

SOLICITATION, OFFER, AND AWARD <i>(Construction, Alteration, or Repair)</i>	1. SOLICITATION NO.	2. TYPE OF SOLICITATION	3. DATE ISSUED	PAGE OF PAGES
	S-IZ100-12-R-0008	<input type="checkbox"/> SEALED BID (IFB) <input checked="" type="checkbox"/> NEGOTIATED (RFP)	December 27, 2011	1 of 117

IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.

4. CONTRACT NO.	5. REQUISITION/PURCHASE REQUEST NO. PR1557655	6. PROJECT NO.
7. ISSUED BY American Embassy Al-Kindi Street International Zone Bagdad, Iraq	CODE	8. ADDRESS OFFER TO BaghdadGSOProcBid@state.gov
9. FOR INFORMATION CALL: →	A. NAME Desiree Tupper	B. TELEPHONE NO. <i>(Include area code)</i> (NO COLLECT CALLS) BaghdadGSOProcurement@state.gov

SOLICITATION

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder."

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS *(Title, identifying no., date):*

Provide security and functional improvements to the General Services (GSO) warehouse at the U.S. Embassy compound, Baghdad, Iraq.

- A. SF-1442, Solicitation, Offer and Award
- B. Scope of Work
- C. Packaging and Marking
- D. Inspection and Acceptance
- E. Deliveries/Performancel
- F. Administrative Data
- G. Special Requirements
- H. Clauses
- I. List of Attachments
- J. Quotation Information
- K. Evaluation Criteria
- L. Representations, Certifications, and other Statements of Offerors or Quoters
- M. Evaluation Factors For Award

11. The Contractor shall begin performance within 5 calendar days and complete it within 90 calendar days after receiving award, notice to proceed. This performance period is mandatory, negotiable. (See _____.)

12A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? <i>(If "YES," indicate within how many calendar days after award in Item 12B.)</i> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	12B. CALENDAR DAYS 10
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13. ADDITIONAL SOLICITATION REQUIREMENTS:

Sealed offers in original and 1 copies to perform the work required are due at the place specified in Item 8 by **12:00 noon on January 27, 2012** local time . If this is a sealed bid solicitation, offers must be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, and the date and time offers are due.

An offer guarantee is, is not required.

All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by referenced. Offers providing less than 90 calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

OFFER (Must be fully completed by offeror)

14. NAME AND ADDRESS OF OFFEROR (Include ZIP Code)	15. TELEPHONE NO. (Include area code)
CODE	16. REMITTANCE ADDRESS (Include only if different than Item 14)
FACILITY CODE	

17. The offeror agrees to perform the work at the prices specified below in strict accordance with the terms of this solicitation, if this offer is accepted by the Government within 60 calendar days after the date offers are due. (Insert any number equal to or greater than the minimum requirement stated in Item 13D. Failure to insert any number means the offeror accepts the minimum in Item 13D.)

A **AMOUNTS** →

18. The offeror agrees to furnish any required performance and payment bonds.

19. ACKNOWLEDGMENT OF AMENDMENTS

The offeror acknowledges receipt of amendments to the solicitation -- give number and date of each

AMENDMENT NO.									
DATE									

20A. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER <i>(Type or print)</i>	B. SIGNATURE	C. OFFER DATE
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AWARD (To be completed by Government)

21. ITEMS ACCEPTED:

22. AMOUNT	23. ACCOUNTING AND APPROPRIATION DATA
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24. SUBMIT INVOICES TO ADDRESS SHOWN IN <i>(4 copies unless otherwise specified)</i> →	ITEM	25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO <input type="checkbox"/> 10 U.S.C. 2304(c)() <input type="checkbox"/> 41 U.S.C. 253(c)()
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26. ADMINISTERED BY	CODE	27. PAYMENT WILL BE MADE BY <p align="center">U.S. Embassy Baghdad</p>
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CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

<input checked="" type="checkbox"/> 28. NEGOTIATED AGREEMENT (Contractor is required to sign this document and return <u>1</u> copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all work, requisitions identified on this form and any continuation sheets for the consideration slated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations, certifications, and specifications or incorporated by reference in or attached to this contract.	<input type="checkbox"/> 29. AWARD (Contractor is not required to sign this document.) Your offer on this solicitation is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.
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30A. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED TO SIGN (Type or print)	31.A. NAME OF CONTRACTING OFFICER (TYPE OR PRINT)
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30B. SIGNATURE	30C. DATE	31B. UNITED STATES OF AMERICA BY	31C. AWARD DATE
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Computer Generated
BACK (REV. 4-85)

STANDARD FORM 1442

**SECTION B - SUPPLIES OR SERVICES
AND PRICES/COSTS**

B.1 CONTRACT PRICE

The contractor shall complete all work (including furnishing all labor, material, equipment and services) required under this contract for the following firm fixed price and within the time specified. This price shall include all labor, materials, overhead (including insurance required by FAR 52.228-4, Workers' Compensation and War-Hazard Insurance, which shall be a direct reimbursement), and profit.

USD _____ Total Price

DBA _____

TOTAL CONTRACT PRICE including DBA _____

B.2 TYPE OF CONTRACT

This is a firm fixed price contract payable entirely in the currency indicated in the SF-1442. No additional sums will be payable for any escalation in the cost of materials, equipment or labor, or because of the contractor's failure to properly estimate or accurately predict the cost or difficulty of achieving the results required. The Government will not adjust the contract price due to fluctuations in currency exchange rates. The Government will only make changes in the contract price or time to complete due to changes made by the Government in the work to be performed, or by delays caused by the Government.

The Government will make payments based on quantities and unit prices only to the extent specifically provided in the contract.

**SECTION C - DESCRIPTION/SPECIFICATIONS
STATEMENT OF WORK**

C.1 CHARACTER AND SCOPE OF WORK

The Contractor shall furnish and install all materials required by this contract. The contract drawings are set forth in Section J as Attachment 5 and the Specifications/Statement of Work are set forth in Section J as Attachment 6.

C.2 DRAWINGS

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

SECTION D - PACKAGING AND MARKING

D.1 The Contractor shall mark materials delivered to the site as follows:

American Embassy
Baghdad, Iraq

SECTION E - INSPECTION AND ACCEPTANCE

E.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

<http://acquisition.gov/far/index.html> or, <http://farsite.hill.af.mil/search.htm>

These addresses are subject to change. If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Dept. of State Acquisition Website at

<http://www.statebuy.state.gov/> to see the links to the FAR. You may also use an Internet “search engine” (such as, Yahoo, Excite, Alta Vista, etc.) to obtain the latest location of the most current FAR.

FEDERAL ACQUISITION REGULATION (48 CFR CH. 1)

52.246-12	INSPECTION OF CONSTRUCTION	AUG 1996
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E.2 QUALITY ASSURANCE

The Contractor shall institute an appropriate inspection system set forth in a Quality Assurance Plan. The plan shall include checklists of duties to be carried out, ensuring these duties are carried out by the supervisory staff and senior employees, and carrying out weekly inspections to determine whether the various services are being performed according to the contract. The Contractor shall provide copies of the weekly inspection reports to the COR.

The Contractor shall correct and improve promptly any shortcomings and substandard conditions noted during inspections. The Contractor shall bring any conditions beyond the responsibility of the Contractor to the attention of the Contracting Officer or COR.

E.2.1 MONTHLY REPORT: reserved.

E.2.2. INSPECTION BY GOVERNMENT: 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.

E.3 SUBSTANTIAL COMPLETION

E.3.1 DEFINITIONS

- (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.

E.3.2 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 shall 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.

E.4 FINAL COMPLETION AND ACCEPTANCE

E.4.1 DEFINITIONS

- (a) "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.
- (b) 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.

E.4.2 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.

E.4.3 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:

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

SECTION F - DELIVERIES OR PERFORMANCE

F.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

<http://acquisition.gov/far/index.html> or, <http://farsite.hill.af.mil/search.htm>

These addresses are subject to change. If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Dept. of State Acquisition Website at <http://www.statebuy.state.gov/> to see the links to the FAR. You may also use an Internet “search engine” (such as, Yahoo, Excite, Alta Vista, etc.) to obtain the latest location of the most current FAR.

FEDERAL ACQUISITION REGULATION (48 CFR CH. 1)

52.242.14	SUSPENSION OF WORK	APR 1984
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F.2 52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)

The Contractor shall be required to:

- (a) commence work under this contract within Five (5) days after the date the Contractor receives the notice to proceed,
- (b) prosecute the work diligently, and
- (c) complete the entire work ready for use not later than ninety (90) days after Notice to Proceed. The time stated for completion shall include final cleanup of the premises and completion of “punch list” items.

F.3 LIQUIDATED DAMAGES

F.3.1 52.211-12 LIQUIDATED DAMAGES - CONSTRUCTION (SEP 2000)

- (a) If the Contractor fails to complete the work within the time specified in the contract, or any extension, the Contractor shall pay liquidated damages to the Government in the amount of **\$732.80** for each day of delay until the work is completed or accepted.
- (b) If the Government terminates the Contractor’s right to proceed, liquidated damages will continue to accrue until the work is completed. These liquidated damages are in addition to excess costs of repurchase under the Default clause.

F.3.2. ASSESSMENT AND APPORTIONMENT OF LIQUIDATED DAMAGES

Liquidated damages will be assessed from the completion date indicated in the contract or extensions thereof to the date of substantial completion as actually achieved by the Contractor, as determined by the Contracting Officer.

F.4 CONTRACTOR'S SUBMISSION OF CONSTRUCTION SCHEDULES

- (a) The time for submission of the schedules referenced in Section I, 52.236-15, "Schedules for Construction Contracts", paragraph (a), is hereby modified to reflect the due date for submission as "ten (10) days after receipt of an executed contract".
- (b) These schedules shall include the time by which shop drawings, product data, samples and other submittals required by the contract will be submitted for approval.
- (c) The Contractor shall revise such schedules (1) to account for the actual progress of the work, (2) to reflect approved adjustments in the performance schedule, and (3) as required by the Contracting Officer to achieve coordination with work by the Government and any separate contractors used by the Government. The Contractor shall submit a schedule which sequences work so as to minimize disruption at the job site.
- (d) All schedules 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 a 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.

F.5 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.

F.6 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 this notice 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.

F.7 NOTICE TO PROCEED

- (a) After receiving and accepting any bonds or evidence of insurance, the Contracting Officer will issue the Contractor a Notice to Proceed. The Contractor shall 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. Issuance of a Notice to Proceed by the Government before receipt of the required bonds or policies shall not be a waiver of the requirement to furnish these documents.

F.8 WORKING HOURS

All work shall be performed during regular workdays (Sunday to Thursday) between 08:00 and 17:00 except for the holidays identified below. Other hours, if requested by the Contractor, may be approved by the Contracting Officer's Representative. The Contractor shall give 24 hours in advance to COR who will consider any deviation from the hours identified above. Changes in work hours will not be a cause for a price increase.

- (a) The Department of State observes the following days as holidays:

- New Year's Day
- Martin Luther King's Birthday
- Washington's Birthday
- Memorial Day
- Independence Day
- Labor Day
- Columbus Day
- Veterans Day
- Thanksgiving Day
- Christmas Day

Any other day designated by Federal law, Executive Order or Presidential Proclamation, and all official holidays of the Republic of Iraq.

When any such day falls on a Saturday, the preceding Friday is observed; when any such day falls on a Sunday, the following Monday is observed. Observance of such days by Government personnel shall not be cause for additional period of performance or entitlement to compensation except as set forth in the contract. If the contractor's personnel work on a holiday, no form of holiday or other premium compensation will be reimbursed either as a direct or indirect cost, unless authorized pursuant to an overtime clause elsewhere in this contract.

F.9 EXCUSABLE DELAYS

The Contractor will be allowed time, not money, for excusable delays as defined in FAR 52.249-10, Default. Examples of such cases include:

- (l) acts of God or of the public enemy,

- (2) acts of the United States Government in either its sovereign or contractual capacity,
- (3) acts of the government of the host country in its sovereign capacity,
- (4) acts of another contractor in the performance of a contract with the Government,
- (5) fires,
- (6) floods,
- (7) epidemics,
- (8) quarantine restrictions,
- (9) strikes,
- (10) freight embargoes,
- (11) delays in delivery of Government furnished equipment and
- (12) unusually severe weather.

In each instance, the failure to perform must be beyond the control and without the fault or negligence of the Contractor, and the failure to perform. Furthermore, the failure:

- (1) must be one that the Contractor could not have reasonably anticipated and taken adequate measures to protect against,
- (2) cannot be overcome by reasonable efforts to reschedule the work, and
- (3) directly and materially affects the date of final completion of the project.

F.10 PRECONSTRUCTION CONFERENCE

A preconstruction conference will be held up to 10 days after contract award at the U.S. Consulate in Basrah, to discuss the schedule, submittals, notice to proceed, mobilization and other important issues that affect construction progress. See FAR 52.236-26, Pre-Construction Conference in Section I.

F.11 DELIVERABLES

The following items shall be delivered under this contract:

Description	Quantity	Delivery Date	Deliver To:
H.1.2. Bonds/Insurance	1	10 days after award	CO
H.11.1. Safety Plan	1	10 days after award	COR
H11 Safety incident Reports	1	Within 24 hours of incident	COR
E.2. Quality Assurance Plan	1	10 days after award	COR
F.4. Construction Schedule	1	5 days after NTP	COR
F.4.(c). Updates to Construction Schedule	1	Weekly	COR
H.14.1. Submittal Register	1	10 days after NTP	COR
F.10. Pre-Construction Conference	1	10 days after award	COR
H.13.2. Biographic Data on Personnel	1	10 days after award	COR
E.3.2. Request for Substantial Completion	1	5 days before inspection	COR
H.4.4. As-built Drawings and	1	85 days after NTP	COR

Warranties			
E.4.2. Request for Final Acceptance	1	5 days before inspection	COR
F.6 Notice of Delay	1	Within 10 days after event	CO
F.8 Additional Hours	1	No later than 24 hours in advance of need	COR
H.2.4 Evidence of Insurance	1	10 days after award	CO
H.17.2 Differing Site Condition	1	Within 10 days of occurrence	CO
Attachment 6: Project Notes/Sketches	1	10 days after NTP	COR

SECTION G - CONTRACT ADMINISTRATION DATA

G.1 AUTHORITY OF CONTRACTING OFFICER

All work shall be performed under the general direction of the Contracting Officer, who alone shall have the power to bind the Government and to exercise the rights, responsibilities, authorities and functions vested by the contract.

G.2 MONITORING OF THE CONTRACTOR

G.2.1. 652.242-70 CONTRACTING OFFICER'S REPRESENTATIVE (COR) (AUG 1999)

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

G.2.2 DUTIES

The COR is responsible for inspection and acceptance of services. These duties include review of Contractor invoices, including the supporting documentation required by the contract. The COR may provide technical advice, substantive guidance, inspections, invoice approval, and other purposes as deemed necessary under the contract. The COR is designated as the authority to act for the Contracting Officer in matters concerning technical clarification, random inspection of Contractor performance to ensure compliance with contract specifications and acceptance of the Contractor's performance under this contract. The COR will coordinate all work with the Contractor during the term of this contract. The COR is not authorized to alter the contract's terms, or conditions, including the design to budget parameter. Such changes must be authorized by the Contracting Officer in a written modification to the contract. Reference to the project architect within documents incorporated into this contract shall be read to mean COR.

G.3 PAYMENT

G.3.1 GENERAL

Payments are subject to FAR 52.232-5, "Payments Under Fixed-Price Construction Contracts".

G.3.2 DETAIL OF PAYMENT REQUESTS

Each application for payment shall cover the value of labor and materials completed and in place, including a prorated portion of overhead and profit. The Government will make payments no more frequently than monthly, unless otherwise provided in this contract. The Contractor shall address invoices to:

U.S Embassy Baghdad
Financial Management Officer
International Zone
Baghdad, Iraq

Alternately, invoices may be submitted in Acrobat PDF format only, to this email address:

BaghdadVouchers@state.gov

G.3.3 PAYMENTS TO SUBCONTRACTORS

The Contractor shall make timely payment from the proceeds of the progress or final payment for which request is being made to subcontractors and suppliers following the Contractor's contractual arrangements with them.

G.3.4 EVALUATION BY THE CONTRACTING OFFICER

Following 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 that is then due. If the Contracting Officer does not approve payment of the full amount applied for, less the retainage addressed in FAR 52.232-5, the Contracting Officer shall advise the Contractor of the reasons.

G.3.5 ADDITIONAL WITHHOLDING

The Government may withhold from payments due the Contractor any amounts as may be considered necessary to cover --

- (a) Wages or other amounts due the Contractor's employees on this project;
- (b) Wages or other amounts due employees of subcontractors on this project;
- (c) Amounts due suppliers of materials or equipment for this project; and
- (d) Any other amounts for which the Contractor may be held liable under this contract, including but not limited to the actual or prospective costs of correction of defective work and prospective liquidated damage when the Contractor has failed to make adequate progress.

This withholding is independent of monies retained by the Government under FAR 52.232-5, or otherwise as permitted to be retained under this contract.

G.3.6. PAYMENT

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.

G.4 SYNCHRONIZED PREDEPLOYMENT AND OPERATIONAL TRACKER (SPOT)

In accordance with paragraph (g) of contract clause 52.225-19, Contractor Personnel in a Designated Operational Area or Supporting a Diplomatic or Consular Mission Outside the United States, the contractor shall use Synchronized Predeployment and Operational Tracker (SPOT). Contractor shall enter before deployment, or if already in the designated operational area, enter upon becoming an employee under the contract, and maintain current data, including departure data, for all Contractor personnel that are authorized to support a diplomatic or consular mission outside the United States. Information on how to register in SPOT is available at <http://www.dod.mil/bta/products/spot.html>

SECTION H - SPECIAL CONTRACT REQUIREMENTS

H.1 BOND/IRREVOCABLE LETTERS OF CREDIT REQUIREMENTS

H.1.1 BONDS/IRREVOCABLE LETTERS OF CREDIT REQUIRED

The Contractor shall furnish (1) a performance and guaranty bond and a payment bond on forms provided by and from sureties acceptable to the Government, each in the amount of 20% of the contract price, or (2) comparable alternate performance security (irrevocable letter of credit) approved by the Government such as letter of credit/guaranty shown in Section J.

H.1.2 TIME FOR SUBMISSION

The Contractor shall provide the bonds or alternate security as required by the paragraph H.1.1 above within ten (10) days after contract award. Failure to submit (1) the required bonds or other security acceptable to the Government in a timely manner; (2) bonds from an acceptable surety; or (3) bonds in the required amount, 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).

H.1.3 COVERAGE

The bonds or alternate performance security shall guarantee the Contractor's execution and completion of the work within the contract time and the correction of any defects after completion as required by this contract, 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.

H.1.4 DURATION OF COVERAGE

The required performance and payment 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 only shall be reduced to 10% of the contract price. The performance 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. The requirement for payment security terminates at final acceptance.

H.1.5 FAR 52.228-2 - ADDITIONAL BOND SECURITY (OCT 1997)

The Contractor shall promptly furnish additional security required to protect the Government and persons supplying labor or materials under this contract if --

- (a) Any surety upon any bond, or issuing financial institution for other security, furnished with this contract becomes unacceptable to the Government;
- (b) Any surety fails to furnish reports on its financial condition as required by the Government; or

-
- (c) The contract price is increased so that the penal sum of any bond becomes inadequate in the opinion of the Contracting Officer; or
 - (d) An irrevocable letter of credit (ILC) used as security will expire before the end of the period of required security. If the contractor does not furnish an acceptable extension or replacement ILC, or other acceptable substitute, at least 30 days before an ILC's scheduled expiration, the Contracting Officer has the right to immediately draw on the ILC.

H.2 INSURANCE

H.2.1 AMOUNT OF INSURANCE

The Contractor is required by FAR 52.228-5 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:

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 stated in US Dollars:

Per Occurrence	\$10,000
Cumulative	\$200,000

2. Property Damage on or off the site in US Dollars:

Per Occurrence	\$10,000
Cumulative	\$200,000

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.

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 an 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.

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.

H.2.2 GOVERNMENT AS ADDITIONAL INSURED

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.

H.2.3 INSURANCE-RELATED DISPUTES

Failure to agree to any adjustment contemplated under this contract regarding insurance shall be a dispute within the meaning of the clause in Section I, 52.233-1, Alternate I, "Disputes". Nothing in this clause shall excuse the Contractor from proceeding with the work.

H.2.4 TIME FOR SUBMISSION OF EVIDENCE OF INSURANCE

The Contractor shall provide evidence of the insurance required under this contract within ten (10) days after contract award. Failure to timely submit this evidence, in a form acceptable to the Contracting Officer, may result in rescinding or termination of the contract by the Government.

H.3 DEFINITIONS

In addition to the definitions provided in Section I, FAR 52.202-1 and DOSAR 652.202-70, the following definitions shall apply when used in connection with this contract:

- (a) Contract Drawings or Drawings, where indicated by the context, means those drawings specifically listed in the construction contract or as later incorporated into the contract by contract modification.
- (b) Day means a calendar day unless otherwise specifically indicated.
- (c) Host Country means the country in which the project is located.
- (d) Material means all materials, fixtures and other articles incorporated in, or which are intended to remain with, the project.
- (e) Notice to Proceed means a written notice to the Contractor from the Contracting Officer authorizing the Contractor to proceed with the work under the contract as of a date set forth in the Notice.
- (f) Other Submittals includes progress schedules, shop drawings, testing and inspection reports, and other information required by the contract to be submitted by the Contractor for information or approval by the Government.
- (g) Project Data includes standard drawings, diagrams, layouts, schematics, descriptive literature, illustrations, schedules, performance and test data, and similar materials furnished by the Contractor to explain in detail specific portions of the work required by the contract.
- (h) Samples are physical examples which illustrate materials, equipment or workmanship and establish standards by which the work will be judged.
- (i) Schedule of Defects means the list of items, prepared in connection with substantial completion of the work or early occupancy or utilization of a portion thereof, which the Contracting Officer has designated as remaining to be performed, completed or corrected before the work will be accepted by the Government.

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- (j) Separate Contractor means a contractor, other than the Contractor or any of its subcontractors, to whom the Government has awarded a contract for construction of a portion of the project.
- (k) Work means any and all permanent construction which is intended to be incorporated into the finished project and required to be performed or otherwise provided by the Contractor under this contract, unless otherwise indicated by the context.

H.4 OWNERSHIP AND USE OF DOCUMENTS

H.4.1 OWNERSHIP AND USE OF DRAWINGS, SPECIFICATIONS AND MODELS

- (a) OWNERSHIP. All specifications, drawings, and copies thereof, and models, are the property of the Government.
- (b) USE AND RETURN. The contractor shall not use or allow others to use the documents described in (a) above on other work. The Contractor shall return or account for the signed contractor set and additional copies provided to or made by the Contractor upon final completion of the work.

H.4.2 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 the Contractor makes objection within 20 days, their issuance shall not provide for any claim for an increase in the Contract price or an extension of contract time.

H.4.3 RECORD DOCUMENTS

The Contractor shall maintain at the project site:

- a current marked set of Contract drawings and specifications indicating all interpretations and clarifications, contract modifications, change orders, or any other departure from the contract requirements approved by the Contracting Officer; and
- a complete set of record shop drawings, product data, samples and other submittals as approved by the Contracting Officer.

H.4.4 "AS-BUILT" DOCUMENTS

After final completion of the work, but before final acceptance, the Contractor shall provide:

- complete set of "as-built" drawings, based on the record set of drawings, marked to show the details of construction as actually accomplished; and

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

H.5 GOVERNING LAW

The laws of the United States shall govern the contract and its interpretation.

H.6 LANGUAGE PROFICIENCY

The manager assigned by the contractor to superintend the work on-site, as required by Section I, 52.236-6, "Superintendence by the Contractor", shall be fluent in written and spoken English.

H.7 LAWS AND REGULATIONS

H.7.1 COMPLIANCE REQUIRED

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.

H.7.2 LABOR, HEALTH AND SAFETY LAWS AND CUSTOMS

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.

H.7.3 SUBCONTRACTORS

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.

H.7.4 EVIDENCE OF COMPLIANCE

The Contractor shall submit proper documentation and evidence satisfactory to the Contracting Officer demonstrating compliance with this clause when directed by the Contracting Officer.

H.8 RESPONSIBILITY OF CONTRACTOR

H.8.1 DAMAGE TO PERSONS OR PROPERTY

The Contractor shall be responsible for all damages to persons or property that occur as a result of the Contractor's fault or negligence, and shall take proper safety and health precautions to protect the work, the workers, the public, and the property of others.

H.8.2 RESPONSIBILITY FOR WORK PERFORMED

The Contractor shall be responsible for all materials delivered and work performed until final completion and acceptance of the entire work, except for any completed unit of work which may have been accepted in writing under the contract.

H.9 CONSTRUCTION OPERATIONS

H.9.1 OPERATIONS AND STORAGE AREAS

- (a) **CONFINEMENT TO AUTHORIZED AREAS.** The Contractor shall confine all operations (including storage of materials) on Government premises to areas authorized or approved by the Contracting Officer.
- (b) **VEHICULAR ACCESS.** The Contractor shall, and in accordance with any regulations prescribed by the Contracting Officer, use only established site entrances and roadways.

H.9.2 USE OF PREMISES

- (a) **Occupied Premises.** If the premises are occupied, the Contractor, its subcontractors, and their employees shall comply with the regulations promulgated by the Government governing access to, operation of, and conduct while in or on the premises and shall perform the work required under this contract in such a manner as not to unreasonably interrupt or interfere with the conduct of Government business.
- (b) **Requests from occupants.** The Contractor shall refer any request from occupants of existing buildings to change the sequence of work to the Contracting Officer for determination.
- (c) **Access limited.** The Contractor, its subcontractors and their employees shall not have access to or be admitted into any building or portion of the site outside the areas designated in this contract except with the permission of the Contracting Officer.

H.10 TEMPORARY FACILITIES AND SERVICES

The Contractor may erect temporary buildings (such as, storage sheds, shops, offices) and utilities only with the approval of the Contracting Officer. The cost of these temporary buildings is included in the contract fixed price. The temporary buildings and utilities shall remain the property of the Contractor and shall be removed by the Contractor at its expense upon completion of the work. With the written consent of the Contracting Officer, the buildings and utilities may be abandoned and need not be removed.

H.11 SAFETY

H.11.1 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:
 - (i) Scaffolding;
 - (ii) Work at heights above two (2) meters;
 - (iii) Trenching or other excavation greater than one (1) meter in depth;
 - (iv) Earth moving equipment;
 - (v) 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;
 - (vi) 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.);
 - (vii) 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
 - (viii) 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:

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- (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.

H.12 SUBCONTRACTORS AND SUPPLIERS

H.12.1 CLAIMS AND ENCUMBRANCES

The Contractor shall satisfy as due all lawful claims of any persons or entities employed by the Contractor, including subcontractors, material men and laborers, for all labor performed and materials furnished under this contract, including the applicable warranty or correction period, unless the Government shall be directly liable by contract. The Contractor shall not at any time permit any lien, attachment, or other encumbrance to be entered against or to remain on the building(s), or the premises, whether public or private, or any portion thereof, as a result of nonperformance of any part of this contract.

H.12.2 APPROVAL OF SUBCONTRACTORS

- (a) **REVIEW AND APPROVAL.** The Government reserves the right to review proposed subcontractors for a period of five (5) days before providing notice of approval or rejection of any or all subcontractors.
- (b) **REJECTION OF SUBCONTRACTORS.** The Government reserves the right to reject any or all subcontractors proposed if their participation in the project, as determined by the Contracting Officer, may cause damage to the national security interests of the United States. The Contractor agrees to promptly replace any subcontractor rejected by the Government under this clause.

H.13 CONSTRUCTION PERSONNEL

H.13.1 REMOVAL OF 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 at the site. The contractor shall ensure the preservation of peace and protection of persons and property in the neighborhood of the project. 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.

H.13.2 CONSTRUCTION PERSONNEL SECURITY

After award of the contract, the Contractor shall have ten days to submit to the Contracting Officer a list of workers and supervisors assigned to this project (Biographic Data on Personnel) for the Government to conduct all necessary security checks. It is anticipated that security checks will take up to 60 days to perform. For each individual the list shall include:

- Full Name
- Place and Date of Birth
- Current Address
- Identification number (Jensiya or passport number)
- Vehicle make, model, color and license plate 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, the Government will provide a badge to the individual for access to the site. The Government may revoke this badge at any time due to the falsification of data, or misconduct on site.

H.14 MATERIALS AND EQUIPMENT

H.14.1 SELECTION AND APPROVAL OF MATERIALS

- (a) **STANDARD TO QUALITY.** 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.
- (b) **SELECTION BY CONTRACTOR.** Where the contract permits the Contractor to select products, materials or equipment to be incorporated in the work, or where specific approval is otherwise required by the contract, the Contractor shall furnish a Submittal Register to the Contracting Officer, for approval. The Submittal Register shall include the names of the manufacturer, model number, and source of procurement of each such product, material or equipment, together with other pertinent information concerning the nature, appearance, dimensions, performance, capacity, and rating. To ensure a timely review the Contractor shall provide a submittal register ten days after contract award showing when shop drawings, samples, or submittals shall be made. When directed to do so, the Contractor shall submit samples for approval at the Contractor's expense, with all shipping charges prepaid. Installation or use of any products, materials or equipment without the required approval shall be at the risk of subsequent rejection.

H.14.2 CUSTODY OF MATERIALS

The Contractor shall be responsible for the custody of all materials received for incorporation into the project, including Government furnished materials, upon delivery to the Contractor or

to any person for whom it is responsible, including subcontractors. The Contractor shall deliver all such items to the site as soon as practicable. If required by the Contracting Officer, the Contractor shall clearly mark in a manner directed by the Contracting Officer all items of which the Contractor has custody but which have not been delivered or secured at the site, clearly indicating the use of such items for the U.S. Government project.

H.14.3 BASIS OF CONTRACT PRICE

The contract price is based on the use of the materials, products and equipment specified in the contract, except for substitutions or "Or-Equal" items proposed by the Contractor which have been specifically approved by the Government at the time of execution of the contract. Any substitution approved by the Government after execution of the contract shall be subject to an appropriate adjustment of the contract price.

H.14.4 SUBSTITUTIONS

- (a) **PRIOR APPROVAL REQUIRED.** The Contractor must receive approval in writing from the Contracting Officer before substitutions (1) proposed by the Contractor but not yet approved at the time of execution of the contract, or (2) proposed by the Contractor after execution of the contract may be used in the project. Sufficient information to permit evaluation by the Government must accompany any substitution request including but not limited to the reasons for the proposed substitution and data concerning the design, appearance, performance, composition, and relative cost of the proposed substitute. The Contractor shall make requests for substitutions in a timely manner to permit adequate evaluation by the Government. If, in the Contracting Officer's opinion, the use of such substitute items is not in the best interests of the Government, the Contractor must obtain the items originally specified with no adjustment in the contract price or completion date.
- (b) **APPROVAL THROUGH SHOP DRAWINGS.** The Contractor may propose substitutions of materials in the submittal of shop drawings, provided such substitution is specifically requested in writing in the transmittal of the shop drawings to the Contracting Officer. Such substitution requests must be made in a timely manner and supported by the required information.
- (c) **FINAL APPROVAL ON DELIVERY.** Acceptance or approval of proposed substitutions under the contract are conditioned upon approval of items delivered at the site or approval by sample. Approval by sample shall not limit the Government's right to reject material after delivery to the site if the material does not conform to the approved sample in all material respects.

H.14.5 "OR-EQUAL CLAUSE"

References in the Specifications/Statement of Work to materials, products or equipment by trade name, make, or catalog number, or to specific processes, shall be regarded as establishing a standard of quality and shall not be construed as limiting competition. The Contractor may propose for approval or rejection by the Contracting Officer the substitution of any material, product, equipment or process that the Contractor believes to be equal to or better than that

named in the Specifications/Statement of Work, unless otherwise specifically provided in this contract.

H.14.6 USE AND TESTING OF SAMPLES

("Samples" include materials and equipment.)

- (a) **USE.** The Contractor shall send approved samples not destroyed in testing to the Contracting Officer. Those which are in good condition will be marked for identification and may be used in the work. Materials and equipment incorporated in the work shall match the approved samples within any specified tolerances. Other samples not destroyed in testing or not approved will be returned to the Contractor at its expense if so requested.
- (b) **FAILURE OF SAMPLES.** If a sample fails to pass the specified tests described in this contract, any further samples of the same brand or make of that material or equipment may not be considered for use in performance under this contract.
- (c) **TAKING AND TESTING OF SAMPLES.** Samples delivered on the site or in place may be taken by the Contracting Officer for additional testing by the Government outside of those required by the Contract documents. Samples failing to meet contract requirements will automatically void previous approvals of the items tested. The Contractor shall replace such materials or equipment found not to have met contract requirements, unless the Contracting Officer determines it to be in the Government's interest to accept the non-conforming materials or equipment with an appropriate adjustment of the Contract price as determined by the Contracting Officer.
- (d) **COST OF ADDITIONAL TESTING BY THE GOVERNMENT.** When additional tests of samples are performed, only one test of each sample proposed for use will be made at the expense of the Government. Samples which do not meet contract requirements will be rejected. Further testing of additional samples, if required, will be made at the expense of the Contractor.

H.15 IMPORTED MATERIALS, EQUIPMENT, AND PERSONNEL

H.15.1 SHIPMENT AND CUSTOMS CLEARANCE

- (a) **Costs to be borne by Contractor.** The Contractor is responsible for paying all charges incurred in obtaining materials that must be imported for the project and in transporting the materials from their place or origin to the construction site. Moving costs shall include, but not necessarily be limited to, packing, handling, cartage, overland freight, ocean freight, transshipment, port, unloading, customs clearance and duties (other than customs duties specified below), unpacking, storage, and all other charges including administrative costs in connection with obtaining and transporting the materials from their source to the project site.
- (b) **Duty-free clearance.** The Contractor shall not be responsible for customs duties for which the Government has been able to obtain a customs waiver. The Contractor shall follow the instructions of the Contracting Officer as to the manner of labeling the

shipping containers or otherwise processing shipments of imported materials in order to obtain, or continue to receive, duty free clearance through customs. The Contractor shall be responsible for the payment of customs duties, if any, which

- (1) are imposed on items which are not labeled and processed in accordance with the Contracting Officer's instructions,
 - (2) are imposed on the Contractor's tools, construction equipment and machinery imported for use on the project, or
 - (3) are otherwise ineligible for duty-free entry. The Contractor is responsible for customs duties where the Contractor has failed to give adequate and timely notice to the Contracting Officer of importation on containers or materials which may be eligible for a customs waiver. The Contracting Officer will provide instructions concerning time periods for notification of importation by the Contractor.
- (c) Customs Clearance. The Government will be responsible for obtaining customs clearances, and for obtaining exemption certificates or paying customs duties not waived, for imported products, materials and equipment which are labeled and processed in accordance with the Contracting Officer's instructions. The Government shall not be responsible for obtaining customs clearance for the Contractor's tools, construction equipment or machinery, nor for obtaining visas, entry or work permits for the Contractor's personnel.

H.15.2 SURPLUS MATERIALS

Unless otherwise specified, any surplus materials, fixtures, articles or equipment remaining at the completion of the project shall become the property of the Contractor, except those items furnished by the Government, whose cost is not included in the contract price.

H.16 SPECIAL WARRANTIES

H.16.1 SPECIAL WARRANTY OBLIGATIONS

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 do not conflict with the special warranty.

H.16.2 WARRANTY INFORMATION

The Contractor shall obtain and furnish to the Government all information required in order 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.

H.17 EQUITABLE ADJUSTMENTS

H.17.1 BASIS FOR 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. The Contractor shall give the Contracting Officer 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.

H.17.2 DIFFERING SITE CONDITION NOTICE

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

H.17.3 DOCUMENTATION OF PROPOSALS FOR EQUITABLE ADJUSTMENTS

- (a) **ITEMIZATION OF PROPOSALS AND REQUESTS.** The Contractor shall submit any request for equitable adjustment in the contract price, including any change proposal submitted in accordance with the "Changes" clause, in the form of a lump sum proposal supported with an itemized breakdown of all increases and decreases in the contract price in the detail required by the Contracting Officer. The request shall include all costs and delays related to or arising out of the change or event giving rise to the proposed adjustment, including any delay damages and additional overhead costs.
- (b) **PROPOSED TIME ADJUSTMENTS.** The Contractor shall submit a proposed time extension (if applicable) with any request for an equitable adjustment or change proposal. The request shall include sufficient information to demonstrate whether and to what extent the change will delay the completion of the contract.
- (c) **RELEASE BY CONTRACTOR.** The price and time adjustment made in any contract modification issued as a result of a change proposal or request for an equitable adjustment shall be considered to account for all items affected by the change or other circumstances giving rise to an equitable adjustment. Upon issuance of such contract modification, the Government shall be released from any and all liability under this contract for further equitable adjustments attributable to the facts and circumstances giving rise to the change proposal or request for equitable adjustment.

H.18 NONCOMPLIANCE WITH CONTRACT REQUIREMENTS

If the Contractor, after receiving written notice from the Contracting Officer of noncompliance with any requirement of this contract, fails to initiate promptly appropriate action(s) to bring performance/work into compliance with a contract requirement within a reasonable period of time, the

Contracting Officer shall have the right to order the Contractor to suspend any or all work under the contract. This order shall be in force until the Contractor has complied or has initiated such action as may be appropriate to comply within a reasonable period of time. The Contractor will not be entitled to any extension of contract time or payment for any costs incurred as a result of being ordered to suspend work for such a cause.

H.19 ZONING APPROVALS AND BUILDING PERMITS

The Government is responsible for:

- obtaining proper zoning or other land use control approval for the project,
- obtaining the approval of the Contract Drawings and Specifications,
- paying fees due, and
- obtaining and paying for the initial building permits.

SECTION I - CONTRACT CLAUSES

I.1 FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

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

<http://acquisition.gov/far/index.html> or, <http://farsite.hill.af.mil/search.htm>

These addresses are subject to change. If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use the Dept. of State Acquisition Website at

<http://www.statebuy.state.gov/>

to see the links to the FAR. You may also use an Internet "search engine" (such as, Yahoo, Excite, Alta Vista, etc.) to obtain the latest location of the most current FAR.

FEDERAL ACQUISITION REGULATION (48 CFR Ch. 1)

52.202-1	DEFINITIONS	JUL 2004
52.203-3	GRATUITIES	APR 1984
52.203-5	COVENANT AGAINST CONTINGENT FEES	APR 1984
52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT	SEP 2006
52.203-7	ANTI-KICKBACK PROCEDURES	OCT 2010
52.203-8	CANCELLATION, RECISSION AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY	JAN 1997
52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY	JAN 1997
52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS	OCT 2010
52.204-4	PRINTING/COPYING DOUBLE-SIDED ON RECYCLED PAPER	AUG 2000
52.204-9	PERSONAL VERIFICATION OF CONTRACTOR PERSONNEL	JAN 2011
52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS	JUL 2010
52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT	DEC 2010
52.215-2	AUDIT AND RECORDS – NEGOTIATION	OCT 2010
52.215-8	ORDER OF PRECEDENCE – UNIFORM CONTRACT FORMAT	OCT 1997
52.215-21	REQUIREMENTS FOR COST OR PRICING DATA OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA – MODIFICATIONS	OCT 1997
52.216-7	ALLOWABLE COST AND PAYMENT ALTERNATE I	JUN 2011 JUN 2011

52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES	FEB 1997
52.222-19	CHILD LABOR – COOPERATION WITH AUTHORITIES AND REMEDIES	AUG 2010
52.222-50	COMBATING TRAFFICKING IN PERSONS	FEB 2009
52.223-18	CONTRACTOR POLICY TO BAN TEXT MESSAGING WHILE DRIVING	AUG 2011
52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	JUN 2008
52.225-14	INCONSISTENCY BETWEEN ENGLISH VERSION AND TRANSLATION OF CONTRACT	FEB 2000
52.228-2	ADDITIONAL BOND SECURITY	OCT 1997
52.228-3	WORKERS COMPENSATION ACT (DEFENSE BASE ACT)	APR 1984
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	SEP 2009
52.228-13	ALTERNATIVE PAYMENT PROTECTION	JUL 2000
52.228-14	IRREVOCABLE LETTER OF CREDIT	DEC 1999
52.229-6	TAXES – FOREIGN FIXED-PRICE CONTRACTS	JUN 2003
52.232-5	PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS	SEP 2002
52.232-17	INTEREST	OCT 2010
52.232-18	AVAILABILITY OF FUNDS	APR 1984
52.232-24	PROHIBITION OF ASSIGNMENT OF CLAIMS	JAN 1986
52.232-27	PROMPT PAYMENT FOR CONSTRUCTION CONTRACTS	OCT 2008
52.232-34	PAYMENT BY ELECTRONIC FUNDS TRANSFER – OTHER THAN CENTRAL CONTRACTOR REGISTRATION	MAY 1999
52.233-1	DISPUTES ALTERNATE I	JUL 2002 DEC 1991
52.233-3	PROTEST AFTER AWARD	AUG 1996
52.233-4	APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM	OCT 2004
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
52.242-3	PENALTIES FOR UNALLOWABLE COSTS	MAY 2001
52.242-13	BANKRUPTCY	JUL 1995
52.243-4	CHANGES	JUNE 2007
52.243-5	CHANGES AND CHANGED CONDITIONS	APR 1984
52.245-9	USE & CHARGES	AUG 2010
52.246-21	WARRANTY OF CONSTRUCTION	MAR 1994
52.248-3	VALUE ENGINEERING – CONSTRUCTION	OCT 2010
52.249-2	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) ALTERNATE I	MAY 2004 SEPT 1996
52.249-14	EXCUSABLE DELAY	APRIL 1984
52.249-10	DEFAULT (FIXED-PRICE CONSTRUCTION)	APR 1984
52.225-19	CONTRACTOR PERSONNEL IN A DESIGNED OPERATIONAL AREA OR SUPPORTING A DIPLOMATIC MISSION OUTSIDE THE UNITED STATES	MAR 2008

THE FOLLOWING CLAUSES ARE SET FORTH IN FULL TEXT:

I.1 652.204-70 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)

I.2 652.243-70 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. The contracting officer must make all modifications to the contract in writing.

I.3 652.242-73 AUTHORIZATION AND PERFORMANCE (AUG 1999)

(a) The contractor warrants the following:

- (1) That it has obtained authorization to operate and do business in the country or countries in which this contract will be performed;
- (2) That it has obtained all necessary licenses and permits required to perform this contract; and,
- (3) That it shall comply fully with all laws, decrees, labor standards, and regulations of said country or countries during the performance of this contract.

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

I.4 RESERVED

I.5 652.229-70 EXCISE TAX EXEMPTION STATEMENT FOR CONTRACTORS WITHIN THE UNITED STATES (JULY 1988)

This is to certify that the item(s) covered by this contract is/are for export solely for the use of the U.S. Foreign Service Post identified in the contract schedule.

The Contractor shall use a photocopy of this contract as evidence of intent to export. Final proof of exportation may be obtained from the agent handling the shipment. Such proof shall be accepted in lieu of payment of excise tax.

I.6 52.228-15 Performance and Payment Bonds—Construction (OCT 2010)

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

“Original contract price” means the award price of the contract; or, for requirements contracts, the price payable for the estimated total quantity; or, for indefinite-quantity contracts, the price payable for the specified minimum quantity. Original contract price does not include the price of any options, except those options exercised at the time of contract award.

- (b) *Amount of required bonds.* Unless the resulting contract price is \$150,000 or less, the successful offeror shall furnish performance and payment bonds to the Contracting Officer as follows:
- (1) *Performance bonds (Standard Form 25).* The penal amount of performance bonds at the time of contract award shall be 100 percent of the original contract price.
 - (2) *Payment Bonds (Standard Form 25-A).* The penal amount of payment bonds at the time of contract award shall be 100 percent of the original contract price.
 - (3) Additional bond protection.

-
- (i) The Government may require additional performance and payment bond protection if the contract price is increased. The increase in protection generally will equal 100 percent of the increase in contract price.
 - (ii) The Government may secure the additional protection by directing the Contractor to increase the penal amount of the existing bond or to obtain an additional bond.

- (d) *Furnishing executed bonds.* The Contractor shall furnish all executed bonds, including any necessary reinsurance agreements, to the Contracting Officer, within the time period specified
- (e) in the Bid Guarantee provision of the solicitation, or otherwise specified by the Contracting Officer, but in any event, before starting work.

- (d) *Surety or other security for bonds.* The bonds shall be in the form of firm commitment, supported by corporate sureties whose names appear on the list contained in Treasury Department Circular 570, individual sureties, or by other acceptable security such as postal money order, certified check, cashier's check, irrevocable letter of credit, or bonds or notes of the United States. Treasury Circular 570 is published in the Federal Register or Department of Treasury, Financial Management Service, Surety Bond Branch, 3700 East West Highway, Room 6F01, Hyattsville, MD 20782. Or via the internet at

<http://www.fms.treas.gov/c570/>.

- (e) *Notice of subcontractor waiver of protection (40 U.S.C. 3133(c)).* Any waiver of the right to sue on the payment bond is void unless it is in writing, signed by the person whose right is waived, and executed after such person has first furnished labor or material for use in the performance of the contract.”

I.7 652.225-71 SECTION 8(A) OF THE EXPORT ADMINISTRATION ACTS OF 1979, AS AMENDED (AUG 1999)

- (a) Section 8(a) of the U.S. Export Administration Act of 1979, as amended (50 U.S.C. 2407(a)), prohibits compliance by U.S. persons with any boycott fostered by a foreign country against a country which is friendly to the United States and which is not itself the object of any form of boycott pursuant to United States law or regulation. The Boycott of Israel by Arab League countries is such a boycott, and therefore, the following actions, if taken with intent to comply with, further, or support the Arab League Boycott of Israel, are prohibited activities under the Export Administration Act:
 - (1) Refusing, or requiring any U.S. person to refuse to do business with or in Israel, with any Israeli business concern, or with any national or resident of Israel, or with any other person, pursuant to an agreement of, or a request from or on behalf of a boycotting country;
 - (2) Refusing, or requiring any U.S. person to refuse to employ or otherwise discriminating against any person on the basis of race, religion, sex, or national origin of that person or of any owner, officer, director, or employee of such person;
 - (3) Furnishing information with respect to the race, religion, or national origin of any U.S. person or of any owner, officer, director, or employee of such U.S.

person;

- (4) Furnishing information about whether any person has, has had, or proposes to have any business relationship (including a relationship by way of sale, purchase, legal or commercial representation, shipping or other transport, insurance, investment, or supply) with or in the State of Israel, with any business concern organized under the laws of the State of Israel, with any Israeli national or resident, or with any person which is known or believed to be restricted from having any business relationship with or in Israel;
- (5) Furnishing information about whether any person is a member of, has made contributions to, or is otherwise associated with or involved in the activities of any charitable or fraternal organization which supports the State of Israel; and,
- (6) Paying, honoring, confirming, or otherwise implementing a letter of credit which contains any condition or requirement against doing business with the State of Israel.

(b) Under Section 8(a), the following types of activities are not forbidden "compliance with the boycott," and are therefore exempted from Section 8(a)'s prohibitions listed in paragraphs (a)(1)-(6) above:

- (1) Complying or agreeing to comply with requirements:
 - (i) Prohibiting the import of goods or services from Israel or goods produced or services provided by any business concern organized under the laws of Israel or by nationals or residents of Israel; or,
 - (ii) Prohibiting the shipment of goods to Israel on a carrier of Israel, or by a route other than that prescribed by the boycotting country or the recipient of the shipment;
- (2) Complying or agreeing to comply with import and shipping document requirements with respect to the country of origin, the name of the carrier and route of shipment, the name of the supplier of the shipment or the name of the provider of other services, except that no information knowingly furnished or conveyed in response to such requirements may be stated in negative, blacklisting, or similar exclusionary terms, other than with respect to carriers or route of shipments as may be permitted by such regulations in order to comply with precautionary requirements protecting against war risks and confiscation;
- (3) Complying or agreeing to comply in the normal course of business with the unilateral and specific selection by a boycotting country, or national or resident thereof, of carriers, insurance, suppliers of services to be performed within the boycotting country or specific goods which, in the normal course of business, are identifiable by source when imported into the boycotting country;
- (4) Complying or agreeing to comply with the export requirements of the boycotting country relating to shipments or transshipments of exports to Israel, to any

business concern of or organized under the laws of Israel, or to any national or resident of Israel;

- (5) Compliance by an individual or agreement by an individual to comply with the immigration or passport requirements of any country with respect to such individual or any member of such individual's family or with requests for information regarding requirements of employment of such individual within the boycotting country; and,
- (6) Compliance by a U.S. person resident in a foreign country or agreement by such person to comply with the laws of that country with respect to his or her activities exclusively therein, and such regulations may contain exceptions for such resident complying with the laws or regulations of that foreign country governing imports into such country of trademarked, trade named, or similarly specifically identifiable products, or components of products for his or her own use, including the performance of contractual services within that country, as may be defined by such regulations.

I.8 652.229-71 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.

I.9 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.

I.10 652.228-71 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) The Contractor shall procure Defense Base Act (DBA) insurance pursuant to the terms of the contract between the Department of State and the Department's DBA insurance carrier for covered contractor employees, unless the Contractor has a DBA self-insurance program approved by the Department of Labor. The Contractor shall submit a copy of the Department of Labor's approval to the contracting officer upon contract award, if applicable.

(c) The current rate under the Department of State contract is \$5.50 of compensation for construction.

(d) The Contractor shall insert a clause substantially the same as this in all subcontracts. The Contractor shall require that subcontractors insert a similar clause in any of their subcontracts.

(e) Should the rates for DBA insurance coverage increase or decrease during the performance of this contract, the contracting officer shall modify this contract accordingly.

(f) The Contractor shall demonstrate to the satisfaction of the contracting officer that the equitable adjustment as a result of the insurance increase or decrease does not include any reserve for such insurance. Adjustment shall not include any overhead, profit, general and administrative expenses, etc.

(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)

PART III - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS**SECTION J - LIST OF ATTACHMENTS**

ATTACHMENT NO.	DESCRIPTION OF ATTACHMENT	NO. PAGES
Attachment 1	Standard Form 25, <i>Performance and Guaranty Bond</i>	1
Attachment 2	Standard Form 25A, <i>Payment Bond</i>	1
Attachment 3	Sample Bank Letter of Guaranty	1
Attachment 4	Breakdown of Proposal Price by Divisions of Specifications	1
Attachment 5	Drawings	
Attachment 6	Statement Of Work	9
Attachment 7	Defense Base Act Insurance Rates & Contact Information	2
Attachment 8	OBO NEC Specifications (01521, 05500, 09260, 09912)	38

ATTACHMENT #1 SF 25 – PERFORMANCE BOND

PERFORMANCE BOND <i>(See Instructions on reverse)</i>	DATE BOND EXECUTED <i>(Must be same or later than date of contract)</i>	OMB No.: 9000-0045 Expires: 11/30/2012		
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 <i>(Legal name and business address)</i>	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) <i>(Name(s) and business address(es))</i>	PENAL SUM OF BOND			
	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)	Corporate Seal	
NAME(S) & TITLE(S) <i>(Typed)</i>	1. _____	2. _____		
INDIVIDUAL SURETY(IES)				
SIGNATURE(S)	1. _____ (Seal)	2. _____ (Seal)		
NAME(S) <i>(Typed)</i>	1. _____	2. _____		
CORPORATE SURETY(IES)				
SURETY A	NAME & ADDRESS	STATE OF INC.	LIABILITY LIMIT (\$)	Corporate Seal
	SIGNATURE(S)	1. _____	2. _____	
	NAME(S) & TITLE(S) <i>(Typed)</i>	1. _____	2. _____	

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STANDARD FORM 25 (REV. 5-96)
Prescribed by GSA-FAR (48 CFR) 53.228 (b)

**ATTACHMENT #2
SF 25A – PAYMENT BOND**

PAYMENT BOND <i>(See instructions on reverse)</i>	DATE BOND EXECUTED <i>(Must be same or later than date of contract)</i>	OMB No.: 9000-0045 Expires: 11/30/2012								
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 <i>(Legal name and business address)</i>	TYPE OF ORGANIZATION <i>("X" one)</i> <input type="checkbox"/> INDIVIDUAL <input type="checkbox"/> PARTNERSHIP <input type="checkbox"/> JOINT VENTURE <input type="checkbox"/> CORPORATION									
	STATE OF INCORPORATION									
SURETY(IES) <i>(Name(s) and business address(es))</i>	PENAL SUM OF BOND <table border="1" style="width:100%; border-collapse: collapse; font-size:small;"> <tr> <td style="width:25%;">MILLION(S)</td> <td style="width:25%;">THOUSAND(S)</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)	THOUSAND(S)	HUNDRED(S)	CENTS				
MILLION(S)	THOUSAND(S)	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, 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 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. _____ <div style="text-align:right; font-size:small;">(Seal)</div>	2. _____ <div style="text-align:right; font-size:small;">(Seal)</div>	3. _____ <div style="text-align:right; font-size:small;">(Seal)</div>	Corporate Seal
NAME(S) & TITLE(S) <i>(Typed)</i>	1. _____	2. _____	3. _____	
INDIVIDUAL SURETY(IES)				
SIGNATURE(S)	1. _____ <div style="text-align:right; font-size:small;">(Seal)</div>	2. _____ <div style="text-align:right; font-size:small;">(Seal)</div>		
NAME(S) <i>(Typed)</i>	1. _____	2. _____		
CORPORATE SURETY(IES)				
SURETY A	NAME & ADDRESS	STATE OF INC.	LIABILITY LIMIT \$	Corporate Seal
	SIGNATURE(S)	1. _____	2. _____	
	NAME(S) & TITLE(S) <i>(Typed)</i>	1. _____	2. _____	

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**ATTACHEMENT # 3
SAMPLE LETTER OF BANK GUARANTY**

Place []]
Date []]

Contracting Officer
U.S. Embassy, Baghdad, Iraq
[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 another authority, up to the sum of ***[Amount equal to 40% 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:

Location: _____

Representative(s): _____

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: USD _____

Allowance Items:

PROPOSAL PRICE TOTAL: USD _____

Alternates (list separately do not total)

Offeror: _____

Date _____

ATTACHMENT #5
DRAWINGS (10)
(will be distributed at site visit)

**ATTACHMENT #6
STATEMENT OF WORK**



STATEMENT of WORK

**General Construction SERVICES
For**

2011 GSO WAREHOUSE MOFICATIONS

**U.S. EMBASSY
BAGHDAD, IRAQ**

December 15, 2011

TABLE OF CONTENTS

- 1.0 Project Description
- 2.0 General Conditions
- 3.0 Bid Form
- 4.0 Scope of Work
- 5.0 Deliverables
- 6.0 Project Schedule
- 7.0 Responsibilities & Project Management
- 8.0 Attachments:

Specification

- 01521 Construction Safety and Occupational Health
- 05500 Metal Fabrications
- 09260 Gypsum Board Assemblies
- 09912 Painting

Drawings

- T1 Title Sheet
- A1 Reference Floor Plan
- A2 SW Partial Floor Plan
- A3 Wall Elevation
- A4 Storage Partial Floor Plan
- A5 Detail
- A6 Receiving Partial Floor Plan
- A7 Section at Receiving
- A8 Security Cage Detail
- A9 Wall Section
- A10 Door Schedule

1. Project Description**Project Synopsis**

The project will provide security and functional improvements for the GSO Warehouse:

BACKGROUND

GSO warehouse continues to operate with several critical security compromises:

1. The warehouse provides space for several agencies, all of whom have access through unsupervised doors to the main warehouse. In order to assure safe storage of NEC assets, GSO Warehouse must control traffic in the warehouse space.
2. The Receiving Area is vulnerable to unsupervised traffic during loading and unloading.
3. One agency has an exterior door but it is not usable due to lack of accessible hardware.
4. Existing GSO secure storage has been compromised by accidental wall damage from forklift operations.

SOLUTION

Provide security features as follows:

1. Install new wall and door to separate warehouse from SW access door. Provide panic hardware to comply with exiting.
2. Provide screening and gate in Receiving Area to secure deliveries while loading and unloading.
3. Provide new lockset for access for West exterior man door.
4. Move Secure storage to existing storage rooms, provide security ceiling to prevent unauthorized access.

2. GENERAL CONDITIONS

1. **Fixed-Price Proposal.** The Contractor shall provide one fixed-priced Proposal for the complete Project that includes every aspect of the Work.
2. **Specifications.** The Work shall be governed by the United States Department of State Overseas Buildings Operations New Embassy Compound, Baghdad, Iraq Master Specifications. International Codes, which includes the International Building Code, International Mechanical Code, International Plumbing Code, and National Electric Code, also are applicable. Should there be a discrepancy between the NEC Specifications and the applicable Building Code, the more stringent of the two shall govern.

The Contractor is responsible for compliance with all Building Codes; Work not in compliance with the Codes shall be deemed to be unacceptable.

3. **Execution.** The Work shall be executed in a diligent and workmanlike manner in accordance with the negotiated fixed-price, this Scope of Work, the Project Schedule, International Building Codes, and the laws of the City of Baghdad where applicable.
4. **Work Hours.** Unless otherwise agreed with Facilities Management, the Work shall be executed during normal Embassy work hours. Night, weekend or holiday work shall not be permitted except as arranged in advance with Facilities Management. Embassy holiday schedule is available from Facilities Management.
5. **Safety.** The Contractor shall be responsible for conducting the work in a manner that ensures the safety of residents, employees and visitors to the Embassy, and the Contractor's employees. The Contractor is required to comply with the Construction Safety and Occupational Health Regulations of OBO Specification Section 01521.
6. **Workforce.** The contractor shall provide all supervision, skilled and unskilled labor needed to perform the work.

7. The Contractor shall provide all skilled and unskilled labor needed to perform the Work.
 - a. In order to comply with the Embassy's minimum escort ratio requirement of one (1) escort to four (4) workers, the Contractor will have on his staff an employee(s) with an RSO vetted "Escort" Badge.
 - b. If the Contractor has no staff with an Escort Badge the Contractor will have 10 days from award to submit the required paperwork. The RSO vetting process could take up to 30 days and must be shown on the Contractors Project Schedule.
 - c. Information for all non-badged staff must be submitted to the COR for processing to allow the workers access to the NEC. This list must be resubmitted every 30 days or when modified.
 - d. If escorts are needed prior to being vetted by the RSO the Contractor may submit a request to the COR for government furnished escorts. The COR will schedule temporary escorts ONLY if they are available and the request must be submitted at least 48 hours in advance of the preferred date.
8. **Subcontractors.** Contractor shall be responsible for the conduct and workmanship of Subcontractors engaged in the Project, and for Subcontractors compliance with the terms of this Statement of Work. The Contractor is responsible for the behavior and workmanship of Subcontractors while on Embassy property.
9. **Modification to Contract.** The Contractor shall not incur any costs beyond those described in this SOW unless directed otherwise in writing by the Contracting Officer. Any work performed by the Contractor beyond this SOW without written direction from the Contracting Officer will be at the Contractor's own risk and at no cost to the Embassy.
10. **Stop Work.** At any time during the Project, the Contracting Officer reserves the right to Stop Work for protection of employees or visitors, security, or any other reason at his/her discretion.
11. **Construction Cost Breakdown.** The Government provided "Construction Cost Breakdown" is for bid comparison only, and the contractor is responsible to field measure and to quantify the required materials and tasks as to complete the job.
12. **Submittals.** The contractor is responsible to submit shop drawings prior to fabrication and release of any materials for the FAC Engineer's review and approval. The Engineer's review, however, does not relieve of the contractor's responsibility for the engineering work as to provide a complete working system.
13. **Excavation and Utilities.** The contractor is responsible to locate all existing utility lines prior to any excavation. Prior to disconnecting any existing utility services, the contractor is responsible to provide 48-hour advance notice to the COR.
14. **Close-out.** Prior to final acceptance, the contractor is to submit to the Engineer marked up drawings (As-Builts) reflecting the work as constructed. The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.

15. **Housekeeping.** The contractor is responsible to clean up daily after working hours. The Contractor is also responsible for Final Cleaning of the area, ready for use by the Government.

3. BID FORM

Construction Cost Breakdown					
GSO WAREHOUSE 2012 IMPROVEMENTS					
Date Prepared:		Iteration:	1	Prepared by:	
No	Descriptions	Unit	Qty	Unit Price \$	Total Price \$
1	Administration				
A	Mobilization/Demobilization	LS	1		
B	Shop drawings & submittals	LS	1		
C	Cleanup, Disposal	LS	1		
D	Equipment Rental	LS	1		
	Administration			Sub-Total	
2	Demolition, Prep Work				
A	Preparation, Measurements	Hours			
	Demolition Work			Sub-Total	
3	New Work				
A	Plywood and GWB Walls, Floors	SM			
B	Door, Frame, Hardware - Interior	LS			
C	Door, Frame, Hardware - Exterior	LS			
D	Secure Ceiling - Metal Framing, screen	SM			
E	Receiving Secure Cage	kg			
F	Gate Hardware	LS			
G	Structural Anchors	EA			
	New Work			Sub-Total	
4	DBA Insurance				
A	Contractor shall cover each of its workers at the site with DBA Workers' Compensation coverage, and require its subcontractors to do the same. Contractor must furnish certificate evidencing this coverage to Engineer prior to starting work.	%			
	DBA Insurance			Sub-Total	
	Items 1 thru 4			Sub-Total	
	General & Admin Markup: 15.0 %				
				Sub-Total	
	Profit: 8.0 %				
				Contract Cost	

4. SCOPE OF WORK: 2011 GSO Warehouse Improvements

1. GENERAL REQUIREMENTS

- a. The Contractor is to provide all labor, logistics, equipment and material for the Work requested based on the attached and referenced drawings and specifications, and the specific instructions noted in this Statement of Work.
- b. Specifications below supplement the referenced specifications and are to be incorporated into the Work. If there are any conflicts, the most stringent standard applies.
- c. Within 5 days of Notice to Proceed, the contractor shall provide to the COR a project schedule showing start to completion.
- d. Within 10 days of NTP, the Contractor shall provide to the COR details of the proposed installation utilizing written description or sketches or both.
- e. The contractor is responsible to dispose of the construction debris outside of the IZ. Include, but not limited to packing materials, scrap steel, and debris generated by project.
- f. The contractor is responsible to properly layout and prepare for the installation based on locations provided by FAC.
- g. Submit Shop Drawings for all products used, including:
 - Steel Fabrications
 - Plywood
 - Doors and Hardware
 - Grating, Security screen, Chain Link
- f. When pursuing the work, the contractor is to take extra care as not to damage existing structure.
- g. All construction work shall be in conformance with the following Codes:
 - a. International Building Code, 2009 Edition plus the 2011 OBO International Code Supplement (ISC).
 - b. International Mechanical Code, 2009 Edition plus the 2011 OBO International Code Supplement (ISC).
 - c. International Fire Code, 2009 Edition plus the 2011 OBO International Code Supplement (ISC).
 - d. National Electric Code, 2008 Edition plus the 2011 OBO International Code Supplement (ISC).
 - e. National Fire Protection Association, NFPA 101, NFPA 33 and NFPA13.

2. Fabrication and Assembly: 05500 Metal Fabrications

- a. Submit shop drawings for approval prior to any fabrication.

- b. Unless otherwise noted, fillet weld steel members at all joints, minimum 3mm, all around.
- c. Welding is to be in accordance with AWS D1.1 and D1.3.
- d. All steel members are to be painted with one coat of primer and two coats of field top coats.
- e. All fabricated beams and columns are to be cleaned and given one shop coat of primer and paint prior to shipment.
- f. All framing members are to either bolt or welded together.
- g. All columns, beams and screens are to be cleaned and examined for defects prior to installation.
- h. All structural steel connections are to be made in the field using Shielded Metal Arc Welding Process (SMAW).
- i. The contractor is to align steel components to provide clear paths for existing building doors, electrical and all other serviceable items.

3. Finishes: 09912 Painting

Note: Paint is not Government Furnished.

- a. Paint color to be selected by COR. Provide color samples.
- b. All field welds are to be wire brushed, primed and painted.
- c. All areas of exposed metal are to have one coat primer and two coats final paint.
- d. Provide an additional top coat of paint following welding operation to provide a clean finished product.
- e. Beams and columns are to be cleaned prior to acceptance.
- f. Contractor to provide 1 gallons (4 liters) of paint as attic stock upon completion

4. Closeout

- a. At completion of work, the Contractor shall clean any impacted areas to a condition equal to original condition. Patch and refinish existing surfaces as needed to match existing conditions.
- b. All shipping materials and construction debris are to be disposed of in a legal manner outside of the IZ.

- c. Prior to Final Acceptance the Contractor shall submit to the Contracting Officer Representative marked up drawings (As-Builts) reflecting the work as constructed. The drawings shall be digitally submitted on a CD-ROM in both AutoCAD and PDF format.

5. DELIVERABLES – See Section F.11

1. Pre-Construction:
 - a. Shop Drawings, Product Data, specifications.
 - b. Safety, Security Plan
 - c. DBA Insurance
 - d. Bank Guarantee
 - e. Schedule
2. Construction:
 - a. Meeting Minutes, Progress reports
 - b. Updated Schedule
 - c. Safety Incidents
3. Close-out
 - a. As-built Drawings
 - b. O&M Manuals

6. PROJECT SCHEDULE - RESERVED

1. **Construction Milestones, from Notice to Proceed - reserved**
2. **Commencement, Prosecution, and Completion of Work - See Section F.2**

7. RESPONSIBILITIES AND PROJECT MANAGEMENT

1. **COR.** A Contracting Officers Representative (COR) will be assigned to ensure quality assurance goals are met. The Contractor shall provide the COR access to the site at all times.
2. **Point of Contact.** The COR shall be the main point of contact for this Project. The Contractor shall report to the COR on (a) status of the Project, (b) changes in Schedule, (c) accidents and safety issues, (d) disruptions to elevator or utility services; and all other important information pertaining to the Project
3. **English Speaking Representative.** The Contractor shall provide an English-speaking representative on-site during all working hours with the authority to make all decisions on behalf of the Contractor and subcontractors.
4. **Management Personnel.** The Contractor shall staff the site, full-time, with a competent senior manager who shall perform project management. Remote project management is not an option. This individual shall keep a detailed photographic and written history of the project and shall update the Government weekly.
5. **Site Security.** The Contractor is responsible for on-site security as necessary to ensure no unauthorized access to their work sites. The Contractor is 100% responsible for securing their

working materials and equipment. Any damage to facilities or infrastructure, which happens due to a lack of security, will be the responsibility of the Contractor to correct.

6. **Contractor's Temporary Work Center.** The Contractor will be permitted to use a designated area within the contract limits for operation of his construction equipment and office if warranted. If directed by the Contracting Officer, the Contractor shall not receive additional compensation to relocate his operations. The Contractor is responsible for obtaining any required additional mobilization area above that designated. On completion of the contract, all facilities shall be removed from the mobilization area within 5 days of final acceptance by the Contractor and shall be disposed of in accordance with applicable host government laws and regulations. The site shall be cleared of construction debris and other materials and the area restored to its final grade. The Contractor is responsible for maintaining this area in a clear orderly manner.
7. **Health and Safety.** The Contractor shall be solely responsible for risk assessments, managing health, and safety issues associated with this project. The Contractor must provide cold water to all workers at the job sites. Based on hazard assessments, Contractors shall provide or afford each affected employee personal protective equipment (PPE) that will protect the employee from hazards. At a minimum PPE shall consist of eye protection, hard hats, and closed toe shoes. If the workers arrive on-site with sandals or athletic shoes, the Contractor is expected to provide rubber boots to them or send them home. All construction workers and management personnel must wear hard hats at all times on the construction sites. Contractor provided rubber boots and rubber gloves shall be worn when working around concrete placement. Other PPE such as gloves, dust masks, air respirators (sewage work) are also recommended. These items must be provided at the Contractor's expense. Workers may use discretion if they feel unsafe in using the equipment in a hostile environment. Any worker at an elevated location above 4 meters, with the exception of a portable ladder, must be provided and utilize a safety harness.

The Contractor must adhere to the Construction Safety and Occupational Health Regulations of OBO Specification Section 01521.

ATTACHMENT #7**DEFENSE BASE ACT INSURANCE RATES & CONTACT INFORMATION**

Contract number: S-AQMMA-08-C-0204

Contractor: Continental Insurance Co.
333 S. Wabash Ave
Chicago, IL 60604-4107

Agent: Rutherford International
5500 Cherokee Avenue, Suite 300
Alexandria, VA 22312

Primary Contact: Delia Shontere, Phone (703) 813-6507
FAX: (703) 354-0370, Email: delia.shontere@rutherford.com

Secondary Contact Sara Payne, Phone (703) 813-6503, same FAX as above
E-mail: sara.payne@rutherford.com

Rates July 22, 2011 through July 21, 2012:

Please note the rates referenced below are subject change due to an ongoing contract audit. If the audit outcome determines different rates are applicable, A/OPE will issue an additional PIB with the rates and guidance.

Description	Rate
Services	\$4.00 per \$100 of employee compensation
Construction	\$5.50 per \$100 of employee compensation
Security Contractor/Guards without Aviation Exposure within Global War on Terrorism designated areas (currently designated areas are Iraq and Afghanistan)	\$10.50 per \$100 of employee compensation
Aviation Related Services with Aviation Exposure within Global War on Terrorism designated areas (currently designated areas are Iraq and Afghanistan)	\$20.00 per \$100 of employee compensation

For the purposes of this contract, employee remuneration is defined as salary plus post differential, but excludes per diem, housing allowance, travel expenses, temporary quarters allowance, education allowance and other miscellaneous post allowances.

Please note if a contractor is self-insured they are not required to utilize this contract. The following link provides a list of contractors approved by the Department of Labor as authorized self-insured employers to provide DBA insurance: <http://www.dol.gov/esa/owcp/dlhwc/lscarrrier.htm#authorized%20self-insured%20employers>. Contractors not on this list are not self-insured and are required to use the DoS DBA contract, except for the INL Air Wing contract.

DEFINITION OF LABOR CATEGORIES**SERVICE:**

\$4.00/\$100 “White collar” workers such as IT Consultants, Engineers, Administrative-type Office workers, Translators, Instructors, Restaurant type services. Security Consultants could be included as long as they are just assessing risk and not providing armed protection.

CONSTRUCTION:

\$5.50/\$100 “Blue collar” workers providing Construction services such as Laundry Services, Janitorial Services, Installation of Cable, Security Systems, Testing/Maintaining of Equipment, Carpentry, Electrical, Plumbing, HVAC, Elevator installation and maintenance, Concrete, Asphalt, Day Laborers, Operation, Maintenance and Repair of Heavy/Light Equipment, Mechanics, Drivers, Skilled/Unskilled Manual Labor.

SECURITY:

\$10.50/\$100 Personal Security Detail (PSD) and Static or Convoy Guarding property of Personnel (Iraq/Afghanistan)

AVIATION:

\$20.00/\$100 Pilot and Crew of any aircraft excluding ground personnel who provide maintenance or services but stay on the ground

The labor category for this acquisition is CONSTRUCTION.

ATTACHMENT 8
UNITED STATES DEPARTMENT OF STATE OVERSEAS BUILDINGS OPERATIONS
NEW EMBASSY COMPOUND, BAGHDAD, IRAQ SPECIFICATIONS

SECTION 01521 – CONSTRUCTION SAFETY AND OCCUPATIONAL HEALTH

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Other general provisions of the Contract, including FAR clauses by reference or as amended in Contract Sections B through J, and other Division 1 sections of these Contract Specifications apply to requirements of this Section; this Section in turn applies to the Contract Drawings and to Specification Divisions 2 through 16 to be developed by the Contractor.
- B. Refer to Section 01501, *Temporary Facilities and Controls*, for information on materials, equipment, and electrical power related to temporary facilities.
- C. Regulations and Standards. Governing regulations and specific technical safety and health requirements for work performed at Project Site and incorporated into this construction safety and occupational health program include the following:
 - 1. Latest edition of U.S. Army Corps of Engineers (USACE) Safety and Health Requirements Manual, EM 385-1-1; this document is available at U.S. Government Printing Office, Washington D.C.
 - 2. DOS Foreign Affairs Manual (FAM), Vol. 6, Subchapter 610 "Safety Health and Environmental Management Program" shall apply when and where construction activity impacts on U.S. diplomatic missions and the public.
 - 3. NFPA Code 241, Standard for Safeguarding Construction, Alteration, and Demolition Operations.
 - 4. ANSI A10 series standards for Safety Requirements for Construction and Demolition.
 - 5. NFPA Code 51B, Standard for Fire Prevention During Welding, Cutting, and Other Hot Work.
 - 6. NFPA 10, Standard for Portable Fire Extinguishers.
 - 7. Rigging, by James Headley, Crane Institute of America Publishing Company, Maitland Florida, 2001.
 - 8. 2001 Food Code, Food and Drug Administration, National Technical Information Service Publication PD2002-100819, or latest edition.

1.2 SUMMARY

- A. The purpose of this Section is to indicate the nature and scope of Contractor responsibilities for:
 - 1. Construction safety and occupational health for all persons and property at the Project Site.
 - 2. Developing a Construction Accident Prevention Plan (CAPP) for management procedures, operations, training, inspections, assessments and reporting of safety

and health matters on site.

1.3 DEFINITIONS

Refer to Contract Glossary for definitions of all safety-related terms, and specifically, Designated Authority, Hazard, Activity Hazard Analysis, Job Hazard Analysis, Qualified Person, and Confined Space.

1.4 SUBMITTALS

A. Construction Accident Prevention Plan (CAPP).

1. See Attachment "A", *Guidelines for Preparation of the Construction Accident Prevention Plan*. The Construction Accident Prevention Plan (CAPP) is a safety and health policy and program management document. The CAPP shall be job-specific, and shall address unusual or unique aspects of the Project. The CAPP is based upon USACE EM 385-1-1, where it is referred to as "Accident Prevention Plan (APP)".
2. Before beginning work at the Project Site, submit to Project Director/COR for acceptance, a detailed CAPP indicating means which will be provided to ensure: safe access to work areas, protection/safety/health of persons authorized to be at Project Site, and protection of property on and adjacent to Project Site during all phases of construction. Include in the text of CAPP a certified statement executed by Contractor's representative having broad corporate authority indicating full commitment to accepted CAPP, and level of authority in assignment of responsibilities for implementation at the Project Site. Include specific details for meetings, inspections, and training/instruction of Contractor, subcontractor, and separate contractor employees.

B. Activity and Job Hazard Analysis. Prior to proceeding with performance of work involving unusual construction operations, work practices, or work involving hazardous materials, prepare and submit written analysis to Project Director/COR. Do not proceed with work that has been identified as being potentially hazardous until Project Director/COR has expressed and recorded "no objection" to proposed methods and procedures.

C. Hazardous Materials. Contractor shall bring to immediate attention of Project Director/COR any material suspected of being hazardous which is encountered in demolition or excavation or used during execution of the work. A determination will be made by Project Director/COR as to whether to have tests performed to ascertain whether the material is hazardous; do not proceed with that part of the work until directed by Project Director/COR.

D. Hazardous Work Permits. Contractors and subcontractors shall submit written requests to Project Director/COR for all Hazardous Work Permits. Permits are required whenever construction operations include the following:

1. Hot Work. Includes all work that results in open flame such as welding, cutting, brazing, and burning. The Contractor shall provide effective fire protection and prevention at all times during such operations.
2. Confined Space Entry. As defined above, includes work in enclosed areas such as storage tanks, bins, sewers, in-ground vaults, boilers, vessels, tunnels,

- manholes, pits, etc.
3. Internal Combustion Engines. The use of trucks, forklifts, pumps, or generators powered by petroleum-based fuel when used inside a building, structure, or confined space.
 4. Explosive Actuated Tools. These include powder charged tools manufactured by Hilti, Remington, Ram Set, and others used for fastening purposes.
 5. Explosives. Follow all applicable US and local government regulations. In all cases close coordination with controlling officials shall be effected.
- E. Material Safety Data Sheets (MSDS). Refer to the requirements USACE EM 385-1-1.
- F. Minutes of Meetings. Record and submit to Project Director/COR minutes of safety related meetings, including weekly tool box safety meetings and meetings of the Joint Safety and Health Committee as described below.
- G. Records of Inspection. All records of inspection shall be made available to the Project Director/COR. Records of inspection shall include documentation of safety, health, and housekeeping inspections and corrective actions and timetables associated with any deficiencies encountered. Documentation shall also be made available for verification that corrective actions were implemented.
- H. Accident Investigation and Reporting. Investigate and submit separate accident report on each accident resulting in lost time, disabling/fatal injuries, or damage to vehicles, property, materials, supplies, or to furniture, fixtures, and equipment.
1. Prepare reports on forms supplied by and in accordance with instructions of Project Director/COR. Include in each report Contractor's recommendations and statement of actions taken to prevent recurrence of accident. Submit report of each accident with 24 hours of accident or mishap, except as otherwise indicated by requirements or governing regulations.
 2. Except as may be otherwise requested by Project Director/COR during time of contract, report major accidents and mishaps on Form (3-92) DS-1663, related instruction sheet available from the Project Director/COR.

1.5 PROJECT CONDITIONS

- A. General. Continue management and implementation of safety and health program through time of construction. Comply with conditions existing and developing at Project Site, and with requests of Project Director/COR. Acceptance by Project Director/COR will not relieve the Contractor of overall responsibility for compliance with the strict interpretation of all safety and health requirements of the Contract.
- B. The Project Director/COR reserves the right to suspend work when and where the Contractor's safety and health program is considered to be operating in an inadequate manner, has severe shortcomings, or is not in compliance. This shall include failures to complete required submittals within the time periods specified.
- C.

PART 2 – PRODUCTS

2.1 MATERIALS AND EQUIPMENT

Materials, equipment, and workmanship for temporary facilities described in this Section shall be provided and performed in accordance with requirements in Section 01501, Temporary Facilities and Controls.

PART 3 - EXECUTION

IMPLEMENTATION OF CONSTRUCTION ACCIDENT PREVENTION PLAN

Management and Corporate Commitment. Implementation and management of accepted CAPP shall have full cooperation and support of management at the broad, corporate level. Full cooperation and support shall be expressed by written statement executed by a senior officer of the construction contracting firm/corporation, included with the CAPP as described in this Section.

Safety and Health Rules. The Contractor shall establish and enforce clearly written, definitive rules to be followed by employees of Contractor, subcontractors, and separate contractors at Project Site, applicable for performance of each unit of work. Prominently post notices in English, the host national language, and third country languages, if appropriate, stating that failure to comply with safety and health rules may cause immediate termination of employment. Post safety and health rules at the Project Site and provide a copy to each subcontractor prior to the commencement of work.

Emergency Resources. The Contractor shall establish, jointly with OBO, a listing of telephone numbers and location of ambulance, physician, hospital, fire, police, and other sources of emergency assistance. This information shall be conspicuously posted in several locations on Project Site.

Emergency Communication. Wireless telephone service shall be the preferred method of emergency communications. Emergency communication access shall be available to site medical personnel and nearby medical clinic or hospital.

Emergency Plans. The Contractor shall establish, jointly with the Project Director/COR and OBO Site Security Manager, plans to ensure safety of all persons at Project Site in the event of fire or other emergency, and review with all effected employees. Emergency plans shall be tested quarterly using drills to ascertain and ensure their effectiveness. Testing of emergency plans shall be conducted jointly by USG and Contractor staff.

Plans shall include: Escape procedures and routes, method of accounting for employees following emergency evacuation, identification of source and location for rescue and medical assistance, means of reporting emergencies, and persons to be contacted for information or clarification.

Planning for Project shall include total system response capabilities to minimize consequences of accidents, natural disasters, or other emergencies.

On-site emergency planning shall be integrated with off-site emergency support.

The number of persons permitted in any location shall be limited to rescue and escape capability, as determined by Contractor and in concurrence with Project Director/COR.

Emergency alert systems shall be identified, selected, installed, and tested to alert all persons likely to be affected by existing or imminent disaster conditions, and to alert and summon

personnel and equipment comprising emergency response capability.

General Orientation. Contractor to provide orientation for new employees regarding safety and health policies, and work rules.

Specific Training.

Provide specific training to supervisory personnel and all craft workers of the Contractor and subcontractors in proper use and care of specific personal protective gear, equipment, and clothing.

Contractor and subcontractor employees shall be trained and supervised by qualified persons to perform, safely and confidently, recognized hazardous work operations and work performed with hazardous conditions to which they have been assigned.

Safety and Health Program Manager (SHPM).

Assign to the Project Site a full-time SHPM whose duties shall be the effective implementation, coordination, and enforcement of the CAPP. Provide support to the SHPM for the duration of the Contract. Notices posted at Project Site shall name the SHPM and describe the authority held by the position.

Qualification. The SHPM shall be a qualified, experienced construction industry professional having ability and authority to manage CAPP. The SHPM shall be qualified to anticipate, identify, evaluate, and implement corrective action in relation to potential safety and health hazards and dangerous exposures.

Joint Safety and Health Committee. Establish for the project, a functioning Joint Safety and Health Committee. Membership to include management or supervisory personnel of the Contractor and subcontractors and OBO representatives as may be needed. The Joint Safety and Health Committee, chaired by the SHPM, shall meet at regularly scheduled times and at other times as determined by the Project Director/COR. The committee shall:

Coordinate the management of safety and health activities and actions for effective protection.

Determine implementation of new safety and health measures related to forthcoming construction activities.

Anticipate and analyze potentially hazardous conditions, and implement safe and healthy solutions.

Perform Activity and Job Hazard Analysis for work activities involving unusual construction operations, work practices, or work involving hazardous materials. Develop methods and procedures to reduce identified hazards to greatest extent possible.

Inspections.

Frequent safety, health, and housekeeping inspections shall be conducted by qualified persons of temporary structures, fabrication shops, material, machinery and equipment at the Project Site. All inspections shall be documented by qualified persons.

Documentation shall include any deficiencies encountered along with details and timetable for corrective actions.

The SHPM shall be responsible to identify and coordinate all safety, health, and housekeeping inspections.

The SHPM shall be responsible to verify, document, and ensure that all corrective actions have been implemented.

Tool Box Meetings. Contractor shall hold "tool box" safety meetings once each week. Require attendance by all tradespersons, laborers, foremen, and supervisors at Project Site; include those of separate contractors. Discuss current construction operations, analyze hazards, and communicate solutions.

TOOLS, EQUIPMENT, AND MACHINERY

Quality. Hand tools, power tools, equipment, machinery, materials, and personal protective apparatus shall be of manufacturer listed by U.S. or internationally recognized testing laboratory for specific application for which they are to be used. They shall be quality products recognized for professional construction use, applications, and work practices.

Safe Clearance Procedure. Prior to initial use, and periodically thereafter at times of continued use, provide inspections of construction tools, equipment, and machinery. Do not permit continued use of tools, equipment, and machinery that are not in satisfactory working condition. Immediately upon identification of damage or malfunction, tag and remove from Project Site. Do not allow return of items until repaired or reprocessed in compliance with industry practice. Engage qualified persons to make such inspections and repair. Prepare written records, including recommendations for corrections of defects and misapplication.

Machinery and Mechanized Equipment.

Prior to being placed in use, all machinery and mechanized equipment shall be inspected and tested by qualified personnel and certified to be in safe operating condition.

Records of tests and inspections shall be maintained at the site by the Contractor and shall become part of the official project file.

Tower cranes, crawler cranes, truck and wheel mounted cranes and material hoists shall be erected, tested, maintained, and repaired in accordance with the manufacturer's recommendations. All actions shall be documented.

Tower cranes shall be inspected quarterly for operation and structural integrity in accordance with manufacturer's recommendations.

Hoisting Equipment. Provide general-use manufactured apparatus for hoisting and material handling equipment, suitable for Project configuration, that is, for the number of stories and similar considerations and for the suitable handling of materials, fabrications, tools, equipment, work platforms, and, where applicable, for the transportation of craftspersons between grade and floor levels.

Walking and Working Surfaces.

Scaffolding shall be a standard, medium- to heavy-duty welded tubular frame or a project-designed steel tube and clamp system. All components shall be manufactured and tested according to international standards. All types of manufactured scaffolding systems shall include the scaffold manufacturer's integrated access stairway sections,

handrails, and walking platforms.

For all cast-in-place concrete installations of walls, columns, beams and slabs, provide manufacturer's standard access scaffolding and work platforms which are an integral part of a pre-engineered, reusable, factory built concrete forming/shoring system consisting of pre-fabricated modular metal framed plywood or all metal panels.

Protect openings in floor slabs of more than 0.03 square meters (46 square inches) in area. Provide guardrails at floor slab edges that are not yet permanently walled off, where located more than 1.25 meters (4 feet) above grade or adjoining floor/deck surface.

Access to Construction Operations. Provide ramps, stairs, ladders, and similar devices for craftsman, inspector, authorized visitor, and USG personnel access and egress.

Noise Reduction. Minimize the generation of noises through the efficient and shielded use of materials, tools, processes and procedures. Restrict the use of noise or impact-producing tools to necessary prosecution of the work. These actions shall seek to minimize complaints from nearby occupancies, and comply with requests of local authorities.

SITE MAINTENANCE, PROTECTION, AND SANITATION

General. Provide indirect, work-related, temporary support facilities and services as described below in conjunction with performance of work at Project Site.

Comply with Host Country governing regulations as enforced by authorities; including building codes, requirements of utility companies, health/safety regulations by police/rescue/fire departments, environmental protection regulations, and similar applicable regulations.

Inspections. Arrange for required inspections, certifications, and permits, for installation and use of each temporary facility, prior to use; as may be required by governing authorities and franchised service vendors.

Maintain temporary facilities in clean, sanitary, and safe operating conditions; and do not allow conditions of use to become inefficient, overloaded, hazardous, or otherwise deleterious to the USG's interests; comply with the Project Director's/COR's requests.

Fire Protection. Except as otherwise indicated, and in every instance, expedite/complete and place into service permanent fire protection system and equipment. Prior to the time permanent facilities are placed into service, provide temporary fire protection facilities, as will be adequate for conditions at the Project Site. Where possible, arrange jointly with Project Director/COR and local fire department to respond to calls for assistance and service in cases of fire emergency. Provide temporary portable fire extinguishers, complying with applicable provisions of NFPA 10, Standard for Portable Fire Extinguishers, and UL rated; multi-purpose dry chemical type, 5.0 kg size, UL-rated "4-A:60-B:C." Maintain unobstructed access to fire extinguishers and locate at each prime point of access to each story of construction, and at each principal office, lunch room, fabrication shop, storage enclosure, gate/guard house, and similar temporary facility at Project Site. Prohibit smoking, except in designated areas of relatively low fire hazard.

During welding, cutting, and burning, comply with NFPA 51B, Standard for Fire Prevention During Welding, Cutting, and Other Hot Work, in fire-hazardous areas of exposure, provide stand-by fire-protection personnel and adequate supervision of operations.

First Aid. At project sites on which more than 99 and less than 300 persons are employed (greatest number being the total number of employees on a shift), establish and equip, as directed by a licensed physician, a first aid station staffed full time with a professional nurse trained in emergency response. If medical clinics or hospitals are accessible within five minutes of the project site, the facilities may be approved by a licensed physician for use, in lieu of a first aid station.

Barricades, Closures, and Traffic Control. Provide substantial barricade-type closures and rails at locations where encroachment of a physically hazardous condition in construction is possible, for equipment, tradespersons, and others at or adjoining the Project Site. Provide sidewalk bridge type protective structure where traffic, vehicular and pedestrian, cannot be excluded from hazardous areas under and nearby overhead work in progress. Provide appropriate warning signs, flashing-type warning lights, and adequate general lighting at principal barricades which are not intended to be crash-proof. Maintain barricades through periods of exposure to hazardous conditions.

Roadways and Walkways. Establish safe roadways and walkways in and around Project Site, and connecting with adjoining public thoroughfares. Provide signage and other markings; including traffic control signage and signals, as may be necessary and useful in controlling traffic and in restricting traffic from passing through other areas. Cooperate with local officials in the establishment and/or adjustment of street entrance/exiting signals and signs. Do not allow established traffic ways to become encumbered or obstructed with work activities, materials, parked vehicles, equipment, and similar elements. In particular, keep established entrance-and-exit passages clear for medical emergencies, escape, fire fighting, and other emergency access and egress.

Environmental Protection. Provide facilities and services as may be required by governing authorities to protect the environment; as it may be affected by performance of the work at the Project Site, and elsewhere, wherever work is in progress. Minimize the generation of wastes and avoid the pollution of every element of the environment. Prohibit the discharging and accidental loss of substances from the construction process that could possibly contaminate the atmosphere, surface or ground water, soil or subsoil.

Excavation and Demolition.

The Contractor, before commencement of any part of excavation or demolition, shall give any notices required to be given to adjoining landowners or other parties.

Contractor shall initiate all necessary protective provisions prior to excavation or demolition of any site improvement.

Before excavation or demolition of any site improvement, Contractor shall examine structural condition of all adjacent structures or infrastructure, whether on site or on adjoining property. Based on examination, where there is reason to believe planned excavation or demolition will cause damage or unsafe conditions to adjacent structures or infrastructure, excavation or demolition operations shall not be performed until means have been provided to insure stability and prevent collapse of adjacent structures or

infrastructure. Such means shall consist of sheet piling, shoring, bracing, underpinning, or equivalent.

Other protective provisions shall include, at a minimum, temporary protective coverings or enclosures of adjoining work, warning signs, and similar provisions.

Dust Control. Where and when applicable, implement a suitable program for dust control in and around the Project Site, designed to reduce dust generation/ distribution to reasonable level. Coordinate with environmental protection program.

Rodent, Pest, and Vermin Control. Employ specialized services to eliminate or minimize the threat of deleterious effects from insects, animals, and other vermin at Project Site. Up to and at the time of substantial completion, the Project and Project Site will be relatively free of entrenched and harbored pests of every description. Employ only environmentally safe methods and products in the control of rodents, pests and other vermin.

Potable Water. Where reasonably possible, provide potable water for entire water requirement of construction period. Where and when that is not possible, provide potable water for drinking and other uses where specified; clearly marked with signage in multiple languages as appropriate for site location; with source as Contractor's option: City-controlled piped water, well on site, commercially bottled water, or other reliable source. Demonstrate on a monthly basis to the Project Director/COR that the potable water from all selected sources is safe for human consumption. Sterilize piping of temporary potable water systems prior to use.

Construction Site Sanitation and Health Facilities.

Toilets Facilities and Restrooms.

Toilet facilities are defined as enclosures containing one or more toilet fixtures or commodes for the purpose of defecation or urination or both. A urinal is a toilet fixture maintained within a toilet room for the sole purpose of urination. A toilet facility or restroom may be a temporary structure, portable units, or a permanent facility.

The Project Site shall be provided with adequate toilet facilities. Separate facilities shall be provided for each sex and properly labeled in English and the commonly understood local language. Pictograms shall be used. The sewage disposal method shall comply with the requirements of the authority having jurisdiction. Toilet facilities shall be provided so as to be readily accessible to all employees. As far as is practicable, toilet facilities shall be located within sixty-one (61) meters (200 feet) of all locations where workers are regularly performing the work. The number of toilet fixtures shall be based on the anticipated maximum number of workers at Project Site. An adequate supply of toilet paper shall be maintained at all times. A hand-washing lavatory shall be provided in close proximity to all toilet facilities.

The construction and installation of toilet facilities shall be accepted by the Project Director/COR and shall be in compliance with, if appropriate, all-applicable local jurisdictional codes. The floors, walls, partition, and doors of all

toilet facilities shall be of a hard, impervious finish that can be easily cleaned. Floors shall be concrete. Walls and partitions shall be constructed of concrete masonry units, and doors shall be of metal or solid wood. All surface finishes shall be chosen to facilitate cleaning and the maintenance of the highest standards of sanitation.

Each toilet or commode shall occupy a separate compartment or stall which shall be equipped with a door and latch. Partitions and doors shall be of nonabsorbent materials. The walls of compartments, stalls, or partitions between the toilets or commodes may be less than the height of room walls, but the top shall not be less than one hundred seventy-three (173) centimeters (5 feet, 8 inches) from the floor and the bottom not more than thirty (30) centimeters (1 foot) above the floor.

In all newly constructed toilet rooms, the floors and exterior walls to a height of fifteen (15) centimeters (6 inches) above the floor shall be of watertight construction to facilitate cleaning and sanitation.

Every toilet fixture, commode, or urinal shall be so installed that the space around and behind the fixture can be easily cleaned.

Where non-sewer waste disposal systems are permitted, these shall be of a type accepted by the local health authorities having jurisdiction. These systems shall be maintained in a sanitary condition.

Lavatories and Personal Washing Facilities.

A lavatory is a basin or similar vessel for washing hands, arms, face and head.

Adequate facilities for maintaining personal cleanliness shall be provided at the Project Site. Facilities shall be convenient for employee access and shall be maintained in a sanitary condition.

Lavatories shall be provided at or adjacent to all toilet facilities. Lavatories with adequate hot (43°-60°C or 110°-140°F) and cold water shall be provided.

Mixing or combination supply fixtures are preferable. Sixty (60) centimeter diameter (24 inch) basin rims shall be considered as equal to one lavatory. In all instances, a dispenser containing a suitable skin cleaning agent shall be provided at each lavatory.

Drinking Fountains and Dispensers.

Provide an adequate number of drinking water fountains or dispensers, distributed for convenience and efficiency, around the Project Site and service support areas. Maintain an adequate supply of sanitary disposable paper cups and waste receptacles at each water dispenser.

Provide bottled drinking water where piped potable water service is not available.

Shower Facilities.

Where employees are exposed to skin contamination with poisonous, infectious, or irritating material (cement, lime, solvents, etc.), or where unsanitary or unhealthful working conditions require bathing before leaving the Project Site, the Contractor shall provide shower facilities in the ratio of one per each fifteen persons so exposed. Showers shall be supplied with ample hot (43°-60°C or 110°-140°F) and cold water.

A dispenser containing a suitable skin-cleaning agent shall be provided at each shower. Individual hand towels of cloth or paper shall be provided. Proper receptacles or other sanitary means shall be provided for the disposal of used towels. The provision of a loop towel rack for general or common use shall be prohibited as unsanitary.

Laundry Facilities.

Provide laundering of work clothing and coveralls that have become contaminated with poisonous, irritating or infectious material (cement, lime, solvents, etc.). The Contractor shall provide clean sets of laundered clothing or coveralls as part of the protective clothing requirement.

Should the process in which the worker is engaged be such that the individual's work clothing becomes wet or has to be washed between shifts, the Contractor shall make such provision to dry such clothing before reuse.

Changing Rooms.

Changing or dressing rooms shall be provided whenever it is the local practice or a requirement to change from street clothing to work clothing.

Street and work clothing shall not be stored in contact with each other in changing rooms.

Lunch Rooms, Mess Halls, Dining Facilities, and Food Service Operations.

An enclosed facility shall be provided and set aside specifically for employees to eat lunch at the Project Site. The minimum area per person shall be specified as 1.0 square meter or 11 square feet. The Contractor shall provide such enclosed facilities to accommodate at one time 50% of the maximum number of non-office-occupant personnel anticipated and as authorized to be at Project Site.

These facilities shall be equipped with tables and chairs or benches to seat the number of persons anticipated. The Contractor shall specify suitable floor, wall, and ceiling finishes, doors and windows, screening, and suitable fixtures and accessories. The Contractor shall provide general lighting, HVAC system, and drinking fountains or dispensers.

These dining facilities shall be physically separated from toilets at a minimum

distance of sixty-one (61) meters (200 feet). Dining facilities shall be physically separated from all locations where there is the threat of exposure to toxic or infectious materials.

Perishable home-prepared lunches are a potential source of food-borne illness when stored at room temperature. Accordingly, the Contractor shall provide refrigeration facilities capable of maintaining a temperature of 7°C or 45°F or lower for the storage of lunches prior to consumption. Should local law require that meals be provided, the Contractor shall accommodate those requirements. The Contractor shall provide space, utilities, and support services for the installation of vending machines for drinks and incidental foods. The Contractor shall establish, administer, and supervise service contracts with local vending firms. These contracts and the plan for their execution in practice must be cleared by the Project Director/COR and the Site Security Manager.

If the Contractor provides prepared or pre-prepared catered meals at the Project Site, all employee food service facilities and operations shall meet and comply with relevant requirements of the FDA 2001 Food Code or latest edition.

Waste Handling and Janitorial Services.

General. Provide proper and adequate segregated waste containers for the collection and removal of waste materials in different categories. These include, but are not limited to: hazardous wastes, flammable wastes, sanitary and health-care wastes, garbage, wastes for recycling as required by local authorities, inert and dry wastes, and incidental debris from the construction process. Dispose of general non-organic wastes at seven (7) day intervals. Dispose of organic, garbage, and similar temperature-sensitive wastes at three (3) day intervals when the average outdoors-daily maximum temperature can be expected to be above 18°C. Clean waste containers regularly and adequately. Dispose of wastes in a lawful manner.

Contractor may develop and implement a waste management plan that quantifies material diversion goals and methods of salvage and recycling in order to earn LEED points as described in Contract Section C.

On a daily basis the Contractor shall keep the Project and Construction Site clean and clear of accumulated wastes, including surplus materials, trimmings, incidental demolished work, and construction debris. Clean completed elements and portions of work, and maintain in "broom clean" condition, except as otherwise indicated by the Project Director/COR.

On a daily basis, provide janitorial services, including the restocking of disposable products, for the maintenance of temporary offices, security spaces, toilets, first-aid rooms, lunchrooms, shower/locker rooms, and similar facilities. Scrub toilet and first-aid room fixtures and floors daily, and scrub floors and walls of shower rooms daily. Provide weekly cleaning, damp mopping, or vacuuming, as may be appropriate, for

other floors. Provide monthly washing of windows and cleaning of other walls, ceilings, light fixtures, and similar facility surfaces. Comply with the Project Director's/COR's specific requests to maintain facilities in a reasonably clean and sanitary condition at all times. Extend janitorial services to include permanent facilities as may be authorized for use as temporary facilities.

1. END OF SECTION 01521

<<< The following document is an example of a CAPP >>>

U.S. DEPARTMENT OF STATE
OVERSEAS BUILDINGS OPERATIONS

Project Name & CONTRACT No. -----

CONSTRUCTION ACCIDENT PREVENTION PLAN (CAPP)

NAME OF CONTRACTOR:

POLICY.

The (name of Contractor) accident prevention policy, ensures that all of our employees have a firm understanding of our company's position regarding the protection of all persons, public, and property during all phases of new construction and renovation works, of U.S. Department of State buildings. In implementation of the accident prevention policy, (name of Contractor) accepts full responsibility for the establishment and implementation of an effective construction safety and occupational health program at the project site.

PURPOSE.

The Construction Accident Prevention Plan (CAPP), herein, establishes organizational and management elements necessary to implement an effective Safety and Health Program. The CAPP, as a policy and management document, will comply with the latest edition, of the U.S. Army Corps of Engineers Safety And Health Requirements Manual EM 385-1-1.

The objective of (name of Contractor) is to provide for a safe working construction environment, a strong safety awareness by all of our supervisors and workers, and the safe use of tools, machinery and equipment.

REFERENCE DOCUMENTS. The _____Project will comply with the following regulations:

- U.S. Army Corps of Engineers, *Safety and Health Requirements Manual*, EM 385-1-1, latest edition.
- U.S. Department of State Foreign Affairs Manual Volume 6 Subchapter 610, *Safety Health and Environmental Management Program*, with latest changes.
- NFPA Code 241, *Standard for Safeguarding Construction, Alteration, and Demolition Operations*.
- ANSI A10 series standards for Safety Requirements for Construction and Demolition.
- NFPA Code 51B, *Standard for Fire Prevention During Welding, Cutting, and Other Hot Work*.
- NFPA 70, *National Electrical Code*.
- NFPA 10, *Standard for Portable Fire Extinguishers*.
- *2001 Food Code*, Food and Drug Administration, National Technical Information Service Publication PD2002-100819, or latest edition.

- *Rigging*, by James Headley, Crane Institute of America Publishing Company, Maitland Florida, 2001.

ORGANIZATIONAL/ADMINISTRATIVE RESPONSIBILITY FOR CAPP.

Mr./Ms. (name), the Project Manager, has been given full authority, responsibility, and support by (name of Contractor) for the administration and implementation of the CAPP.

Safety and Health Program Manager (SHPM).

To assist our Project Manager, a qualified Safety and Health Program Manager (SHPM) will be appointed (full time) to administer and implement the (CAPP). The Project Manager and the Safety and Health Program Manager have been delegated with corporate responsibility and authority to identify safe and unhealthful conditions and to take corrective action to abate or eliminate such conditions. The SHPM is a qualified, experienced, construction industry professional possessing the ability and authority to manage this CAPP. The SHPM will anticipate, identify, evaluate, and implement corrective action to abate or reduce potential safety and health hazards and dangerous exposures.

Joint Safety and Health Committee.

(name of Contractor) will establish for the duration of the project a functional Joint Safety and Health Committee for this project. Membership will be by official appointment and will include supervisory personnel from our company and from our subcontractors. The SHPM will coordinate and delegate the activities of the Committee.

PROGRAM MANAGEMENT REQUIREMENTS.

Emergency Plans.

(name of Contractor) will establish jointly with Project Director/COR, in the event of fire or other emergency, Emergency Plans for the safe evacuation of all persons at the Project Site. Emergency Plans that are relative to (name of Contractor) construction operations will be submitted to the Project Director/COR for acceptance. Plans will be tested/evaluated monthly to ascertain their effectiveness.

First Aid Station.

(name of Contractor) understands that on OBO construction project sites on which more than 99 and less than 300 persons are employed (greatest number being the total number of employees on a shift) at the site, there shall be established and equipped, as directed by a licensed physician, a first aid station staffed full time with a professional nurse trained in emergency response. If medical clinics or hospitals are accessible within five minutes of the project site, the facilities may be approved by a licensed physician for use, in lieu of a first aid station.

Activity and Worker Hazard Analysis.

The Project Manager, SHPM, and the Joint Safety and Health Committee, will assess safety and health issues associated with special construction activities in the schedule. Prior to each major phase of the work, the Project Manager will prepare and submit an Activity and Worker Hazard Analysis report to the Project Director/COR for acceptance.

Safety Training and Orientation.

"New Hire" training will be conducted by _____. New employees to the Project Site will be required to attend an employee safety orientation program, at which time, safety rules will be explained by the SHPM.

A copy of the project safety rules will be given to each new employee, who will be required to sign a statement stating that he/she has been instructed in the safety philosophy of the company, have been given a copy of the project safety rules, and understand them.

In addition, all employees will observe and obey rules at Post governing the conduct and behavior of persons performing construction work in an occupied U.S. Department of State facility.

Violation of Safety Rules.

(name of Contractor) will initiate a procedure/mechanism to discipline all workers who repeatedly violate safety rules. (Example: the procedure may include the termination of an employee after one verbal and two written warnings for the same violation).

Tool Box Safety Meetings – Coordination and Communication.

To ensure better safety and health awareness, (name of Contractor) will communicate, through weekly Tool Box meetings, a corporate safety and health philosophy to all construction personnel. Records of attendance and documentation of topics for each meeting will be kept. Topics will include but not be limited to protection of employees, personal protective clothing/equipment, fall protection, fire prevention, fire protection, emergency evacuation procedures, and the safe use of power tools and machinery.

Material Safety Data Sheets.

Material Safety Data Sheets (MSDS) for all hazardous chemical substances in use on Project Site will be obtained from the manufacturer and kept on Project Site. Workers who are assigned to work with hazardous substances will be trained in the proper procedures and precautionary measures to be taken while using such substances/products.

Safe Clearance Procedure.

Prior to initial use, and periodically thereafter at times of continued use, (name of Contractor) will inspect all construction tools, equipment and machinery. (name of Contractor) will not permit continued use of tools equipment and machinery which are not in good condition. Damaged or malfunctioning tools or equipment will be tagged and immediately removed from service.

Hazardous Work Permits.

(name of Contractor) and subcontractors will submit written requests to Project Director/COR for Hazardous Work Permits when construction operations include the following:

1. Hot Work. Work that results in open flames such as welding, cutting, brazing and burning. (name of Contractor) will provide effective fire protection and prevention at all times during such operations.
2. Confined Space Entry. Work in enclosed areas such as storage tanks, bins, sewers, in-ground vaults, boilers, tunnels, manholes etc.

3. Internal Combustion Engines. Use of trucks, forklifts, pumps, or generators, powered by petroleum-based fuel, when inside a building structure or confined space.
4. Explosive Actuated Tools. Powder charged tools (Hilti, Remington, Ram Set and other manufactures) used for fastening purposes.

Temporary Electrical Power.

(name of Contractor), if requested, will submit to Project Director/COR, for acceptance, a plan of proposed temporary power distribution and the means of protection of all circuits including receptacles, grounding, and ground fault circuit interrupters.

Inspections.

Under the direction of the SHPM, (name of Contractor) will provide for frequent safety, health, and housekeeping inspections of Project Site. Temporary structures, fabrication shops, material storage areas, all machinery, tools and equipment will be inspected to ensure compliance with USACE Safety and Health Requirements Manual EM 385-1-1. Records of inspections, and a timetable for corrective action will be maintained.

Reporting Work Related Injuries.

All work related injuries will be reported to Project Director/COR. A daily log of first aid treatment will be kept at the location of the first aid station. Injuries requiring off-site medical treatment will be reported to Project Director/COR. An accident report will be completed by a supervisor or foreman for each work related injury or illness resulting in lost time.

Accident Investigation.

All accidents involving death, multiple hospitalizations, or excessive property damage will be officially investigated and reported under the authority and direction of the Project Director/COR.

2. END OF ATTACHMENT "A" SECTION 01521

SECTION 05500 - METAL FABRICATIONSPART 1 - GENERAL1.1 SUMMARY

- A. This Section includes the following:
1. Steel framing and supports for doors.
 2. Steel framing and supports for screens.

1.2 PERFORMANCE REQUIREMENTS

- A. Thermal Movements: Provide exterior metal fabrications that allow for thermal movements resulting from the following maximum change (range) in ambient and surface temperatures by preventing buckling, opening of joints, overstressing of components, failure of connections, and other detrimental effects. Base engineering calculation on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.
1. Temperature Change (Range): 67 deg C (120 deg F), ambient; 100 deg C (180 deg F), material surfaces.

1.3 SUBMITTALS

- A. Product Data: For the following:
1. Paint products.
- B. Shop Drawings: Show fabrication and installation details for metal fabrications.
1. Include plans, elevations, sections, and details of metal fabrications and their connections. Show anchorage and accessory items.
 2. Provide templates for anchors and bolts specified for installation under other Sections.
 3. For installed products indicated to comply with design loads, include structural analysis data signed and sealed by the qualified professional engineer responsible for their preparation.
- C. Mill Certificates: Signed by manufacturers of stainless-steel sheet certifying that products furnished comply with requirements.
- D. Welding certificates.
- E. Qualification Data: Professional engineer.

1.4 QUALITY ASSURANCE

- A. Fabricator Qualifications: A firm experienced in producing metal fabrications similar to those indicated for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required units.
- B. Welding: Qualify procedures and personnel according to the following:
 - 1. AWS D1.1, "Structural Welding Code--Steel."
 - 2. AWS D1.2, "Structural Welding Code--Aluminum."
 - 3. AWS D1.3, "Structural Welding Code--Sheet Steel."
 - 4. Certify that each welder has satisfactorily passed AWS qualification tests for welding processes involved and, if pertinent, has undergone recertification.

PART 2 - PRODUCTS

2.1 METALS, GENERAL

- A. Metal Surfaces, General: For metal fabrications exposed to view in the completed Work, provide materials with smooth, flat surfaces without blemishes. Do not use materials with exposed pitting, seam marks, roller marks, rolled trade names, or roughness.

2.2 FERROUS METALS

- A. Steel Plates, Shapes, and Bars: ASTM A 36/A 36M.
- B. Steel Tubing: Cold-formed steel tubing complying with ASTM A 500.
- C. Steel Pipe: ASTM A 53, standard weight (Schedule 40), unless another weight is indicated or required by structural loads.
- D. Drill-in-Place Anchors in Concrete: Anchors of type indicated below, fabricated from corrosion-resistant materials capable of sustaining, without failure, the load imposed within a safety factor of 4, as determined by testing per ASTM E 488, conducted by a qualified independent testing agency.
 - 1. Epoxy type; [ASTM A 36 threaded rod](#), hot-dip galvanized per ASTM A 153/A 153M.
- E. Welding Rods and Bare Electrodes: Select according to AWS specifications for metal alloy welded.

2.3 FASTENERS

- A. Bolts and Nuts: Regular hexagon-head bolts, [ASTM F 568M, Property Class 4.6](#); with hex nuts, [ASTM A 563M](#); and, where indicated, flat washers.
- B. Anchor Bolts: ASTM F 1554, Grade 36.
- C. Plain Washers: Round, carbon steel, [ASME B18.22M](#).
- D. Epoxy Anchors: HILTI DE-500 or approved.

2.4 MISCELLANEOUS MATERIALS

- A. Welding Rods and Bare Electrodes: Select according to AWS specifications for metal alloy welded.
- B. Shop Primers: Provide primers that comply with Division 9 painting Sections.
- C. Universal Shop Primer: Fast-curing, lead- and chromate-free, universal modified-alkyd primer complying with MPI#79.
 - 1. Use primer with a VOC content of 420 g/L (3.5 lb/gal.) or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).
 - 2. Use primer containing pigments that make it easily distinguishable from zinc-rich primer.
- D. Zinc-Rich Primer: Complying with SSPC-Paint 20 or SSPC-Paint 29 and compatible with topcoat.
 - 1. Use primer with a VOC content of 420 g/L (3.5 lb/gal.) or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).
- E. Galvanizing Repair Paint: High-zinc-dust-content paint for regalvanizing welds in steel, complying with SSPC-Paint 20.
- F. Nonshrink, Nonmetallic Grout: Factory-packaged, nonstaining, noncorrosive, nongaseous grout complying with ASTM C 1107. Provide grout specifically recommended by manufacturer for interior and exterior applications.

2.5 FABRICATION, GENERAL

- A. Shop Assembly: Preassemble items in shop to greatest extent possible to minimize field splicing and assembly. Disassemble units only as necessary for shipping and handling limitations. Use connections that maintain structural value of joined pieces. Clearly mark units for reassembly and coordinated installation.
- B. Shear and punch metals cleanly and accurately. Remove burrs.
- C. Ease exposed edges to a radius of approximately 1 mm, unless otherwise indicated. Form bent-metal corners to smallest radius possible without causing grain separation or otherwise impairing work.
- D. Weld corners and seams continuously to comply with the following:
 - 1. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals.
 - 2. Obtain fusion without undercut or overlap.
 - 3. Remove welding flux immediately.
 - 4. At exposed connections, finish exposed welds and surfaces smooth and blended so no roughness shows after finishing and contour of welded surface matches that of adjacent surface.
- E. Provide for anchorage of type indicated; coordinate with supporting structure. Fabricate and space anchoring devices to secure metal fabrications rigidly in place and to support indicated loads.
- F. Cut, reinforce, drill, and tap metal fabrications as indicated to receive finish hardware, screws, and similar items.

- G. Fabricate joints that will be exposed to weather in a manner to exclude water, or provide weep holes where water may accumulate.
- H. Allow for thermal movement resulting from the following maximum change (range) in ambient and surface temperatures by preventing buckling, opening up of joints, overstressing of components, failure of connections, and other detrimental effects. Base engineering calculation on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.
 - 1. Temperature Change (Range): 67 deg C, ambient; 100 deg C, material surfaces.
- I. Form exposed work true to line and level with accurate angles and surfaces and straight sharp edges.
- J. Remove sharp or rough areas on exposed traffic surfaces.
- K. Form exposed connections with hairline joints, flush and smooth, using concealed fasteners where possible. Use exposed fasteners of type indicated or, if not indicated, Phillips flat-head (countersunk) screws or bolts. Locate joints where least conspicuous.

2.6 MISCELLANEOUS FRAMING AND SUPPORTS

- A. General: Provide steel framing and supports indicated and as necessary to complete the Work.
- B. Fabricate units from structural-steel shapes, plates, and bars of welded construction, unless otherwise indicated. Fabricate to sizes, shapes, and profiles indicated and as necessary to receive adjacent construction retained by framing and supports. Cut, drill, and tap units to receive hardware, hangers, and similar items.
 - 1. Fabricate units from slotted channel framing where indicated.
 - 2. Where units are indicated to be cast into concrete or built into masonry, equip with integrally welded steel strap anchors 32 mm wide by 6 mm thick by 200 mm long at 600 mm o.c., unless otherwise indicated.
 - 3. Furnish inserts if units must be installed after concrete is placed.
- C. Fabricate supports for operable partitions as follows:
 - 1. Beams: Continuous steel shapes of sizes indicated with attached bearing plates, anchors, and braces as indicated. Drill bottom flanges of beams to receive partition track hanger rods; locate holes where indicated on operable partition Shop Drawings.
- D. Galvanize miscellaneous framing and supports where indicated.

2.7 MISCELLANEOUS STEEL TRIM

- A. Unless otherwise indicated, fabricate units from structural-steel shapes, plates, and bars of profiles shown with continuously welded joints, and smooth exposed edges. Miter corners and use concealed field splices where possible.
- B. Provide cutouts, fittings, and anchorages as needed to coordinate assembly and installation with other work. Provide anchors, welded to trim, for embedding in concrete or masonry construction, spaced

not more than 150 mm from each end, 150 mm from corners, and 600 mm o.c., unless otherwise indicated.

- C. Galvanize miscellaneous steel trim in the following locations:
 - 1. Exterior.

2.8 FINISHES, GENERAL

- A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
- B. Finish metal fabrications after assembly.

2.9 STEEL AND IRON FINISHES

- A. Galvanizing: Hot-dip galvanize items as indicated to comply with applicable standard listed below:
 - 1. ASTM A 123, for galvanizing steel and iron products.
 - 2. ASTM A 153/A 153M, for galvanizing steel and iron hardware.
- B. Preparation for Shop Priming: Prepare uncoated ferrous-metal surfaces to comply with minimum requirements indicated below for SSPC surface-preparation specifications and environmental exposure conditions of installed metal fabrications:
 - 1. Exteriors (SSPC Zone 1B): SSPC-SP 6/NACE No. 3, "Commercial Blast Cleaning."
 - 2. Interiors (SSPC Zone 1A): SSPC-SP 3, "Power Tool Cleaning."
- C. Apply shop primer to uncoated surfaces of metal fabrications, except those with galvanized finishes and those to be embedded in concrete, sprayed-on fireproofing, or masonry, unless otherwise indicated. Comply with SSPC-PA 1, "Paint Application Specification No. 1," for shop painting.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

- A. Fastening to In-Place Construction: Provide anchorage devices and fasteners where necessary for securing metal fabrications to in-place construction. Include threaded fasteners for concrete and masonry inserts, toggle bolts, through-bolts, lag bolts, wood screws, and other connectors.
- B. Cutting, Fitting, and Placement: Perform cutting, drilling, and fitting required for installing metal fabrications. Set metal fabrications accurately in location, alignment, and elevation; with edges and surfaces level, plumb, true, and free of rack; and measured from established lines and levels.
- C. Provide temporary bracing or anchors in formwork for items that are to be built into construction.
- D. Fit exposed connections accurately together to form hairline joints. Weld connections that are not to be left as exposed joints but cannot be shop welded because of shipping size limitations. Do not weld,

cut, or abrade surfaces of exterior units that have been hot-dip galvanized after fabrication and are for bolted or screwed field connections.

- E. Field Welding: Comply with the following requirements:
1. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals.
 2. Obtain fusion without undercut or overlap.
 3. Remove welding flux immediately.
 4. At exposed connections, finish exposed welds and surfaces smooth and blended so no roughness shows after finishing and contour of welded surface matches that of adjacent surface.
- F. Corrosion Protection: Coat concealed surfaces of aluminum that will come into contact with grout, concrete, masonry, wood, or dissimilar metals with a heavy coat of bituminous paint.

3.2 INSTALLING MISCELLANEOUS FRAMING AND SUPPORTS

- A. General: Install framing and supports to comply with requirements of items being supported, including manufacturers' written instructions and requirements indicated on Shop Drawings.
- B. Anchor supports for operable partitions securely to and rigidly brace from building structure.

3.3 ADJUSTING AND CLEANING

- A. Touchup Painting: Immediately after erection, clean field welds, bolted connections, and abraded areas of shop paint, and paint exposed areas with the same material as used for shop painting to comply with SSPC-PA 1 for touching up shop-painted surfaces.
1. Apply by brush or spray to provide a minimum 0.05-mm dry film thickness.
- B. Touchup Painting: Cleaning and touchup painting of field welds, bolted connections, and abraded areas of shop paint are specified in Division 9 Section "Painting."
- C. Galvanized Surfaces: Clean field welds, bolted connections, and abraded areas and repair galvanizing to comply with ASTM A 780.

END OF SECTION 05500

SECTION 09260 - GYPSUM BOARD ASSEMBLIESPART 1 - GENERAL1.1 SUMMARY

- A. This Section includes the following:
 - 1. Interior gypsum wallboard.
 - 2. Tile backing panels.
 - 3. Non-load-bearing steel framing.

1.2 DEFINITIONS

- A. Gypsum Board Terminology: Refer to ASTM C 11 for definitions of terms for gypsum board assemblies not defined in this Section or in other referenced standards.

1.3 SUBMITTALS

- A. Product Data: For each type of product.
- B. Samples: For the following products:
 - 1. Trim Accessories: Full-size sample in 300 mm-long length for each trim accessory indicated.
 - 2. Manufacturers' product data for adhesives and sealants, including printed statement of VOC content.

1.4 QUALITY ASSURANCE

- A. Fire-Test-Response Characteristics: For gypsum board assemblies with fire-resistance ratings, provide materials and construction identical to those tested in assembly indicated according to ASTM E 119 by an independent testing and inspecting agency acceptable to authorities having jurisdiction.
 - 1. Fire-Resistance-Rated Assemblies: Indicated by design designations from UL's "Fire Resistance Directory"

1.5 PERFORMANCE REQUIREMENTS

- A. Seismic: Provide gypsum board assemblies meeting the seismic requirements of the IBC.
- B. Deflection Limits:
 - 1. All Other Wall Assemblies: L/240
 - 2. Ceiling Assemblies: L/360

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in original packages, containers, or bundles bearing brand name and identification of manufacturer or supplier.
- B. Store materials inside under cover and keep them dry and protected against damage from weather, direct sunlight, surface contamination, corrosion, construction traffic, and other causes. Stack gypsum panels flat to prevent sagging.

1.7 PROJECT CONDITIONS

- A. Environmental Limitations: Comply with ASTM C 840 requirements or gypsum board manufacturer's written recommendations, whichever are more stringent.

PART 2 - PRODUCTS

2.1 STEEL PARTITION AND SOFFIT FRAMING

- A. Components, General: As follows:
 - 1. Comply with ASTM C 754 for conditions indicated.
 - 2. Steel Sheet Components: Complying with ASTM C 645 requirements for metal and with ASTM A 653/A 653M, **Z180**, hot-dip galvanized zinc coating.
- B. Steel Studs and Runners: ASTM C 645.
 - 1. Minimum Base Metal Thickness: **0.84 mm**.
- C. Deep-Leg Deflection Track: ASTM C 645 top runner with **50.8-mm**- deep flanges.
- D. Flat Strap and Backing Plate: Steel sheet for blocking and bracing in length and width indicated.
 - 1. Minimum Base Metal Thickness: **0.84 mm**.
- E. Cold-Rolled Channel Bridging: **1.5-mm** bare steel thickness, with minimum **12.7-mm**- wide flange.
 - 1. Depth: **38.1 mm**.
 - 2. Clip Angle: **38.1 by 38.1 mm**, **1.73-mm**- thick, galvanized steel.
- F. Hat-Shaped, Rigid Furring Channels: ASTM C 645.
 - 1. Minimum Base Metal Thickness: As indicated.
- G. Resilient Furring Channels: **12.7-mm**- deep, steel sheet members designed to reduce sound transmission.
- H. Z-Shaped Furring: With slotted or nonslotted web, face flange of **31.8 mm**, wall attachment flange of **22.2 mm**, minimum bare metal thickness of **0.45 mm**, and depth required to fit insulation thickness.

- I. Fasteners for Metal Framing: Of type, material, size, corrosion resistance, holding power, and other properties required to fasten steel members to substrates.

2.2 INTERIOR GYPSUM WALLBOARD

- A. Panel Size: Provide in maximum lengths and widths available that will minimize joints in each area and correspond with support system.
- B. Gypsum Wallboard: ASTM C 36.
 - 1. Type X:
 - a. Thickness: 16 mm.
- C. Proprietary Abuse-Resistant Gypsum Wallboard: ASTM C 36, manufactured to produce greater resistance to surface indentation and through-penetration than standard gypsum panels.
 - 1. Core: 5/8 inch (15.9 mm), Type X.
 - 2. Long Edges: Tapered.
 - 3. Location: All public areas and as scheduled or indicated.

2.3 TRIM ACCESSORIES

- A. Interior Trim: ASTM C 1047.
 - 1. Material: Galvanized or aluminum-coated steel sheet, rolled zinc, plastic, or paper-faced galvanized steel sheet or Galvanized or aluminum-coated steel sheet or rolled zinc.
 - 2. Shapes:
 - a. Cornerbead: Use at outside corners.
 - b. Bullnose Bead: Use at outside corners.
 - c. LC-Bead: J-shaped; exposed long flange receives joint compound; use at exposed panel edges.
 - d. L-Bead: L-shaped; exposed long leg receives joint compound; use where indicated.
 - e. U-Bead: J-shaped; exposed short flange does not receive joint compound; use at exposed panel edges.
 - f. Expansion (Control) Joint: Use where indicated.
 - g. Curved-Edge Cornerbead: With notched or flexible flanges; use at curved openings.

2.4 JOINT TREATMENT MATERIALS

- A. General: Comply with ASTM C 475.
- B. Joint Tape:
 - 1. Interior Gypsum Wallboard: Paper.
- C. Joint Compound for Interior Gypsum Wallboard: For each coat use formulation that is compatible with other compounds applied on previous or for successive coats.

1. Prefilling: At open joints, rounded or beveled panel edges, and damaged surface areas, use setting-type taping compound.
2. Embedding and First Coat: For embedding tape and first coat on joints, fasteners, and trim flanges, use drying-type, all-purpose compound.
 - a. Use setting-type compound for installing paper-faced metal trim accessories.
3. Fill Coat: For second coat, use drying-type, all-purpose compound.
4. Finish Coat: For third coat, use drying-type, all-purpose compound.
5. Skim Coat: For final coat of Level 5 finish, use drying-type, all-purpose compound.

2.5 AUXILIARY MATERIALS

- A. General: Provide auxiliary materials that comply with referenced installation standards and manufacturer's written recommendations.
- B. Laminating Adhesive: Adhesive or joint compound recommended for directly adhering gypsum panels to continuous substrate.
- C. Steel Drill Screws: ASTM C 1002, unless otherwise indicated.
 1. Use screws complying with ASTM C 954 for fastening panels to steel members from 0.84 to 2.84 mm thick.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas and substrates, with Installer present, and including welded hollow-metal frames, cast-in anchors, and structural framing, for compliance with requirements and other conditions affecting performance. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLING STEEL FRAMING, GENERAL

- A. Installation Standards: ASTM C 754, and ASTM C 840 requirements that apply to framing installation.
- B. Install supplementary framing, blocking, and bracing at terminations in gypsum board assemblies to support fixtures, equipment services, heavy trim, grab bars, toilet accessories, furnishings, or similar construction. Comply with details indicated and with gypsum board manufacturer's written recommendations or, if none available, with United States Gypsum's "Gypsum Construction Handbook."
- C. Isolate steel framing from building structure at locations indicated to prevent transfer of loading imposed by structural movement.
 1. Isolate ceiling assemblies where they abut or are penetrated by building structure.

2. Isolate partition framing and wall furring where it abuts structure, except at floor. Install slip-type joints at head of assemblies that avoid axial loading of assembly and laterally support assembly.
 - a. Use deep-leg deflection track where indicated.
 - b. Use proprietary deflection track where indicated.
 - c. Use proprietary firestop track where indicated.
- D. Do not bridge building control and expansion joints with steel framing or furring members. Frame both sides of joints independently.

3.3 INSTALLING STEEL PARTITION

- A. Install tracks (runners) at floors, ceilings, and structural walls and columns where gypsum board assemblies abut other construction.
 1. Where studs are installed directly against exterior walls, install asphalt-felt or foam-gasket isolation strip between studs and wall.
- B. Installation Tolerance: Install each steel framing and furring member so fastening surfaces vary not more than 3 mm from the plane formed by the faces of adjacent framing.
- C. Extend partition framing full height to structural supports or substrates above suspended ceilings, except where partitions are indicated to terminate at suspended ceilings. Continue framing over frames for doors and openings and frame around ducts penetrating partitions above ceiling to provide support for gypsum board.
 1. Cut studs 13 mm short of full height to provide perimeter relief.
 2. For fire-resistance-rated and STC-rated partitions that extend to the underside of floor/roof slabs and decks or other continuous solid-structure surfaces to obtain ratings, install framing around structural and other members extending below floor/roof slabs and decks, as needed to support gypsum board closures and to make partitions continuous from floor to underside of solid structure.
 - a. Terminate partition framing at suspended ceilings where indicated.
- D. Install steel studs and furring at the following spacings:
 1. Single-Layer Construction: 406 mm o.c., unless otherwise indicated.
 2. Multilayer Construction: 610 mm o.c., unless otherwise indicated.
 3. Cementitious Backer Units: 406 mm o.c., unless otherwise indicated.
- E. Install steel studs so flanges point in the same direction and leading edge or end of each panel can be attached to open (unsupported) edges of stud flanges first.
- F. Frame door openings to comply with GA-600 and with gypsum board manufacturer's applicable written recommendations, unless otherwise indicated. Screw vertical studs at jambs to jamb anchor clips on door frames; install runner track section (for cripple studs) at head and secure to jamb studs.

Install two studs at each jamb, unless otherwise indicated.

1. Install cripple studs at head adjacent to each jamb stud, with a minimum 13-mm clearance from jamb stud to allow for installation of control joint.
2. Extend jamb studs through suspended ceilings and attach to underside of floor or roof structure above.

G. Frame openings other than door openings the same as required for door openings, unless otherwise indicated. Install framing below sills of openings to match framing required above door heads.

3.4 APPLYING AND FINISHING PANELS, GENERAL

A. Gypsum Board Application and Finishing Standards: ASTM C 840 and GA-216.

B. Install gypsum panels with face side out. Butt panels together for a light contact at edges and ends with not more than 1.5 mm of open space between panels. Do not force into place.

C. Locate edge and end joints over supports, except in ceiling applications where intermediate supports or gypsum board back-blocking is provided behind end joints. Do not place tapered edges against cut edges or ends. Stagger vertical joints on opposite sides of partitions. Do not make joints other than control joints at corners of framed openings.

D. Attach gypsum panels to steel studs so leading edge or end of each panel is attached to open (unsupported) edges of stud flanges first.

E. Attach gypsum panels to framing provided at openings and cutouts.

F. Do not attach gypsum panels across the flat grain of wide-dimension lumber, including floor joists and headers. Float gypsum panels over these members using resilient channels, or provide control joints to counteract wood shrinkage.

G. Form control and expansion joints with space between edges of adjoining gypsum panels.

H. Isolate perimeter of non-load-bearing gypsum board partitions at structural abutments, except floors. Provide 6.4- to 12.7-mm-wide spaces at these locations, and trim edges with U-bead edge trim where edges of gypsum panels are exposed. Seal joints between edges and abutting structural surfaces with acoustical sealant.

I. Space fasteners in gypsum panels according to referenced gypsum board application and finishing standard and manufacturer's written recommendations.

1. Space screws a maximum of 304.8 mm o.c. for vertical applications.

J. Space fasteners in panels that are tile substrates a maximum of 203.2 mm o.c.

3.5 INSTALLING TRIM ACCESSORIES

A. General: For trim with back flanges intended for fasteners, attach to framing with same fasteners used for panels. Otherwise, attach trim according to manufacturer's written instructions.

- B. Control Joints: Install control joints according to ASTM C 840 and in specific locations approved by COR Representative for visual effect.

3.6 FINISHING GYPSUM BOARD ASSEMBLIES

- A. General: Treat gypsum board joints, interior angles, edge trim, control joints, penetrations, fastener heads, surface defects, and elsewhere as required to prepare gypsum board surfaces for decoration. Promptly remove residual joint compound from adjacent surfaces.
- B. Prefill open joints, rounded or beveled edges, and damaged surface areas.
- C. Apply joint tape over gypsum board joints, except those with trim having flanges not intended for tape.
- D. Gypsum Board Finish Levels: Finish panels to levels indicated below, according to ASTM C 840, for locations indicated:
 - 1. Level 1: Embed tape at joints in ceiling plenum areas, concealed areas, and where indicated, unless a higher level of finish is required for fire-resistance-rated assemblies and sound-rated assemblies.
 - 2. Level 2: Embed tape and apply separate first coat of joint compound to tape, fasteners, and trim flanges where panels are substrate for tile and where indicated or panels are substrate for acoustical tile.
 - 3. Level 3: Embed tape and apply separate first and fill coats of joint compound to tape, fasteners, and trim flanges where indicated.
 - 4. Level 4: Embed tape and apply separate first, fill, and finish coats of joint compound to tape, fasteners, and trim flanges at panel surfaces that will be exposed to view, unless otherwise indicated.
 - 5. Level 5: Embed tape and apply separate first, fill, and finish coats of joint compound to tape, fasteners, and trim flanges, and apply skim coat of joint compound over entire surface where indicated.

END OF SECTION 09260

SECTION 09912 - PAINTINGPART 1 - GENERAL1.1 SUMMARY

- A. This Section includes surface preparation and field painting of exposed interior items and surfaces.
1. Surface preparation, priming, and finish coats specified in this Section are in addition to shop priming and surface treatment specified in other Sections.
- B. Paint exposed surfaces, except where these Specifications indicate that the surface or material is not to be painted or is to remain natural. If an item or a surface is not specifically mentioned, paint the item or surface the same as similar adjacent materials or surfaces. If a color of finish is not indicated, COR will select from standard colors and finishes available.
1. Painting includes field painting of exposed bare and covered pipes and ducts (including color coding), hangers, exposed steel and iron supports, and surfaces of mechanical and electrical equipment that do not have a factory-applied final finish.
- C. Do not paint prefinished items, concealed surfaces, finished metal surfaces, operating parts, and labels.
1. Prefinished items include the following factory-finished components:
 - a. Architectural woodwork.
 - b. Acoustical wall panels.
 - c. Metal lockers.
 - d. Elevator equipment.
 - e. Finished mechanical and electrical equipment.
 - f. Light fixtures.
 2. Operating parts include moving parts of operating equipment and the following:
 - a. Door Hardware
 3. Labels: Do not paint over UL, FMG, or other code-required labels or equipment name, identification, performance rating, or nomenclature plates.

1.2 DEFINITIONS

- A. General: Standard coating terms defined in ASTM D 16 apply to this Section.
1. Flat refers to a lusterless or matte finish with a gloss range below 15 when measured at an 85-degree meter.

2. Eggshell refers to low-sheen finish with a gloss range between 20 and 35 when measured at a 60-degree meter.
3. Semi-gloss refers to medium-sheen finish with a gloss range between 35 and 70 when measured at a 60-degree meter.
4. Full gloss refers to high-sheen finish with a gloss range more than 70 when measured at a 60-degree meter.

1.3 SUBMITTALS

- A. Product Data: For each type of product indicated.
 1. Include manufacturers' product data for paints, including printed statement of VOC content and chemical components.
 2. Include manufacturers' MSDS information for each product.
 3. Material List: An inclusive list of required coating materials. Indicate each material and cross-reference specific coating, finish system, and application. Identify each material by manufacturer's catalog number and general classification.
 4. Manufacturer's Information: Manufacturer's technical information, including label analysis and instructions for handling, storing, and applying each coating material.
- B. Samples for Initial Selection: For each type of topcoat product indicated.
- C. Samples for Verification: For each type of paint system and in each color and gloss of topcoat indicated.
 1. Submit Samples on rigid backing, 8 inches 200 mm square.
 2. Step coats on Samples to show each coat required for system.
 3. Label each coat of each Sample.
 4. Label each Sample for location and application area.
- D. Product List: For each product indicated, include the following:
 1. Cross-reference to paint system and locations of application areas. Use same designations indicated on Drawings and in schedules.
 2. Printout of current "MPI Approved Products List" for each product category specified in Part 2, with the proposed product highlighted.

1.4 QUALITY ASSURANCE

- A. Applicator Qualifications: A firm or individual experienced in applying paints and coatings similar in material, design, and extent to those indicated for this project, whose work has resulted in applications with a record of successful in-service performance.
- B. Source Limitations: Obtain block fillers, primers, and undercoat for each coating system from the same manufacturer as the finish coats.

- C. Environmental Regulations: Comply with Government, regulations limiting volatile organic compound (VOC) content in coating materials, related to coating materials and application methods, as current at time of performance of the work.
 - 1. Paints and coatings listed in Schedules do not necessarily comply with environmental regulations in force at the project site. In such cases, subject to acceptance by Government, provide manufacturer's equivalent or replacement product, as verified by compliance with submittal requirements specified above.
- D. Pre-installation Conference: Before beginning preparation of samples, meet with Government and appropriate consultants, and other concerned entities.
 - 1. Review requirements for shop-priming, compatibility of each coating material with substrates and other coatings, and the suitability of each specified paint system for the substrates and other field conditions indicated.
 - 2. Record discussions of conference, including decisions and agreements or disagreements reached, and furnish a copy for each attendee. If substantial disagreements exist at the conclusion of the conference, determine how disagreements will be resolved and set a date for reconvening the conference.

1.5 PROJECT CONDITIONS

- A. Deliver materials to Project site in manufacturer's original, unopened packages and containers bearing manufacturer's name and label and the following information:
 - 1. Product name or title of material.
 - 2. Product description (generic classification or binder type).
 - 3. Manufacturer's stock number and date of manufacture.
 - 4. Contents by volume, for pigment and vehicle constituents.
 - 5. Thinning instructions.
 - 6. Application instructions.
 - 7. Color name and number.
 - 8. VOC content.

1.6 Keep storage area neat and orderly. Remove oily rags and waste daily.

- A. Store materials not in use in tightly covered containers in a well-ventilated area at a minimum ambient temperature of 7 deg C. Maintain storage containers in a clean condition, free of foreign materials and residue.
- B. Apply waterborne paints only when temperatures of surfaces to be painted and surrounding air are between 10 and 32 deg C.
- C. Apply solvent-thinned paints only when temperatures of surfaces to be painted and surrounding air are between 7 and 35 deg C.

- D. Do not apply paint in rain, fog, or mist; or when relative humidity exceeds 85 percent; or at temperatures less than 3 deg C above the dew point; or to damp or wet surfaces.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Provide paint products by one of the following manufacturers:

1. Benjamin Moore
2. PPG Industries
3. Sherwin-Williams

2.2 PAINT MATERIALS, GENERAL

- A. Material Compatibility: Provide block fillers, primers, and finish-coat materials that are compatible with one another and with the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.
- B. Material Quality: Provide manufacturer's best-quality paint material of the various coating types specified that are factory formulated and recommended by manufacturer for application indicated. Paint-material containers not displaying manufacturer's product identification will not be acceptable.

2.3 PREPARATORY COATS

- A. Exterior Primer: Exterior alkyd or latex-based primer of finish coat manufacturer and recommended in writing by manufacturer for use with finish coat and on substrate indicated.
1. Zinc-Coated Metal Substrates: Galvanized metal primer.
 2. Where manufacturer does not recommend a separate primer formulation on substrate indicated, use paint specified for finish coat.
- B. Interior Primer: Interior latex-based or alkyd primer of finish coat manufacturer and recommended in writing by manufacturer for use with finish coat and on substrate indicated.
1. Ferrous-Metal Substrates: Quick drying, rust-inhibitive metal primer.
 2. Zinc-Coated Metal Substrates: Galvanized metal primer.
 3. Where manufacturer does not recommend a separate primer formulation on substrate indicated, use paint specified for finish coat.

2.4 EXTERIOR FINISH COATS

- A. Exterior Full-Gloss Acrylic Enamel for Ferrous and Other Metals.

2.5 INTERIOR FINISH COATS

- A. Interior Full-Gloss Alkyd Enamel for Metal Surfaces.

PART 3 - EXECUTION

3.1 APPLICATION

- A. Comply with procedures specified in PDCA P4 for inspection and acceptance of surfaces to be painted.
- B. Coordination of Work: Review other Sections in which primers are provided to ensure compatibility of the total system for various substrates. On request, furnish information on characteristics of finish materials to ensure use of compatible primers.
- C. Remove hardware and hardware accessories, plates, machined surfaces, lighting fixtures, and similar items already installed that are not to be painted. If removal is impractical or impossible because of size or weight of the item, provide surface-applied protection before surface preparation and painting.
 - 1. After completing painting operations in each space or area, reinstall items removed using workers skilled in the trades involved.
- D. Surface Preparation: Clean and prepare surfaces to be painted according to manufacturer's written instructions for each particular substrate condition and as specified.
 - 1. Provide barrier coats over incompatible primers or remove and reprime.
 - 2. Cementitious Materials: Remove efflorescence, chalk, dust, dirt, grease, oils, and release agents. Roughen as required to remove glaze. If hardeners or sealers have been used to improve curing, use mechanical methods of surface preparation.
 - 3. Ferrous Metals: Clean ungalvanized ferrous-metal surfaces that have not been shop coated; remove oil, grease, dirt, loose mill scale, and other foreign substances. Use solvent or mechanical cleaning methods that comply with SSPC's recommendations.
 - a. Blast steel surfaces clean as recommended by paint system manufacturer and according to SSPC-SP 6/NACE No. 3, SSPC-SP 10/NACE No. 2.
 - b. Treat bare and sandblasted or pickled clean metal with a metal treatment wash coat before priming.
 - c. Touch up bare areas and shop-applied prime coats that have been damaged. Wire-brush, clean with solvents recommended by paint manufacturer, and touch up with same primer as the shop coat.
 - 4. Galvanized Surfaces: Clean galvanized surfaces with nonpetroleum-based solvents so surface is free of oil and surface contaminants. Remove pretreatment from galvanized sheet metal fabricated from coil stock by mechanical methods.

- E. Material Preparation:
1. Maintain containers used in mixing and applying paint in a clean condition, free of foreign materials and residue.
 2. Stir material before application to produce a mixture of uniform density. Stir as required during application. Do not stir surface film into material. If necessary, remove surface film and strain material before using.
- F. Exposed Surfaces: Include areas visible when permanent or built-in fixtures, grilles, convactor covers, covers for finned-tube radiation, and similar components are in place. Extend coatings in these areas, as required, to maintain system integrity and provide desired protection.
1. Paint surfaces behind movable equipment and furniture the same as similar exposed surfaces. Before final installation of equipment, paint surfaces behind permanently fixed equipment or furniture with prime coat only.
 2. Paint interior surfaces of ducts with a flat, nonspecular black paint where visible through registers or grilles.
 3. Paint back sides of access panels and removable or hinged covers to match exposed surfaces.
 4. Finish exterior doors on tops, bottoms, and side edges the same as exterior faces.
 5. Finish interior of wall and base cabinets and similar field-finished casework to match exterior.
- G. Sand lightly between each succeeding enamel or varnish coat.
- H. Scheduling Painting: Apply first coat to surfaces that have been cleaned, pretreated, or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration.
1. Omit primer over metal surfaces that have been shop primed and touchup painted.
 2. If undercoats, stains, or other conditions show through final coat of paint, apply additional coats until paint film is of uniform finish, color, and appearance.
- I. Application Procedures: Apply paints and coatings by brush, roller, spray, or other applicators according to manufacturer's written instructions.
- J. Minimum Coating Thickness: Apply paint materials no thinner than manufacturer's recommended spreading rate. Provide total dry film thickness of the entire system as recommended by manufacturer.
- K. Mechanical and Electrical Work: Painting of mechanical and electrical work is limited to items exposed in equipment rooms and occupied spaces.
- L. Prime Coats: Before applying finish coats, apply a prime coat, as recommended by manufacturer, to material that is required to be painted or finished and that has not been prime coated by others. Recoat primed and sealed surfaces where evidence of suction spots or

unsealed areas in first coat appears, to ensure a finish coat with no burn-through or other defects due to insufficient sealing.

3.2 CLEANING AND PROTECTING

- A. At the end of each workday, remove empty cans, rags, rubbish, and other discarded paint materials from Project site.
- B. Protect work of other trades, whether being painted or not, against damage from painting. Correct damage by cleaning, repairing or replacing, and repainting, as approved by COR.
- C. Provide "Wet Paint" signs to protect newly painted finishes. After completing painting operations, remove temporary protective wrappings provided by others to protect their work.
 - 1. After work of other trades is complete, touch up and restore damaged or defaced painted surfaces. Comply with procedures specified in PDCA P1.

3.3 PAINT SCHEDULES

- A. Wherever more than one coat of paint is called for, paint with completely separate coats with the manufacturer's minimum drying time between coats.
 - 1. Application of separate coats, with manufacturers dry time between, is imperative and absolute. Drying time between coats is mandatory and not to be waived or modified.
 - 2. Under no circumstances is the number of coats to be combined into a lesser number with an, "equivalent" thickness to attempt to equal separate coats, applied individually.
 - 3. Applications called, "Equivalent", with fewer than the specified number of coats, but equal to the total thickness, are not acceptable.
 - 4. To assure performance, keep a record of application of each coat, each location, with dates of application, substrate, type of paint, names of applicators, and ambient conditions. Submit the record to the Government for review and acceptance in authorizing payment for the work.

3.4 EXTERIOR PAINT SCHEDULE

A. SYSTEM NO. 1

- 1. Premium, Full Gloss. Alkyd Enamel Finish: Apply at the following surfaces:
 - a. Exposed surfaces (exterior and interior) of exterior shop primed hollow metal door and frame assemblies.
- 2. Touch-up shop applied primer before applying finish coats. Provide two finish coats over a shop applied primer

- a. First and Second Finish Coats: Premium quality, full gloss, exterior, alkyd enamel applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 2.5 mils.
 - 1) Moore IronClad Quick-Dry Industrial Enamel #071
 - 2) Tnemec Series 23, Enduratone

3.5 INTERIOR PAINT SCHEDULE General: Provide the following paint systems for the various substrates, as indicated. Apply additional coats when undercoats, previous coatings or other conditions show through the final coat, until the cured film is of uniform coating finish, color and appearance.

A. SYSTEM NO. 2

1. Flat, Acrylic-Enamel over Gypsum Board.
 - a. Apply at exposed gypsum board wall surfaces scheduled to receive paint but not included in Systems 10 and 11.
2. Provide one finish coat over a primer as follows:
 - a. Primer: Latex based interior applied rate recommended by manufacturer to achieve a total dry film thickness of not less than 1.2 mils.
 - 1) Moore: Regal First Coat Interior Latex Primer & Underbody #216
 - 2) PPG: 17-10 Quick-Drying Interior Latex Primer Sealer.
 - b. Finish Coat: Flat, acrylic-latex- interior paint applied at spreading rate recommended by the manufacturer to achieve a total dry film thickness of not less than 1.3 mils.
 - 1) Moore: Regal Wall Satin #215AquaGlo Vinyl-Acrylic Latex enamel #333
 - 2) PPG: 80 Line Wallhide Interior Wall Flat Latex

B. SYSTEM NO. 3

1. Semi-gloss alkyd enamel over steel surfaces:
 - a. Apply to steel surfaces scheduled to be painted, at the following locations:
 - 1) Steel doors and frames not included in Systems 12 or 13.
 - 2) Steel stair components, ladders, railings, and handrails.
 - 3) Metal trim and other miscellaneous items including mechanical and electrical.
2. Provide one finish coat over an undercoat and an alkyd or latex primer. Except for touch up, primer is not required over shop-primed items.
 - a. Alkyd Primer: Quick drying, rust inhibitive, alkyd based or epoxy metal primer, as recommended by the manufacturer for this substrate, applied at a rate recommended by the manufacturer to achieve a dry film thickness of not less than 1.5 mils.
 - 1) Moore: IronClad Retardo Rust inhibitive paint #163
 - 2) PPG: 6-208 Speedhide Interior/Exterior rust inhibitive steel primer.

- 3) S-W: Kem Kromik Metal Primer B50N2/B50W1
- b. Latex Primer: Alkyd-modified, acrylic, rust inhibitive latex primer, as recommended by the manufacturer for this substrate, applied at a rate recommended by the manufacturer to achieve a dry film thickness of not less than 1.5 mils.
 - 1) Moore: Retard-X do Rust inhibitive Latex primer #162
 - 2) PPG: 6-208 Red inhibitive metal primer.
- c. Undercoat: Alkyd interior enamel undercoat or semi-gloss interior alkyd enamel finish coat, Alkyd Primer: Quick drying, rust inhibitive, alkyd based or epoxy metal primer, as recommended by the manufacturer for this substrate, applied at a rate recommended by the manufacturer to achieve a dry film thickness of not less than 1.2 mils.
 - 1) Moore: Moore's alkyd Enamel Underbody #217
 - 2) PPG: 6-6 Speedhide Interior Quick Drying Enamel Undercoater
 - 3) S-W: Pro-Mar 200 Interior Alkyd Semi-Gloss Enamel B34W200
- d. Finish Coat: Low -odor, semi-gloss, alkyd interior enamel applied at, a spreading rate as recommended by the manufacturer for this substrate, to achieve a dry film thickness of not less than 1.4 mils.
 - 1) Moore: Alkyd Dulamel #207
 - 2) PPG: 27 Line Wallhide Low Odor Interior Enamel Wall and Trim Semi-Gloss Oil
 - 3) S-S: Classic 99 Interior/Exterior Semi-gloss Alkyd Enamel A-40 Series.

END OF SECTION 09912

PART IV - REPRESENTATIONS AND INSTRUCTIONS**SECTION K - REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS OR QUOTERS****K.1 52.203-02 CERTIFICATE OF INDEPENDENT PRICE DETERMINATION (APR 1985)**

(a) The offeror certifies that-

- (1) The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other offeror or competitor relating to-
 - (i) Those prices;
 - (ii) The intention to submit an offer;, or
 - (iii) The methods or factors used to calculate the prices offered.
- (2) The prices in this offer have not been and will not be knowingly disclosed by the offeror, directly or indirectly, to any other offeror or competitor before bid opening (in the case of a sealed bid solicitation) or contract award (in the case of a negotiated solicitation) unless otherwise required by law; and
- (3) No attempt has been made or will be made by the offeror to induce any other concern to submit or not to submit an offer for the purpose of restricting competition.

(b) Each signature on the offer is considered to be a certification by the signatory that the signatory-

- (1) Is the person in the offeror's organization responsible for determining the prices being offered in this bid or proposal, and that the signatory has not participated and will not participate in any action contrary to subparagraph (a)(1) through (a)(3) above; or
- (2)
 - (i) Has been authorized, in writing, to act as agent for the following principals in certifying that those principals have not participated, and will not participate in any action contrary to subparagraphs (a)(1) through (a)(3) above ***[insert full name of person(s) in the offeror's organization responsible for determining the prices offered in this bid or proposal, and the title of his or her position in the offeror's organization]***; and
 - (ii) As an authorized agent, does certify that the principals named in subdivision (b)(2)(i) above have not participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above; and
 - (iii) As an agent, has not personally participated, and will not participate, in any action contrary to subparagraphs (a)(1) through (a)(3) above.

(c) If the offeror deletes or modifies subparagraph (a)(2) above, the offeror must furnish with its offer a signed statement setting forth in detail the circumstances of the disclosure.

K.2 52.203-11 CERTIFICATION AND DISCLOSURE REGARDING PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS (SEP 2007)

- (a) Definitions. As used in this provision – “Lobbying contact” has the meaning provided at 2 USC 1602(8). The terms “agency”, “influencing or attempting to influence”, “officer or employee of an agency”, “person”, “reasonable compensation”, and “regularly employed” are defined in the FAR clause of this solicitation entitled Limitation on Payments to Influence Certain Federal Transactions (52.203-12).
- (b) Prohibition. The prohibition and exceptions contained in the FAR clause of this solicitation entitled “Limitation on Payments to Influence Certain Federal Transactions” (52.203-12) are hereby incorporated by reference in this provision.
- (c) Certification. The offeror, by signing its offer, hereby certifies to the best of his or her knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a member of Congress on its behalf in connection with the awarding of this contract.
- (d) Disclosure. If any registrants under the Lobbying Disclosure Act of 1995 have made a lobbying contract on behalf of the offeror with respect to this contract, the offeror shall complete and submit, with its officer, OMB Standard Form LLL, Disclosure of Lobbying Activities, to provide the name of the registrants. The offeror need not report regularly employed officers or employees of the offeror to whom payments of reasonable compensation were made.
- (e) Penalty. Submission of this certification and disclosure is a prerequisite for making or entering into this contract imposed by 31 USC 1352. Any persons who makes an expenditure prohibited under this provision or who fails to file or amend the disclosure required to be filed or amended by this provision, shall be subject to a civil penalty of not less than \$10,000, and not more than \$150,000, for each failure.

K.3 52.204-3 TAXPAYER IDENTIFICATION (OCT 98)

(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: _____

TIN has been applied for.

TIN is not required because:

Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the U.S. and does not have an office or place of business or a fiscal paying agent in the U.S.;

Offeror is an agency or instrumentality of a foreign government;

Offeror is an agency or instrumentality of the Federal Government.

(e) Type of Organization.

Sole Proprietorship;

Partnership;

Corporate Entity (not tax exempt);

Corporate Entity (tax exempt);

Government entity (Federal, State, or local);

Foreign government;
 International organization per 26 CFR 1.6049-4;
 Other _____

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

52.204-8 Annual Representations and Certifications.

As prescribed in [4.1202](#), insert the following provision:

ANNUAL REPRESENTATIONS AND CERTIFICATIONS (MAY 2011)

- (a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 561730
- (2) The small business size standard is 7M.
- (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 _____ employees.
- (b)(1) If the clause at [52.204-7](#), Central Contractor Registration, is included in this solicitation, paragraph (d) of this provision applies.
- (2) If the clause at [52.204-7](#) is not included in this solicitation, and the offeror is currently registered in CCR, and has completed the ORCA 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 ORCA 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 clause at [52.204-7](#), Central Contractor Registration.
- (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, or 2010.
- (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, Alternate I, and Alternate II) 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 \$67,826, the provision with its Alternate II 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 Engaging in Sanctioned Activities Relating to Iran—Certification. 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:

___ (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 Online Representations and Certifications Application (ORCA) website at <http://orca.bpn.gov>. After reviewing the ORCA 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
_____	_____	_____	_____

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 ORCA.

(End of provision)

K. 5 Reserved

K.6. [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.

K.7 52.225-20 PROHIBITION ON CONDUCTING RESTRICTED BUSINESS OPERATIONS IN SUDAN—
CERTIFICATION (AUG 2009)

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

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

“Marginalized populations of Sudan” means—

- (1) Adversely affected groups in regions authorized to receive assistance under section 8(c) of the Darfur Peace and Accountability Act (Pub. L. 109-344) (50 U.S.C. 1701 note); and
- (2) Marginalized areas in Northern Sudan described in section 4(9) of such Act.

“Restricted business operations” means business operations in Sudan that include power production activities, mineral extraction activities, oil-related activities, or the production of military equipment, as those terms are defined in the Sudan Accountability and Divestment Act of 2007 (Pub. L. 110-174). Restricted business operations do not include business operations that the person conducting the business can demonstrate—

- (1) Are conducted under contract directly and exclusively with the regional government of southern Sudan;
- (2) Are conducted pursuant to specific authorization from the Office of Foreign Assets Control in the Department of the Treasury, or are expressly exempted under Federal law from the requirement to be conducted under such authorization;
- (3) Consist of providing goods or services to marginalized populations of Sudan;
- (4) Consist of providing goods or services to an internationally recognized peacekeeping force or humanitarian organization;
- (5) Consist of providing goods or services that are used only to promote health or education; or

(6) Have been voluntarily suspended.

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

K.8 RESERVED

K.9 652.225-70 ARAB LEAGUE BOYCOTT OF ISRAEL (AUG 1999)

(a) DEFINITIONS. As used in this provision:

Foreign person means any person other than a United States person as defined below.

United States person means any United States resident or national (other than an individual resident outside the United States and employed by other than a United States person), any domestic concern (including any permanent domestic establishment of any foreign concern), and any foreign subsidiary or affiliate (including any permanent foreign establishment) of any domestic concern which is controlled in fact by such domestic concern, as provided under the Export Administration Act of 1979, as amended.

(b) CERTIFICATION. By submitting this offer, the offeror certifies that it is not:

- (1) Taking or knowingly agreeing to take any action, with respect to the boycott of Israel by Arab League countries, which Section 8(a) of the Export Administration Act of 1979, as amended (50 U.S.C. 2407(a)) prohibits a United States person from taking; or,
- (2) Discriminating in the award of subcontracts on the basis of religion.

K.10 652.228-70 DEFENSE BASE ACT – COVERED CONTRACTOR EMPLOYEES (JUN 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:

Category	Yes/No	Number
(1) United States citizens or residents		_____
(2) Individuals hired in the United States, regardless of citizenship		_____

<p>(3) Local nationals or third country nationals where contract performance takes place in a country where there are no local workers' compensation laws</p>		<p>Local nationals: <u> </u></p> <p>Third Country Nationals: <u> </u></p>
<p>(4) Local nationals or third country nationals where contract performance takes place in a country where there are local workers' compensation laws</p>	<p>Not applicable in Iraq</p>	<p>Local nationals: <u> </u></p> <p>Third Country Nationals: <u> </u></p>

(b) The contracting officer has determined that for performance in the country of Iraq –

- 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) If the bidder/offeror has indicated “yes” in blocks (a)(1), (2), or (3) of this provision, the bidder/offeror shall compute Defense Base Act insurance costs covering those employees pursuant to the terms of the contract between the Department of State and the Department's Defense Base Act insurance carrier at the rates specified in DOSAR 652.228-74, Defense Base Act Insurance Rates – Limitation. If DOSAR provision 652.228-74 is not included in this solicitation, the bidder/offeror shall notify the contracting officer before the closing date so that the solicitation can be amended accordingly.

(End of provision)

K.11. 52.209-2 Prohibition on Contracting with Inverted Domestic Corporations—Representation. (May 2011)

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

(b) *Relation to Internal Revenue Code.* An inverted domestic corporation as herein defined does not meet the definition of an inverted domestic corporation as defined by the Internal Revenue Code at 26 U.S.C. 7874 .

(c) *Representation*. By submission of its offer, the offeror represents that—

- (1) It is not an inverted domestic corporation; and
- (2) It is not a subsidiary of an inverted domestic corporation.

(End of provision)

K.12 52.209-5 CERTIFICATION REGARDING RESPONSIBILITY MATTERS (APR 2010)

(a)(1) The Offeror certifies, to the best of its knowledge and belief, that—

(i) The Offeror and/or any of its Principals—

(A) Are or are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(B) Have or have not, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) contract or subcontract; violation of Federal or State antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen property (if offeror checks “have”, the offeror shall also see [52.209-7](#), if included in this solicitation);

(C) Are or are not presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in paragraph (a)(1)(i)(B) of this provision;

(D) Have or, have not, within a three-year period preceding this offer, been notified of any delinquent Federal taxes in an amount that exceeds \$3,000 for which the liability remains unsatisfied.

(1) Federal taxes are considered delinquent if both of the following criteria apply:

(i) *The tax liability is finally determined*. The liability is finally determined if it has been assessed. A liability is not finally determined if there is a pending administrative or judicial challenge. In the case of a judicial challenge to the liability, the liability is not finally determined until all judicial appeal rights have been exhausted.

(ii) *The taxpayer is delinquent in making payment*. A taxpayer is delinquent if the taxpayer has failed to pay the tax liability when full payment was due and required. A taxpayer is not delinquent in cases where enforced collection action is precluded.

(2) *Examples*.

(i) The taxpayer has received a statutory notice of deficiency, under I.R.C. § 6212, which entitles the taxpayer to seek Tax Court review of a proposed tax deficiency. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek Tax Court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(ii) The IRS has filed a notice of Federal tax lien with respect to an assessed tax liability, and the taxpayer has been issued a notice under I.R.C. § 6320 entitling the taxpayer to request a hearing with the IRS Office of Appeals contesting the lien filing, and to further appeal to the Tax Court if the IRS determines to sustain the lien filing. In the course of the hearing, the taxpayer is entitled to contest the underlying tax liability because the taxpayer has had no prior opportunity to contest the liability. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek tax court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(iii) The taxpayer has entered into an installment agreement pursuant to I.R.C. § 6159. The taxpayer is making timely payments and is in full compliance with the agreement terms. The taxpayer is not delinquent because the taxpayer is not currently required to make full payment.

(iv) The taxpayer has filed for bankruptcy protection. The taxpayer is not delinquent because enforced collection action is stayed under 11 U.S.C. 362 (the Bankruptcy Code).

(ii) The Offeror has o has not o, within a three-year period preceding this offer, had one or more contracts terminated for default by any Federal agency.

(2) "Principal," for the purposes of this certification, means an officer, director, owner, partner, or a person having primary management or supervisory responsibilities within a business entity (*e.g.*, general manager; plant manager; head of a division or business segment; and similar positions).

This Certification Concerns a Matter Within the Jurisdiction of an Agency of the United States and the Making of a False, Fictitious, or Fraudulent Certification May Render the Maker Subject to Prosecution Under Section 1001, Title 18, United States Code.

(b) The Offeror shall provide immediate written notice to the Contracting Officer if, at any time prior to contract award, the Offeror learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

(c) A certification that any of the items in paragraph (a) of this provision exists will not necessarily result in withholding of an award under this solicitation. However, the certification will be considered in connection with a determination of the Offeror's responsibility. Failure of the Offeror to furnish a certification or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsible.

(d) Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by paragraph (a) of this provision. The knowledge and information of an Offeror is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

(e) The certification in paragraph (a) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly

rendered an erroneous certification, in addition to other remedies available to the Government, the Contracting Officer may terminate the contract resulting from this solicitation for default.

(End of provision)

K.13 52.225-25 Prohibition on Engaging in Sanctioned Activities Relating to Iran – Certification (SEP 2010)

(a) *Definition.*

“Person”—

(1) Means—

- (i) A natural person;
- (ii) A corporation, business association, partnership, society, trust, financial institution, insurer, underwriter, guarantor, and any other business organization, any other nongovernmental entity, organization, or group, and any governmental entity operating as a business enterprise; and
- (iii) Any successor to any entity described in paragraph (1)(ii) of this definition; and

(2) Does not include a government or governmental entity that is not operating as a business enterprise.

(b) *Certification.* Except as provided in paragraph (c) of this provision or if a waiver has been granted in accordance with FAR 25.703-2(d), by submission of its offer, the offeror certifies that the offeror, or any person owned or controlled by the offeror, does not engage in any activities for which sanctions may be imposed under section 5 of the Iran Sanctions Act of 1996. These sanctioned activities are in the areas of development of the petroleum resources of Iran, production of refined petroleum products in Iran, sale and provision of refined petroleum products to Iran, and contributing to Iran’s ability to acquire or develop certain weapons.

(c) *Exception for trade agreements.* The certification requirement of paragraph (b) of this provision does not apply if—

- (1) This solicitation includes a trade agreements certification (*e.g.*, [52.225-4](#), [52.225-11](#) or comparable agency provision); and
- (2) The offeror has certified that all the offered products to be supplied are designated country end products or designated country construction material.

(End of provision)

SECTION L - INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS OR QUOTERS

L.1 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/search.htm>

These addresses are subject to change. If the Federal Acquisition Regulation (FAR) is not available at the locations indicated above, use of an Internet "search engine" (such as, Yahoo, Infoseek, Alta Vista, etc.) is suggested to obtain the latest location of the most current FAR.

<http://www.statebuy.state.gov/>

FEDERAL ACQUISITION REGULATION (48 CFR CH. 1)

52.204-6	CONTRACTOR IDENTIFICATION NUMBER-DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER	APR 2008
52.214-34	SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE	APR 1991
52.215-1	INSTRUCTIONS TO OFFERORS – COMPETITIVE ACQUISITION	JAN 2004
52.236-28	PREPARATION OF PROPOSALS – CONSTRUCTION	OCT 1997

L.2 SOLICITATION PROVISIONS IN FULL TEXT

52.216-1 TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a firm fixed price contract resulting from this solicitation.

52.233-2 SERVICE OF PROTEST (SEPT 2006)

- (a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the General Accounting Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from BaghdadGSOProcBid@state.gov.
- (b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

L.3 QUALIFICATIONS OF OFFERORS

Offerors must be technically qualified and financially responsible to perform the work described in this solicitation. At a minimum, each Offeror 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 for company and Project manager;
- (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 a performance and guarantee bond and a payment bond, or to post adequate performance security, such as 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.

L.4 REVIEW OF DOCUMENTS

Each Offeror is responsible for:

- (1) Obtaining a complete set of contract drawings and specifications;
- (2) Thoroughly reviewing such documents and understanding their requirements;

- (3) Visiting the project site and becoming familiar with all working conditions, local laws and regulations; and
- (4) Determining that all materials, equipment and labor required for the work are available.

Any ambiguity in the solicitation, including specifications and contract drawings, must be reported immediately to the Contracting Officer. Any prospective Offeror who requires a clarification, explanation or interpretation of the contract requirements must make a request to the Contracting Officer not less than ten working days before the closing date of the solicitation. Offerors may rely ONLY upon written interpretations by the Contracting Officer.

L.5 SUBMISSION OF OFFERS

L.5.1 SUMMARY OF INSTRUCTIONS

Each offer shall consist of the following physically separate volumes:

Volume	Title	No. of Copies*
I	Executed Standard Form 1442, <i>Solicitation, Offer and Award (Construction, Alteration, or Repair)</i> , and completed Section K	One
II	Price Proposal and Completed Section B. The price proposal shall include a completed Section J, Attachment 4, "Breakdown of Proposal Price by Divisions of Specifications".	One
III	Performance schedule in the form of a "bar chart" and Business Management/Technical Proposal.	One

Submit the complete offer to the address indicated at Block 7 of Standard Form (SF) 1442, if mailed, or the address set forth below, if hand delivered (if this is left blank, the address is the same as that in Block 7 of SF 1442).

In a sealed envelope marked for the attention of the "**Contracting Officer – Proposal S-IZ100-12-R-0008 Enclosed**", which may be delivered to the Embassy Red CAC on Al Kindi Street between 0800 and 1500 on regular business days (Sunday to Thursday). No proposal will be accepted after the cut-off date and time.

If submitted in electronic format submit the offer to BaghdadGSOProcBid@state.gov in .pdf format. Please ensure that each file does not exceed 2mb. If your proposal is bigger than the stipulated size you must submit multiple emails clearly marking the solicitation number as well as the file number (example : Proposal for Solicitation S-IZ100-12-R-0008 part 1 of 3).

The offeror shall identify and explain/justify any deviations, exceptions, or conditional assumptions taken with respect to any of the instructions or requirements of this

solicitation in the appropriate volume of the offer.

L.5.2 DETAILED INSTRUCTIONS

L.5.2.1 Volume I: Standard Form (SF) 1442 and Section K. Complete blocks 14 through 20C of the SF 1442 and all of Section K.

L.5.2.2 Volume II: Price proposal and Section B. The price proposal shall consist of completion of Section B and Section J, Attachment 4, "BREAKDOWN OF PROPOSAL PRICE BY DIVISIONS OF SPECIFICATIONS. Complete all applicable portions of this form in each relevant category (such as, labor, materials, etc.).

L.5.2.3 Volume III: 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 contract completion 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 four 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; and
- (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.

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;
- (4) Contract dollar value;
- (5) Brief description of the work, including responsibilities;
- (6) Comparability to the work under this solicitation;
- (7) Brief discussion of any major technical problems and their resolution;
- (8) Method of acquisition (fully competitive, partially competitive, or noncompetitive), and the basis for award (cost/price, technical merit, etc.);

- (9) Cost/price management history, including any cost overruns and under runs, and cost growth and changes;
- (10) Percent turnover of contract key technical personnel per year; and
- (11) Any terminations (partial or complete) and the reason (convenience or default)
- (12) Identify any accidents or safety concerns that occurred and resolution.

LICENSES

- (1) A copy of the company registration with the Iraqi Ministry of Trade, or
- (2) For foreign companies, a copy of the company registration with the Foreign Companies Section of the Iraqi Ministry of Trade,

INSURANCE & PAYMENT PROTECTION INFORMATION

- (1) A statement identifying the insurance company from which the general liability insurance policy will be purchased if awarded the contract,
- (2) A statement identifying the bank which will issue the bank guaranty letter if awarded the contract.

L.6 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) A site visit has been scheduled for **10:00 on Sunday January 15, 2012.**
- (c) Participants will meet at the U. S. Embassy, Red CAC on Al Kindi Street, International Zone, Baghdad, Iraq.
- (d) In order to be admitted to the Site Visit, a Site Visit Registration form must be submitted by email to this address BaghdadGSOProcurement@state.gov to the attention of the Contracting Specialist no later than 12:00 on Wednesday, January 11, 2012. No more than 1 person will be admitted from each company. The form is available for download from the Embassy web site at http://iraq.usembassy.gov/gso_procurement.html or you may request a copy of the form by email at BaghdadGSOProcurement@state.gov.
- (e) Questions after the site visit may be sent by email to BaghdadGSOProcurement@state.gov no later than 12:00 noon Baghdad time on January 17, 2012. Answers to all questions will be posted on the Embassy's procurement web site at BaghdadGSOProcurement@state.gov, on the solicitation page the questions pertain to.
- (f) One set of drawings, listed as Attachment 5 to Section J will be provided to each company at the site visit/pre-proposal conference.

L.7 652.206-70 COMPETITION ADVOCATE/OMBUDSMAN (AUG 1999) (DEVIATION)

- a) The Department of State's Competition Advocate is responsible for assisting industry in removing restrictive requirements from Department of State solicitations and removing barriers to full and open competition and use of commercial items. If such a solicitation is considered competitively restrictive or does not appear properly conducive to competition and commercial practices, potential offerors are encouraged to first contact the contracting office for the respective solicitation. If concerns remain unresolved, contact the Department of State Competition Advocate on (703) 516-1693, by fax at (703) 875-6155, or write to: U.S. Department of State, Competition Advocate, Office of the Procurement Executive (A/OPE), Suite 900, SA-27, Washington, DC 20522-2712.
- (b) The Department of State's Acquisition Ombudsman has been appointed to hear concerns from potential offerors and contractors during the pre-award and post-award phases of this acquisition. The role of the ombudsman is not to diminish the authority of the contracting officer, the Technical Evaluation Panel or Source Evaluation Board, or the selection official. The purpose of the ombudsman is to facilitate the communication of concerns, issues, disagreements, and recommendations of interested parties to the appropriate Government personnel, and work to resolve them. When requested and appropriate, the ombudsman will maintain strict confidentiality as to the source of the concern. The ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of formal contract disputes. Interested parties are invited to contact the contracting activity ombudsman, Management Counselor, at email BaghdadGSOProcurement@state.gov. For an American Embassy or overseas post, refer to the numbers below for the Department Acquisition Ombudsman. Concerns, issues, disagreements, and recommendations which cannot be resolved at a contracting activity level may be referred to the Department of State Acquisition Ombudsman at (703) 516-1693, by fax at (703) 875-6155, or write to: Department of State, Acquisition Ombudsman, Office of the Procurement Executive (A/OPE), Suite 900, SA-27, Washington, DC 20522-2712.

(End of provision)

652.228-74 DEFENSE BASE ACT INSURANCE RATES - LIMITATION (JUN 2006)

(a) The Department of State has entered into a contract with an insurance carrier to provide Defense Base Act (DBA) insurance to Department of State covered contractor employees at a contracted rate. For the purposes of this provision, "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 worker's compensation laws.

(b) In preparing the cost proposal, the bidder/offeror shall use the following rates in computing the cost for DBA insurance:

Services @ \$4.00 of compensation; or

Construction @ \$5.50 of compensation.

(c) Bidders/Offerors shall compute the total compensation (direct salary plus differential, but excluding per diem, housing allowance and other miscellaneous allowances) to be paid to covered contractor employees and the cost of DBA insurance in their bid/proposal using the foregoing rate. Bidders/offerors shall include the estimated DBA insurance costs in their proposed fixed price or estimated cost. However, the DBA insurance costs shall be identified in a separate line item in the bid/proposal.

(End of provision)

L.8 MAGNITUDE OF CONSTRUCTION PROJECT

It is anticipated that the range in price of this contract will be: between \$100,000 and \$250,000.

L.9 FINANCIAL STATEMENT

If asked by the Contracting Officer, the offeror shall provide a current statement of its financial condition, certified by a third party, that includes:

Income (profit-loss) Statement that shows profitability for the past Two (2) years;

Balance Sheet that shows the assets owned and the claims against those assets, or what a firm owns and what it owes; and

Cash Flow Statement that shows the firm's sources and uses of cash during the most recent accounting period. This will help the Government assess a firm's ability to pay its obligations.

The Government will use this information to determine the offeror's financial responsibility and ability to perform under the contract. Failure of an offeror to comply with a request for this information may cause the Government to determine the offeror to be nonresponsible.

SECTION M - EVALUATION FACTORS FOR AWARD

M.1 EVALUATION OF PROPOSALS

M.1.1 GENERAL. To be acceptable and eligible for evaluation, proposals must be prepared in accordance with Section L - INSTRUCTIONS, CONDITIONS AND NOTICES TO OFFERORS, and must meet all the requirements set forth in the other sections of this solicitation.

M.1.2 BASIS FOR AWARD.

The Government intends to award a contract resulting from this solicitation to the lowest priced, technically acceptable offeror who is a responsible contractor. The evaluation procedures are set forth below:

- (a) INITIAL EVALUATION. The Government will evaluate all proposals received to ensure that each proposal is complete in terms of submission of each required volume, as specified in Section L. The Government may reject proposals which are missing a significant amount of the required information.
- (b) TECHNICAL EVALUATION. After the Initial Evaluation, the Government will review those proposals remaining for consideration to determine technical acceptability. The Government will consider the following evaluation criteria in determining the acceptability of the technical proposal. To be considered technically acceptable, the technical proposal must provide the information requested in Section L and conform to the requirements of the solicitation.
 - The Proposed Work Information described in L.5.2.3(b).
 - The qualifications and experience of the offeror's proposed project superintendent and subcontractors.
 - Experience and Past Performance (L.5.2.3.(b)). The Government may contact references to verify the quality of the past performance.
 - The performance schedule (bar chart) (Section L.5.2.3.).
 - Responses to all other technical requirements contained in the solicitation.
- (c) The Government will make a responsibility determination by analyzing whether the apparent successful offeror complies with the requirements of FAR 9.1, including:
 - adequate financial resources or the ability to obtain them;
 - 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
- be otherwise qualified and eligible to receive an award under applicable laws and regulations.

The Government reserves the right to reject proposals that are unreasonably low or high in price. Unsuccessful offerors will be notified in accordance with FAR 15.5.

M.1.3 AWARD SELECTION

The Government will review the prices of all technically acceptable firms and award the contract to the lowest priced, technically acceptable, responsible offeror.

M.2 AWARD WITH OR WITHOUT DISCUSSIONS

Under FAR provision 52.215-1 (included in Section L of this RFP), award of this contract may be made based on initial proposals and without holding discussions, following FAR 15.306(a)(3). However, the Government may elect to make award with discussions if it is determined to be in the Government's best interest.

COMPETITIVE RANGE DETERMINATION AND REJECTION OF OFFERS

If the Government elects to make award with discussions, it reserves the right, before requesting a final proposal revision, to: 1) limit the number of offerors in the competitive range to the greatest number of proposals that will permit an adequate competition among the technically acceptable proposals; 2) make more than one competitive range determination; 3) conduct more than one round of discussions; and 4) conduct more than one round of proposal revisions.

The Government reserves the right to reject an offer if one of the following conditions exists:

- a. Offeror fails to submit any of the required proposal documents required by Section L;
- b. Offeror submits a cost/price proposal that cannot be adequately explained or substantiated;
- c. Offeror submits an offer that could not be made technically acceptable without a major rewrite.
- d. Offeror submits an offer electronically to any email address other than to BaghdadGSOProcBid@state.gov

- e. The offeror does not provide proof that it has the permits and licenses to legally conduct business in Iraq (See section J.B. Volume II- Licenses)

M.3 52.225-17 EVALUATION OF FOREIGN CURRENCY OFFERS (FEB 2000):

If the Government receives offers in more than one currency, the Government will evaluate offers by converting the foreign currency to United States currency using the exchange rate used by the Embassy in effect as follows:

- (a) For acquisitions conducted using sealed bidding procedures, on the date of bid opening.
- (b) For acquisitions conducted using negotiation procedures—
 - (1) On the date specified for receipt of offers, if award is based on initial offers; otherwise
 - (2) On the date specified for receipt of proposal revisions.

M.4 SEPARATE CHARGES

Separate charges, in any form, are not solicited. For example, any charges for failure to exercise an option are unacceptable.