

Embassy of the United States of America

March 12th, 2014

To: Prospective Offerors

SUBJECT: Solicitation Number **SEG30014Q0009** for Compound Gym Sun room

The Embassy of the United States of America invites you to submit a price quotation for the Compound Gym Sun room.

Work will be performed according to the attached specifications.

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 hand in a sealed envelope marked: "Compound Gym Sun room Project" to the Procurement & Contracting Office, 8 Kamal El Din Salah St., Cairo II Building, 3rd Floor, **on or before March 31st, 2014**

The Site visit will be on March 26, 2014 at 11:00 am at the American Embassy in Cairo, 8 Kamal El Din Salah, Garden City.

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 not later than **120 working days commencing from the Notice To Proceed (NTP)**. In the event of an unauthorized or unexcused delay in completing the project, liquidated damages in the amount of **LE250** 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 letter, fax or by telephone to Hany B. Gerguis at Tel 2797-3055, Fax 2795-4353 during business hours.

Sincerely,



Rebecca Jones Anderson
Contracting Officer

Enclosure

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REQUEST FOR QUOTATION (THIS IS NOT AN ORDER)	THIS RFQ <input checked="" type="checkbox"/> IS NOT A SMALL BUSINESS SET-ASIDE	Page 1 of 2
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1. REQUEST NO. SEG30014Q0009	2. DATE ISSUED 3/12/2014	3. REQUISITION/PURCHASE REQUEST NO. PR3194398	4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1	RATING
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5a. ISSUED BY AMERICAN EMBASSY CAIRO US EMBASSY CAIRO 8 KAMAL EL DIN SALAH, ATTN: PROCUREMENT/CONTRACTING OFFICE CAIRO 11519	6. DELIVER BY (Date) 4/16/2014
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5b. FOR INFORMATION CALL (NO COLLECT CALLS)		7. DELIVERY <input checked="" type="checkbox"/> FOB DESTINATION <input type="checkbox"/> OTHER (See Schedule)
NAME Hany Gerguis	TELEPHONE NUMBER 2797-3055	9. DESTINATION

8. TO:	AMERICAN EMBASSY CAIRO
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a. NAME N/A	b. COMPANY NOVENDOR	b. STREET ADDRESS US EMBASSY CAIRO 8 KAMAL EL DIN SALAH, ATTN: SPM RECEIVING OFFICE
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c. STREET ADDRESS	c. CITY CAIRO
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d. CITY	e. STATE	f. ZIP CODE	d. STATE	e. ZIP CODE 11519
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10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5A ON OR BEFORE CLOSE OF BUSINESS (Date) 3/310/2014	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 services. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotations must be completed by the quoter.
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11. SCHEDULE (Include applicable Federal, State and local taxes)

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
SEE LINE ITEMS					

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

NOTE: Additional provisions and representations are are not attached.

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

11. SCHEDULE

(Include applicable Federal, State and local taxes)

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
1	Compound Gym Sun room Project as per the attached solicitation, drawings and specifications Funding Information: Total: 0.00 -----0.00	1.00	LS	0.00	0.00

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

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 required by this contract.

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

C. PACKAGING AND MARKING

None

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:

- Commence work under this contract within **10 calendar days** after the date the Contractor receives the notice to proceed,
- Prosecute the work diligently, and,
- Complete the entire work ready for use not later than **120 working days after NTP.**

The time stated for completion shall include final cleanup of the premises and completion of punch list items.

52.211-12 LIQUIDATED DAMAGES - CONSTRUCTION (SEP 2000)

- 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 **250 EGP** for each working day of delay until the work is completed or accepted.
- 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

- 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 **15 calendar days** after receipt of an executed contract".
- 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.
- 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 the working days **from Sunday through Thursday from 8.00 am to 4.30 pm. After hours and week end work is authorized with minimum of 48 hours request and approval by the COR.** Other hours, if requested by the Contractor, may be approved by the Contracting Officer's Representative (COR). The Contractor shall give 24 hours in advance to COR who will consider any deviation from the hours identified above. Changes in work hours, initiated by the Contractor, will not be a cause for a price increase.

Preconstruction Conference

If needed a preconstruction conference will be held **10 calendar days** after contract award at the **American Embassy in Cairo, 8 Kamal El Din Salah, Garden City** to discuss the schedule, submittals, notice to proceed, mobilization and other important issues that effect construction progress. See FAR 52.236-26, Preconstruction Conference.

Deliverables

The following items shall be delivered under this contract:

<u>Description</u>	<u>Quantity</u>	<u>Delivery Date</u>	<u>Deliver to</u>
Section G. Securities/Insurance	1	10 days after award	CO
Section E. Construction Schedule	1	15 days after award	COR
Section E. Preconstruction Conference	1	10 days after award	COR
Section G. Personnel Biographies	1	10 days after award	COR
Section F. Payment Request	1	Last calendar day of each month	COR
Section D. Request for Substantial Completion	1	15 days before inspection	COR
Section D. Request for Final Acceptance	1	5 days before inspection	COR

F. ADMINISTRATIVE DATA

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

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

- (b) The COR for this contract is **Eng. Lilian Fanous**

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.

**American Embassy Cairo
8 Kamal El Din Salah, Garden City,
Cairo**

G. SPECIAL REQUIREMENTS

G.1.0 Performance/Payment Protection - The Contractor shall furnish a form of payment protection as described in 52.228-13 in the amount of **10% of the contract price through a check or a bank letter of guarantee.**

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

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

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

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

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

(1) Bodily Injury, On or Off the Site, in U.S. Dollars	
Per Occurrence	\$ 5,000
Cumulative	\$ 15,000
(2) Property Damage, On or Off the Site, in U.S. Dollars	
Per Occurrence	\$ 10,000
Cumulative	\$ 20,000

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 there from, 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 days** to perform. For each individual the list shall include:

- Full Name
- Place and Date of Birth
- Current Address
- Identification number

Failure to provide any of the above information may be considered grounds for rejection and/or re-submittal of the application. Once the Government has completed the security screening and approved the applicants a badge will be provided to the individual for access to the site. This badge may be revoked at any time due to the falsification of data, or misconduct on site.

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

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

G.7.0 Special Warranties

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

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

G.8.0 Equitable Adjustments

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

- (a) The date, circumstances, and applicable contract clause authorizing an equitable adjustment and
- (b) That the Contractor regards the event as a changed condition for which an equitable adjustment is allowed under the contract

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

G.9.0 Zoning Approvals and Permits

The Government shall be responsible for:

- Obtaining proper zoning or other land use control approval for the project
- Obtaining the approval of the Contracting Drawings and Specifications
- Paying fees due for the foregoing; and,
- For obtaining and paying for the initial building permits.

H. CLAUSES

52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

<http://acquisition.gov/far/> or <http://farsite.hill.af.mil/vffara.htm>

Please note these addresses are subject to change.

If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Department of State Acquisition Website at <http://www.statebuy.state.gov> to access links to the FAR. You may also use an internet “search engine” (for example, Google, Yahoo, Excite) to obtain the latest location of the most current FAR.

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

<u>Clause</u>	<u>Title and Date</u>
52.202-1	DEFINITIONS (NOV 2013)
52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS (JUL 2013)
52.204-12	DATA UNIVERSAL NUMBERING SYSTEM NUMBER MAINTENANCE (DEC 2012)
52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE (JUL 2013)
52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED OR PROPOSED FOR DEBARMENT (AUG 2013)
52.209-9	UPDATES OF INFORMATION REGARDING RESPONSIBILITY MATTERS (JUL 2013)
52.213-4	TERMS AND CONDITIONS –SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS) (NOV 2013)
52.216-7	ALLOWABLE COST AND PAYMENT (JUNE 2013)
52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES (FEB 1997)
52.222-19	CHILD LABOR – COOPERATION WITH AUTHORITIES AND REMEDIES (JAN 2014)
52.222-27	PROMPT PAYMENT CONSTRUCTION (JUL 2013)
52.222-50	COMBATING TRAFFICKING IN PERSONS (FEB 2009)
52.223-18	ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING (AUG 2011)
52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES (JUNE 2008)

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

52.225-19 CONTRACTOR PERSONNEL IN A DESIGNATED OPERATIONAL AREA OR SUPPORTING A DIPLOMATIC MISSION OUTSIDE THE UNITED STATES (MAR 2008)

52.228-3 Workers' Compensation Insurance (Defense Base Act)

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 (JAN 2012)

52.228-13 ALTERNATIVE PAYMENT PROTECTION (JUL 2000)

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 (SEP 2002)

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)

52.232-24 PROHIBITION OF ASSIGNMENT OF CLAIMS (JAN 1986)

52.232-25 PROMPT PAYMENT (JUL 2013)

52.232-27 PROMPT PAYMENT FOR CONSTRUCTION CONTRACTS (JUL 2013)

52.232-33 PAYMENT BY ELECTRONIC FUNDS TRANSFER - SYSTEM FOR AWARD MANAGEMENT (JUL 2013)

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

52.233-1 DISPUTES (JULY 2002) *Alternate I (DEC 1991)*

52.233-3 PROTEST AFTER AWARD (AUG 1996)

52.236-2 DIFFERING SITE CONDITIONS (APR 1984)

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

52.236-5 MATERIAL AND WORKMANSHIP (APR 1984)

52.236-6 SUPERINTENDENCE BY THE CONTRACTOR (APR 1984)

52.236-7 PERMITS AND RESPONSIBILITIES (NOV 1991)

52.236-8 OTHER CONTRACTS (APR 1984)

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

52.236-10 OPERATIONS AND STORAGE AREAS (APR 1984)

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

52.236-12 CLEANING UP (APR 1984)

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

52.236-15 SCHEDULES FOR CONSTRUCTION CONTRACTS (APR 1984)

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

52.236-26 PRECONSTRUCTION CONFERENCE (FEB 1995)

52.242-14 SUSPENSION OF WORK (APR 1984)

52.243-4	CHANGES (JUNE 2007)
52.243-5	CHANGES AND CHANGED CONDITIONS (APR 1984)
52.244-6	SUBCONTRACTS FOR COMMERCIAL ITEMS (DEC 2013)
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 (JUNE 2003)
52.246-21	WARRANTY OF CONSTRUCTION (MAR 1994)
52.249-2	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (APR 2012) <i>Alternate I (SEP 1996)</i>
52.249-10	DEFAULT (FIXED-PRICE CONSTRUCTION) (APR 1984)
52.249-14	EXCUSABLE DELAYS (APR 1984)

The following clauses are set forth in full text:

DEPARTMENT OF STATE ACQUISITION REGULATION (DOSAR) CLAUSES

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

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

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

(End of clause)

CONTRACTOR IDENTIFICATION (JULY 2008)

Contract performance may require contractor personnel to attend meetings with government personnel and the public, work within government offices, and/or utilize government email.

Contractor personnel must take the following actions to identify themselves as non-federal employees:

- 1) Use an email signature block that shows name, the office being supported and company affiliation (e.g. "John Smith, Office of Human Resources, ACME Corporation Support Contractor");
- 2) Clearly identify themselves and their contractor affiliation in meetings;

- 3) Identify their contractor affiliation in Departmental e-mail and phone listings whenever contractor personnel are included in those listings; and
- 4) Contractor personnel may not utilize Department of State logos or indicia on business cards.

(End of clause)

DOSAR 652.236-70 ACCIDENT PREVENTION (APR 2004)

- (a) *General.* The contractor shall provide and maintain work environments and procedures which will safeguard the public and Government personnel, property, materials, supplies, and equipment exposed to contractor operations and activities; avoid interruptions of Government operations and delays in project completion dates; and, control costs in the performance of this contract. For these purposes, the contractor shall:
 - (1) Provide appropriate safety barricades, signs and signal lights;
 - (2) Comply with the standards issued by any local government authority having jurisdiction over occupational health and safety issues; and,
 - (3) Ensure that any additional measures the contracting officer determines to be reasonably necessary for this purpose are taken.
 - (4) For overseas construction projects, the contracting officer shall specify in writing additional requirements regarding safety if the work involves:
 - (a) Scaffolding;
 - (b) Work at heights above two (2) meters;
 - (c) Trenching or other excavation greater than one (1) meter in depth;
 - (d) Earth moving equipment;
 - (e) 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;
 - (f) 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.);

- (g) 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
 - (h) Hazardous noise levels.
- (b) *Records.* The contractor shall maintain an accurate record of exposure data on all accidents 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.
- (c) *Subcontracts.* The contractor shall be responsible for its subcontractors' compliance with this clause.
- (d) *Written program.* Before commencing work, the contractor shall:
- (1) Submit a written plan to the contracting officer for implementing this clause. The plan shall include specific management or technical procedures for effectively controlling hazards associated with the project; and,
 - (2) Meet with the contracting officer to discuss and develop a mutual understanding relative to administration of the overall safety program.
- (e) *Notification.* The contracting officer shall notify the contractor of any non-compliance with these requirements and the corrective actions required. This notice, when delivered to the contractor or the contractor's representative on site, shall be deemed sufficient notice of the non-compliance and corrective action required. After receiving the notice, the contractor shall immediately take corrective action. If the contractor fails or refuses to promptly take corrective action, the contracting officer may issue an order suspending all or part of the work until satisfactory corrective action has been taken. The contractor shall not be entitled to any equitable adjustment of the contract price or extension of the performance schedule on any suspension of work order issued under this clause.

(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.

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.

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

Regulations at 22 CFR Part 136 require that U.S. Government employees and their families do not profit personally from sales or other transactions with persons who are not themselves entitled to exemption from import restrictions, duties, or taxes. Should the contractor experience importation or tax privileges in a foreign country because of its contractual relationship to the United States Government, the contractor shall observe the requirements of 22 CFR Part 136 and all policies, rules, and procedures issued by the chief of mission in that foreign country.

652.228-71 Worker's Compensation Insurance (Defense Base Act) - Services.

WORKER'S COMPENSATION INSURANCE (DEFENSE BASE ACT) - SERVICES (JUN 2006)

(a) This clause supplements FAR 52.228-3. For the purposes of this clause, "covered contractor employees" includes the following individuals:

- (1) United States citizens or residents;
- (2) Individuals hired in the United States or its possessions, regardless of citizenship; and
- (3) Local nationals and third country nationals where contract performance takes place in a country where there are no local workers compensation laws.

(b) Reserved

(c) Reserved

(d) Reserved

(e) Reserved

(f) Reserved

(g)(1) Section 16 of the State Basic Authorities Act (22 U.S.C. 2680a), as amended, provides that the Defense Base Act shall not apply with respect to such contracts as the Secretary of State determines are contracts with persons employed to perform work for the Department of State on an intermittent basis for not more than 90 days in a calendar year. "Persons" includes individuals hired by companies under contract with the Department. The Procurement Executive has the authority to issue the waivers for Contractor employees who work on an intermittent or short-term basis.

(2) The Contractor shall submit waiver requests to the contracting officer. The request shall contain the following information:

(i) Contract number;

(ii) Name of Contractor;

(iii) Brief description of the services to be provided under the contract and country of performance;

(iv) Name and position title of individual(s);

(v) Nationality of individual(s) (must be U.S. citizen or U.S. resident);

(vi) Dates (or timeframe) of performance at the overseas location; and,

(vii) Evidence of alternative worker's compensation coverage for these employees (e.g., evidence that the State worker's compensation program covers workers on short-term foreign assignments).

(3) The contracting officer shall provide to the Contractor the original of the approved or disapproved document and maintain a copy in the contract file.

(End of clause)

I. LIST OF ATTACHMENTS

<u>ATTACHMENT NO.</u>	<u>DESCRIPTION OF ATTACHMENT</u>	<u>NO.PAGES</u>
Attachment 1:	Standard Form 25, "Performance and Guaranty Bond"	2
Attachment 2:	Standard Form 25A, "Payment Bond"	2
Attachment 3:	Sample Letter of Bank Guaranty	1
Attachment 4:	Breakdown of Price by Divisions of Specifications	1
Attachment 5:	Drawings	1
Attachment 6:	Specifications	16

J. QUOTATION INFORMATION

A. QUALIFICATIONS OF OFFERORS

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

- (1) Be able to understand written and spoken English;
- (2) Have an established business with a permanent address and telephone listing;
- (3) Be able to demonstrate prior construction experience with suitable references;
- (4) Have the necessary personnel, equipment and financial resources available to perform the work;
- (5) Have all licenses and permits required by local law;
- (6) Meet all local insurance requirements;
- (7) Have the ability to obtain or to post adequate performance security, such as bonds, irrevocable letters of credit or guarantees issued by a reputable financial institution;
- (8) Have no adverse criminal record; and
- (9) Have no political or business affiliation which could be considered contrary to the interests of the United States.

B. SUBMISSION OF QUOTATIONS

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

Each quotation must consist of the following:

<u>Volume</u>	<u>Title</u>	<u>No. of Copies*</u>
I	Standard Form 18 including a completed Attachment 4, "BREAKDOWN OF PROPOSAL PRICE BY DIVISIONS OF SPECIFICATIONS.	<u> 2 </u>
II	Performance schedule in the form of a "bar chart" and Business Management/Technical Proposal.	<u> 2 </u>

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

**American Embassy Cairo
Procurement & Contracting Office,
8 Kamal El Din Salah, Garden City, Cairo**

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

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

- (a) Present the performance schedule in the form of a "bar chart" indicating when the various portions of the work will be commenced and completed within the required schedule. This bar chart shall be in sufficient detail to clearly show each segregable portion of work and its planned commencement and completion date.
- (b) The Business Management/Technical Proposal shall be in two parts, including the following information:

Proposed Work Information - Provide the following:

- (1) A list of the names, addresses and telephone numbers of the owners, partners, and principal officers of the Offeror;
- (2) The name and address of the Offeror's field superintendent for this project;
- (3) A list of the names, addresses, and telephone numbers of subcontractors and principal materials suppliers to be used on the project, indicating what portions of the work will be performed by them; and,

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

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

C. 52.236-27 SITE VISIT (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) The Site visit will be on **March 26, 2014 at 11:00 am**

(c) Participants will meet at the **American Embassy in Cairo, 8 Kamal El Din Salah, Garden City.**

D. MAGNITUDE OF CONSTRUCTION PROJECT

It is anticipated that the range in price of this contract will be: **Less than \$25,000**

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):

<u>PROVISION</u>	<u>TITLE AND DATE</u>
52.204-6	DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER (JUL 2013)
52.204-7	SYSTEM FOR AWARD MANAGEMENT (JUL 2013)
52.214-34	SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE (APR 1991)
52.215-1	INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (JAN 2004)

K. EVALUATION CRITERIA

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

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

- ability to comply with the required performance period, taking into consideration all existing commercial and governmental business commitments;
- satisfactory record of integrity and business ethics;
- necessary organization, experience, and skills or the ability to obtain them;
- necessary equipment and facilities or the ability to obtain them; and
- otherwise qualified and eligible to receive an award under applicable laws and regulations.

**SECTION L - REPRESENTATIONS, CERTIFICATIONS AND
OTHER STATEMENTS OF OFFERORS OR QUOTERS**

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

(a) Definitions

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

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

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

(c) 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.

(d) Taxpayer Identification Number (TIN)

TIN:	
<input type="checkbox"/>	TIN has been applied for
<input type="checkbox"/>	TIN is not required because:
<input type="checkbox"/>	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.
<input type="checkbox"/>	Offeror is an agency or instrumentality of a foreign government
<input type="checkbox"/>	Offeror is an agency or instrumentality of the Federal Government

(e) Type of Organization

<input type="checkbox"/>	Sole Proprietorship
<input type="checkbox"/>	Partnership
<input type="checkbox"/>	Corporate Entity (not tax exempt)
<input type="checkbox"/>	Corporate Entity (tax exempt)
<input type="checkbox"/>	Government entity (Federal, State or local)
<input type="checkbox"/>	Foreign Government
<input type="checkbox"/>	International organization per 26 CFR 1.6049-4
<input type="checkbox"/>	Other:

(f) Common Parent

	Offeror is not owned or controlled by a common parent as defined in paragraph (a) of this clause.
	Name and TIN of common parent
Name	
TIN	

(End of provision)

L.2 52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (JAN 2014)

(a)(1) The North American Industry Classification System (NAICS) code(s) for this acquisition is/are:

- 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 **\$33.5 Million USD**.

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

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

(2) If the provision at 52.204-7 is not included in this solicitation, and the offeror is currently registered in the System for Award Management (SAM), and has completed the Representations and Certifications section of SAM electronically, 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) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the provision at 52.204-7, System for Award Management.
- (iv) 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.
- (v) 52.209-2, Prohibition on Contracting with Inverted Domestic Corporations—Representation. This provision applies to solicitations using funds appropriated in fiscal years 2008, 2009, 2010, or 2012.
- (vi) 52.209-5, Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.
- (vii) 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.
- (viii) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.
- (ix) 52.219-1, Small Business Program Representations (Basic & Alternate I). 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.
- (x) 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.
- (xi) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.
- (xii) 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.
- (xiii) 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.
- (xiv) 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.
- (xv) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA–designated items.
- (xvi) 52.225-2, Buy American Act Certificate. This provision applies to solicitations containing the clause at 52.225-1.

(xvii) 52.225-4, Buy American Act—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 \$79,507, the provision with its Alternate II applies.

(D) If the acquisition value is \$79,507 or more but is less than \$100,000, the provision with its Alternate III applies.

(xviii) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.

(xix) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan—Certification. This provision applies to all solicitations.

(xx) 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.

(xxi) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to—

(A) Solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions; and

(B) For DoD, NASA, and Coast Guard acquisitions, solicitations that contain the clause at 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns.

(2) The following certifications are applicable as indicated by the Contracting Officer:

[*Contracting Officer check as appropriate.*]

___ (i) 52.219-22, Small Disadvantaged Business Status.

___ (A) Basic.

___ (B) Alternate I.

___ (ii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.

___ (iii) 52.222-48, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment Certification.

___ (iv) 52.222-52, Exemption from Application of the Service Contract Act to Contracts for Certain Services—Certification.

___ (v) 52.223-9, with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA—Designated Products (Alternate I only).

___ (vi) 52.227-6, Royalty Information.

___ (A) Basic.

___ (B) Alternate I.

___ (vii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.

(d) The offeror has completed the annual representations and certifications electronically via the SAM website accessed through <https://www.acquisition.gov>. After reviewing the SAM database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in

paragraph (c) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [*offeror to insert changes, identifying change by clause number, title, date*]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR CLAUSE #	TITLE	DATE	CHANGE
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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. 52.225-18 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.4 AUTHORIZED CONTRACT 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:

[Proposal Note: If the bidder/offeror has indicated “yes” in blocks (a)(1), (2), or (3) of the following provision, the bidder/offeror shall include Defense Base Act insurance costs covering those employees in their proposed prices. The bidder/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>.]

L.5 652.228-70 DEFENSE BASE ACT – COVERED CONTRACTOR EMPLOYEES (JUNE 2006)

(a) Bidders/offerors shall indicate below whether or not any of the following categories of employees will be employed on the resultant contract, and, if so, the number of such employees:

<u>Category</u>	<u>Yes/No</u>	<u>Number</u>	
(1) United States citizens or residents			
(2) Individuals hired in the United States, regardless of citizenship			
(3) Local nationals or third country nationals where contract performance takes place in a country where there are no local workers’ compensation laws		local nationals:	
		third-country nationals:	
(4) Local nationals or third country nationals where contract performance takes place in a country where there are local workers’ compensation laws		local nationals:	
		third-country nationals:	

(b) The Contracting Officer has determined that for performance in the country of *Egypt*

- Workers’ compensation laws exist that will cover local nationals and third country nationals.
- Workers’ compensation laws do not exist that will cover local nationals and third country nationals.

(c) If the bidder/offeror has indicated “yes” in block (a)(4) of this provision, the bidder/offeror shall not purchase Defense Base Act insurance for those employees. However, the bidder/offeror shall assume liability toward the employees and their beneficiaries for war-hazard injury, death, capture, or detention, in accordance with the clause at FAR 52.228-4.

(d) RESERVED

(End of provision)

PERFORMANCE BOND
(See instructions on reverse)

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

OMB Number: **9000-0045**
Expiration Date: **6/30/2016**

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) <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> JOINT VENTURE <input type="checkbox"/> CORPORATION								
	STATE OF INCORPORATION								
SURETY(IES) (Name(s) and business address(es))	PENAL SUM OF BOND <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">MILLION(S)</td> <td style="width:25%;">THOUSANDS</td> <td style="width:25%;">HUNDRED(S)</td> <td style="width:25%;">CENTS</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	MILLION(S)	THOUSANDS	HUNDRED(S)	CENTS				
MILLION(S)	THOUSANDS	HUNDRED(S)	CENTS						
	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, 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.

PRINCIPAL

SIGNATURE(S)	1. _____ (Seal)	2. _____ (Seal)	3. _____ (Seal)	Corporate Seal
NAME(S) & TITLE(S) (Typed)	1. _____	2. _____	3. _____	

INDIVIDUAL SURETY(IES)

SIGNATURE(S)	1. _____ (Seal)	2. _____ (Seal)
NAME(S) (Typed)	1. _____	2. _____

CORPORATE SURETY(IES)

SURETY A	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1. _____	2. _____		
	NAME(S) & TITLE(S) (Typed)	1. _____	2. _____		

CORPORATE SURETY(IES) (Continued)

SURETY B	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.		
SURETY C	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.		
SURETY D	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.		
SURETY E	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.		
SURETY F	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.		
SURETY G	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1.	2.		
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.		

BOND PREMIUM		RATE PER THOUSAND (\$)	TOTAL (\$)
---------------------	---	------------------------	------------

INSTRUCTIONS

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., and 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. 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 estimate 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) <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> JOINT VENTURE <input type="checkbox"/> CORPORATION STATE OF INCORPORATION																				
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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				
SIGNATURE(S)	1.	2.	3.	Corporate Seal
	(Seal)	(Seal)	(Seal)	
NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.	3.	
INDIVIDUAL SURETY(IES)				
SIGNATURE(S)	1.	2.		
	(Seal)	(Seal)		
NAME(S) <i>(Typed)</i>	1.	2.		
CORPORATE SURETY(IES)				
SURETY A	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT
				\$
	SIGNATURE(S)	1.	2.	
				Corporate Seal
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.	

CORPORATE SURETY(IES) (Continued)

SURETY B	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT	Corporate Seal
	SIGNATURE(S)	1.	2.	\$	
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.		
SURETY C	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT	Corporate Seal
	SIGNATURE(S)	1.	2.	\$	
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.		
SURETY D	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT	Corporate Seal
	SIGNATURE(S)	1.	2.	\$	
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.		
SURETY E	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT	Corporate Seal
	SIGNATURE(S)	1.	2.	\$	
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.		
SURETY F	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT	Corporate Seal
	SIGNATURE(S)	1.	2.	\$	
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.		
SURETY G	NAME & ADDRESS		STATE OF INC.	LIABILITY LIMIT	Corporate Seal
	SIGNATURE(S)	1.	2.	\$	
	NAME(S) & TITLE(S) <i>(Typed)</i>	1.	2.		

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, [*Note to CO: insert Post name*]
[*Note to CO: insert mailing address*]

Letter of Guaranty No. _____

SUBJECT: Performance and Guaranty

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

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

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

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

Depository Institution: [*name*]

Address: _____

Representatives: _____ Location: _____

_____ State of Inc.: _____

_____ Corporate Seal: _____

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

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

(1) DIVISION/DESCRIPTION (2) LABOR (3) MATERIALS (4) OVERHEAD
(5) PROFIT (6) TOTAL

1. General Requirements
2. Site Work

3. Concrete
4. Masonry

5. Metals
6. Wood and Plastic

7. Thermal and Moisture
8. Doors and Windows

9. Finishes
10. Specialties

11. Equipment
12. Furnishings

13. Special Construction
14. Conveying Systems

15. Mechanical
16. Electrical

TOTAL: _____

[*Note to Contracting Officer: identify currency*]
Allowance Items:

PROPOSAL PRICE: _____

TOTAL: [*Note to Contracting Officer: identify currency*]

Alternates (list separately; do not total):

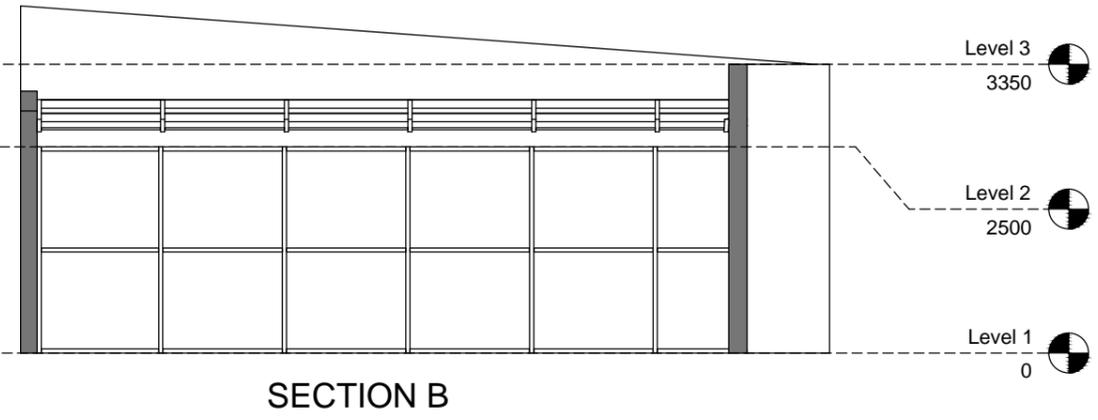
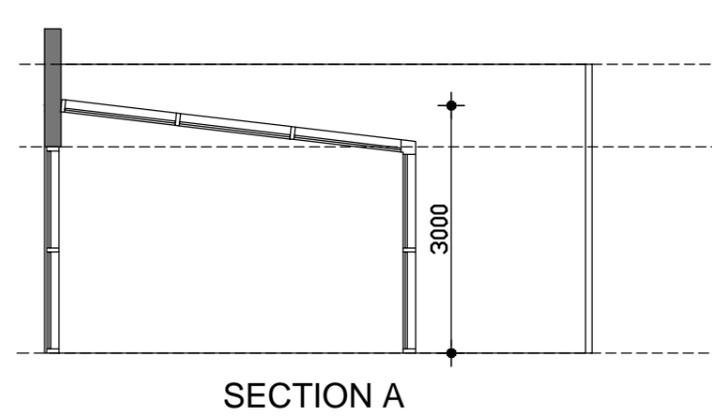
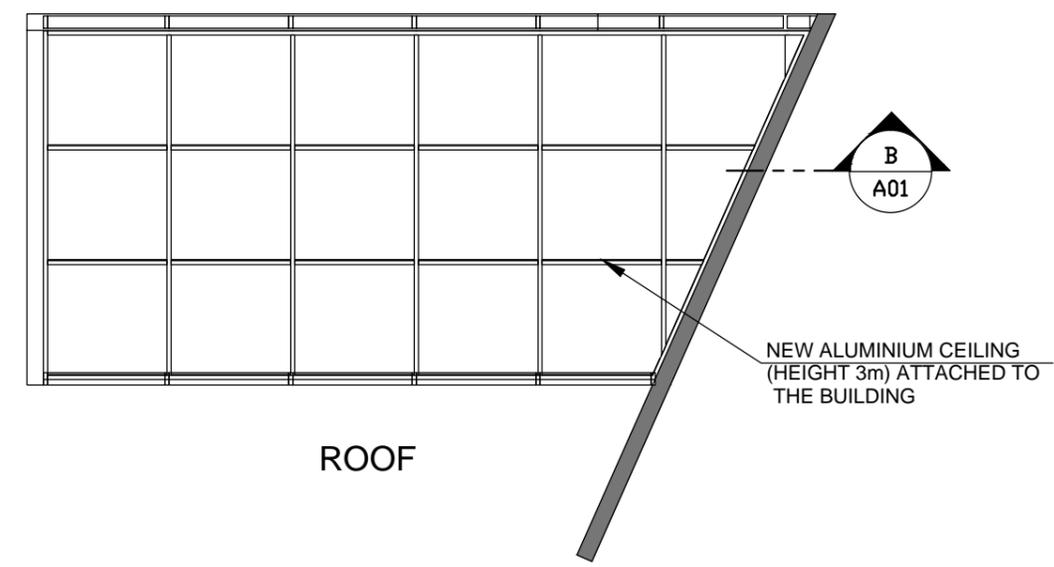
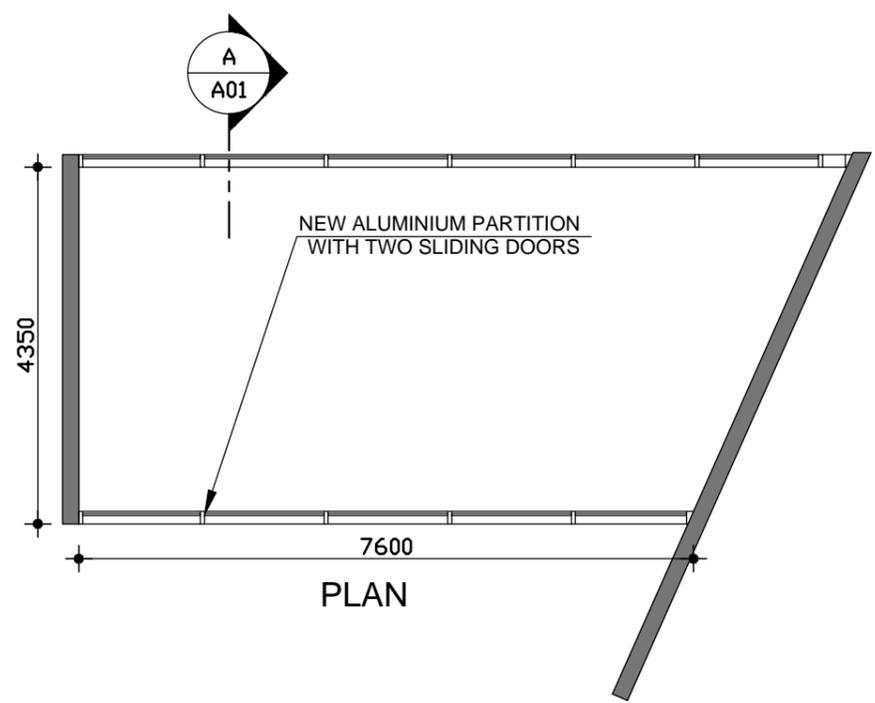
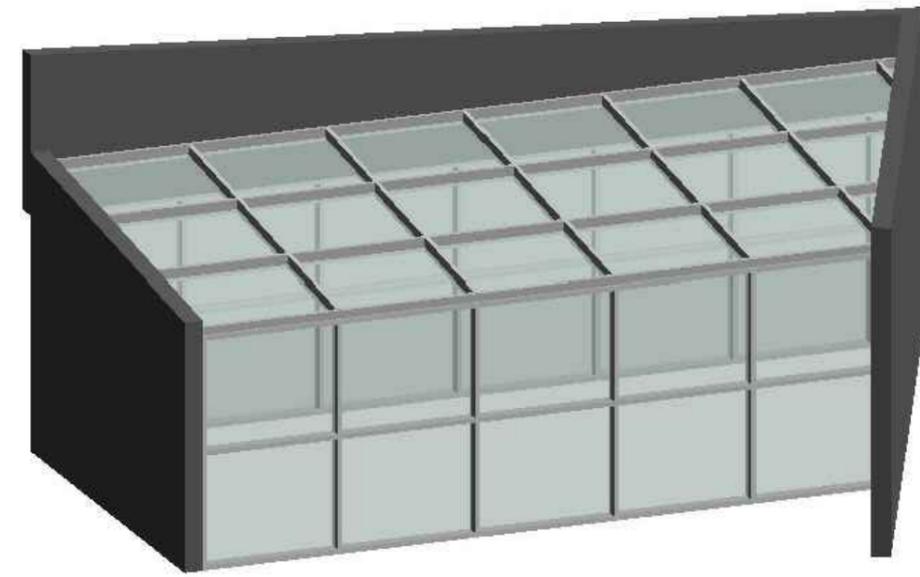
Offeror: _____ *Date* _____

PRICE BREAKDOWN BY DIVISION OF SPECIFICATION ITEMS

SUN ROOM
for
Cairo

WARNING: This document is the property of the U.S. Government. Further reproduction and/or distribution outside the contractor team is prohibited without the express written approval of: U.S. Department of State
ATTN: [Contracting Officer]
Washington, D.C. 20520

ALL DIMENSION TO BE FIELD
VERIFIED BY CONTRACTOR
BEFORE FABRICATION



ALL DIMENSIONS WITHOUT A DECIMAL ARE IN MILLIMETERS UND. ALL DIMENSIONS WITH A DECIMAL ARE IN METERS UND.

Revisions

Drawing Title SUN ROOM PROPOSAL	
Date FEB-2014	Sheet Number
Drawn By ENG. LILIAN FANOUS	A01
Checked By ENG. HALA KALDAS	
Drawing Scale 1:100	Classification SBU

1- GENERAL REQUIREMENTS

1.1 General

This statement of work covers the work required at US Embassy Compound

1.2 Summary of work

- 1.2.1 Supply and install all required materials and accessories required for the execution of an enclosed aluminum and glazed room, compound gym area.

1.3 Contractor provided services

All construction and materials shall be in accordance with the U.S. and local codes and as approved by the COR.

1.4 Submittals

- 1.4.1 The contractor shall submit **as part of his bid, the following:**

1. Proposed sketch including anchorage to existing detail.
2. A Construction schedule by working days.
3. Technical data for the following;
 - All components of the aluminum system.

- 1.4.2 **5 days after contract award** the contractor shall submit the following;

1. A complete design package and detailed shop drawings.
2. Detailed construction schedule
3. Samples for the Aluminum windows.

1.5 Alteration and coordination

Work under this contract involves the coordination of different activities during the entire project, including the preparation of drawings, diagrams and schedules from commencement to completion (and warranty periods).

Alterations and amendments: where applicable, requirements of contract documents apply to alteration and amendment works in same manner as for the work under this contract.

1.6 Grades, lines and levels

Where new work is to connect to existing work, dimensions and elevations of existing work must be verified. Any discrepancy between drawings and/or specifications and existing conditions shall be referred to the COR for adjustment before work affected has been performed. In the event of the contractor's failure to give such notice, he will be held responsible for results of any discrepancies and costs of rectifying them. The submission of the bid will be conclusive evidence that the bidder has complied with all conditions related to the character, quality and quantity of work requirements to be performed. No claims for additional time or compensation due to variations between existing and conditions encountered during construction will be honored.

1.7 Construction work procedure

- 1.7.1 Where new work under this project disturbs existing work, the affected surfaces shall be repaired or refinished to match the existing and left in as good condition as existed before the commencement of the work. Materials and workmanship used in such repair work, unless otherwise indicated or specified, shall conform in type, quality and appearance to the original existing construction.
- 1.7.2 The contractor shall be subject to and shall at all times conform to the Contracting Office Representative's (COR) requirements for the protection of the Complex, equipment, and materials. Welding, burning, and cutting operations in existing areas are prohibited unless otherwise approved in advance by the COR.
- 1.7.3 Field supervision: At all times, during any performance of the work conducted by the contractor, the contractor shall have English speaking technically qualified representative on site. The COR shall have the right to determine whether the proposed representative has sufficient technical and lingual capabilities, and the contractor shall immediately replace any individual not acceptable to the COR at no change in contract price.
- 1.7.4 Trash and building materials removed under this contract shall be removed from site on a daily basis. After completion of all work, the contractor shall remove all remaining materials and any equipment that does not belong to the United States Government (USG), leaving the site neat and clean with all functions operating.

1.8 Special project procedures

- 1.8.2. All work shall be performed from 8:00 a.m. to 6:00 p.m., Sunday through Thursday except for the holidays identified in the holiday schedule attached, which are considered non-working days. Other hours may be approved by the COR with at least 48 hours advance written request.
- 1.8.3 Storage, loading, unloading, and trash removal shall be inside the premises of the compound and not on the street or outside the property. Violation of this condition and results of this violation will be the complete responsibility of the contractor.
- 1.8.4 Construction debris shall be removed off site on a daily basis for cleanliness and safety reasons.

1.9 Construction Schedule

- 1.9.1 The contractor shall submit, as part of his bid, a detailed schedule showing each activity along with its duration, predecessors, and successors. A computerized schedule is preferred, however, a scaled bar chart may be acceptable.
Duration of work shall not exceed 30 calendar days.
- 1.9.2 The schedules shall be closely monitored and updated on a weekly basis to determine if the work progress is on or behind schedule. In case of behind schedule progress, the contractor shall identify areas of problem and take the necessary actions to improve and maintain progress within the approved schedule.

SECTION 08520 - ALUMINUM DOORS AND WINDOWS

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following types of aluminum-framed windows:
 - 1. Casement windows.
 - 2. Fixed windows.

1.2 PERFORMANCE REQUIREMENTS

- A. General: Provide aluminum doors and windows capable of complying with performance requirements indicated, based on testing manufacturer's windows that are representative of those specified.
- B. Structural Performance: Provide aluminum doors and windows capable of withstanding the following, including wind loads based on passing AAMA/NWWDA 101/I.S.2, Uniform Load Structural Test, at basic wind speed indicated:
 - 1. Deflection: Design glass framing system to limit lateral deflections of glass edges to less than 1/175 of glass-edge length or 20 mm, whichever is less, at design pressure based on structural computations.
 - 2. Basic Wind Speed: As measured in meters per second 10 m above grade. Determine wind loads and resulting design pressures applicable to Project according to the applicable Code of Practice.
- C. Air Infiltration: Maximum rate not more than indicated when tested according to AAMA/NWWDA 101/I.S.2, Air Infiltration Test.
 - 1. Maximum Rate: 5 cu. m/h x sq. m of area at an inward test pressure of 75 Pa.
- D. Water Resistance: No water leakage as defined in AAMA/NWWDA referenced test methods at a water test pressure equaling that indicated, when tested according to AAMA/NWWDA 101/I.S.2, Water Resistance Test.
 - 1. Test Pressure: 15 percent of positive design pressure, but not less than 140 Pa or more than 580 Pa.
- E. Sound Transmission Class: Provide glazed windows rated for not less than 35 STC when tested for laboratory sound transmission loss according to ASTM E 90 and determined by ASTM E 413.

- F. Thermal Movements: Provide aluminum doors and windows, including anchorage, that accommodate thermal movements of units resulting from the following maximum change (range) in ambient and surface temperatures without buckling, distortion, opening of joints, failure of joint sealants, damaging loads and stresses on glazing and connections, and other detrimental effects. Base engineering calculation on actual surface temperatures of materials due to solar heat gain and nighttime-sky heat loss.
 - 1. Temperature Change (Range): 67 deg C, ambient; 100 deg C material surfaces.

1.3 REFERENCES

- A. AAMA 603.8 - Performance Requirements and Test Procedures for Pigmented Organic Coatings on Extruded Aluminum.
- B. AAMA 605.2 - Specification for High Performance Organic Coatings on Architectural Extrusions and Panels.
- C. AAMA 606.1 - Specifications and Inspection Methods for Integral Color Anodic Finishes for Architectural Aluminum.
- D. AAMA 607.1 - Specifications and Inspection Methods for Clear Anodic Finishes for Architectural Aluminum.
- E. AAMA 608.1 - Specification and Inspection Methods for Electrolytically Deposited Color Anodic Finishes for Architectural Aluminum.
- F. AAMA SFM-1 - Aluminum Storefront and Entrance Manual.
- G. ANSI/ASTM A386 - Zinc Coating (Hot Dip) on Assembled Steel Products.
- H. ANSI/ASTM A446 - Steel Sheet, Zinc-Coated (Galvanized) by the Hot-Dip Process, Structural (Physical) Quality.
- I. ANSI/ASTM B209 - Aluminum and Aluminum-Alloy Sheet and Plate.
- J. ANSI/ASTM E331 - Test Method for Water Penetration of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference.

1.4 SUBMITTALS

- A. Product Data: Include construction details, material descriptions, fabrication methods, dimensions of individual components and profiles, hardware, finishes, and operating instructions for each type of aluminum window indicated.
- B. Shop Drawings: Include plans, elevations, sections, details, hardware, attachments to other Work, operational clearances, and the following:
 - 1. Mullion details, including reinforcement and stiffeners.
 - 2. Joinery details.
 - 3. Expansion provisions.
 - 4. Flashing and drainage details.
 - 5. Weather-stripping details.
 - 6. Thermal-break details.
 - 7. Glazing details.
 - 8. Window cleaning provisions.
- C. Samples for Initial Selection: For units with factory-applied color finishes.
- D. Samples for Verification: For aluminum window components required, prepared on Samples of size indicated below.
 - 1. Main Framing Member: 300-mm long, full-size sections of extrusions with factory-applied color finish.
 - 2. Hardware: Full-size units with factory-applied finish.
 - 3. Weather Stripping: 300-mm long sections.

1.5 QUALITY ASSURANCE

- A. Source Limitations: Obtain aluminum doors and windows through one source from a single manufacturer.
- B. Product Options: Information on Drawings and in Specifications establishes requirements for aluminum doors and windows' aesthetic effects and performance characteristics. Aesthetic effects are indicated by dimensions, arrangements, alignment, and profiles of components and assemblies as they relate to sightlines, to one another, and to adjoining construction. Performance characteristics are

indicated by criteria subject to verification by one or more methods including preconstruction testing, field testing, and in-service performance.

1.6 PROJECT CONDITIONS

- A. Field Measurements: Verify aluminum window openings by field measurements before fabrication and indicate measurements on Shop Drawings.

1.7 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace aluminum doors and windows that fail in materials or workmanship within specified warranty period. Failures include, but are not limited to, the following:
 - 1. Failure to meet performance requirements.
 - 2. Structural failures including excessive deflection.
 - 3. Water leakage, air infiltration, or condensation.
 - 4. Faulty operation of movable sash and hardware.
 - 5. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
 - 6. Insulating glass failure.
- B. Warranty Period: Three years from date of Substantial Completion.
- C. Warranty Period for Finishes: 15 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - 1. Egybel
 - 2. Schuco
 - 3. Alutec

2.2 MATERIALS, GENERAL

- A. Aluminum Extrusions: Alloy and temper recommended by aluminum window manufacturer for strength, corrosion resistance, and application of required finish, but not less than 150-Mpa ultimate tensile strength, not less than 110-MPa minimum yield strength, and not less than 1.6-mm thickness at any location for the main frame and sash members.
- B. Fasteners: Aluminum, nonmagnetic stainless steel, epoxy adhesive, or other materials warranted by manufacturer to be noncorrosive and compatible with aluminum window members, trim, hardware, anchors, and other components.
 - 1. Reinforcement: Where fasteners screw-anchor into aluminum less than 3.2 mm thick, reinforce interior with aluminum or nonmagnetic stainless steel to receive screw threads, or provide standard, noncorrosive, pressed-in, splined grommet nuts.
 - 2. Exposed Fasteners: Unless unavoidable for applying hardware, do not use exposed fasteners. For application of hardware, use fasteners that match finish of member or hardware being fastened, as appropriate.
- C. Anchors, Clips, and Accessories: Aluminum, nonmagnetic stainless steel, or zinc-coated steel or iron complying with ASTM B 633 for SC 3 severe service conditions; provide sufficient strength to withstand design pressure indicated.
- D. Reinforcing Members: Aluminum, nonmagnetic stainless steel, nickel/chrome-plated steel complying with ASTM B 456 for Type SC 3 severe service conditions, or zinc-coated steel or iron complying with ASTM B 633 for SC 3 severe service conditions; provide sufficient strength to withstand design pressure indicated.
- E. Compression-Type Weather Stripping: Provide compressible weather stripping designed for permanently resilient sealing under bumper or wiper action, and completely concealed when aluminum window is closed.
 - 1. Weather-Stripping Material: Elastomeric cellular preformed gaskets complying with ASTM C 509.
- F. Sliding-Type Weather Stripping: Provide woven-pile weather stripping of wool, polypropylene, or nylon pile and resin-impregnated backing fabric. Comply with AAMA 701/702.
- G. Sealant: For sealants required within fabricated windows, provide window manufacturer's standard, permanently elastic, nonshrinking, and nonmigrating type recommended by sealant manufacturer for joint size and movement.

2.3 GLAZING

- A. Glazing System: Manufacturer's standard factory-glazing system that produces weathertight seal.

- B. Insulating-Glass Units: Preassembled units consisting of sealed lites of glass separated by a dehydrated interspace, and complying with ASTM E 774 for Class CBA units
- C. Overall Unit Thickness and Thickness and type of Each Lite to be as listed below:
 - 1. Outside Lite: Clear float glass of thickness 6 mm.
 - 2. Inside Lite: Clear float glass of thickness 5 mm.
 - 3. Interspace thickness 12 mm.
- D. Dual-Action Windows: Provide pivoting unit for double-glazing, constructed of one sheet of glass in a removable sash for access to interior of unit, installed with airtight gaskets.

2.4 **HARDWARE**

- A. General: Provide manufacturer's standard hardware fabricated from aluminum, stainless steel, carbon steel complying with AAMA 907, or other corrosion-resistant material compatible with aluminum; designed to smoothly operate, tightly close, and securely lock aluminum doors and windows and sized to accommodate sash or ventilator weight and dimensions. Do not use aluminum in frictional contact with other metals. Where exposed, provide extruded, cast, or wrought aluminum.
- B. Sill Cap/Track: Extruded-aluminum with natural anodized finish, rigid PVC or other weather-resistant plastic with manufacturer's standard integral color track of thickness, dimensions, and profile indicated; designed to comply with performance requirements indicated and to drain to the exterior.
- C. Locks and Latches: Designed to allow unobstructed movement of the sash across adjacent sash in direction indicated and operated from the inside only.
- D. Roller Assemblies: Low-friction design.
- E. Push-Bar Operators: Provide telescoping-type, push-bar operator designed to open and close ventilators with fixed screens.
- F. Limit Devices: Provide limit devices designed to restrict sash or ventilator opening.
- G. Casement Windows: Provide the following operating hardware:
 - 1. Hinge: Extension hinge or pivot, nonfriction type.
 - 2. Lock: Combination dual lever handles, tie rod, and cam-action locks with keepers.
 - 3. Limit Device: Concealed support arms with adjustable, limited, hold-open limit device.

- H. Dual Horizontal-Sliding Windows: Provide the following operating hardware:
1. Sash Rollers: Stainless-steel, lubricated ball-bearing rollers with nylon tires.
 2. Sash Lock: Cam-action sweep sash lock and keeper at meeting rails.
 3. Limit Device: Sash stop limit device; mounted in bottom of pull stile.
 4. Removable Lift-Out Sash: Design windows and provide with hardware to permit removal of sash from inside for cleaning.

2.5 INSECT SCREENS

- A. General: Design windows and hardware to accommodate screens in a tight-fitting, removable arrangement, with a minimum of exposed fasteners and latches. Locate screens on outside of window and provide for each operable exterior sash or ventilator.
1. Comply with SMA 1004, "Specifications for Aluminum Tubular Frame Screens for Windows," for minimum standards of appearance, fabrication, attachment of screen fabric, hardware, and accessories unless more stringent requirements are indicated.
- B. Aluminum Insect Screen Frames: Manufacturer's standard aluminum alloy complying with SMA 1004. Fabricate frames with mitered or coped joints, concealed fasteners, adjustable rollers, and removable PVC spline/anchor concealing edge of frame.
1. Aluminum Tubular Framing Sections and Cross Braces: Roll formed from aluminum sheet with minimum wall thickness as required for class indicated.
 2. Finish: Match aluminum window members.
- C. Glass-Fiber Mesh Fabric: 1.1-by-1.4-mm or 1.0-by-1.1-mm mesh of PVC-coated, glass-fiber threads; woven and fused to form a fabric mesh resistant to corrosion, shrinkage, stretch, impact damage, and weather deterioration in the following color. Comply with ASTM D 3656.

2.6 FABRICATION

- A. General: Fabricate aluminum doors and windows, in sizes indicated, that comply with requirements and that meet or exceed AAMA/NWWDA 101/I.S.2 performance requirements for the following window type and performance class. Include a complete system for assembling components and anchoring windows.
- B. Fabricate aluminum doors and windows that are reglazable without dismantling sash or ventilator framing.

- C. Thermally Improved Construction: Fabricate aluminum doors and windows with an integral, concealed, low-conductance thermal barrier; located between exterior materials and window members exposed on interior side; in a manner that eliminates direct metal-to-metal contact.
- D. Weather Stripping: Provide full-perimeter weather stripping for each operable sash and ventilator.
 - 1. Horizontal-Sliding Windows: Provide operable sash with a double row of sliding weather stripping in horizontal rails and single- or double-row weather stripping in meeting or jamb stiles, as required to meet specified performance requirements. Provide compression-type weather stripping at perimeter of each movable panel where sliding-type weather stripping is not appropriate.
- E. Weep Holes: Provide weep holes and internal passages to conduct infiltrating water to exterior.
- F. Mullions: Provide mullions and cover plates as shown, matching window units, complete with anchors for support to structure and installation of window units. Allow for erection tolerances and provide for movement of window units due to thermal expansion and building deflections, as indicated. Provide mullions and cover plates capable of withstanding design loads of window units.
- G. Subframes: Provide subframes with anchors for window units as shown, of profile and dimensions indicated but not less than 1.6-mm- thick extruded aluminum. Miter or cope corners, and weld and dress smooth with concealed mechanical joint fasteners. Finish to match window units. Provide subframes capable of withstanding design loads of window units.
- H. Factory-Glazed Fabrication: Glaze aluminum doors and windows in the factory where practical and possible for applications indicated.

2.7 **FINISHES**

- A. General: Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
- B. Finish designations prefixed by AA comply with the system established by the Aluminum Association for designating aluminum finishes.
- C. High-Performance Organic Finish: AA-C12C42R1x (Chemical Finish: cleaned with inhibited chemicals; Chemical Finish: acid-chromate-fluoride-phosphate conversion coating; Organic Coating: as specified below). Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.
 - 1. Fluoropolymer (PVDF) Three-Coat System: Manufacturer's standard three-coat, thermocured system consisting of specially formulated

inhibitive primer, fluoropolymer color coat, and clear fluoropolymer topcoat, with both color coat and clear topcoat containing not less than 70 percent polyvinylidene fluoride resin by weight; complying with AAMA 2605.

- a. Color and Gloss: As selected by Architect from manufacturer's full range.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine openings, substrates, structural support, anchorage, and conditions, with Installer present, for compliance with requirements for installation tolerances; rough opening dimensions; levelness of sill plate; coordination with wall flashings, vapor retarders, and other built-in components; operational clearances; and other conditions affecting performance of work.
 1. Masonry Surfaces: Visibly dry and free of excess mortar, sand, and other construction debris.
 2. Wood Frame Walls: Dry, clean, sound, well nailed, free of voids, and without offsets at joints. Ensure that nail heads are driven flush with surfaces in opening and within 76 mm of opening.
 3. Metal Surfaces: Dry; clean; free of grease, oil, dirt, rust, corrosion, and welding slag; without sharp edges or offsets at joints.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. General: Comply with manufacturer's written instructions for installing windows, hardware, accessories, and other components; Drawings; and Shop Drawings.
- B. Install windows level, plumb, square, true to line, without distortion or impeding thermal movement, anchored securely in place to structural support, and in proper relation to wall flashing and other adjacent construction.
- C. Set sill members in bed of sealant or with gaskets, as indicated, for weathertight construction.
- D. Install windows and components to drain condensation, water penetrating joints, and moisture migrating within windows to the exterior.
- E. Metal Protection: Separate aluminum and other corrodible surfaces from sources of corrosion or electrolytic action at points of contact with other materials by complying with requirements specified in "Dissimilar Materials" Paragraph in Appendix B in AAMA/NWWDA 101/I.S.2.

3.3 ADJUSTING

- A. Adjust operating sashes and ventilators, screens, hardware, and accessories for a tight fit at contact points and weather stripping for smooth operation and weathertight closure. Lubricate hardware and moving parts.

3.4 PROTECTION AND CLEANING

- A. Protect window surfaces from contact with contaminating substances resulting from construction operations. In addition, monitor window surfaces adjacent to and below exterior concrete and masonry surfaces during construction for presence of dirt, scum, alkaline deposits, stains, or other contaminants. If contaminating substances do contact window surfaces, remove contaminants immediately according to manufacturer's written recommendations.
- B. Clean aluminum surfaces immediately after installing windows. Avoid damaging protective coatings and finishes. Remove excess sealants, glazing materials, dirt, and other substances.
- C. Clean factory-glazed glass immediately after installing windows. Comply with manufacturer's written recommendations for final cleaning and maintenance. Remove nonpermanent labels and clean surfaces.
- D. Remove and replace glass that has been broken, chipped, cracked, abraded, or damaged during construction period.

END OF SECTION 08520

Safety Requirements

1.0 Scope and Application

This document applies to all contractors and subcontractors working at or on U.S. Embassy property owned or leased as specified in the scope of work. While working on U.S. Government projects the contractor or subcontractor are responsible for maintaining safety for the workers and public. Personnel shall not use equipment for tasks other than what it was designed for, or equipment which is unsafe. All equipment, tools, etc. shall be manufactured by a commercial manufacturer and not "homemade" and shall be in good condition with no obvious or latent defects. The Contractor shall consult with the Contracting Officer's Representative (COTR) as necessary to ensure full compliance.

2.0 Basic requirements

The contractor will identify a safety officer for each project responsible for the following:

2.1. Proper Protective Equipment (PPE) will be worn by workers while in any work area or while performing tasks that create hazards for workers. Appropriate task based PPE shall be used at all times. Examples of PPE include, but is not limited to, the following:

- a. Safety glasses will be worn while performing drilling, chiseling, chipping, and metal working.
- b. Hearing protection will be provided for all those operating or working within proximity of loud power tools and equipment.
- c. Hard hats must be worn in areas where falling objects are a hazard.
- d. Gloves will be worn for cleanup and removal of work area waste.
- e. Proper footwear will be provided for all workmen (Safety Shoes).
- f. Safety or visibility screens should be erected for such jobs as welding or grinding.

2.2 Fall Protection: Fall prevention measures are necessary for anyone working six feet (1.83M) or more above the lower level. In addition to using safe ladders, safety measures may involve two person teams to ensure ladder stability, a rope and bucket for the movement of tools and supplies, safety harness and other fall prevention equipment, etc.

2.3 Scaffolding and ladder work

- a. Inspect the ladder prior to EVERY use.
- b. Barricade traffic areas in the vicinity of ladder use, and lock, barricade or guard doorways in which a ladder is placed. Keep the area around the top and bottom of the ladder clear.

- c. Scaffolding shall be secured at intervals of 15 feet to a solid support. Securing will be by wire, cable, chain or rope.
- d. Scaffolding shall not be moved until its height is reduced below 15 feet. Sufficient help shall be used to move the scaffold.
- e. Guard rails and toe boards are required on any scaffold over five feet high.

2.4 Use of Signs and Barriers

- a. Barriers and signs shall identify workplace hazards and special instructions.
- b. Minimum space required to perform work shall be identified.
- c. Ribbon, tape, fencing or portable barriers will create a controlled area around a work site.

2.5 Lockout/Tagout: Ensure that electrical and mechanical equipment is de-energized and cannot be accidentally re-energized while employees work on the equipment by locking out and tagging the affected equipment.

2.6 Electrical:

- a. Electrical "Hot Work" is defined as work where exposed and/or unguarded circuits or parts are energized at 50 volts AC or 100 volts DC. Hot electrical work is to be performed as a last resort and not as a matter of efficiency or expediency. Before undertaking any hot electrical work employees are required to consult with the COTR for guidance. If the COTR concurs, a "SHEM – HOT WORK ELECTRICAL PERMIT" will be issued.
- b. All power cords and power taps will be wired appropriately, leaving no exposed wires that are live or could come in contact with staff.
- c. While connecting or working on electrical system circuits, lockout/tag-outs will be used on the specific de-energized circuit (turned off at the main breaker).
- d. Power cords will not rest in areas that are prone to flooding or constantly wet, (i.e. running through puddles on the floor).
- e. Equipment will be plugged into a standard receptacle not/not wired directly into power taps.
- f. Power cords or temporary wiring crossing footpaths will be properly protected/marked to alleviate tripping hazards.
- g. All receptacle outlets that provide temporary electrical power during construction, remodeling, maintenance, repair, or demolition, shall have ground -fault circuit-interrupter (GFCI) protection for personnel. GFCI protection shall be minimum 30 mA provided on all circuits serving portable electric hand tools or semi-portable electric power tools.

2.7 Welding/Cutting/Grinding (Hot Work):

- a. Prior to performing any "Hot Work", the Contractor MUST obtain a "DS-1939 HOT WORK PERMIT" from the COTR. Whenever welding, cutting or grinding must be done in areas not specifically designed for this type of work, the area shall be inspected prior to the beginning of any work, or using

equipment which could directly/indirectly start a fire, or damage other portions of the facility, examples include but are not limited to:

1. Any operation or equipment which produces a flame or which may be a source of ignition for flammable gases and vapors by producing surface temperatures greater than 302 F (150 C).
 2. Any maintenance or construction work which, as a result of friction, will generate a spark (grinding, chipping, drilling, hammering, or any material flow which can create static electricity).
- b. When such condition(s) exist the contractor shall:
1. Sweep the floors clean.
 2. Wet combustible floors or cover them with sheet metal or other noncombustible material.
 3. Provide physical protection over other surfaces that could be damaged or negatively affected by the contractors' actions.
 4. Remove all flammable liquids and oil deposits from the work area.
 5. Move combustible material at least 35 feet away from the work area.
 6. Remove combustible material from ducts and enclosed equipment.
 7. Do not work on walls or ceilings containing combustible insulation.
 8. Station fire watch personnel with a small hose or extinguisher to smother fires started by sparks.
 9. **Fire watch personnel must remain at the work area at least one half hour after the job** is completed to suppress and fire and to ensure that there is no fire in adjoining areas.

2.8 Waste cleanup and removal

- a. All excess or waste materials will be removed from the site at the close of the work day. Debris will be removed to include food bags and containers.
- b. Chemicals, paints and solvents will be clearly identified as such and at no time will they be left opened and unattended. They will be secured away from unauthorized personnel in a proper storage container or facility.

2.9 Confined Space:

- a. In general, a confined space is a work location that is large enough and configured so that personnel can enter and perform assigned work, has limited and/or restricted openings for entry and is not designed for continuous occupancy. Confined spaces pose unique health and safety hazards due to their contents, configurations and materials that are introduced during work tasks. Typical confined spaces include water storage vessels, fuel tanks, cooling towers, vaults, pits, trenches, manholes and sewer systems. Confined spaces can be above or below grade.
- b. Prior to undertaking/contracting any work in a confined space the Contractor shall consult with the COTR. The COTR will in turn issue a "CONFINED SPACE ENTRY PERMIT" if the COTR is satisfied that the work can be accomplished in a safe manner and it is in compliance with Department of

State guidelines. In some cases the COTR must repeat **must notify** and obtain approval from the Department. For example work in fuel tanks, septic tanks, manholes, and sewer systems requires prior approval from the Department.