS TRANSFER - SYSTEM FOR AWARD MANAGEMENT (OCT 2018)</td>
</tr>
<tr>
<td>52.232-34</td>
<td>PAYMENT BY ELECTRONIC FUNDS TRANSFER – OTHER THAN SYSTEM FOR AWARD MANAGEMENT (JULY 2013)</td>
</tr>
<tr>
<td>52.233-1</td>
<td>DISPUTES (MAY 2014) Alternate I (DEC 1991)</td>
</tr>
<tr>
<td>52.233-3</td>
<td>PROTEST AFTER AWARD (AUG 1996)</td>
</tr>
<tr>
<td>52.236-2</td>
<td>DIFFERING SITE CONDITIONS (APR 1984)</td>
</tr>
<tr>
<td>52.236-3</td>
<td>SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK (APR 1984)</td>
</tr>
<tr>
<td>52.236-5</td>
<td>MATERIAL AND WORKMANSHIP (APR 1984)</td>
</tr>
<tr>
<td>52.236-6</td>
<td>SUPERINTENDENCE BY THE CONTRACTOR (APR 1984)</td>
</tr>
<tr>
<td>52.236-7</td>
<td>PERMITS AND RESPONSIBILITIES (NOV 1991)</td>
</tr>
<tr>
<td>52.236-8</td>
<td>OTHER CONTRACTS (APR 1984)</td>
</tr>
<tr>
<td>52.236-9</td>
<td>PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS (APR 1984)</td>
</tr>
<tr>
<td>52.236-10</td>
<td>OPERATIONS AND STORAGE AREAS (APR 1984)</td>
</tr>
<tr>
<td>52.236-11</td>
<td>USE AND POSSESSION PRIOR TO COMPLETION (APR 1984)</td>
</tr>
<tr>
<td>52.236-12</td>
<td>CLEANING UP (APR 1984)</td>
</tr>
<tr>
<td>52.236-13</td>
<td>ACCIDENT PREVENTION (NOV 1991)</td>
</tr>
<tr>
<td>52.236-14</td>
<td>AVAILABILITY AND USE OF UTILITY SERVICES (APR 1984)</td>
</tr>
<tr>
<td>52.236-15</td>
<td>SCHEDULES FOR CONSTRUCTION CONTRACTS (APR 1984)</td>
</tr>
<tr>
<td>52.236-21</td>
<td>SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (FEB 1997)</td>
</tr>
<tr>
<td>52.236-26</td>
<td>PRECONSTRUCTION CONFERENCE (FEB 1995)</td>
</tr>
<tr>
<td>52.242-14</td>
<td>SUSPENSION OF WORK (APR 1984)</td>
</tr>
</tbody>
</table>
52.243-4  CHANGES (JUN 2007)
52.243-5  CHANGES AND CHANGED CONDITIONS (APR 1984)
52.244-6  SUBCONTRACTS FOR COMMERCIAL PRODUCTS AND COMMERCIAL SERVICES (JAN 2022)
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 (JUN 2020)
52.249-2  TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (APR 2012)
52.249-10  DEFAULT (FIXED-PRICE CONSTRUCTION) (APR 1984)
52.249-14  EXCUSABLE DELAYS (APR 1984)
I.  FAR CLAUSES INCORPORATED IN FULL TEXT
52.204-25  PROHIBITION ON CONTRACTING FOR CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT (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


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.
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.

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.

ADDITIONAL SAFETY MEASURES (OCT 2017)

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

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

1) Scaffolding;

2) Work at heights above 1.8 meters;
(3) Trenching or other excavation greater than one (1) meter in depth;

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

(5) Cranes and rigging;

(6) Welding or cutting and other hot work;

(7) Partial or total demolition of a structure;

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

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

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

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

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

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

(d) Records. The contractor shall maintain an accurate record on all mishaps incident to work performed under this contract resulting in death, traumatic injury, occupational disease, or damage to or theft of property, materials, supplies, or equipment. The contractor shall report this data in the manner prescribed by the contracting officer.
(e) **Subcontracts.** The contractor shall insert this clause, including this paragraph (e), with appropriate changes in the designation of the parties, in subcontracts.

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

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

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

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

(End of clause)

652.242-73 **AUTHORIZATION AND PERFORMANCE (AUG 1999)**

(a) The Contractor warrants the following:

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

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

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

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

(End of clause)

652.243-70 **NOTICES (AUG 1999)**

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

(End of clause)

The remainder of this page is intentionally blank.
I. **LIST OF ATTACHMENTS**

<table>
<thead>
<tr>
<th>ATTACHMENT NUMBER</th>
<th>DESCRIPTION OF ATTACHMENT</th>
<th>NUMBER OF PAGES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attachment 1</td>
<td>Standard Form 25, &quot;Performance and Guaranty Bond&quot;</td>
<td>2</td>
</tr>
<tr>
<td>Attachment 2</td>
<td>Standard Form 25A, &quot;Payment Bond&quot;</td>
<td>2</td>
</tr>
<tr>
<td>Attachment 3</td>
<td>Sample Bank Letter of Guaranty</td>
<td>1</td>
</tr>
<tr>
<td>Attachment 4</td>
<td>Breakdown of Price by Divisions of Specifications</td>
<td>2</td>
</tr>
<tr>
<td>Attachment 5</td>
<td>Drawings</td>
<td>To be hand delivered</td>
</tr>
<tr>
<td>Attachment 6</td>
<td>Specifications</td>
<td>39</td>
</tr>
</tbody>
</table>

The remainder of this page is intentionally blank.
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.

<table>
<thead>
<tr>
<th>VOLUME</th>
<th>TITLE</th>
<th>NUMBER OF COPIES*</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Standard Form 18 including a completed Attachment 4, &quot;BREAKDOWN OF PROPOSAL PRICE BY DIVISIONS OF SPECIFICATIONS</td>
<td>1</td>
</tr>
<tr>
<td>II</td>
<td>Performance schedule in the form of a &quot;bar chart&quot; and Business Management/Technical Proposal</td>
<td>1</td>
</tr>
</tbody>
</table>
Submit the complete quotation to the address indicated. If mailed, on Standard Form 18, or if hand-delivered, use the address set forth below:

CairoContracts@state.gov (preferred)
U.S. Embassy Cairo
ATTN: GSO/Contracting Office

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.


(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 **June 13, 2022 at 11:00 AM (Please make sure to be at site at least 30 mins prior to allow time for security check)**

(c) Participants will meet at **21 Boulos Hanna Street Dokki, Cairo Egypt.**

D. **MAGNITUDE OF CONSTRUCTION PROJECT**

It is anticipated that the range in price of this contract will be:

*Between $25,000 and $100,000*

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):

<table>
<thead>
<tr>
<th>PROVISION</th>
<th>TITLE AND DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>52.204-7</td>
<td>SYSTEM FOR AWARD MANAGEMENT (OCT 2018)</td>
</tr>
<tr>
<td>52.204-7 ALT-I</td>
<td>SYSTEM FOR AWARD MANAGEMENT (OCT 2018)</td>
</tr>
<tr>
<td>52.204-16</td>
<td>COMMERCIAL AND GOVERNMENT ENTITY CODE REPORTING (JUL 2016)</td>
</tr>
<tr>
<td>52.214-34</td>
<td>SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE (APR 1991)</td>
</tr>
<tr>
<td>52.215-1</td>
<td>INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (JAN 2004)</td>
</tr>
</tbody>
</table>
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:

- PAST PERFORMANCE & CONSTRUCTION EXPERIENCE
- Organization; staff experience and ability to obtain them, Qualification data for the project manager and the site engineer
- Performance Schedule in CPM.
- PRELIMINARY QUALITY MANAGEMENT PROGRAM
- Safety Program & Plan
- Technical Data & Manufacture's Catalogue.
- 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.

The remainder of this page is intentionally blank.
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 (SEP 2021)

(a) (1) The North American Industry Classification System (NAICS) code for this acquisition is _236118, _236220, _237110, _237310, _237990_.

  236118 - Construction Management, residential remodeling
  236220 - Construction Management, commercial and institutional building or Warehouse construction
  237110 - Construction Management, water and sewage line and related structures
  237310 - Construction Management, highway road, street or bridge
  237990 - Construction Management, outdoor recreation facility

(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.

  (i) Is set aside for small business and has a value above the simplified acquisition threshold;

  (ii) Uses the HUBZone price evaluation preference regardless of dollar value, unless the offeror waives the price evaluation preference; or

  (iii) Is an 8(a), HUBZone, service-disabled veteran-owned, economically disadvantaged women-owned, or women-owned small business set-aside or sole-source award regardless of dollar value.
(b) (1) If the provision at 52.204-7, System for Award Management, is included in this solicitation, paragraph (d) of this provision applies.

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

(i) □ Paragraph (d) applies.

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

(c)

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

(i) 52.203-2, Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless–

(A) The acquisition is to be made under the simplified acquisition procedures in part 13;

(B) The solicitation is a request for technical proposals under two-step sealed bidding procedures; or

(C) The solicitation is for utility services for which rates are set by law or regulation.

(ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed $150,000.

(iii) 52.203-18, Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements or Statements-Representation. This provision applies to all solicitations.

(iv) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the provision at 52.204-7, System for Award Management.
(v) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that-

(A) Are not set aside for small business concerns;

(B) Exceed the simplified acquisition threshold; and

(C) Are for contracts that will be performed in the United States or its outlying areas.

(vi) 52.204-26, Covered Telecommunications Equipment or Services-Representation. This provision applies to all solicitations.

(vii) 52.209-2, Prohibition on Contracting with Inverted Domestic Corporations-Representation.

(viii) 52.209-5, Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.

(ix) 52.209-11, Representation by Corporations Regarding Delinquent Tax Liability or a Felony Conviction under any Federal Law. This provision applies to all solicitations.

(x) 52.214-14, Place of Performance-Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.

(xi) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.

(xii) 52.219-1, Small Business Program Representations (Basic, Alternates I, and II). This provision applies to solicitations when the contract 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**.

(xxii) **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](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.

<table>
<thead>
<tr>
<th>FAR Clause #</th>
<th>Title Date Change</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 (OCT 2020).**

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

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

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

(b) Prohibition.

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

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

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

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

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

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

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

(d) Representation. The Offeror represents that—

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

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

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

(e) Disclosures.

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

(i) For covered equipment—

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

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

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

(ii) For covered services—

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

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

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

(i) For covered equipment—

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

(B) A description of all covered telecommunications equipment offered (include brand; model number, such as OEM number, manufacturer part number, or wholesaler number; and item description, as applicable); and
(C) Explanation of the proposed use of covered telecommunications equipment and any factors relevant to determining if such use would be permissible under the prohibition in paragraph (b)(2) of this provision.

(ii) For covered services—

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

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

(End of provision)

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.

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

L.8 52.228-17 INDIVIDUAL SURETY—PLEDGE OF ASSETS (BID GUARANTEE). (FEB 2021)

(End of provision)

L.9 52.204-26 Covered Telecommunications Equipment or Services-Representation (OCT 2020)

(a) Definitions. As used in this provision, “covered telecommunications equipment or services” and “reasonable inquiry” have the meaning provided in the clause 52.204-25, Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.
(b) **Procedures.** The Offeror shall review the list of excluded parties in the System for Award Management (SAM) ([https://www.sam.gov](https://www.sam.gov)) for entities excluded from receiving federal awards for “covered telecommunications equipment or services”.

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

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

(End of Provision)
**PERFORMANCE BOND**

*See instructions on reverse*

---

**PRINCIPAL** (Legal name and business address)

<table>
<thead>
<tr>
<th>SIGNATURE(S)</th>
<th>1.</th>
<th>2.</th>
<th>3.</th>
<th>Corporate Seal</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME(S) &amp; TITLE(S) (Typed)</td>
<td>1.</td>
<td>2.</td>
<td>3.</td>
<td></td>
</tr>
</tbody>
</table>

**SURETY(IES) (Name(s) and business address(es))**

<table>
<thead>
<tr>
<th>PENAL SUM OF BOND</th>
</tr>
</thead>
<tbody>
<tr>
<td>MILLION(S)</td>
</tr>
</tbody>
</table>

**OBLIGATION**

We, the Principal and Surety (ies), are firmly bound to the United States of America (hereinafter called the Government) in the above penal sum. For payment of the penal sum, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally. However, where the Sureties are corporations acting as co-sureties, bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action against any or all of us. for all other purposes, each Surety binds itself, jointly and severally with the Principal, for the payment of the sum shown opposite the name of the Surety. If no limit of liability is indicated, the limit of liability is the full amount of the penal sum.

**CONDITIONS**

The Principal has entered into the contract identified above.

**THEREFORE**

The above obligation is void if the Principal-

(a)(1) Performs and fulfills all the undertaking, covenants, terms, conditions, and agreements of the contract during the original term of the contract and any extensions thereof that are granted by the Government, with or without notice of the Surety(ies) and during the life of any guaranty required under the contract, and (2) performs and fulfills all the undertakings, covenants, terms conditions, and agreements of any and all duly authorized modifications of the contract that hereafter are made. Notice of those modifications to the Surety(ies) are waived.

(b) Pays to the Government the full amount of the taxes imposed by the Government, if the said contracts is subject to the Miller Act, (40 U.S.C. 270a-270e), which are collected, deducted, or withheld from wages paid by the Principal in carrying out the construction contract with respect to which this bond is furnished.

**WITNESS**

The Principal and Surety(ies) executed this performance bond and affixed their seals on the above date.

---

**SIGNATURE(S)**

<table>
<thead>
<tr>
<th>SIGNATURE(S)</th>
<th>1.</th>
<th>2.</th>
<th>3.</th>
<th>Corporate Seal</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME(S) &amp; TITLE(S) (Typed)</td>
<td>1.</td>
<td>2.</td>
<td>3.</td>
<td></td>
</tr>
</tbody>
</table>

---

**INFORMATION SURETY(IES)**

<table>
<thead>
<tr>
<th>SIGNATURE(S)</th>
<th>1.</th>
<th>2.</th>
<th>Corporate Seal</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME(S) (Typed)</td>
<td>1.</td>
<td>2.</td>
<td></td>
</tr>
</tbody>
</table>

---

**CORPORATE SURETY(IES)**

<table>
<thead>
<tr>
<th>SURETY A</th>
<th>NAME &amp; ADDRESS</th>
<th>STATE OF INC.</th>
<th>LIABILITY LIMIT ($)</th>
<th>Corporate Seal</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIGNATURE(S)</td>
<td>1.</td>
<td>2.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NAME(S) &amp; TITLE(S) (Typed)</td>
<td>1.</td>
<td>2.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**STANDARD FORM 25 (REV. 5/1996)**

Prescribed by GSA-FAR (48 CFR) 53.228 (b)

Solicitation 19EG3022Q0016 FAC Boulus Hanna External Painting Project (PR10752032) 45
1. This form is authorized for use in connection with Government contracts. Any deviation from this form will require the written approval of the Administrator of General Services.

2. Insert the full legal name and business address of the Principal in the space designated “Principal” on the face of the form. An authorized person shall sign the bond. Any person signing in a representative capacity (e.g., attorney-in-fact) must furnish evidence of authority if that representative is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.

3. (a) Corporations executing the bond as sureties must appear on the Treasury’s list of approved sureties and must act within the limitation listen therein. Where more than one corporate surety is involved, their names and addresses shall appear in the spaces (Surety A, Surety B, etc.) headed “CORPORATE SURETY(IES)”.

(b) Where individual sureties are involved, a completed Affidavit of Individual Surety (standard Form 28) for each individual surety, shall accompany the bond. The Government may require the surety to furnish additional substantiating information concerning their financial capability.

4. Corporation executing the bond shall affix their corporate seals. Individual shall execute the bond opposite the word “Corporate Seal”, and shall affix an adhesive seal if executed in Maine, New Hampshire, or any other jurisdiction requiring adhesive seals.

5. Type the name and title of each person signing this bond in the space provided.
**PAYMENT BOND**  
*(See instructions on reverse)*

**DATE BOND EXECUTED** *(Must be same or later than date of contract)*  

OMB No.: 9000-0045

---

Public reporting burden for this collection of information is estimated to average 25 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the FAR Secretariat (MVR), Federal Acquisition Policy Division, GSA, Washington, DC 20405.

---

**PRINCIPAL** *(Legal name and business address)*

- **TYPE OF ORGANIZATION** *(“X” one)*
  - [ ] INDIVIDUAL
  - [ ] PARTNERSHIP
  - [ ] JOINT VENTURE
  - [ ] CORPORATION

**SURETY(IES)** *(Name(s) and business address(es))*

<table>
<thead>
<tr>
<th>PENAL SUM OF BOND</th>
</tr>
</thead>
<tbody>
<tr>
<td>MILLION(S)</td>
</tr>
</tbody>
</table>

**CONTRACT DATE**

**CONTRACT NO.**

---

**OBLIGATION:**

We, the Principal and Surety(ies), are firmly bound to the United States of America (hereinafter called the Government) in the above penal sum. For payment of the penal sum, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally. However, where the Sureties are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action or actions against any or all of us. For all other purposes, each Surety binds itself, jointly and severally with the Principal, for the payment of the sum shown opposite the name of the Surety. If no limit of liability is indicated, the limit of liability is the full amount of the penal sum.

**CONDITIONS:**

The above obligation is void if the Principal promptly makes payment to all persons having a direct relationship with the Principal or a subcontractor of the Principal for furnishing labor, material or both in the prosecution of the work provided for in the contract identified above, and any authorized modifications of the contract that subsequently are made. Notice of those modifications to the Surety(ies) are waived.

**WITNESS:**

The Principal and Surety(ies) executed this payment bond and affixed their seals on the above date.

---

**PRINCIPAL**

<table>
<thead>
<tr>
<th>SIGNATURE(S)</th>
<th>1.</th>
<th>2.</th>
<th>3.</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME(S) &amp; TITLE(S) <em>(Typed)</em></td>
<td>1.</td>
<td>2.</td>
<td>3.</td>
</tr>
<tr>
<td>(Seal)</td>
<td>(Seal)</td>
<td>(Seal)</td>
<td></td>
</tr>
</tbody>
</table>

**Corporate Seal**

---

**INDIVIDUAL SURETY(IES)**

<table>
<thead>
<tr>
<th>SIGNATURE(S)</th>
<th>1.</th>
<th>2.</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME(S) <em>(Typed)</em></td>
<td>1.</td>
<td>2.</td>
</tr>
<tr>
<td>(Seal)</td>
<td>(Seal)</td>
<td></td>
</tr>
</tbody>
</table>

---

**CORPORATE SURETY(IES)**

<table>
<thead>
<tr>
<th>SIGNATURE(S)</th>
<th>1.</th>
<th>2.</th>
</tr>
</thead>
<tbody>
<tr>
<td>NAME &amp; ADDRESS</td>
<td>1.</td>
<td>2.</td>
</tr>
<tr>
<td>STATE OF INC.</td>
<td>LIABILITY LIMIT</td>
<td></td>
</tr>
<tr>
<td>NAME(S) &amp; TITLE(S) <em>(Typed)</em></td>
<td>1.</td>
<td>2.</td>
</tr>
<tr>
<td>Corporate Seal</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

AUTHORIZED FOR LOCAL REPRODUCTION  
Previous edition is usable  

Solicitation 19EG3022Q0016 FAC Boulus Hanna External Painting Project (PR10752032)  

STANDARD FORM 25A *(REV. 10-98)*  
Prescribed by GSA-FAR *(48 CFR) 53.2228(c)*
### INSTRUCTIONS

1. This form, for the protection of persons supplying labor and material, is used when a payment bond is required under the Act of August 24, 1935, 49 Stat. 793 (40 U.S.C. 270a-270e). Any deviation from this form will require the written approval of the Administrator of General Services.

2. Insert the full legal name and business address of the Principal in the space designated "Principal" on the face of the form. An authorized person shall sign the bond. Any person signing in a representative capacity (e.g., an attorney-in-fact) must furnish evidence of authority if that representative is not a member of the firm, partnership, or joint venture, or an officer of the corporation involved.

3. (a) Corporations executing the bond as sureties must appear on the Department of the Treasury's list of approved sureties and must act within the limitation listed therein. Where more than one corporate surety is involved, their names and addresses shall appear in the spaces (Surety A, Surety B, etc.) headed "CORPORATE SURETY(IES)." In the space designated "SURETY(IES)" on the face of the form, insert only the letter identification of the sureties.

   (b) Where individual sureties are involved, a completed Affidavit of Individual Surety (Standard Form 28) for each individual surety, shall accompany the bond. The Government may require the surety to furnish additional substantiating information concerning their financial capability.

4. Corporations executing the bond shall affix their corporate seals. Individuals shall execute the bond opposite the word "Corporate Seal," and shall affix an adhesive seal if executed in Maine, New Hampshire, or any other jurisdiction requiring adhesive seals.

5. Type the name and title of each person signing this bond in the space provided.
ATTACHMENT #3 - SAMPLE LETTER OF BANK GUARANTY

Place __________________
Date __________________

Contracting Officer
U.S. Embassy, Cairo
8 Kamal El Din Salah Garden City
Cairo Egypt

Letter of Guaranty No. ______

SUBJECT: Performance and Guaranty

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

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

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

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

Depository Institution: [name]
Address: __________________________
Representatives: ____________________
Location: __________________________
State of Inc.: ______________________
Corporate Seal: _____________________

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

**TENDER DOCUMENTS**

**BREAKDOWN OF PROPOSAL PRICES**

**PROJECT:** Residential building 21 Boulos Hanna, Dokki

<table>
<thead>
<tr>
<th>Div/Spec No.</th>
<th>Item</th>
<th>Unit Rates Labor</th>
<th>Unit Rates Material</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### DIVISION 1 GENERAL CONDITIONS

- Mobilization, Temporary Utilities, Scaffolding, shutters, compliance with Safety, etc.

| A | Mobilization |
|   |              |

#### DIVISION 2 Scaffolding

1. Erect necessary scaffolding for painting and washing purposes of the external elevation of the compound complying to EM 385-1-1

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>L.S</td>
<td></td>
</tr>
</tbody>
</table>

#### DIVISION 3 FINISHES

**092400** Cement Plastering

- Portland cement plaster: plain finish; including metal angle beads, stop beads; metal lathing; accessories for fittings; to

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Repair and patch existing plaster</td>
</tr>
<tr>
<td>2</td>
<td>Plaster reveals</td>
</tr>
</tbody>
</table>

**096340** Stone Flooring

- Marble and Granite shall be as specified and as per the approved sample including fixation using cement mortar or thin set adhesive

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Granite 2cm thick &quot;Red Forsan&quot;</td>
</tr>
</tbody>
</table>

**099100** Painting

- Exterior painting, resistant to UV without color fading, Jotashield of Juton, or equal approved.

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Corridor walls, ceiling and Stair case Painting walls, plastered masonry, pre-painted, two coats of rough textured exterior paint, following surface preparation (wash and clean old paint and apply putty)</td>
</tr>
<tr>
<td>2</td>
<td>External Walls of the building Painting walls, plastered masonry, pre-painted, two coats of rough textured exterior paint, following surface preparation (wash and clean old paint and apply putty)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Qty</th>
<th>EGP</th>
<th>EGP</th>
<th>EGP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Labor</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ATTACHMENT #4**

Solicitation 19EG3022Q0016 FAC Boulus Hanna External Painting Project (PR10752032)
<table>
<thead>
<tr>
<th>Div/Spec . No.</th>
<th>Item Description</th>
<th>Unit</th>
<th>Qty</th>
<th>EGP</th>
<th>EGP</th>
<th>EGP</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Perimeter walls</td>
<td>m2</td>
<td>600</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Painting walls, plastered masonry, pre-painted, two coats of rough textured exterior paint,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>following surface preparation (wash and clean old paint and apply putty)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Wood Painting</td>
<td>L.S</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Painting Wood work, using semi-gloss enamel paint following surface preparation (remove previous</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>paint layers, apply putty, sand and smooth</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Metal Painting</td>
<td>L.S</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Painting decorative metal work (grille or parapet), using semi-gloss enamel paint following surface</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>preparation (remove previous paint layers, sand and smooth and apply primer)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Defense Base Act (DBA)</td>
<td>L.S</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total EGP**

**Total with Contingency**
ATTACHMENT #5 – DRAWINGS (1 Page)

Will be hand delivered
EXTERNAL PAINTINGS OF RESIDENTIAL GOVERNMENT OWNED BUILDING AT BOULUS HANNA

Description, Specifications, Drawings

And

Work Statement

Date: May 10, 2022
TABLE OF CONTENT

DIVISION 1  GENERAL CONDITIONS

011000       SUMMARY OF WORK
013200       CONSTRUCTION PROGRESS DOCUMENTATION
013300       SUBMITTAL PROCEDURES
014000       QUALITY REQUIREMENTS
015000       TEMPORARY FACILITIES AND CONTROLS
017300       EXECUTION
017700       CLOSEOUT PROCEDURES

DIVISION 2  FINISHES

092400       CEMENT PLASTERING
096340       STONE FLOORING
099100       PAINTING

END of Table of Content
PART 1 - GENERAL REQUIREMENTS

This statement of work covers the work required at the US-government-owned residential buildings. Work shall include US Government owned residential compound at 21 Boules Hanna, Dokki, Giza.

1.1 SUMMARY

1. Project information.
2. Work covered by Contract Documents.
3. Access to site.
4. Coordination with occupants.
5. Work restrictions.

1.2 PROJECT INFORMATION

A. Project Identification:

Work of this Contract includes:

1. Surface preparation, cleaning, plaster patching, crack repairs, and painting of all accessible external façades of the building, parking area, perimeter wall and external metal and woodwork.

2. The Erection of necessary scaffolding for all the compound facades for painting and washing purpose.

1.3 ACCESS TO SITE

A. Use of Site: Limit use of Project site to areas within the Contract limits. Do not disturb portions of Project site beyond areas in which the Work is indicated.

1. Limits: Confine installation operations to the areas as assigned by the COR.

2. Walkways and Entrances: Keep entrances serving premises clear and available to occupants and limit the work areas as assigned by the COR.

   Schedule deliveries to minimize use of driveways and entrances

B. Condition of Existing Building: Maintain portions of existing building affected by operations in a good condition throughout the installation period. Repair damage caused by operations.
1.4 COORDINATION WITH OCCUPANTS

A. Full Occupancy: the compound will be occupied during entire project period. The contractor shall coordinate with the COR during operations to minimize conflicts and facilitate Occupant usage. Perform the Work so as not to interfere with Occupants day-to-day operations. Maintain existing exits unless otherwise indicated.

1. Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities. Do not close or obstruct walkways, corridors, or other occupied or used facilities without written permission from the COR.
2. Notify the COR not less than 24 hours in advance of activities that will affect Occupant's operations.

1.5 WORK RESTRICTIONS

A. Work Restrictions, General: Comply with restrictions on installation operations.

1. Comply with limitations on use of public streets and with other requirements of authorities having jurisdiction.

B. On-Site Work Hours: Limit work in the existing building to normal business working hours of 8:00 a.m. to 5:00 p.m., Sunday through Thursday, unless otherwise indicated.

C. Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied unless permitted by the COR. Notify the COR not less than two work days in advance of proposed utility interruptions.

D. Noise, Vibration, and Odors: Coordinate operations that may result in high levels of noise and or other disruption to occupants with the COR.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 011000
SECTION 013200 - CONSTRUCTION PROGRESS DOCUMENTATION

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements for documenting the progress of construction during performance of the Work, including the following:

1. Contractor's construction schedule.
2. Construction schedule updating reports.
3. Daily construction reports.
4. Site condition reports.

1.2 DEFINITIONS

A. Activity: A discrete part of a project that can be identified for planning, scheduling, monitoring, and controlling the construction project. Activities included in a construction schedule consume time and resources.

1. Critical Activity: An activity on the critical path that must start and finish on the planned early start and finish times.
2. Predecessor Activity: An activity that precedes another activity in the network.
3. Successor Activity: An activity that follows another activity in the network.

B. CPM: Critical path method, which is a method of planning and scheduling a construction project where activities are arranged based on activity relationships. Network calculations determine when activities can be performed and the critical path of Project.

C. Critical Path: The longest connected chain of interdependent activities through the network schedule that establishes the minimum overall Project duration and contains no float.

1.3 INFORMATIONAL SUBMITTALS

A. Format for Submittals: Submit required submittals in the following format:

1. Working electronic copy of schedule file, where indicated.
2. PDF electronic file.

B. Startup Network Diagram: Of size required to display entire network for entire construction period. Show logic ties for activities.

C. Contractor's Construction Schedule: Initial schedule, of size required to display entire schedule for entire construction period.

D. Construction Schedule Updating Reports: Submit with Applications for Payment.
E. Daily Construction Reports: Submit at **weekly** intervals.

F. Site Condition Reports: Submit at time of discovery of differing conditions.

### 1.4 COORDINATION

A. Coordinate Contractor's construction schedule with the submittal schedule, progress reports, payment requests, and other required schedules and reports.

### PART 2 - PRODUCTS

#### 2.1 CONTRACTOR'S CONSTRUCTION SCHEDULE, GENERAL

A. Time Frame: Extend schedule from date established for **commencement of the Work** to date of **Final Completion**.

   1. Contract completion date shall not be changed by submission of a schedule that shows an early completion date, unless specifically authorized by Change Order.

B. Activities: Treat each separate area as a separate numbered activity for each main element of the Work. Comply with the following:

   1. Activity Duration: Define activities so no activity is longer than 10 days, unless specifically allowed by the COR.


   3. Substantial Completion: Indicate completion in advance of date established for Substantial Completion, and allow time for inspection and acceptance by the COR.

   4. Punch List and Final Completion: Include not more than 5 days for completion of punch list items and final completion.

C. Constraints: Include constraints and work restrictions indicated in the Contract Documents and as follows in schedule, and show how the sequence of the Work is affected.

D. Milestones: Include milestones indicated in the Contract Documents in schedule, including, but not limited to, the Notice to Proceed, Substantial Completion, and final completion.

E. Upcoming Work Summary: Prepare summary report indicating activities scheduled to occur or commence prior to submittal of next schedule update. Summarize the following issues:

   1. Unresolved issues.
   2. Unanswered Requests for Information.
   3. Rejected or unreturned submittals.
   4. Notations on returned submittals.
F. Recovery Schedule: When periodic update indicates the Work is 5 or more calendar days behind the current approved schedule, submit a separate recovery schedule indicating means by which Contractor intends to regain compliance with the schedule.

G. Computer Scheduling Software: Prepare schedules using current version of Microsoft Project.

H. Contract Modifications: For each proposed contract modification and concurrent with its submission, prepare a time-impact analysis using a network fragment to demonstrate the effect of the proposed change on the overall project schedule.

2.2 REPORTS

A. Daily Construction Reports: Prepare a daily construction report recording the following information concerning events at Project site:
   1. Approximate count of personnel at Project site.
   2. Material deliveries.
   3. General weather conditions.
   4. Accidents.
   5. Meetings and significant decisions.
   6. Unusual events.
   7. Stoppages, delays, shortages, and losses.
   8. Emergency procedures.
   9. Change Orders received and implemented.
   10. Construction Work Change Directives received and implemented.
   11. Services connected and disconnected.

B. Site Condition Reports: Immediately on discovery of a difference between site conditions and the Contract Documents, prepare and submit a detailed report. Submit with a Request for Information. Include a detailed description of the differing conditions, together with recommendations for changing the Contract Documents.

PART 3 - EXECUTION

3.1 CONTRACTOR'S CONSTRUCTION SCHEDULE

A. Contractor's Construction Schedule Updating: At bi-weekly intervals, update schedule to reflect actual construction progress and activities. Issue schedule 2 days before each regularly scheduled progress meeting.

   1. Revise schedule immediately after each meeting or other activity where revisions have been recognized or made. Issue updated schedule concurrently with the report of each such meeting.
   2. Include a report with updated schedule that indicates every change, including, but not limited to, changes in logic, durations, actual starts and finishes, and activity durations.
   3. As the Work progresses, indicate final completion percentage for each activity.

END OF SECTION 013200
SECTION 013300 - SUBMITTAL PROCEDURES

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes requirements for the submittal schedule and administrative and procedural requirements for submitting Shop Drawings, Product Data, Samples, and other submittals.

B. Related Requirements:
   1. Section 013200 "Construction Progress Documentation" for submitting schedules and reports, including Contractor's construction schedule.

1.2 DEFINITIONS

A. Action Submittals: Written and graphic information and physical samples that require COR’s responsive action.

B. Informational Submittals: Written and graphic information and physical samples that do not require COR’s responsive action. Submittals may be rejected for not complying with requirements.

1.3 ACTION SUBMITTALS

A. Submittal Schedule: Submit a schedule of submittals, arranged in chronological order by dates required by construction schedule. Include time required for review, ordering, manufacturing, fabrication, and delivery when establishing dates. Include additional time required for making corrections or revisions to submittals noted by COR and additional time for handling and reviewing submittals required by those corrections.

1.4 SUBMITTAL ADMINISTRATIVE REQUIREMENTS

A. Electronic copies of digital data files of the Contract Drawings may be provided for Contractor's use in preparing submittals.

B. Coordination: Coordinate preparation and processing of submittals with performance of construction activities.

C. Processing Time: Allow time for submittal review, including time for resubmittals, as follows. Time for review shall commence on COR’s receipt of submittal. No extension of the Contract Time will be authorized because of failure to transmit submittals enough in advance of the Work to permit processing, including resubmittals.

   1. Initial Review: Allow 10 days for initial review of each submittal. Allow additional time if coordination with subsequent submittals is required. COR will advise Contractor when a submittal being processed must be delayed for coordination.
2. Resubmittal Review: Allow 10 days for review of each resubmittal.

D. Paper Submittals: Place a permanent label or title block on each submittal item for identification.

E. Electronic Submittals: Identify and incorporate information in each electronic submittal file as follows:
   1. Assemble complete submittal package into a single indexed file incorporating submittal requirements of a single Specification Section and transmittal form with links enabling navigation to each item.
   2. Name file with submittal number or other unique identifier, including revision identifier.

F. Options: Identify options requiring selection by COR.

G. Deviations: Identify deviations from the Contract Documents on submittals.

H. Resubmittals: Make resubmittals in same form and number of copies as initial submittal.

I. Use for Construction: Retain complete copies of submittals on Project site. Use only final action submittals that are marked with approval notation from COR’s action stamp.

PART 2 - PRODUCTS

2.1 SUBMITTAL PROCEDURES

A. General Submittal Procedure Requirements:
   1. Submit electronic submittals via email as PDF electronic files.
      a. COR will return annotated file. Annotate and retain one copy of file as an electronic Project record document file.
   2. Action Submittals: Submit two paper copies of each submittal unless otherwise indicated. COR will return one copy.
   3. Informational Submittals: Submit one paper copy of each submittal unless otherwise indicated. COR will not return copies.
   4. Certificates and Certifications Submittals: Provide a statement that includes signature of entity responsible for preparing certification. Certificates and certifications shall be signed by an officer or other individual authorized to sign documents on behalf of that entity.
      a. Provide a notarized statement on original paper copy for the local permit.

B. Product Data: Collect information into a single submittal for each element of construction and type of product or equipment.
   1. If information must be specially prepared for submittal because standard published data are not suitable for use, submit as Shop Drawings, not as Product Data.
   2. Mark each copy of each submittal to show which products and options are applicable.
   3. Include the following information, as applicable:
   4. Submit Product Data before or concurrent with Samples.
C. Shop Drawings: Prepare Project-specific information, drawn accurately to scale. Do not base Shop Drawings on reproductions of the Contract Documents or standard printed data.

1. Preparation: Fully illustrate requirements in the Contract Documents. Include the following information, as applicable:
   a. Identification of products.
   b. Schedules.
   c. Compliance with specified standards.
   d. Notation of coordination requirements.
   e. Notation of dimensions established by field measurement.
   f. Relationship and attachment to adjoining construction clearly indicated.
   g. Seal and signature of professional engineer if specified.

2. Submit Shop Drawings in the following format:
   a. Two opaque (bond) copies of each submittal. COR will return one copy.

D. Samples: Submit Samples for review of kind, color, pattern, and texture for a check of these characteristics with other elements and for a comparison of these characteristics between submittal and actual component as delivered and installed.

1. Transmit Samples that contain multiple, related components such as accessories together in one submittal package.

2. Identification: Attach label on unexposed side of Samples that includes the following:
   a. Generic description of Sample.
   b. Product name and name of manufacturer.
   c. Sample source.
   d. Number and title of applicable Specification Section.

3. Disposition: Maintain sets of approved Samples at Project site, available for quality-control comparisons throughout the course of construction activity. Sample sets may be used to determine final acceptance of construction associated with each set.

4. Samples for Initial Selection: Submit manufacturer's color charts consisting of units or sections of units showing the full range of colors, textures, and patterns available.

E. Contractor's Construction Schedule: Comply with requirements specified in Section 013200 "Construction Progress Documentation."

F. Test and Inspection Reports and Schedule of Tests and Inspections Submittals: Comply with requirements specified in Section 014000 "Quality Requirements."

G. Closeout Submittals and Maintenance Material Submittals: Comply with requirements specified in Section 017700 "Closeout Procedures."

H. Qualification Data: Prepare written information that demonstrates capabilities and experience of firm or person. Include lists of completed projects with project names and addresses, contact information of architects and owners, and other information specified.
I. Field Test Reports: Submit written reports indicating and interpreting results of field tests performed either during installation of product or after product is installed in its final location, for compliance with requirements in the Contract Documents.

PART 3 - EXECUTION

3.1 CONTRACTOR'S REVIEW

A. Action and Informational Submittals: Review each submittal and check for coordination with other Work of the Contract and for compliance with the Contract Documents. Note corrections and field dimensions. Mark with approval stamp before submitting to COR.

B. Project Closeout: See requirements in Section 017700 "Closeout Procedures."

3.2 COR’s ACTION

A. General: COR will not review submittals that do not bear Contractor's approval stamp and will return them without action.

B. Action Submittals: COR will review each submittal, make marks to indicate corrections or revisions required, and return it. COR will stamp each submittal with an action stamp.

C. Informational Submittals: COR will review each submittal and will not return it, or will return it if it does not comply with requirements.

D. Incomplete submittals are unacceptable, will be considered nonresponsive, and will be returned for resubmittal without review.

E. Submittals not required by the Contract Documents may not be reviewed and may be discarded.

F. The contractors shall submit, as part of their bid:

1. Qualification Data: For the contractor to demonstrate their capabilities and experience in similar projects in type and scale. Include lists of completed projects with project names and addresses, names and addresses of architects and owners, and other information specified.

2. Qualification data for the project manager and site engineer.

3. The preliminary project schedule.

4. Special work procedures

5. Quality Control and Assurance program and plan


7. Scaffolds conceptual design drawing.

8. Technical data, manufacturer’s catalog cuts and details for:
   a. Scaffolds.
   b. Paint materials
9. List of all suppliers and sub-contractors

G. The contractor shall submit after contract award submittals as included in specification sections

END OF SECTION 013300
SECTION 014000 - QUALITY REQUIREMENTS

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements for quality assurance and quality control.

B. Testing and inspecting services are required to verify compliance with requirements specified or indicated. These services do not relieve Contractor of responsibility for compliance with the Contract Document requirements.

1. Specified tests, inspections, and related actions do not limit Contractor's other quality-assurance and -control procedures that facilitate compliance with the Contract Document requirements.

2. Specific test and inspection requirements are not specified in this Section.

1.2 DEFINITIONS

A. Quality-Assurance Services: Activities, actions, and procedures performed before and during execution of the Work to guard against defects and deficiencies and substantiate that proposed construction will comply with requirements.

B. Quality-Control Services: Tests, inspections, procedures, and related actions during and after execution of the Work to evaluate that actual products incorporated into the Work and completed construction comply with requirements. Services do not include contract enforcement activities performed by The COR.

C. Field Quality-Control Testing: Tests and inspections that are performed on-site for installation of the Work and for completed Work.

D. Testing Agency: An entity engaged to perform specific tests, inspections, or both. Testing laboratory shall mean the same as testing agency.

1.3 REPORTS AND DOCUMENTS

A. Test and Inspection Reports: Prepare and submit certified written reports specified in other Sections. Include the following:

1. Date of issue.
2. Project title and number.
3. Name, address, and telephone number of testing agency.
4. Dates and locations of samples and tests or inspections.
5. Names of individuals making tests and inspections.
6. Description of the Work and test and inspection method.
8. Complete test or inspection data.
9. Test and inspection results and an interpretation of test results.
10. Record of temperature and weather conditions at time of sample taking and testing and inspecting.

11. Name and signature of laboratory inspector.

12. Recommendations on retesting and reinspecting.

B. Permits, Licenses, and Certificates: For Owner's records, submit copies of permits, licenses, certifications, inspection reports, releases, jurisdictional settlements, notices, receipts for fee payments, judgments, correspondence, records, and similar documents, established for compliance with standards and regulations bearing on performance of the Work.

1.4 QUALITY ASSURANCE

A. General: Qualifications paragraphs in this article establish the minimum qualification levels required; individual Specification Sections specify additional requirements.

B. Manufacturer Qualifications: A firm experienced in manufacturing products or systems similar to those indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units.

C. Fabricator Qualifications: A firm experienced in producing products similar to those indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units.

D. Installer Qualifications: A firm or individual experienced in installing, erecting, or assembling work similar in material, design, and extent to that indicated for this Project, whose work has resulted in construction with a record of successful in-service performance.

E. Testing Agency Qualifications: an independent agency with the experience and capability to conduct testing and inspecting indicated.

F. Manufacturer's Representative Qualifications: An authorized representative of manufacturer who is trained and approved by manufacturer to observe and inspect installation of manufacturer's products that are similar in material, design, and extent to those indicated for this Project.

1.5 QUALITY CONTROL

A. Contractor Responsibilities: Tests and inspections not explicitly assigned to Owner are Contractor's responsibility. Perform additional quality-control activities required to verify that the Work complies with requirements, whether specified or not.

1. Where services are indicated as Contractor's responsibility, engage a qualified testing agency to perform these quality-control services.

2. Where quality-control services are indicated as Contractor's responsibility, submit a certified written report, in duplicate, of each quality-control service.

3. Testing and inspecting requested by Contractor and not required by the Contract Documents are Contractor's responsibility.
B. Retesting/Re-inspecting: Regardless of whether original tests or inspections were Contractor's responsibility, provide quality-control services, including re-testing and re-inspecting, for construction that replaced Work that failed to comply with the Contract Documents.

C. Testing Agency Responsibilities: Cooperate with COR in performance of duties. Provide qualified personnel to perform required tests and inspections. 
   1. Facilities for storage and field curing of test samples.

D. Coordination: Coordinate sequence of activities to accommodate required quality-assurance and -control services with a minimum of delay and to avoid necessity of removing and replacing construction to accommodate testing and inspecting.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 REPAIR AND PROTECTION

A. General: On completion of testing, inspecting, sample taking, and similar services, repair damaged construction and restore substrates and finishes.

   1. Provide materials and comply with installation requirements specified in other Specification Sections or matching existing substrates and finishes. Restore patched areas and extend restoration into adjoining areas with durable seams that are as invisible as possible. Comply with the Contract Document requirements for cutting and patching in Section 017300 "Execution."

B. Protect construction exposed by or for quality-control service activities.

C. Repair and protection are Contractor's responsibility, regardless of the assignment of responsibility for quality-control services.

END OF SECTION 014000
SECTION 015000 - TEMPORARY FACILITIES AND CONTROLS

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes requirements for temporary utilities, support facilities, and security and protection facilities.

B. Related Requirements:

1. Section 011000 "Summary" for work restrictions and limitations on utility interruptions.

1.2 USE CHARGES

A. Water and Sewer Service from Existing System: Water from existing water system is available for use without metering and without payment of use charges. Provide connections and extensions of services as required for construction operations.

B. Electric Power Service from Existing System: Electric power from existing system is available for use without metering and without payment of use charges. Provide connections and extensions of services as required for construction operations.

1.3 QUALITY ASSURANCE

A. Electric Service: Comply with NECA, NEMA, and UL standards and regulations for temporary electric service. Install service to comply with NFPA 70.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Wood Enclosure Fence, corrugated sheets or portable chain link fence around construction area.

2.2 TEMPORARY FACILITIES

A. Storage and Fabrication Sheds: Provide sheds sized, furnished, and equipped to accommodate materials and equipment for construction operations if required.
PART 3 - EXECUTION

3.1 TEMPORARY UTILITY INSTALLATION

A. General: Install temporary service or connect to existing service.

B. Water Service: Connect to existing water service facilities. Clean and maintain water service facilities in a condition acceptable to Owner. At Substantial Completion, restore these facilities to condition existing before initial use.

C. Electric Power Service: Connect to existing electric power service. Maintain equipment in a condition acceptable to Occupant.

D. Lighting: Provide temporary lighting with local switching that provides adequate illumination for construction operations, observations, inspections, and traffic conditions.

E. Telephone Service: Provide superintendent with cellular telephone.

3.2 SUPPORT FACILITIES INSTALLATION

A. Project Signs: Provide Project signs as indicated. Unauthorized signs are not permitted.

1. Identification Signs: Provide Project identification signs.

2. Temporary Signs: Provide other signs as indicated and as required to inform public and individuals seeking entrance to Project. Provide temporary, directional signs for construction personnel and visitors.

3.3 SECURITY AND PROTECTION FACILITIES INSTALLATION

A. Protection of Existing Facilities: Protect existing vegetation, equipment, structures, utilities, and other improvements at Project site and on adjacent properties, except those indicated to be removed or altered. Repair damage to existing facilities.

B. Environmental Protection: Provide protection, operate temporary facilities, and conduct construction as required to comply with environmental regulations and that minimize possible air, waterway, and subsoil contamination or pollution or other undesirable effects.

C. Tree and Plant Protection: Comply with requirements of the COR on the protection of trees and plants.

D. Temporary Fire Protection: Install and maintain temporary fire-protection facilities of types needed to protect against reasonably predictable and controllable fire losses. Comply with NFPA 241; manage fire prevention program.

1. Prohibit smoking in construction areas.

2. Supervise welding operations.

3.4 OPERATION, TERMINATION, AND REMOVAL

A. Supervision: Enforce strict discipline in use of temporary facilities. To minimize waste and abuse, limit availability of temporary facilities to essential and intended uses.

B. Maintenance: Maintain facilities in good operating condition until removal.

C. Termination and Removal: Remove each temporary facility when need for its service has ended.

3.5 DISPOSAL OF WASTE

A. General: Except for items or materials to be salvaged, recycled, or otherwise reused, remove waste materials from Project site and legally dispose of them in a landfill acceptable to authorities having jurisdiction.

1. Except as otherwise specified, do not allow waste materials that are to be disposed of accumulate on-site. Remove construction debris on a daily basis and not on outside sidewalk of across the road.
2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.

B. Burning: Do not burn waste materials.

END OF SECTION 015000
SECTION 017300 - EXECUTION

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes general administrative and procedural requirements governing execution of the Work including, but not limited to, the following:

1. Layout.
2. Installation of the Work.
3. Progress cleaning.
4. Starting and adjusting.

B. Related Requirements:

1. Section 011000 "Summary" for limits on use of Project site.
2. Section 017700 "Closeout Procedures" for submitting final property survey with Project Record Documents, recording of Owner-accepted deviations from indicated lines and levels, and final cleaning.

1.2 QUALITY ASSURANCE

A. Cutting and Patching: Comply with requirements for and limitations on cutting and patching of elements.

1. Do not cut and patch elements or components in a manner that could change their load-carrying capacity, that results in reducing their capacity to perform as intended, or those results in increased maintenance or decreased operational life or safety.

PART 2 - PRODUCTS

2.1 MATERIALS

A. General: Comply with requirements specified in other Sections.

B. In-Place Materials: Use materials for patching identical to in-place materials. For exposed surfaces, use materials that visually match in-place adjacent surfaces to the fullest extent possible.
PART 3 - EXECUTION

3.1 EXAMINATION

A. Examination and Acceptance of Conditions: Before proceeding with each component of the Work, examine substrates, areas, and conditions, with Installer or Applicator present where indicated, for compliance with requirements for installation tolerances and other conditions affecting performance. Record observations.

B. Proceed with installation only after unsatisfactory conditions have been corrected. Proceeding with the Work indicates acceptance of surfaces and conditions.

3.2 PREPARATION

A. Field Measurements: Take field measurements as required to fit the Work properly. Recheck measurements before installing each product. Where portions of the Work are indicated to fit to other element, verify dimensions of other element by field measurements.

B. Space Requirements: Verify space requirements and dimensions of items shown diagrammatically on Drawings.

C. Review of Contract Documents and Field Conditions: Immediately on discovery of the need for clarification of the Contract Documents caused by differing field conditions outside the control of Contractor, submit a request for information to Architect according to requirements in Section 013100 "Project Management and Coordination."

3.3 INSTALLATION

A. General: Locate the Work and components of the Work accurately, in correct alignment and elevation

B. Comply with manufacturer's written instructions and recommendations for installing products in applications indicated.

C. Install products at the time and under conditions that will ensure the best possible results. Maintain conditions required for product performance until Substantial Completion.

D. Sequence the Work and allow adequate clearances to accommodate movement of element items on site and placement in permanent locations.

E. Tools and Equipment: Do not use tools or equipment that produce harmful noise levels.

F. Templates: Obtain and distribute to the parties involved templates for work specified to be factory prepared and field installed. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing products to comply with indicated requirements.

G. Attachment: Provide blocking and attachment plates and anchors and fasteners of adequate size and number to securely anchor each component in place, accurately located and aligned with
other portions of the Work. Where size and type of attachments are not indicated, verify size and type required for load conditions.

H. Hazardous Materials: Use products, cleaners, and installation materials that are not considered hazardous.

3.4 PROGRESS CLEANING

A. General: Clean Project site and work areas daily, including common areas. Enforce requirements strictly. Dispose of materials lawfully.

2. Do not hold waste materials more than two days.

B. Site: Maintain Project site free of waste materials and debris.

C. Work Areas: Clean areas where work is in progress to the level of cleanliness necessary for proper execution of the Work.

1. Remove liquid spills promptly.
2. Where dust would impair proper execution of the Work, broom-clean or vacuum the entire work area, as appropriate.

D. Installed Work: Keep installed work clean. Clean installed surfaces using only cleaning materials that are not hazardous to health or property and that will not damage exposed surfaces.

E. Waste Disposal: Do not bury or burn waste materials on-site. Do not wash waste materials down sewers or into waterways.

3.5 SECURITY AND SITE ACCESS PROCEDURES

A. All contractors’ personnel shall be subject to all the security procedures required for clearance of personnel working inside U.S. Embassy Compounds. These requirements shall include:
   A. Complete Security Questionnaire (attached)
   B. Submit valid Criminal Record (Fingerprints)
   C. Copy of National ID
   D. Copy of Birth certificate
   E. Copy of Military certificate
   F. An Interview with a RSO Investigator
   G. Attend a Security briefing
   H. Receive a Red Badge with “E” for Escort Requirement

Documents to be submitted 30 days prior to the project start date

2. Access for trucks shall be granted on a 48 hours (two working days) advance notice showing: 1) Drivers name, 2) Copy of driver’s ID, 3) Truck description and plate number, and 4) date and time access required.
3. Access for daily laborers can be given for three days, with a 48 hours advance notice showing the name of the persons, ID #, date and place of issue, and a copy of the ID. Access will be given for one time only (three days) for day laborers.

4. All contractor personnel shall be subject to a daily check (in and out) by the US government guard personnel.

5. Failure of the contractor to fulfill any security requirement in a timely manner shall not be constructed as a base for any time and money extension.

6. Delay or suspension of work due to the U.S. government security regulations or requirements shall not be a base for claims.

3.6 SAFETY

A. The contractor must comply to the following:
   1. DOSAR Accident Prevention Clause 652-236-70, included below in full text.
   2. SAFETY AND HEALTH REQUIREMENTS of the US Army Corps of Engineers - EM 385-1-1.
      

   3. Safety requirements that is specific to the job and will be addressed and documented during the pre-installation meeting.

3.7 PROTECTION OF INSTALLED SYSTEM

A. Provide final protection and maintain conditions that ensure installed Work is without damage or deterioration at time of Substantial Completion.

END OF SECTION 017300
SECTION 017700 - CLOSEOUT PROCEDURES

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements for contract closeout, including, but not limited to, the following:

   1. Substantial Completion procedures.
   2. Final completion procedures.
   3. Warranties.
   4. Final cleaning.
   5. Repair of the Work.

B. Related Requirements:

1.2 SUBSTANTIAL COMPLETION PROCEDURES

A. Contractor's List of Incomplete Items: Prepare and submit a list of items to be completed and corrected (Contractor's punch list), indicating the value of each item on the list and reasons why the Work is incomplete.

B. Inspection: Submit a written request for inspection to determine Substantial Completion a minimum of 5 days prior to date the work will be completed and ready for final inspection.

   1. Re-inspection: Request re-inspection when the Work identified in previous inspections as incomplete is completed or corrected.

   2. Results of completed inspection will form the basis of requirements for final completion.

1.3 FINAL COMPLETION PROCEDURES

A. Inspection: Submit a written request for final inspection to determine acceptance. On receipt of request, COR will either proceed with inspection or notify Contractor of unfulfilled requirements.

   1. Re-inspection: Request re-inspection when the Work identified in previous inspections as incomplete is completed or corrected.

1.4 LIST OF INCOMPLETE ITEMS (PUNCH LIST)

A. Include name and identification of each item needing correction
PART 2 - PRODUCTS

2.1 MATERIALS

A. Cleaning Agents: Use cleaning materials and agents recommended by manufacturer or fabricator of the surface to be cleaned.

PART 3 - EXECUTION

3.1 FINAL CLEANING

A. General: Perform final cleaning. Conduct cleaning and waste-removal operations to comply with local laws and ordinances and Federal and local environmental and antipollution regulations.

3.2 REPAIR OF THE WORK

A. Complete repair and restoration operations before requesting inspection for determination of Substantial Completion.

B. Repair or remove and replace defective elements. Repairing includes replacing defective parts, refinishing damaged surfaces, touching up with matching materials, and properly adjusting operating equipment. Where damaged or worn items cannot be repaired or restored, provide replacements. Remove and replace operating components that cannot be repaired. Restore damaged items and permanent facilities used during installation to specified condition.

1. Remove and replace chipped, scratched, and broken glass, reflective surfaces, and other damaged transparent materials.

2. Touch up and otherwise repair and restore marred or exposed finishes and surfaces. Replace finishes and surfaces that that already show evidence of repair or restoration.

END OF SECTION 017700
SECTION 092400 - CEMENT PLASTERING

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. This Section includes the following:
   1. Portland cement plaster.

1.2 SUBMITTALS

A. Material Certificates: Submit certificate signed by manufacturer for each kind of plaster aggregate certifying that materials comply with requirements.

B. Design mix for each type of plaster

1.3 QUALITY ASSURANCE

A. Mockups: Prior to installing plaster work, construct panels for each type of finish and application required to verify selections made under sample submittals and to demonstrate aesthetic effects as well as qualities of materials and execution. Build mockups, using materials indicated for final unit of Work. Locate mockups on-site in the location and of the size indicated or, if not indicated, as directed by the COR. Obtain the COR's approval of mockups before start of plaster work.

1.4 DELIVERY, STORAGE, AND HANDLING

A. Deliver cementitious materials to Project site in original packages, containers, or bundles, labeled with manufacturer's name, product brand name, and lot number.

B. Store materials inside, under cover, and dry, protected from weather, direct sunlight, surface contamination, aging, corrosion, and damage from construction traffic and other causes.

1.5 PROJECT CONDITIONS

A. Protect plaster against uneven and excessive evaporation and from strong flows of dry air, both natural and artificial. Apply and cure plaster as required by climatic and job conditions to prevent dry out during cure period. Provide suitable coverings, moist curing, barriers to deflect sunlight and wind, or combinations of these, as required.

B. Ventilation: Provide natural or mechanical means of ventilation to properly dry interior spaces after Portland Cement Plaster has cured.
C. Protect contiguous work from soiling and moisture deterioration caused by plastering. Provide temporary covering and other provisions necessary to minimize harmful spattering of plaster on other work.

PART 2 - PRODUCTS

2.1 PLASTER MATERIALS

A. Base-Coat Cements: Type as indicated below:
   1. Portland cement, ASTM C 150, Type I.

B. Job-Mixed Finish-Coat Cement: Material and color as indicated below:
   1. Portland cement, ASTM C 150, Type I.

C. Cement Color: Gray.

D. Sand Aggregate for Base Coats and finish coats: ASTM C 897.

2.2 MISCELLANEOUS MATERIALS

A. Water for Mixing and Finishing Plaster: Potable.

B. Bonding Agent: ASTM C 932.

C. Acid-Etching Solution: Muriatic acid (10 percent solution of commercial hydrochloric acid) mixed 1 part to not less than 6 nor more than 10 parts water.

D. Dash-Coat Material: 2 parts portland cement to 3 parts fine sand, mixed with water to a mushy-paste consistency.

2.3 PLASTER MIXES AND COMPOSITIONS

A. General: Comply with ASTM C 926 for base- and finish-coat mixes as applicable to plaster bases, materials, and other requirements indicated.

B. Base-Coat Mixes and Compositions: Proportion materials for respective base coats in parts by volume per sum of cementitious materials for aggregates to comply with the following requirements for each method of application and plaster base indicated. Adjust mix proportions below within limits specified to attain workability.

C. Three-Coat Work over Metal Lath: Base-coat proportions as indicated below:
   1. Scratch Coat: 1 part Portland Cement, 1 to 2 parts masonry cement, 2-1/2 to 4 parts aggregate.
   2. Brown Coat: 1 part Portland Cement, 1 to 2 parts masonry cement, 3 to 5 parts aggregate.
D. Two-Coat Work over Concrete Unit Masonry: Base-coat proportions as indicated below:
   1. Base Coat: 1 part masonry cement, 3 to 4 parts aggregate.

E. Job-Mixed Finish Coats: Proportion materials for finish coats in parts by volume for cementitious materials and parts by volume per sum of cementitious materials to comply with the following requirements:
   1. Proportions using sand aggregates: 1 part portland cement, 1 part masonry cement, 3 parts sand.

2.4 MIXING

A. Mechanically mix cementitious and aggregate materials for plasters to comply with applicable referenced application standard and with recommendations of plaster manufacturer.

PART 3 - EXECUTION

3.1 PREPARATIONS FOR PLASTERING

A. Clean plaster bases and substrates for direct application of plaster, removing loose material and substances that may impair the Work.

B. Etch concrete and concrete unit masonry surfaces indicated for direct plaster application. Scrub with acid-etching solution on previously wetted surface and rinse thoroughly with clean water. Repeat application, if necessary, to obtain adequate suction and mechanical bond of plaster (where dash coat, bonding agent, or additive is not used).

C. Apply bonding agent on concrete and concrete unit masonry surfaces indicated for direct plaster application; comply with manufacturer's written instructions for application.

D. Apply dash coat on concrete surfaces indicated for direct plaster application. Moist-cure dash coat for at least 24 hours after application and before plastering.

E. Install temporary grounds and screeds to ensure accurate rodding of plaster to true surfaces; coordinate with scratch-coat work.

F. Flashing: Refer to Division 7 Sections for installing flashing as indicated.

G. Surface Conditioning: Immediately before plastering, dampen concrete and concrete unit masonry surfaces that are indicated for direct plaster application, except where a bonding agent has been applied. Determine and apply amount of moisture and degree of saturation that will result in optimum suction for plastering.

3.2 PLASTER APPLICATION

A. Plaster Application Standard: Apply plaster materials, composition, and mixes to comply with ASTM C 926.
B. Do not use excessive water in mixing and applying plaster materials.

C. Flat Surface Tolerances: Do not deviate more than plus or minus (3 mm in 3 m) from a true plane in finished plaster surfaces, as measured by a (3-m) straightedge placed at any location on surface.

D. Grout hollow-metal frames, bases, and similar work occurring in plastered areas, with base-coat plaster material, and before lathing where necessary.

E. Sequence plaster application with installation and protection of other work so that neither will be damaged by installation of other.

F. Plaster flush with metal frames and other built-in metal items or accessories that act as a plaster ground, unless otherwise indicated. Where interior plaster is not terminated at metal frame by casing beads, cut base coat free from metal frame before plaster sets and groove finish coat at junctures with metal.

G. Corners: Make internal corners and angles square; finish external corners flush with cornerbeads on interior work, square and true with plaster faces on exterior work.

H. Moist-cure plaster base and finish coats to comply with ASTM C 926.

### 3.3 CUTTING AND PATCHING

A. Cut, patch, replace, repair, and point up plaster as necessary to accommodate other work. Repair cracks and indented surfaces. Point-up finish plaster surfaces around items that are built into or penetrate plaster surfaces. Repair or replace work to eliminate blisters, buckles, check cracking, dry outs, efflorescence, excessive pinholes, and similar defects. Repair or replace work as necessary to comply with required visual effects.

### 3.4 CLEANING AND PROTECTING

A. Remove temporary covering and other provisions made to minimize spattering of plaster on other work. Promptly remove plaster from door frames, windows, and other surfaces not to be plastered. Repair surfaces stained, marred or otherwise damaged during plastering work. When plastering work is completed, remove unused materials, containers, equipment, and plaster debris.

B. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and Installer, that ensure plaster work is without damage or deterioration at the time of Substantial Completion.

END OF SECTION 092400
SECTION 096340 - STONE FLOORING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:
   1. Dimension stone exterior flooring.
   2. Dimension stone interior flooring.
   3. Dimension stone stair treads and risers.
   4. Dimension stone thresholds.
   5. Dimension stone counter tops

1.2 ACTION SUBMITTALS

A. Shop Drawings: Include plans, sections, details, and attachments to other work.

B. Samples:
   1. For each stone type indicated. Include at least two or more Samples in each set and show the full range of color and other visual characteristics in completed Work.

1.3 QUALITY ASSURANCE

A. Mockups: Build mockups to demonstrate aesthetic effects and to set quality standards for fabrication and execution.

PART 2 - PRODUCTS

2.1 GRANITE

A. Material Standard: Comply with ASTM C 615.

B. Varieties and Sources: Subject to compliance with requirements, use one of the following sources, or equal approved:
   1. Marmonil
   2. Wadi El Nil
   3. Egymarble

C. Finish: Polished, or Honed, as indicated and according to the approved sample.
2.2 **MARBLE**

A. Material Standard: Comply with ASTM C 503.

B. Varieties and Sources: Subject to compliance with requirements, use one of the following sources, or equal approved:
   1. Marmonil
   2. Wadi El Nil
   3. Egymarble

C. Finish: Polished, or Honed, as indicated and according to the approved sample.

2.3 **MORTAR MATERIALS**

A. Portland Cement: ASTM C 150, Type I or Type II.

B. Aggregate: ASTM C 144.; use aggregate graded with 100 percent passing No. 16 (1.18-mm) sieve.

C. Latex Additive: Manufacturer's standard water emulsion.

D. Thin-Set Mortar:

E. Water: Potable.

2.4 **GROUT**

A. Grout Colors: Match stone.

B. Sand-Portland Cement Grout: ANSI A108.10, composed of white or gray cement and white or colored aggregate to produce required color.

   1. Unsanded grout mixture for joints 1/8 inch (3 mm) and narrower.
   2. Sanded grout mixture for joints wider than 1/8 inch (3 mm).

D. Polymer-Modified Cement Grout: ANSI A118.7.
   1. Unsanded grout mix for joints 1/8 inch (3 mm) and narrower.
   2. Sanded grout mix for joints wider than 1/8 inch (3 mm).

2.5 **ACCESSORIES**

A. Abrasive Inserts for Stair Treads: Abrasive strips consisting of aluminum oxide, silicon carbide, or a combination of both, in an epoxy-resin binder, fabricated for installing in routed grooves of stair treads to provide slip resistance. Provide epoxy-resin installation adhesive compatible with inserts.

1. Width: **6.4 mm**.
2. Depth: 12.7 mm.
3. Length: 100 mm less than stair width.

B. Cleaner: Stone cleaner specifically formulated for stone types, finishes, and applications indicated, as recommended by stone produce and by sealer manufacture. Do not use cleaning compounds containing acids, caustics, harsh fillers, or abrasives.

C. Floor Sealer: Colorless, slip- and stain-resistant sealer that does not affect color or physical properties of stone surfaces, as recommended by stone producer for application indicated.

2.6 MORTAR AND GROUT MIXES

A. Mortar: Comply with referenced standards and with manufacturers' written instructions to produce mortar of uniform quality and with optimum performance characteristics.

B. Latex-Modified Portland Cement Setting Mortar: Proportion and mix portland cement, aggregate, and latex additive to comply with latex-additive manufacturer's written instructions and to produce a stiff mixture with a moist surface when bed is ready to receive stone.

C. Joint Grout: Comply with mixing requirements in referenced ANSI standards and with manufacturer's written instructions.

2.7 STONE FABRICATION

A. Select stone for intended use to prevent fabricated units from containing cracks, seams, and starts that could impair structural integrity or function.

B. Cut stone to produce pieces of thickness, size, and shape indicated.

C. Pattern Arrangement: Fabricate and arrange stone units with veining and other natural markings to comply with the following requirements:

1. Cut stone from one block or contiguous, matched blocks in which natural markings occur.
2. Arrange units in blend pattern.

D. Fabricate stone thresholds in sizes and profiles as indicated or required to provide transition between adjacent floor finishes.

E. Fabricate stone stair treads in sizes and profiles indicated.

PART 3 - EXECUTION

3.1 PREPARATION

A. Sweep concrete substrates to remove dirt, dust, debris, and loose particles.

B. Remove substances from concrete substrates that could impair mortar bond, including curing and sealing compounds, form oil, and laitance.
C. Clean dirty or stained stone surfaces by removing soil, stains, and foreign materials.

3.2 INSTALLATION, GENERAL

A. Do necessary field cutting as stone is set. Cut lines straight and true and finish field-cut edges to match shop-cut edges.

B. Scribe and field cut stone as necessary to fit at obstructions.

C. Provide control and expansion joints of widths and at locations indicated. Keep control and expansion joints free of mortar, grout, and other rigid materials.

3.3 INSTALLATION TOLERANCES

A. Variation in Joint Width: Do not vary from average joint width more than plus or minus 1.5 mm or one-fourth of nominal joint width, whichever is less.

B. Variation in Surface Plane: Do not exceed 3 mm in 3 m maximum from level or slope indicated.

C. Variation in Plane between Adjacent Units: Do not exceed 0.8-mm difference between planes of adjacent units.

3.4 INSTALLATION OF STONE BONDED TO CONCRETE

A. Saturate concrete with clean water several hours before placing setting bed. Remove surface water about one hour before placing setting bed.

B. Apply mortar-bed bond coat to damp concrete and broom to provide an even coating that completely covers the concrete. Do not exceed 1.5-mm thickness. Limit area of mortar-bed bond coat to avoid its drying out before placing setting bed.

C. Apply mortar bed immediately after applying mortar-bed bond coat. Spread, tamp, and screed to uniform thickness at elevations required for setting stone to finished elevations indicated.

D. Mix and place only that amount of mortar bed that can be covered with stone before initial set. Cut back, bevel edge, and discard material that has reached initial set before stone can be placed.

E. Place stone before initial set of mortar occurs. Immediately before placing stone on setting bed, apply uniform 1.5-mm thick bond coat to mortar bed or to back of each stone unit.

F. Tamp and beat stone with a wooden block or rubber mallet to obtain full contact with mortar bed and to bring finished surfaces within indicated tolerances. Set each unit in a single operation before initial set of mortar; do not return to areas already set and disturb stone for purposes of realigning finished surfaces or adjusting joints.

G. Rake out joints to depth required to receive grout as units are set.

H. Point joints after setting. Tool joints flat, uniform, and smooth, without visible voids.
3.5 STONE THRESHOLD INSTALLATION

A. At locations adjacent to stone flooring, install stone thresholds in same type of setting bed as abutting stone flooring unless otherwise indicated.

B. At locations not adjacent to stone flooring, install stone thresholds in thin-set, latex-portland cement mortar.

3.6 STONE STAIR TREAD AND RISER INSTALLATION

A. Install stone stair treads and risers to comply with "Installation of Stone Bonded to Concrete" Article.

3.7 GROUTING

A. Grout stone joints to comply with ANSI A108.10 and with manufacturer's written instructions.
   1. Do not use sanded grout for polished stone.
   2. Grout joints as soon as possible after initial set of setting bed. After initial set of grout, finish joints by tooling to produce a slightly concave polished joint, free of drying cracks.

3.8 ADJUSTING AND CLEANING

A. In-Progress Cleaning: Clean stonework as work progresses.

B. Clean stonework after setting and grouting are complete. Use procedures recommended by stone fabricator for application types.

C. Apply sealer to cleaned stonework according to sealer manufacturer's written instructions.

3.9 PROTECTION

A. Prohibit traffic from installed stone for a minimum of 72 hours.

B. Protect installed stonework during construction with nonstaining kraft paper. Where adjoining areas require construction work access, cover stonework with a minimum of 20-mm untreated plywood over nonstaining kraft paper.

END OF SECTION 096340
SECTION 099100 - PAINTING

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Surface preparation and field application of paints and coatings.

1.2 RELATED SECTIONS

A. Section 092400  Plastering.

1.3 REFERENCES


C. NACE (National Association of Corrosion Engineers) - Industrial Maintenance Painting.


1.4 DEFINITIONS

A. Conform to ASTM D16 for interpretation of terms used in this Section.

1.5 SUBMITTALS

A. Product Data:  Provide data on all finishing products.

B. Samples:  Submit two samples, actual in size illustrating range of colors and textures available for each surface finishing product scheduled.

C. Manufacturer's Instructions:  Indicate special surface preparation procedures, substrate conditions requiring special attention.

1.6 QUALIFICATIONS

A. Manufacturer:  Company specializing in manufacturing the Products specified in this section with minimum three years experience.

1.7 REGULATORY REQUIREMENTS

A. Conform to applicable code for flame and smoke rating requirements for finishes.

1.8 FIELD SAMPLES
A. Provide field sample panel, 1.00 m long by 1.00 m wide, illustrating special coating color, texture, and finish.

B. Accepted sample may not remain as part of the Work.

1.9 DELIVERY, STORAGE, AND HANDLING

A. Deliver products to site in sealed and labeled containers; inspect to verify acceptability.

B. Container label to include manufacturer's name, type of paint, brand name, lot number, brand code, coverage, surface preparation, drying time, cleanup requirements, color designation, and instructions for mixing and reducing. Do not deliver to site containers larger than 20 kg in weight.

C. Store paint materials at minimum ambient temperature of 7 degrees C and a maximum of 32 degrees C, in ventilated area, and as required by manufacturer's instructions.

1.10 ENVIRONMENTAL REQUIREMENTS

A. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the paint product manufacturer.

B. Do not apply exterior coatings during rain or when relative humidity is outside the humidity ranges required by the paint product manufacturer.

C. Minimum Application Temperatures for Latex Paints: 7 degrees C for interiors; 10 degrees C for exterior; unless required otherwise by manufacturer's instructions.

PART 2- PRODUCTS

2.1 MANUFACTURERS

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering accessories that may be incorporated into the work include the following or approved equal:

   1. Jotun, Egypt
   2. Chemicals for Modern Building

2.2 COATING MATERIALS

A. Manufacturer: Coating materials are to be approved brands and obtained from one approved manufacturer unless otherwise specified.

B. Emulsion paint: PVA resin based emulsion to produce a durable, flexible and water-resistant coating suitable for repeated washing and scrubbing.
C. Oil paint: oleo-resinous; non-toxic; drying to a smooth; highly opaque to produce a durable; flexible and water-resistant coating with excellent adhesion and color retention. Undercoat is to be suitable to receive further coatings. Finish is to be high gloss; semi-gloss; semi-gloss or matt; to be selected by the COR or designated representative.

D. Epoxy paint: epoxy paint shall have a high degree of resistance to acids, alkalis and water. It shall be easily applied over surfaces that have been primed with a primer containing an inhibitive pigment and shall present a glossy finish. One coat of primer and two finish coats shall be applied with minimum thickness of 0.075 mm per coat.

E. Acrylic paint: ready mixed; waterproof and decorative coating comprising synthetic rubber base; selected pigment sand line aggregate for texture surfaces. The following selection of paint shall be applied as shown on the drawing.

2.3 PREPARATION AND PRIMING MATERIALS

A. Preparation materials: cleaning, stopping, filling, sealing etc... materials are to be types recommended by their manufacturers and the coating manufacturer for the situation and surfaces being prepared, unless otherwise specified.

B. Primer for concrete; masonry, rendering and plaster: natural oil and alkali resistant resin based priming paint.

C. Primer for wood: ready mixed aluminum priming paint, water-borne priming paint, or solvent-borne priming paint to provide high moisture resistance and suitable for use with type of wood and preservative treatment.

D. Primer for iron and steel: non-leaded based priming paint.

E. Primer for galvanized iron and steel: zinc chromate priming paint.

PART 3 - EXECUTION

3.1 GENERALLY

A. Quality of work: operatives must be appropriately skilled and experienced in the use of specified materials and methods of application. Prepare surfaces and apply coatings in accordance with manufacturer’s recommendations.

B. Coating materials:

   1. Where possible are to be from one manufacturing batch; where more than one batch is to be used, keep separate, allocate to distinct parts or areas of the work and inform the COR or designated representative accordingly

   2. To be delivered in sealed containers, clearly labeled with type of material, brand name, intended use and manufacturer’s batch numbers

   3. Store in a clean, dry area protected from extreme temperatures and in accordance with manufacturer’s recommendations; use in order of delivery.

C. Compatibility:
1. Check that all materials to be used are recommended by their manufacturers for the particular surface and conditions of exposure and that they are compatible with each other.

2. Where surfaces have been treated with preservatives, check with treatment manufacturer that coating materials are compatible with the treatment and do not inhibit its performance.

3. Inform the COR or designated representative of any discrepancy in specification of coatings and obtain instructions before proceeding with application.

D. Color range: carry out decoration in colours or within range produce by particular coating manufacturer as appropriate and as selected by the COR or designated representative.

E. Off site work: off site preparation and coating is to be carried out under cover in a suitable environment with adequate lighting. Store all items, both before and after coating, in a clean, dry area protected from the weather and mechanical damage, properly stacked with spaces to permit air circulation and prevent sticking of surfaces.

F. Protection: adequately protect both internal and external surfaces which are not to be coated, by covering with dust sheets or other suitable materials. Place “wet paint” signs and provide barriers where necessary to prevent damage to freshly applied coatings.

G. Control samples: for each type of coating, prepare sample areas of the finished work, including preparation, in advance of the remainder. Make arrangements with the COR or designated representative for the full time supervision of the application of each coat. Obtain approval of appearance before proceeding. Control samples may, at the COR or designated representative’s discretion, be used as the basis for comparative testing of dry film thickness of complete coating systems.

H. Inspection of work: permit coating manufacturers to inspect the work in progress and take samples of their products from site if requested.

I. Inspection of work: inspection of the whole of the work at each stage may be made, at the direction of the COR or designated representative. Agree with the COR or designated representative a program which will facilitate such inspections and notify him when each part and stage of the work is ready for inspection. Do not proceed with subsequent stages of the work until authorized.

3.2 PREPARATION

A. Preparation materials: use in accordance with manufacturer’s recommendations.

B. Masonry and rendering: remove dirt, surface deposits, loose and flaking material with a stiff brush. Fill holes and cracks flush with surface.

C. Plaster: remove dirt and surface deposits with a stiff brush. Rub down to remove nibs, trowel marks and plaster splashes. Lightly rub over-trowelled glossy plaster with worn abrasive paper. Fill all depressions, holes and cracks and lightly rub down flush with surface.

D. Plasterboard: fill imperfections and/or minor damage to leave a smooth; blemish-free surface.

E. Uncoated wood: Ensure that large and loose knots are removed and made good with sound wood of the same species and sand flush. Ensure that surfaces are clean and remove oil, grease and excessive natural oils with suitable solvents. Sand to a smooth, even finish with arrises rounded or eased. Remove resinous exudations by heat. Ensure that heads of fastenings are countersunk sufficiently to hold stopping / filling; fill nail and screw holes, joints, cracks, holes, depressions, open or coarse grain with stopper / filler worked well in and finished off flush with surface; sand smooth and remove dust.
F. Priming wood: before priming preservative treated wood ensure that any cut surfaces have been re-treated and solvents have completely dried out. Apply primer to all surfaces including rebates, beads, backs etc... which will be concealed when components are fixed in place. Liberally coat all end grain, allow soaking in, and then, re-coating.

G. Pre-primed wood: remove dirt and grease from satisfactorily pre-primed surfaces and sand lightly. Sand down chalking, powdery and other defective areas to the bare surface, remove dust, and re-prime as necessary.

H. Stopping, filling and priming: apply oil based stoppers / fillers after priming. Apply water based stoppers / fillers before priming unless otherwise recommended by manufacturer. Patch prime water based stoppers / fillers when applied after priming.

I. Stopper/filler for clear coatings: carefully adjust color so that after coatings have been applied it closely matches the color of the wood, to approval.

J. Concealed metal surfaces: apply black bitumen coating solution to concealed surfaces of metal components before fixing.

K. External doors: prime and paint bottom edges before hanging.

L. Ironmongery: remove from surfaces to be coated and refix on completion. Do not remove hinges unless instructed to do so.

M. Doors and windows: ensure that doors and opening windows etc... are eased as necessary before coating. Prime any resulting bare areas.

N. Galvanized surfaces: remove surface contamination and oils and wash with solvent. Apply coat of etching primer.

O. Uncoated steel and iron surfaces: remove grease, mill scale, weld splatter, dirt, and rust. Where heavy coatings of scale are evident, remove by hand wire brushing or sandblasting; clean by washing with solvent. Apply a treatment of phosphoric acid solution, ensuring weld joints, bolts, and nuts are similarly cleaned. Spot prime paint after repairs.

P. Shop primed steel surfaces: sand and scrape to remove loose primer and rust. Feather edges to make touch-up patches inconspicuous. Clean surfaces with solvent. Prime bare steel surfaces.

3.3 APPLICATION

A. Generally: apply products in accordance with manufacturer’s instructions

B. Unsuitable conditions: do not apply coatings to surfaces affected by moisture, when relative humidity is more than 80% or when heat is likely to cause blistering or wrinkling. Take necessary precautions including restrictions on working hours, providing temporary protection and allowing extra drying time, to ensure that coatings are not adversely affected by climatic conditions before, during and after application.

C. Painting generally:

1. Do not thin or intermix paint materials unless otherwise specified or recommended; if materials are found to have been thinned without authorization, the COR or designated representative may require the application of additional coats.
2. Apply priming coats as soon as possible on the same day a preparation is completed; ensure that they are of adequate thickness and suit surface porosity.

3. Adjacent coating of the same material must be of a different tint to ensure that each coat provides complete coverage.

4. Apply coatings by brush unless otherwise specified or approved; keep brushes, tools and equipment in a clean condition.

5. Apply coatings to clean, dust free, suitably dry surfaces in dry atmospheric conditions and after any previous coats have hardened; lightly abrade between coats as necessary.

6. Apply coatings evenly to give smooth finish of uniform color, free from brush marks, nibs, sags, runs and other defects; cut in neatly and cleanly; do not splash or mark adjacent surfaces.

7. Keep all surfaces clean and free from dust during coating and drying; adequately protect completed work from damage.

D. Completion: ensure that opening lights and other moving parts move freely. Remove all masking tape and protective wrappings.

3.4 SCHEDULE - EXTERIOR SURFACES

A. Concrete, cement plaster:
   1. One coat of alkali resistant primer.
   2. Two coats of block filler.
   3. A minimum of two coats of acrylic emulsion paint.

B. Gypsum wallboard:
   1. One coat of exterior gypsum board primer.
   2. A minimum of two coats of acrylic emulsion paint.

B. Steel: All steel surfaces shall be painted using enamel, Semi-gloss paints.

END OF SECTION 099100