

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO. 0005		3. EFFECTIVE DATE 16-Jun-2011	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable) 10-SW002A1
6. ISSUED BY AFGHANISTAN DISTRICT SOUTH (AES) US ARMY CORPS OF ENGINEERS APO AE 09355		CODE W5J9LE	7. ADMINISTERED BY (If other than item 6) See Item 6		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			X	9A. AMENDMENT OF SOLICITATION NO. W5J9LE-11-B-0002	
			X	9B. DATED (SEE ITEM 11) 19-May-2011	
				10A. MOD. OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
1. Project: 215th Brigade Garrison - Delaram, Nimruz Province, Afghanistan. 2. Purpose of this amendment is to change the bid schedule and specifications so that the steel required for the Arch-span buildings will be Government furnished instead of Contractor furnished. Purpose is to also answer bidder inquiry questions. See Summary of Changes for specifics. 3. The bid due date remains 22 June 2011 at 2:00pm (local time). 4. Point of Contact for this amendment is Jefferey Ball at jefferey.a.ball@usace.army.mil. 5. This solicitation is subject to availability of funds.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			TEL: _____ EMAIL: _____		
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED
_____ (Signature of person authorized to sign)			BY _____ (Signature of Contracting Officer)		16-Jun-2011

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

AMENDMENT 0005**AMENDMENT 0005 SUMMARY OF CHANGES**

1. FAR Clause 52.211-18 has been removed.
2. FAR Clause 52.245-1 has been added.
3. Paragraph 2.1 (Control of Government Furnished Material) has been added to section 01060.
4. Paragraph 1.11 (Government Furnished Material) has been added to Section 01010.
5. Paragraph 2.51 (Estimated Arch Span Steel Required) has been deleted from Section 01010.
6. Visitor Request Form for access to FOB Lindsey has been provided.
7. A revised bid schedule has been provided. CLINs 0001AH and 0001AG have been removed.
The steel needed for Arch-Span construction is now Government Furnished Material.
8. Drawing set S09 – Storage Building, is provided.

SECTION 00010 - SOLICITATION CONTRACT FORM

The following have been deleted:

BID SCHEDULE

SECTION 00700 - CONTRACT CLAUSES

The following have been added by full text:

52.245-1 GOVERNMENT PROPERTY (AUG 2010)

(a) Definitions. As used in this clause--

Acquisition cost means the cost to acquire a tangible capital asset including the purchase price of the asset and costs necessary to prepare the asset for use. Costs necessary to prepare the asset for use include the cost of placing the asset in location and bringing the asset to a condition necessary for normal or expected use.

Cannibalize means to remove parts from Government property for use or for installation on other Government property.

Contractor-acquired property means property acquired, fabricated, or otherwise provided by the Contractor for performing a contract, and to which the Government has title.

Contractor inventory means--

(1) Any property acquired by and in the possession of a Contractor or subcontractor under a contract for which title is vested in the Government and which exceeds the amounts needed to complete full performance under the entire contract;

(2) Any property that the Government is obligated or has the option to take over under any type of contract, e.g., as a result either of any changes in the specifications or plans thereunder or of the termination of the contract (or subcontract thereunder), before completion of the work, for the convenience or at the option of the Government; and

(3) Government-furnished property that exceeds the amounts needed to complete full performance under the entire contract.

Contractor's managerial personnel means the Contractor's directors, officers, managers, superintendents, or equivalent representatives who have supervision or direction of—

(1) All or substantially all of the Contractor's business;

(2) All or substantially all of the Contractor's operation at any one plant or separate location; or

(3) A separate and complete major industrial operation.

Demilitarization means rendering a product unusable for, and not restorable to, the purpose for which it was designed or is customarily used.

Discrepancies incident to shipment means any differences (e.g., count or condition) between the items documented to have been shipped and items actually received.

Equipment means a tangible item that is functionally complete for its intended purpose, durable, nonexpendable, and needed for the performance of a contract. Equipment is not intended for sale, and does not ordinarily lose its identity or become a component part of another article when put into use. Equipment does not include material, real property, special test equipment or special tooling.

Government-furnished property includes, but is not limited to, spares and property furnished for repair, maintenance, overhaul, or modification. Government-furnished property also includes contractor-acquired property if the contractor-acquired property is a deliverable under a cost contract when accepted by the Government for continued use under the contract.

Government property means all property owned or leased by the Government. Government property includes both Government-furnished and Contractor-acquired property. Government property includes material, equipment, special tooling, special test equipment, and real property. Government property does not include intellectual property and software.

Material means property that may be consumed or expended during the performance of a contract, component parts of a higher assembly, or items that lose their individual identity through incorporation into an end item. Material does not include equipment, special tooling and special test equipment or real property.

Nonseverable means property that cannot be removed after construction or installation without substantial loss of value or damage to the installed property or to the premises where installed.

Precious metals means silver, gold, platinum, palladium, iridium, osmium, rhodium, and ruthenium.

Property means all tangible property, both real and personal.

Property Administrator means an authorized representative of the Contracting Officer appointed in accordance with agency procedures, responsible for administering the contract requirements and obligations relating to Government property in the possession of a Contractor.

Property records means the records created and maintained by the contractor in support of its stewardship responsibilities for the management of Government property.

Provide means to furnish, as in Government-furnished property, or to acquire, as in contractor-acquired property.

Real property. See Federal Management Regulation 102-71.20 (41 CFR 102-71.20).

Sensitive property means property potentially dangerous to the public safety or security if stolen, lost, or misplaced, or that shall be subject to exceptional physical security, protection, control, and accountability. Examples include weapons, ammunition, explosives, controlled substances, radioactive materials, hazardous materials or wastes, or precious metals.

Surplus property means excess personal property not required by any Federal agency as determined by the Administrator of the General Services Administration (GSA).

(b) Property management. (1) The Contractor shall have a system to manage (control, use, preserve, protect, repair and maintain) Government property in its possession. The system shall be adequate to satisfy the requirements of this clause. In doing so, the Contractor shall initiate and maintain the processes, systems, procedures, records, and methodologies necessary for effective control of Government property, consistent with voluntary consensus standards and/or industry-leading practices and standards for Government property management except where inconsistent with law or regulation. During the period of performance, the Contractor shall disclose any significant changes to their property management system to the Property Administrator prior to implementation.

(2) The Contractor's responsibility extends from the initial acquisition and receipt of property, through stewardship, custody, and use until formally relieved of responsibility by authorized means, including delivery, consumption, expending, sale (as surplus property), or other disposition, or via a completed investigation, evaluation, and final determination for lost, stolen, damaged, or destroyed property. This requirement applies to all Government property under the Contractor's accountability, stewardship, possession or control, including its vendors or subcontractors (see paragraph (f)(1)(v) of this clause).

(3) The Contractor shall include the requirements of this clause in all subcontracts under which Government property is acquired or furnished for subcontract performance.

(c) Use of Government property.

(1) The Contractor shall use Government property, either furnished or acquired under this contract, only for performing this contract, unless otherwise provided for in this contract or approved by the Contracting Officer.

(2) Modifications or alterations of Government property are prohibited, unless they are--

(i) Reasonable and necessary due to the scope of work under this contract or its terms and conditions;

(ii) Required for normal maintenance; or

(iii) Otherwise authorized by the Contracting Officer.

(3) The Contractor shall not cannibalize Government property unless otherwise provided for in this contract or approved by the Contracting Officer.

(d) Government-furnished property. (1) The Government shall deliver to the Contractor the Government-furnished property described in this contract. The Government shall furnish related data and information needed for the intended use of the property. The warranties of suitability of use and timely delivery of Government-furnished property do not apply to property acquired or fabricated by the Contractor as contractor-acquired property and subsequently transferred to another contract with this Contractor.

(2) The delivery and/or performance dates specified in this contract are based upon the expectation that the Government-furnished property will be suitable for contract performance and will be delivered to the Contractor by the dates stated in the contract.

(i) If the property is not delivered to the Contractor by the dates stated in the contract, the Contracting Officer shall, upon the Contractor's timely written request, consider an equitable adjustment to the contract.

(ii) In the event property is received by the Contractor, or for Government-furnished property after receipt and installation, in a condition not suitable for its intended use, the Contracting Officer shall, upon the Contractor's timely written request, advise the Contractor on a course of action to remedy the problem. Such action may include repairing, replacing, modifying, returning, or otherwise disposing of the property at the Government's expense. Upon completion of the required action(s), the Contracting Officer shall consider an equitable adjustment to the contract (see also paragraph (f)(1)(ii)(A) of this clause).

(iii) The Government may, at its option, furnish property in an "as-is" condition. The Contractor will be given the opportunity to inspect such property prior to the property being provided. In such cases, the Government makes no warranty with respect to the serviceability and/or suitability of the property for contract performance. Any repairs, replacement, and/or refurbishment shall be at the Contractor's expense.

(3)(i) The Contracting Officer may by written notice, at any time--

(A) Increase or decrease the amount of Government-furnished property under this contract;

(B) Substitute other Government-furnished property for the property previously furnished, to be furnished, or to be acquired by the Contractor for the Government under this contract; or

(C) Withdraw authority to use property.

(ii) Upon completion of any action(s) under paragraph (d)(3)(i) of this clause, and the Contractor's timely written request, the Contracting Officer shall consider an equitable adjustment to the contract.

(e) Title to Government property. (1) The Government shall retain title to all Government-furnished property. Title to Government property shall not be affected by its incorporation into or attachment to any property not owned by the Government, nor shall Government property become a fixture or lose its identity as personal property by being attached to any real property.

(2) Fixed-price contracts.

(i) All Government-furnished property and all property acquired by the Contractor, title to which vests in the Government under this paragraph (collectively referred to as "Government property"), are subject to the provisions of this clause.

(ii) Title vests in the Government for all property acquired or fabricated by the Contractor in accordance with the financing provisions or other specific requirements for passage of title in the contract. Under fixed price type

contracts, in the absence of financing provisions or other specific requirements for passage of title in the contract, the Contractor retains title to all property acquired by the Contractor for use on the contract, except for property identified as a deliverable end item. If a deliverable item is to be retained by the Contractor for use after inspection and acceptance by the Government, it shall be made accountable to the contract through a contract modification listing the item as Government-furnished property.

(iii) If this contract contains a provision directing the Contractor to purchase material for which the Government will reimburse the Contractor as a direct item of cost under this contract--

(A) Title to material purchased from a vendor shall pass to and vest in the Government upon the vendor's delivery of such material; and

(B) Title to all other material shall pass to and vest in the Government upon--

(1) Issuance of the material for use in contract performance;

(2) Commencement of processing of the material or its use in contract performance; or

(3) Reimbursement of the cost of the material by the Government, whichever occurs first.

(3) Title under Cost-Reimbursement or Time-and-Material Contracts or Cost-Reimbursable contract line items under Fixed-Price contracts. (i) Title to all property purchased by the Contractor for which the Contractor is entitled to be reimbursed as a direct item of cost under this contract shall pass to and vest in the Government upon the vendor's delivery of such property.

(ii) Title to all other property, the cost of which is reimbursable to the Contractor, shall pass to and vest in the Government upon--

(A) Issuance of the property for use in contract performance;

(B) Commencement of processing of the property for use in contract performance; or

(C) Reimbursement of the cost of the property by the Government, whichever occurs first.

(iii) All Government-furnished property and all property acquired by the Contractor, title to which vests in the Government under this paragraph (e)(3)(iii) (collectively referred to as "Government property"), are subject to the provisions of this clause.

(f) Contractor plans and systems. (1) Contractors shall establish and implement property management plans, systems, and procedures at the contract, program, site or entity level to enable the following outcomes:

(i) Acquisition of Property. The Contractor shall document that all property was acquired consistent with its engineering, production planning, and material control operations.

(ii) Receipt of Government Property. The Contractor shall receive Government property (document the receipt), record the information necessary to meet the record requirements of paragraph (f)(1)(iii)(A)(1) through (5) of this clause, identify as Government owned in a manner appropriate to the type of property (e.g., stamp, tag, mark, or other identification), and manage any discrepancies incident to shipment.

(A) Government-furnished property. The Contractor shall furnish a written statement to the Property Administrator containing all relevant facts, such as cause or condition and a recommended course(s) of action, if overages, shortages, or damages and/or other discrepancies are discovered upon receipt of Government-furnished property.

(B) Contractor-acquired property. The Contractor shall take all actions necessary to adjust for overages, shortages, damage and/or other discrepancies discovered upon receipt, in shipment of Contractor-acquired property from a vendor or supplier, so as to ensure the proper allocability and allowability of associated costs.

(iii) Records of Government property. The Contractor shall create and maintain records of all Government property accountable to the contract, including Government-furnished and Contractor-acquired property.

(A) Property records shall enable a complete, current, auditable record of all transactions and shall, unless otherwise approved by the Property Administrator, contain the following:

(1) The name, part number and description, manufacturer, model number, and National Stock Number (if needed for additional item identification tracking and/or disposition).

(2) Quantity received (or fabricated), issued, and balance-on-hand.

(3) Unit acquisition cost.

(4) Unique-item identifier or equivalent (if available and necessary for individual item tracking).

(5) Unit of measure.

(6) Accountable contract number or equivalent code designation.

(7) Location.

(8) Disposition.

(9) Posting reference and date of transaction.

(10) Date placed in service.

(B) Use of a Receipt and Issue System for Government Material. When approved by the Property Administrator, the Contractor may maintain, in lieu of formal property records, a file of appropriately cross-referenced documents evidencing receipt, issue, and use of material that is issued for immediate consumption.

(iv) Physical inventory. The Contractor shall periodically perform, record, and disclose physical inventory results. A final physical inventory shall be performed upon contract completion or termination. The Property Administrator may waive this final inventory requirement, depending on the circumstances (e.g., overall reliability of the Contractor's system or the property is to be transferred to a follow-on contract).

(v) Subcontractor control.

(A) The Contractor shall award subcontracts that clearly identify assets to be provided and shall ensure appropriate flow down of contract terms and conditions (e.g., extent of liability for loss, theft, damage or destruction of Government property).

(B) The Contractor shall assure its subcontracts are properly administered and reviews are periodically performed to determine the adequacy of the subcontractor's property management system.

(vi) Reports. The Contractor shall have a process to create and provide reports of discrepancies; loss, theft, damage or destruction; physical inventory results; audits and self-assessments; corrective actions; and other property related reports as directed by the Contracting Officer.

(A) Loss, theft, damage or destruction. Unless otherwise directed by the Property Administrator, the Contractor shall investigate and promptly furnish a written narrative of all incidents of loss, theft, damage or destruction to the property administrator as soon as the facts become known or when requested by the Government.

(B) Such reports shall, at a minimum, contain the following information:

- (1) Date of incident (if known).
- (2) The name, commercial description, manufacturer, model number, and National Stock Number (if applicable).
- (3) Quantity.
- (4) Unique-item Identifier (if available).
- (5) Accountable Contract number.
- (6) A statement indicating current or future need.
- (7) Acquisition cost, or if applicable, estimated scrap proceeds, estimated repair or replacement costs.
- (8) All known interests in commingled property of which the Government property is a part.
- (9) Cause and corrective action taken or to be taken to prevent recurrence.
- (10) A statement that the Government will receive any reimbursement covering the loss, theft, damage or destruction in the event the Contractor was or will be reimbursed or compensated.
- (11) Copies of all supporting documentation.
- (12) Last known location.
- (13) A statement that the property did or did not contain sensitive or hazardous material, and if so, that the appropriate agencies were notified.

(vii) Relief of stewardship responsibility. Unless the contract provides otherwise, the Contractor shall be relieved of stewardship responsibility for Government property when such property is--

(A) Consumed or expended, reasonably and properly, or otherwise accounted for, in the performance of the contract, including reasonable inventory adjustments of material as determined by the Property Administrator; or a Property Administrator granted relief of responsibility for loss, theft, damage or destruction of Government property;

(B) Delivered or shipped from the Contractor's plant, under Government instructions, except when shipment is to a subcontractor or other location of the Contractor; or

(C) Disposed of in accordance with paragraphs (j) and (k) of this clause.

(viii) Utilizing Government property. (A) The Contractor shall utilize, consume, move, and store Government Property only as authorized under this contract. The Contractor shall promptly disclose and report Government property in its possession that is excess to contract performance.

(B) Unless otherwise authorized in this contract or by the Property Administrator the Contractor shall not commingle Government material with material not owned by the Government.

(ix) Maintenance. The Contractor shall properly maintain Government property. The Contractor's maintenance program shall enable the identification, disclosure, and performance of normal and routine preventative maintenance and repair. The Contractor shall disclose and report to the Property Administrator the need for replacement and/or capital rehabilitation.

(x) Property closeout. The Contractor shall promptly perform and report to the Property Administrator contract property closeout, to include reporting, investigating and securing closure of all loss, theft, damage or destruction cases; physically inventorying all property upon termination or completion of this contract; and disposing of items at the time they are determined to be excess to contractual needs.

(2) The Contractor shall establish and maintain Government accounting source data, as may be required by this contract, particularly in the areas of recognition of acquisitions and dispositions of material and equipment.

(3) The Contractor shall establish and maintain procedures necessary to assess its property management system effectiveness, and shall perform periodic internal reviews and audits. Significant findings and/or results of such reviews and audits pertaining to Government property shall be made available to the Property Administrator.

(g) Systems analysis.

(1) The Government shall have access to the Contractor's premises and all Government property, at reasonable times, for the purposes of reviewing, inspecting and evaluating the Contractor's property management plan(s), systems, procedures, records, and supporting documentation that pertains to Government property. This access includes all site locations and, with the Contractor's consent, all subcontractor premises.

(2) Records of Government property shall be readily available to authorized Government personnel and shall be appropriately safeguarded.

(3) Should it be determined by the Government that the Contractor's (or subcontractor's) property management practices are inadequate or not acceptable for the effective management and control of Government property under this contract, or present an undue risk to the Government, the Contractor shall prepare a corrective action plan when requested by the Property Administrator and take all necessary corrective actions as specified by the schedule within the corrective action plan.

(h) Contractor Liability for Government Property.

(1) Unless otherwise provided for in the contract, the Contractor shall not be liable for loss, theft, damage or destruction to the Government property furnished or acquired under this contract, except when any one of the following applies--

(i) The risk is covered by insurance or the Contractor is otherwise reimbursed (to the extent of such insurance or reimbursement). The allowability of insurance costs shall be determined in accordance with 31.205-19.

(ii) The loss, theft, damage or destruction is the result of willful misconduct or lack of good faith on the part of the Contractor's managerial personnel.

(iii) The Contracting Officer has, in writing, revoked the Government's assumption of risk for loss, theft, damage or destruction, due to a determination under paragraph (g) of this clause that the Contractor's property management practices are inadequate, and/or present an undue risk to the Government, and the Contractor failed to take timely corrective action. If the Contractor can establish by clear and convincing evidence that the loss, theft, damage or destruction of Government property occurred while the Contractor had adequate property management practices or the loss, theft, damage or destruction of Government property did not result from the Contractor's failure to maintain adequate property management practices, the Contractor shall not be held liable.

(2) The Contractor shall take all reasonable actions necessary to protect the Government property from further loss, theft, damage or destruction. The Contractor shall separate the damaged and undamaged Government property,

place all the affected Government property in the best possible order, and take such other action as the Property Administrator directs.

(3) The Contractor shall do nothing to prejudice the Government's rights to recover against third parties for any loss, theft, damage or destruction of Government property.

(4) Upon the request of the Contracting Officer, the Contractor shall, at the Government's expense, furnish to the Government all reasonable assistance and cooperation, including the prosecution of suit and the execution of instruments of assignment in favor of the Government in obtaining recovery.

(i) Equitable adjustment. Equitable adjustments under this clause shall be made in accordance with the procedures

(1) Any delay in delivery of Government-furnished property.

(2) Delivery of Government-furnished property in a condition not suitable for its intended use.

(3) An increase, decrease, or substitution of Government-furnished property.

(4) Failure to repair or replace Government property for which the Government is responsible.

(j) Contractor inventory disposal. Except as otherwise provided for in this contract, the Contractor shall not dispose of Contractor inventory until authorized to do so by the Plant Clearance Officer.

(1) Scrap to which the Government has obtained title under paragraph (e) of this clause.

(i) Contractor with an approved scrap procedure.

(A) The Contractor may dispose of scrap resulting from production or testing under this contract without Government approval. However, if the scrap requires demilitarization or is sensitive property, the Contractor shall submit the scrap on an inventory disposal schedule.

(B) For scrap from other than production or testing the Contractor may prepare scrap lists in lieu of inventory disposal schedules (provided such lists are consistent with the approved scrap procedures).

(C) Inventory disposal schedules shall be submitted for all aircraft regardless of condition, flight safety critical aircraft parts, and scrap that--

(1) Requires demilitarization;

(2) Is a classified item;

(3) Is generated from classified items;

(4) Contains hazardous materials or hazardous wastes;

(5) Contains precious metals that are economically beneficial to recover; or

(6) Is dangerous to the public health, safety, or welfare.

(ii) Contractor without an approved scrap procedure. The Contractor shall submit an inventory disposal schedule for all scrap. The Contractor may not dispose of scrap resulting from production or testing under this contract without Government approval.

(2) Predisposal requirements. (i) Once the Contractor determines that Contractor-acquired property is no longer needed for contract performance, the Contractor in the following order of priority—

(A) May contact the Contracting Officer if use of the property in the performance of other Government contracts is practical;

(B) May purchase the property at the acquisition cost; or

(C) Shall make reasonable efforts to return unused property to the appropriate supplier at fair market value (less, if applicable, a reasonable restocking fee that is consistent with the supplier's customary practices).

(ii) The Contractor shall list, on Standard Form 1428, Inventory Disposal Schedule, property that was not used in the performance of other Government contracts under paragraph (j)(2)(i)(A) of this clause, property that was not purchased under paragraph (j)(2)(i)(B) of this clause, and property that could not be returned to a supplier under paragraph (j)(2)(i)(C) of this clause.

(3) Inventory disposal schedules. (i) The Contractor shall use Standard Form 1428, Inventory Disposal Schedule, to identify--

(A) Government-furnished property that is no longer required for performance of this contract, provided the terms of another Government contract do not require the Government to furnish that property for performance of this contract;

(B) Contractor-acquired property, to which the Government has obtained title under paragraph (e) of this clause, which is no longer required for performance of that contract; and

(C) Termination inventory.

(ii) The Contractor may annotate inventory disposal schedules to identify property the Contractor wishes to purchase from the Government.

(iii) Unless the Plant Clearance Officer has agreed otherwise, or the contract requires electronic submission of inventory disposal schedules, the Contractor shall prepare separate inventory disposal schedules for--

(A) Special test equipment with commercial components;

(B) Special test equipment without commercial components;

(C) Printing equipment;

(D) Information technology (e.g., computers, computer components, peripheral equipment, and related equipment);

(E) Precious metals in raw or bulk form;

(F) Nonnuclear hazardous materials or hazardous wastes; or

(G) Nuclear materials or nuclear wastes.

(iv) The Contractor shall provide the information required by FAR 52.245-1(f)(1)(iii) along with the following:

(A) Any additional information that may facilitate understanding of the property's intended use.

(B) For work-in-progress, the estimated percentage of completion.

(C) For precious metals, the type of metal and estimated weight.

(D) For hazardous material or property contaminated with hazardous material, the type of hazardous material.

(E) For metals in mill product form, the form, shape, treatment, hardness, temper, specification (commercial or Government) and dimensions (thickness, width and length).

(v) Property with the same description, condition code, and reporting location may be grouped in a single line item.

(vi) Scrap should be reported by ``lot" along with metal content, estimated weight and estimated value.

(4) Submission requirements. The Contractor shall submit inventory disposal schedules to the Plant Clearance Officer no later than--

(i) 30-days following the Contractor's determination that a Government property item is no longer required for performance of this contract;

(ii) 60 days, or such longer period as may be approved by the Plant Clearance Officer, following completion of contract deliveries or performance; or

(iii) 120 days, or such longer period as may be approved by the Termination Contracting Officer following contract termination in whole or in part.

(5) Corrections. The Plant Clearance Officer may--

(i) Reject a schedule for cause (e.g., contains errors, determined to be inaccurate); and

(ii) Require the Contractor to correct an inventory disposal schedule.

(6) Postsubmission adjustments. The Contractor shall notify the Plant Clearance Officer at least 10 working days in advance of its intent to remove an item from an approved inventory disposal schedule. Upon approval of the Plant Clearance Officer, or upon expiration of the notice period, the Contractor may make the necessary adjustments to the inventory schedule.

(7) Storage.

(i) The Contractor shall store the property identified on an inventory disposal schedule pending receipt of disposal instructions. The Government's failure to furnish disposal instructions within 120 days following acceptance of an inventory disposal schedule may entitle the Contractor to an equitable adjustment for costs incurred to store such property on or after the 121st day.

(ii) The Contractor shall obtain the Plant Clearance Officer's approval to remove Government property from the premises where the property is currently located prior to receipt of final disposition instructions. If approval is granted, any costs incurred by the Contractor to transport or store the property shall not increase the price or fee of any Government contract. The storage area shall be appropriate for assuring the property's physical safety and suitability for use. Approval does not relieve the Contractor of any liability for such property under this contract.

(8) Disposition instructions. (i) If the Government does not furnish disposition instructions to the Contractor within 45 days following acceptance of a scrap list, the Contractor may dispose of the listed scrap in accordance with the Contractor's approved scrap procedures.

(ii) The Contractor shall prepare for shipment, deliver f.o.b. origin, or dispose of Contractor inventory as directed by the Plant Clearance Officer. Unless otherwise directed by the Contracting Officer or by the Plant Clearance Officer, the Contractor shall remove and destroy any markings identifying the property as U.S. Government-owned property prior to its disposal.

(iii) The Contracting Officer may require the Contractor to demilitarize the property prior to shipment or disposal. In such cases, the Contractor may be entitled to an equitable adjustment under paragraph (i) of this clause.

(9) Disposal proceeds. As directed by the Contracting Officer, the Contractor shall credit the net proceeds from the disposal of Contractor inventory to the contract, or to the Treasury of the United States as miscellaneous receipts.

(10) Subcontractor inventory disposal schedules. The Contractor shall require its Subcontractors to submit inventory disposal schedules to the Contractor in accordance with the requirements of paragraph (j)(4) of this clause.

(k) Abandonment of Government property. (1) The Government shall not abandon sensitive Government property or termination inventory without the Contractor's written consent.

(2) The Government, upon notice to the Contractor, may abandon any nonsensitive Government property in place, at which time all obligations of the Government regarding such property shall cease.

(3) The Government has no obligation to restore or rehabilitate the Contractor's premises under any circumstances; however, if Government--furnished property is withdrawn or is unsuitable for the intended use, or if other Government property is substituted, then the equitable adjustment under paragraph (i) of this clause may properly include restoration or rehabilitation costs.

(l) Communication. All communications under this clause shall be in writing.

(m) Contracts outside the United States. If this contract is to be performed outside of the United States and its outlying areas, the words ``Government" and ``Government-furnished" (wherever they appear in this clause) shall be construed as ``United States Government" and ``United States Government-furnished," respectively.

(End of Clause)

The following have been deleted:

52.211-18

Variation in Estimated Quantity

APR 1984

(End of Summary of Changes)

**SECTION 00010
BIDDING SCHEDULE (AMENDMENT 0005)**

The Contractor shall provide a price for all items, including those labeled, "Optional Items."

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>TYPE OF CONSTRUCTION</u>	<u>QTY</u>	<u>UNIT</u>	<u>Unit Price</u>	<u>AMOUNT</u>
0001	GENERAL					
0001AA	Mobilization/Demobilization		1	LS	XXX	\$ _____
0001AB	Security		1	LS	XXX	\$ _____
0001AC	Site Survey/Existing Conditions Map		1	LS	XXX	\$ _____
0001AD	A/E Design		1	LS	XXX	\$ _____
0001AE	Geotechnical Investigation		1	LS	XXX	\$ _____
0001AF	As-Built Drawings		1	LS	XXX	
0002	FACILITIES					
0002AA	Headquarters Buildings	Arch-Span	6	EA	\$ _____	\$ _____
0002AB	Administration Buildings	Arch-Span	4	EA	\$ _____	\$ _____
0002AC	Officers Barracks	Arch-Span	6	EA	\$ _____	\$ _____
0002AD	NCO Barracks	Arch-Span	11	EA	\$ _____	\$ _____
0002AE	Enlisted Barracks	Arch-Span	20	EA	\$ _____	\$ _____
0002AF	Combination NCO/Enlisted Barracks	Arch-Span	3	EA	\$ _____	\$ _____
0002AG	Classroom Building	Arch-Span	2	EA	\$ _____	\$ _____
0002AH	Fire Station	Arch-Span	1	EA	\$ _____	\$ _____
0002AJ	Dining Facility	Arch-Span	1	EA	\$ _____	\$ _____
0002AK	Vehicle Maintenance Facility	Arch-Span	12	EA	\$ _____	\$ _____
0002AL	Troop Medical Center	Arch-Span	1	EA	\$ _____	\$ _____
0002AM	Post Exchange Building	Arch-Span	1	EA	\$ _____	\$ _____
0002AN	Training Building	Arch-Span	7	EA	\$ _____	\$ _____
0002AP	Storage Building	Arch-Span	10	EA	\$ _____	\$ _____

0002AQ	Small Latrine Building	Arch-Span	17	EA	\$ _____	\$ _____
0002AR	Large Latrine Building	Arch-Span	4	EA	\$ _____	\$ _____
0002AS	Fitness Center Building	Arch-Span	1	EA	\$ _____	\$ _____
0002AT	DPW Building	Arch-Span	1	EA	\$ _____	\$ _____
0002AU	Tactical Operations Building	Arch-Span	1	EA	\$ _____	\$ _____
0002AV	Small Arms Building	CMU	7	EA	\$ _____	\$ _____
0002AW	Detention Building	CMU	1	EA	\$ _____	\$ _____
0002AX	Waste Management Office Building	CMU	1	EA	\$ _____	\$ _____
0002AY	POL Storage Building	CMU	12	EA	\$ _____	\$ _____
0003	FORCE PROTECTION					
0003AA	Perimeter Wall		1	LS	XXX	\$ _____
0003AB	Guard Towers	CMU	6	EA	\$ _____	\$ _____
0003AC	Entry Control Point		1	LS	XXX	\$ _____
0003AD	Personnel Bunkers		102	EA	\$ _____	\$ _____
0004	SITE DEVELOPMENT/ IMPROVEMENTS					
0004AA	Site Grading and Stormwater Management		1	LS	XXX	\$ _____
0004AB	Water Distribution System		1	LS	XXX	\$ _____
0004AC	Water Well		1	LS	XXX	\$ _____
0004AD	Wastewater Collection System		1	LS	XXX	\$ _____
0004AE	Wastewater Treatment Plant		1	LS	XXX	\$ _____
0004AF	Waste Incinerator Facility		1	LS	XXX	\$ _____
0004AG	Roads Network		1	LS	XXX	\$ _____
0004AH	Concrete Sidewalks/Fire Lanes		1	LS	XXX	\$ _____
0004AJ	Helicopter Pad		1	LS	XXX	\$ _____
0004AK	Motor Pool Areas		1	LS	XXX	\$ _____

0004AL	Trash Collection Points		22	EA	\$_____	\$_____
0004AM	Parade Ground		1	LS	XXX	\$_____
0004AN	Flagpoles		1	LS	XXX	\$_____
0004AP	Vehicle Wash Racks		1	LS	XXX	\$_____
0004AQ	Ammunition Supply Point-ASP		1	LS	XXX	\$_____
0004AR	Vehicle Refueling Point/Expansion		1	LS	XXX	\$_____
0004AS	Electrical Distribution System		1	LS	XXX	\$_____
0004AT	Power Generation		1	LS	XXX	\$_____
0004AU	Communications System		1	LS	XXX	\$_____
0004AV	Loudspeaker and Alarm System		1	LS	XXX	\$_____
0005	DBA INSURANCE					
0005AA	DBA Insurance		1	LS	XXX	\$_____
	<p>The amount listed by the offeror on this CLIN is the estimated DBA insurance premium (estimated payroll of the offeror and its subcontractors, multiplied by the applicable rate(s)). The actual amount paid by the government under this CLIN will be based on the amount of the Rutherford invoice submitted by the offeror after contract award. In the event of recalculation of the premium by CNA based on actual payroll amounts, the Contracting Officer will adjust this CLIN by contract modification to reflect actual premium amounts paid.</p>					
0006	PERFORMANCE AND PAYMENT BONDS					
0006AA	Reimbursement for Actual Performance and Payment Bonds Premiums		1	LS	XXX	\$_____ Not to Exceed
	(see schedule note 11 of additional information)					
	TOTAL BASE BID ITEMS					\$_____
0007	OPTIONAL BID ITEMS					
0007AA	Well House and Water Well System		1	LS	XXX	\$_____
	TOTAL OPTIONAL BID ITEMS:					\$_____
	SCHEDULE TOTAL:					\$_____

SCHEDULE NOTES

1. Offeror shall submit prices on all items. Scope of work on each item is described in Section 01010.
2. Only one contract for the entire schedule will be awarded under this solicitation. This project will be awarded as a single contract.
3. Costs associated with this project shall include design and construction costs, site development, and utility installation.
4. A/E Design DEFINITION: Design costs shall consist of design analysis, drawings, and specifications for all facilities where a standard design has not been provided by the Government.
5. EVALUATION OF OPTIONS: The award will be made to the lowest, responsive and responsible bidder. For pricing purposes the Government will evaluate both the Base Proposals and Option Proposals. The Government is not obligated to exercise the options.
7. EXERCISE OF OPTIONAL BID ITEMS: Optional bid items (if any) may, at the option of the Government, be exercised at any time within 180 calendar days after receipt of the notice to proceed or no longer than 30 days after the work under bid item "0004AC Water Well" is complete.
8. ORDER of WORK: See Section 00150
9. PERIOD OF PERFORMANCE AND LIQUIDATED DAMAGES: See Section 00150 for performance schedule. Period of performance is defined as the number of calendar days from receipt of notice to proceed. The Period of performance will not be extended if optional items are exercised. Liquidated Damages are included in this contract. See FAR Clause 52.211-12.
10. Est. DEFINITION: Quantity stated in the bid schedule is an estimated quantity and could vary. Refer to FAR Clause 52.211-18 (Variation in Estimated Quantity).
11. Notwithstanding the Contract Clause entitled "Payments Under Fixed-Price Construction Contracts," the Contractor shall not be reimbursed an amount which exceeds the dollar amount set forth in **bid item 0006**.
12. Abbreviations:

EA = Each

LS = Lump Sum

Est. = Estimated Quantity

-END OF SECTION-

SECTION 01010

SCOPE OF WORK

1. GENERAL

The project consists of the design and construction of an Afghan National Army Garrison for the 2nd Brigade, 215th Corps at Camp Delaram I, Nimruz Province, Afghanistan. The garrison project is an expansion of the existing facilities to include additional GSU facilities, CS Kandak, CSS Kandak, three (3) Infantry Kandaks, Transient Kandak, MP Company and other common facilities for the brigade including all support facilities, utilities and infrastructure as applicable.

The project includes buildings and facilities that shall be designed and constructed using design-build K-Span type construction methods according to the standard construction drawings located in the Appendix A and standard drawings for facilities CMU type construction located in Appendix B of this Invitation For Bid (IFB). The project is defined as the design, materials, labor, and equipment to construct buildings, roads, utilities, and other infrastructure to accommodate a garrison with a design-end population of approximately 4,300 personnel.

The Contractor may be required to coordinate the efforts required under this contract with at least one other contractor at the site. Such coordination is required as part of this contract. The coordination effort may be significant and may include such tasks as the exchange of information with other contractors such as design data, drawings, calculations, and technical information. Additionally, it may be necessary for the contractor to conduct meetings, hold teleconferences, and prepare the submittal of additional information to the Contracting Officer (KO) that demonstrates the coordination and integration of new work with existing and future work of other contractors. All coordination shall be in agreement with the KO and approved prior to the commencement of any work.

1.1 ENGLISH LANGUAGE REQUIREMENT

All information shall be presented in English. The Contractor shall have a minimum of one English-speaking representative to communicate with the COR at all times when work is in progress.

1.2 CQM TRAINING REQUIREMENT

The Contractor's Quality Control (QC) Manager is required to have completed the U.S. Army Corps of Engineers (USACE) Construction Quality Management (CQM) course, or equivalent as soon as the class is available. The CQM course will be offered periodically by the USACE Afghanistan Engineer District (AES). Additional approved CQM courses include those offered by the Commercial Technical Training Center (in Jalalabad) and the Champion Technical Training Center (in Kabul). The Quality Assurance Branch of the AES can provide information related to AES offerings of the CQM course, as well as contact information for training centers. Alternative CQM courses, other than those mentioned above, must be approved by the Quality Assurance Branch.

The Contractor's quality control plan, as defined in USACE Guide Specification 01451, entitled "Contractor Quality Control", shall include "The name, qualifications (in resume format), duties, responsibilities, and authorities of each person assigned a CQC function." For the QC Manager, qualifications must include a certificate demonstrating completion of an approved CQM course.

1.3 SUBMITTALS REQUIREMENTS

Submittals and a Submittal Register are required as specified in Section 01335 of the Basic Contract.

1.4 COST ESTIMATE REQUIREMENTS

The Contractor shall prepare a parametric construction cost estimate for AES data collection purposes. The Contractor shall prepare a thorough, well-supported, estimate reflecting the final design features, construction schedule, conditions, and any construction Prioritizing requirements. The cost estimate shall be submitted as part of the final design submittal.

1.5 LOCATION

All work under this task order is for the expansion of the ANA 215th Brigade Garrison in Nimruz Province, Afghanistan. The approximate geographical location of the project is:

Longitude: 64.443470 E

Latitude: 32.152960 N

The approximate coordinates of the limits of work for the Brigade Garrison Compound in MRGS Coordinates beginning with the corner property the closest to the main ECP and going counter-clockwise, are as follows:

Corner 1: 41S NR 4231956977

Corner 2: 41S NR 4231957852

Corner 3: 41S NR 4178757857

Corner 4: 41S NR 4113257784

Corner 5: 41S NR 4125857502

Corner 6: 41S NR 4148557341

Corner 7: 41S NR 4170757298

Corner 8: 41S NR 4171457132

This information is also indicated in the Concept Plan in the Appendix.

1.6 UNEXPLODED ORDINANCE (UXO)/ MINES

1.6.1 UXO REMOVAL AND CLEARANCE

The Contractor is not responsible for the clearance or removal of mines and unexploded ordnance (UXO) from the site prior to the commencement of construction. No construction activities are to be conducted without review of the written clearance certification for the site. If sub-surface construction activities will be performed on this site the clearance certification must state that the clearance depth was conducted to a minimum depth of 1 m.

NOTE 1: For previous UXO/mine information, and a copy of the clearance certification the following points of contact from the UN Mine Action Center (MAC) of Afghanistan are provided:

Mohammad Sediq, Chief of Operations,
Email: sediq@unmaca.org
Cell: +93 070 295207

Hansie Heymans, Chief Information Officer,
Email: hansie@unmaca.org
Cell: +93 070 294286

UXO Safety/ Demining COR, USACE
tan.uxo.demining.safety@usace.army.mil, Comm: 540-667-2127

NOTE 2: The Contractor should be aware that many areas previously demined may have only been cleared to a depth of 13 cm for humanitarian purposes. If construction will take place, a minimum of 1 meter in depth is mandatory.

It is the responsibility of the Contractor to be aware of the risk of encountering UXO/mines and to take all actions necessary to assure a safe work area to perform the requirements of this contract. The Contractor assumes the risk of any and all personal injury, property damage or other liability arising out of or resulting from any Contractor action taken hereunder. The Contractor and its subcontractors may not handle, work with, move, transport, render safe, or disarm any UXO/mine, unless they have appropriate accreditations from the MAC.

If a UXO/mine is encountered during project construction, the Contractor shall immediately stop work in the affected area, safely mark the area of the UXO/Mine and immediately notify the Contracting Officer, COR or the Government Construction Representative. UXO/Mine disposal will not be the responsibility of the Contractor unless the area exceeds the 1 meter clearance depth of the original clearance certificate.

1.7 LIFE SAFETY

The facilities shall comply with all other safety requirements as required within references, unless otherwise noted. A fire sprinkler system is not required. The Contractor shall equip buildings with wall-mounted CO₂ fire extinguishers at a 1:100 SM density (minimum). Exit signs shall be placed above doors opening to the exterior and labeled in English, Dari, and Pashto. The Contractor shall install hardwired smoke detectors to provide local alarm only. Install carbon monoxide (CO) monitors in large occupancy areas, sleeping areas, and enclosed facilities. These CO monitors/alarms shall be hardwired for reliability and to prevent pilferage. For other requirements, refer to Section 01015.

1.8 LIGHTING

General lighting shall be provided for each building type and function within each building, in accordance with the standard drawings. Exterior lighting shall be high intensity discharge luminaires on 10 meter high minimum spun aluminum or galvanized steel poles in locations specified below.

1.9 HEATING, VENTILATION, AND AIR CONDITIONING (HVAC)

Environmental control of the facilities shall be installed per the standard drawings.

1.10 GENERAL REQUIREMENTS FOR FACILITIES

All requirements set forth in the Scope of Work (01010), but not included in the Technical Requirements (01015), shall be considered as set forth in both and vice versa.

In general, this project consists of designing and constructing facilities as described in this Section, the Concept Plan, Arch-Span type standard building designs attached in Appendix A, standard building designs attached in Appendix B and per the technical requirements in Section 01015. All standard construction amenities such as underground utilities, site grading, plumbing, heating, electrical, etc. shall be implied as a design and construction requirement.

All construction of the Standard Building designs identified in Appendix A and B of this IFB shall be in strict accordance with the plans and specification furnished, with no changes made to any feature of work shown in these design drawings and specifications, unless otherwise specified.

The Contractor shall match existing on-site architectural materials and colors. All construction shall be done in the same style and paint schemes as existing buildings, respective of sustainable construction and design except as indicated, and as approved by the KO.

Construction shall provide for institutional (detention) grade vandal-resistant fixtures and valves in showers, toilets, and lavatories. All toilets shall be eastern style and shall face north or south.

The Contractor shall provide at all exterior doors at all buildings, boot scrapers for boot cleaning.

Barracks shall be spaced as far apart from each other as possible given the final site design configuration, as to minimize sound propagation and to increase privacy.

All other design work not specifically identified in this IFB shall be the responsibility of the Contractor and it shall be submitted for review in accordance with Section 01335 of this IFB.

The work within this contract shall be designed and constructed in accordance with the current International Building Code (IBC), Life Safety Codes (NFPA-101), Force Protection and security standards.

1.11 GOVERNMENT FURNISHED MATERIAL (GFM)

The Government shall supply rolled steel for the construction of the Arch-Span buildings to the Contractor. A list of the Government Furnished Materials that are available for Contractor's use is listed in Table 1 below.

Table 1 Government Furnished Arch Span Steel		
Steel Required	(# of Rolls)	Estimated Acquisition Cost
300M x 600mm x 1mm (4,600 lbs/roll)	817	\$3,634,016
180M x 900mm x 1.5mm (4,800 lbs/roll)	380	\$554,040

The Contractor shall refer to Section 01060 for further information concerning the processes and responsibilities of the Contractor concerning the Government Furnished Material. The above estimated acquisition cost is applicable to accounting for Government-furnished property. This cost shall not be included by the Contractor in the bid price.

2. SUMMARY OF WORK

2.1 GENERAL

2.2 MOBILIZATION / DEMOBILIZATION

Mobilization and Demobilization shall consist of all labor, equipment, supplies and facilities required to stage all equipment and facilities needed for construction of this project. See Contract Clauses for more information.

The Contractor shall install temporary access points and roads, temporary parking, construction lay-down areas, and foot paths with compacted base, appropriately graded for drainage, and cover with a well graded, crushed stone aggregate surface capable of withstanding the anticipated construction traffic. At a minimum, the Contractor shall place 50 mm of crushed, well-graded, and compacted aggregate over areas to be used for drainage, pedestrian circulation (not including foot paths), and/or dust control.

Portable latrines: During construction, the Contractor shall furnish and install portable latrine units in locations as required. Portable latrines shall be a mix of western and eastern style units. Mix shall be determined by Contracting Officer.

Portable lavatories: During construction, the Contractor shall furnish and install hand wash units in locations as required. Hand wash units shall each include four (4) wash units. Each wash unit shall consist of a basin, foot controlled wash water dispenser, hand soap dispenser, and towel dispenser.

2.3 SECURITY

Security is critical to construction in Afghanistan, especially on roads and remote areas away from Coalition Force bases. The Contractor must have an appropriate amount of security/protection to match the threat in the project area and along the supply routes. A detailed security plan in accordance with Section 01040 SECURITY shall be approved by the Government before construction notice to proceed.

The Contractor shall be responsible for physical security of all materials, supplies, and equipment of every description, including property which may be Government-furnished or owned, for all areas occupied jointly by the Contractor and the Government, as well as for all work performed.

2.4 SITE SURVEY / EXISTING CONDITIONS MAP

The site survey and existing conditions map shall consist of all labor, equipment and supplies necessary to produce the topographical data in accordance with the requirements specified in Sections 01015 and 01335.

2.5 A/E DESIGN

The Contractor shall design all components/aspects of this project not provided with a design by the Government. All drawings shall be submitted in accordance with the requirements specified in Section 01335 and 01780A.

2.6 MASTER PLANNING

The Concept Plan attached in Appendix A is for conceptual purposes only. The Contractor shall prepare a site Master Plan based on information contained in this Invitation For Bid (IFB). The Contractor shall submit the site Master Plan for review within 21 days from the Notice to Proceed (NTP). The Contractor shall participate in a Master Plan design charrette that shall be conducted at the Corps of Engineers Kandahar Area Office at Kandahar Airfield. If necessary, the Contractor shall modify and implement changes to the Master Plan based on the information gathered during the design charrette process. The final site Master Plan shall be developed by the Contractor and shall include all buildings, facilities and features and must be coordinated with the requirements of this contract.

Current site conditions are only partially indicated in the Concept Site Plan. The Contractor is responsible to identify all buildings, facilities and site features by construction priority following the Construction Priorities Schedule, Table 10-1.

The Contractor must verify all space requirements and code compliance in accordance of Section and Section 01015 of this contract. The Master Plan shall be site-specific and it shall include the location of all temporary structures such as the construction office/storage containers and lay-down and construction debris removal areas. The Contractor shall indicate all other site features on the Master Plan regardless of whether they are indicated on the Government supplied Concept Plan or not. The Contractor shall include all information pertinent to this project into the Master Plan to achieve a complete design in accordance with the requirements of this contract.

2.7 GEOTECHNICAL INVESTIGATION

Existing geotechnical information is not available at the project site. Any site-specific geotechnical data required to develop foundations, fill at elevated slabs, materials, earthwork, and other geotechnical related design and construction activities for this project shall be the Contractor's responsibility.

Foundations, including sub-grade, are based on an assumed soil bearing capacity for standard building designs. Design and construct foundations for standard designs and design build facilities based on recommendations from subsurface geotechnical investigation required herein. All labor, equipment and supplies necessary to conduct a subsurface geotechnical investigation shall be considered a part of the geotechnical report, in accordance with the requirements specified in Section 01015.

The geotechnical report shall contain the results of a geotechnical investigation conducted in accordance with the requirements specified in Section 01015. All labor, equipment and supplies necessary to conduct a subsurface geotechnical investigation shall be considered a part of the subsurface geotechnical report.

2.8 AS-BUILT DRAWINGS

The Contractor shall provide the Government with complete As-built drawings at the conclusion of the project. As-built drawings shall consist of all labor, equipment, and all supplies needed to produce design records, documents and drawings in accordance with the requirements specified in Section 01335 and 01780A.

As-Built drawings shall be maintained at the project site and updated at the time the definable feature of work is constructed. As-built survey records recorded before the feature is covered or enclosed following inspection by the Government as required by the COR.

As-built marked-up drawings shall be available and updated as work progresses by the general contractor. The comprehensive drawings shall be in one location available to the government. As-built drawings shall be maintained in a clean, legible condition with all contract modifications included.

2.9 FACILITIES

2.9.1 HEADQUARTERS BUILDINGS

The Contractor shall construct six (6) Arch-Span Headquarter buildings per the standard construction drawings attached in the Appendix A titled “AD22-Headquarters Building”.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

2.9.2 ADMINISTRATION BUILDINGS

The Contractor shall construct four (4) Arch-Span Administration buildings per the standard construction drawings attached in the Appendix A titled “AD23-Admin Building”.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

2.9.3 OFFICERS BARRACKS

The Contractor shall construct six (6) Arch-Span Officers Barracks per the standard construction drawings attached in the Appendix A titled “B-19-Officers Barracks-Large”.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

The Contractor shall construct two (2) 5.0 m long Clothesline units at each barrack per the standard detail titled “Clothesline” in Appendix B.

2.9.4 NCO BARRACKS

The Contractor shall construct eleven (11) Arch-Span NCO Barracks per the standard construction drawings attached in the Appendix A titled “B21-NCO Barracks-Large”.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

The Contractor shall construct two (2) 5.0 m long Clothesline units at each barrack per the standard detail titled “Clothesline” in Appendix B.

2.9.5 ENLISTED BARRACKS

The Contractor shall construct twenty (20) Arch-Span Enlisted Barracks per the standard construction drawings attached in the Appendix A titled “B-24-Enlisted Barracks”.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

The Contractor shall construct two (2) 5.0 m long Clothesline units at each barrack per the standard detail titled “Clothesline” in Appendix B.

2.9.6 COMBINATION NCO / ENLISTED BARRACKS

The Contractor shall construct three (3) Arch-Span Combination NCO/Enlisted Barracks per the standard construction drawings attached in the Appendix A titled “B23-Combination NCO/Enlisted Barracks”.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

The Contractor shall construct two (2) 5.0 m long Clothesline units at each barrack per the standard detail titled “Clothesline” in Appendix B.

2.9.7 CLASSROOM BUILDING

The Contractor shall construct two (2) Arch-Span Arch-Span Classroom Buildings per the standard construction drawings attached in the Appendix A titled “CL08-Classroom Building”.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

2.9.8 FIRE STATION

The Contractor shall construct one (1) Arch-Span Fire Station Building per the standard construction drawings attached in the Appendix A titled “MS05-Fire Station (2-Bay)”.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

2.9.9 DINING FACILITY

The Contractor shall construct one (1) Arch-Span Dining Facility Building per the standard construction drawings attached in the Appendix A titled “D-10-DFAC-Large”.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

The DFAC shall also include, as a minimum, the following:

- a. A service area in support of the DFAC building. The service area shall be surrounded with a 3 m high chain link fence with Y-channel and triple strand concertina wire and one (1) lockable double swing arm vehicle gate and two (2) lockable personnel gates. Construct the fence and gates per the standard design drawings in the Appendix.
- b. The service area shall be able to accommodate propane storage, wood storage area, and storage areas, area for the future location of trailers, and maneuver area. The service areas shall be surfaced with 100 mm thick aggregate paving.
- c. A covered wood storage area shall be constructed in close proximity to the wood stoves and be fenced.
- d. For a 30-day supply of fuel, provide four (4) bottles per cook stove. **The Contractor shall provide a full supply of fuel to the tanks at the time of turnover to the Government.**

2.9.10 VEHICLE MAINTENANCE FACILITY

The Contractor shall construct twelve (12) Arch-Span Vehicle Maintenance Facility Buildings per the standard construction drawings attached in the Appendix A titled "VM-09-Vehicle Maintenance Building".

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

Additionally each vehicle maintenance facility shall have the following:

- a. There shall be a concrete hardstand apron outside all garage doors at a minimum 10 m width. Concrete hardstand apron shall support a minimum loading of a 3-axle, 30,000 kg vehicle without failing. There shall be at least 18 m clear distance around the vehicle maintenance building before any parking or between any other facilities.
- b. Emergency eye-wash stations shall be provided for each building or for every two (2) maintenance bays, as applicable.
- c. Battery rooms shall have emergency eyewash stations and one (1) acid resistant sink.
- d. An overhead vehicle tailpipe exhaust removal system shall be provided. The location of the system shall be coordinated so that it does not interfere with vehicle access.
- e. An air compressor shall be located outside and to the rear of the building under a canopy and enclosed in a security with gate.

2.9.11 TROOP MEDICAL CENTER

The Contractor shall construct one (1) Arch-Span Troop Medical Center Building per the standard construction drawings attached in the Appendix A titled "MS07-Medical Clinic-Large".

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

2.9.12 POST EXCHANGE BUILDING

The Contractor shall construct one (1) Arch-Span Post Exchange Building per the standard construction drawings attached in the Appendix A titled "MS09-Post Exchange Building".

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

2.9.13 TRAINING BUILDING

The Contractor shall construct seven (7) Arch-Span Training Buildings per the standard construction drawings attached in the Appendix A titled "CL07-Training Building".

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

2.9.14 STORAGE BUILDING

The Contractor shall construct ten (10) Arch-Span Storage Buildings per the standard construction drawings attached in the Appendix A titled "S09-Storage Building".

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

2.9.15 SMALL LATRINE BUILDING

The Contractor shall construct seventeen (17) Arch-Span Small Latrine Buildings per the standard construction drawings attached in the Appendix A titled “L05-Latrine-Small”.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site. All toilets shall be Eastern Style and shall face North–South.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

2.9.16 LARGE LATRINE BUILDING

The Contractor shall construct four (4) Arch-Span Large Latrine Buildings per the standard construction drawings attached in the Appendix A titled “L04-Latrine-Large”.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site. All toilets shall be Eastern Style and shall face North–South.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

The Contractor shall construct two (2) 5.0 m long Clothesline units at each Large Latrine per the standard detail titled “Clothesline” in Appendix B.

2.9.17 FITNESS CENTER BUILDING

The Contractor shall construct one (1) Arch-Span Fitness Center Building per the standard construction drawings attached in the Appendix A titled “MS10-MWR Building”.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

2.9.18 DPW BUILDING

The Contractor shall construct one (1) Arch-Span DPW Building per the standard construction drawings attached in the Appendix A titled “MS06-DPW Building”.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

2.9.19 TACTICAL OPERATIONS CENTER

The Contractor shall construct one (1) Arch-Span Tactical Operations Center Building per the standard construction drawings attached in the Appendix A titled “AD24-Tactical Operations Center”.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

2.9.20 SMALL ARMS STORAGE BUILDING

The Contractor shall construct seven (7) CMU Small Arms Storage Buildings per the standard construction drawings attached in the Appendix B titled "Small Arms Storage".

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

Each Arms Storage Building shall include the following:

- a. Provide wooden racks for storing long-arm weapons vertically. Racks shall not be furnished with locking bars.
- b. The facility will be enclosed with a 3.0 m high fence and a secure entranceway.

2.9.21 DETENTION BUILDING

The Contractor shall construct one (1) CMU Detention Building per the standard construction drawings attached in the Appendix B titled "Detention Center".

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

The Detention Center shall be fenced by a 3.0 m high chain link fence with Y-channel and triple strand concertina wire at top. Provide one (1) lockable personnel gate. Construct the fence and gates per the standard design drawings in the Appendix and Section 01015.

One hundred millimeter thick crushed aggregate shall be placed inside the fenced area.

2.9.22 WASTE MANAGEMENT OFFICE BUILDING

The Contractor shall design and construct one (1) CMU Waste Management Office Building per the concept drawings attached in the Appendix B titled "Waste Management Office". The Waste Management Office shall be of CMU type construction.

The Contractor shall refer to the Concept Plan and the drawing titled "Waste Management Complex" for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section. All materials, finishes, and equipment shall comply with the requirements of Section 01015.

2.9.23 POL STORAGE BUILDING

The Contractor shall construct one (1) CMU POL Storage Building for each vehicle maintenance facility for a total of twelve (12) POL Storage Buildings. The Contractor shall construct the POL Storage Buildings per the standard construction drawings attached in the Appendix B titled "POL Storage".

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

3. FORCE PROTECTION

The Contractor shall design and construct force protection measures to include masonry or stone walls, Entry Control Points (ECP), guard towers. The designer shall incorporate force protection setbacks for new facilities to maximum extent possible as permitted by size of the site and the requirements of the user.

3.1 PERIMETER WALL

The Contractor shall construct a new section of approximately 2,200 linear meters wall around the open perimeter of the site. The Contractor shall construct the perimeter wall per the standard detail in Appendix B.

The height of the walls shall measure the standard of 3.0 m from the inside and outside grades to the top of the concrete wall cap. At the connection between new and existing wall, the Contractor shall match the height of the existing wall. The wall shall be topped with Y shaped outriggers and single-coil concertina style razor wire. The ground grade shall slope away from the wall for at least 5.0 m and shall be kept a minimum of 3.0 m below the top of wall for a minimum distance of 10 m.

The wall shall be designed to keep all pedestrian and truck traffic outside the compound from having a visual line of site into the compound.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

3.2 GUARD TOWERS

The Contractor shall construct six (6) CMU Guard Towers per the standard drawings in Appendix B titled "Guard Tower".

Guard towers shall be located at intervals of no more than 275 m apart from each other, as well as at all access penetration points in the perimeter wall. The floor height shall be elevated as to allow the window sill to be 500 mm above the top of the wall.

Guard Towers shall be fitted with one 360-degree omni- directional searchlight. The area in the immediate exterior vicinity of the guard tower shall be provided with an all weather non-slip surface and shall be graded to sufficiently drain away from structure. The Contractor shall not use white lights inside guard towers, but instead use red, blue, or black lenses in interior guard tower lighting.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

3.3 ENTRY CONTROL POINT

The Contractor shall construct an ECP that shall include a paved entrance, one (1) manually operated vehicular sliding steel gate, one (1) steel swing arm pedestrian gate, one (1) Guard Shack, vehicle drop arm barriers, and passive anti-vehicular barriers.

The design of the gates shall insure that it is dimensionally stable, square, true and planar. Gate leafs shall not rack or deflect when installed. Gates shall have a sufficient number of hinges when anchored mounted to the exterior masonry walls, to support each gate leaf. Provide a locking mechanism that holds the gates closed when in the closed position as well as a drop bolt that engages a steel sleeve embedded in the pavement.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

3.3.1 GUARD SHACK

As part of the “Entry Control Point” bid item, the Contractor shall construct one (1) Guard Shack that shall be associated with the new, secondary Entry Control Point. The Contractor shall construct the Guard Shack per the standard drawings titled “Guard Shack” in Appendix B.

Areas in the immediate outside vicinity of guard shack shall be lighted and provided with an all-weather, non-slip surface and shall be graded to sufficiently drain away from building and pedestrian areas.

The Contractor shall refer to the Concept Plan for the location of this facility type in relationship to other buildings and facilities on site.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

3.4 PERSONNEL BUNKERS

The Contractor shall construct one hundred and two (102) Personnel Bunkers per the standard details in Appendix B.

The Contractor shall construct one hundred and two (102) Personnel Bunkers per the standard construction drawings attached in the Appendix B titled “Personnel Bunker”.

The Contractor shall place bunkers for optimal locations on the site plan in relationship to personnel density.

The Contractor shall coordinate the construction of this facility based on the Construction Priority List, Table 10-1 in this Section.

4. SITE DEVELOPMENTS / IMPROVEMENTS

4.1 DEMOLITION

The Contractor shall remove and dispose of all debris, concrete, buildings and foundations. The Contractor shall be responsible for locating and paying all fees associated with removal and relocation of all debris and shall verify the location of debris disposal with the Contracting Officer. Scrap metal on site shall be moved to an area away from the site perimeter as directed by the COR and left for the host government to salvage. Demolished fencing and concertina wire shall be neatly rolled up and used fence posts and outriggers shall be neatly stockpiled for reuse by the host government. There will be no separate measurement or payment for demolition and the costs associated with any demolition work shall be accounted for by the Contractor in the bid item for which the demolition is associated.

The demolition work shall include but shall not be limited to approximately 500 linear meters of 3.0 m height fencing.

4.2 SITE GRADING AND STORMWATER MANAGEMENT

The Contractor shall design and construct all site grading and stormwater management features necessary to provide adequate drainage and prevent flooding from a 20-year storm event.

Several small wadis are present on site. A storm water flow analysis based on 20-yr storm shall be performed to determine the water surface elevations at this storm event. To prevent flooding, avoid location new structures near the wadi present at the site near the northeast corner of property boundary. Site grading shall be compatible with existing terrain/grading. Provide adequate drainage to minimize flooding.

The Contractor shall design and construct all necessary culverts for road, walkway and perimeter fence/wall crossings. Culverts at perimeter wall penetrations shall have personnel access denial system(s).

The walls of all new earthen storm drainage (including canals, trenches, ditches, swales, etc) shall not have a slope greater than 1 Vertical to 3 Horizontal without a stone and mortar or concrete lining to prevent erosion. See Section 01015 for technical requirements.

Native crushed stone 100 mm thick shall be placed around all buildings, from the building wall or building landscaping out 2.0 m and all areas of anticipated foot or vehicle traffic to reduce erosion and to provide dust control.

The Grading and Drainage Plan shall indicate the existing and proposed contour lines, the location of drainage structures and the direction of flow. Spot elevations shall be indicated at the beginning and the end of all drainage structures and inflexion points and they shall be spaced every 25 m along the alignment. Proposed contour lines shall meet with existing contour lines on the Grading and Drainage Plan. The Grading and Drainage Plan shall be at a scale that all lines and structures can be easily seen and ascertained.

4.3 WATER DISTRIBUTION SYSTEM

The Contractor shall design and construct a potable water distribution system to all buildings and features requiring water supply. The Contractor shall connect the new water distribution system to the existing water distribution system on the compound. The potable water distribution system shall consist of, but not inclusive of, an enclosed booster pump station to provide sufficient water pressure with a minimum of three (3) pumps, hydro-pneumatic surge tank(s), water storage tank(s) and an underground pipe distribution system. The Contractor shall install water meters between the water well and storage tanks and between the storage tanks and the distribution system. The Contractor shall install backflow preventers in the water distribution line between the well house and the connection to the existing waterline and between the existing offsite well and the new well connection point.

The Contractor shall construct one (1) CMU booster pump building per the standard drawings in Appendix B titled "Booster Pump Building".

Distribution system includes all required piping, valves, fittings, and appurtenances required to serve water to all facilities requiring it. Water system must be fully looped. Design capacity for a population of 4,500 at 155 liters per person per day.

The water storage tanks shall be located above drainage areas and locations subject to flooding as approved by the Contracting Officer.

The Contractor shall design and construct circular steel ground storage reservoir(s) (GST). The Volume of reservoir tank is to be equivalent to a minimum daily storage volume of three (3) full day's water supply.

The water system shall be designed and constructed in accordance with the AED Design Requirements, latest version. See Section 01015 for design and construction criteria. Water demand required for fire fighting and for irrigation and landscaping needs shall not be included in design demand calculations.

In the event potable or non-potable use water is required prior to completion of the water facilities infrastructure the Contractor may be issued a Request for Proposal (RFP) to provide non-potable (tank truck) and potable (bottled or other reliable source) consumption.

4.3.1 WATER WELL

The Contractor shall provide one (1) 350 m minimum to 400 m maximum depth water well to adequately supply the water flow to meet the needs of the compound personnel (See Section 01015 for water capacity calculation method).

The Contractor shall drill one (1) well to a depth of 350 m to 400 m in an attempt to find potable water meeting all World Health Organization (WHO) water quality requirements. If water cannot be found the Contractor shall immediately notify the Contracting Officer's Representative (COR). If the contractor drills to 400 m and water is not found, the Contractor will be considered to have fulfilled the terms of the contract and will be entitled to the full price of the bid item for "Water Well".

4.4 WASTEWATER COLLECTION SYSTEM

The Contractor shall design and construct a sanitary sewer collection system for all facilities to flow to the proposed wastewater treatment plant.

Sewer collection system shall consist of gravity sewer pipe and appurtenances such as manholes, cleanouts, building service connections and lift station(s). See Section 01015 for technical requirements.

Design capacity for a population of 4,500 at approximately 120 liters per person per day.

Approximate location of the proposed WWTP and all buildings are indicated on the Concept Plan attached in Appendix A.

4.5 WASTEWATER TREATMENT PLANT

The Contractor shall design and construct a Wastewater Treatment Plant per the requirements of Section 01015. The Wastewater Treatment Plant shall be a partial aerated lagoon type system and shall be located to minimize the use of lift stations and shall utilize gravity sewers as much as possible. The Waste Water Treatment Plant shall be designed and constructed such that the system shall not be flooded by a 20-year storm event and shall include considerations for potential flooding events originating upstream. The sewage collection system and wastewater treatment system and effluent disposal shall be designed to accommodate 840,000 liters per day. The Contractor shall design and construct the Wastewater Treatment Plant to include sludge drying beds and shall include an adequate outfall to the nearest wadi or suitable off site drainage ditch. The design and construction of the outfall shall include measures to prevent erosion due to the flow from the Wastewater Treatment Plant.

The Contractor shall design and construct a 35 m² CMU type building for laboratory/office space and a 35 m² CMU type building for the hypochlorite system and chemical storage. Both buildings shall have emergency eye wash stations and stainless steel sinks. See Section 01015 for technical requirements.

4.6 WASTE INCINERATOR FACILITY

The Contractor shall design and build an incinerator facility compound complete with a security fence and a vehicular traffic gate, following the concept drawings attached in Appendix B – titled “Waste Management Complex”.

Two (2) municipal incinerators with a 10-metric ton/24-hour capacity shall be provided. In addition, one (1) medical incinerator with a 10 kg/hour (15 lbs/hour) capacity shall be constructed on the site. Follow concept design drawings in the Appendix A and B and comply with Section 01015.

The work shall include, as a minimum, site delivery, construction, adjusting, testing, and handing over a fully operational facility. In addition, local personnel shall be fully trained on the operations and use of the incinerator. The incinerator shall be located to maximize the flow of waste through the facility while allowing sufficient room for vehicle operations.

A complete fuel system including tanks, pump, piping, etc, shall be provided and installed for the incinerator plant. The municipal incinerator facility fuel storage capacity shall be not less than 80,000 l (21,000 gal). The medical incinerator facility fuel storage capacity shall be not less than 2,000 l (530 gal). **The Contractor shall provide a full supply of fuel to ALL the tanks at the time of turnover to the Government.** The location for the new fuel storage tanks shall be adjacent to the incinerator plant. The storage tanks shall have adequately protected distribution lines to the incineration plant. The tanks shall be surrounded by concrete T-walls (Alaska barriers), provided with a security fence with lockable entry gates. Tanks shall be provided with remote off-loading capabilities. The Contractor shall provide fuel truck access to the fuel off-loading area that is capable of supporting the expected weight.

4.6.1 COMPOST AND RECYCLING HOLDING AREA

As part of the bid item “Waste Incinerator Facility”, the Contractor shall design and construct two separate 15 m x 15 m areas to be used for composting, and recycling, respectively as noted on the appendix drawings. These areas shall be located inside the fenced portion of the waste management area. The area shall be constructed of 100 mm depth reinforced concrete pads (3 each) smooth finish such and sloped to drain.

4.6.2 ASH HOLDING BINS

As part of the bid item “Waste Incinerator Facility”, the Contractor shall design and construct ash holding bins for the storage of the incinerator waste as shown on the Appendix drawings. The bins will have a 150 mm thick

reinforced concrete slab-on-grade and 200 mm thick reinforced concrete walls that are 1.0 m high. The ash holding bins shall have an approximate area of 128.SM and shall be constructed with a bottom liner. Provide a minimum of four (4) slabs. Refer to Section 01015 for technical requirements.

Due to the nature of the incinerated waste and the possibility that incomplete incineration will occur, the ash holding bin area shall be designed as required to accept untreated solid waste. This shall conform to the specifications in the USFOR-A Environmental SOP, Annex E-1. The Contractor shall design a spraying or wetting system to control the blowing of ash by wind.

4.6.3 HAZARDOUS WASTE HOLDING AREA

As part of the bid item “Waste Incinerator Facility”, the Contractor shall design and construct an area (5 m x 5 m in size) to be used for the storage of hazardous waste as shown on the design drawings. The area shall be covered by steel frame open side corrugated metal roof facility.

Secondary containment of the hazardous waste storage area shall be provided and consist of a fully-curbed concrete slab (150 mm thickness and 150 mm curb height) with separate areas (equal size) to provide secondary containment for liquids. A separate section (equal size to the other two aforementioned storage areas) shall be provided for each waste type as much as possible and include flammables, corrosives (acid and base), reactive metals, oxidizers, and reactive organics.

4.7 ROADS NETWORK

Design and construct the entire asphalt road network based on an analysis of geotechnical data.

The road layout shall provide ease of access to entrance points, buildings, loading ramps and docks, vehicle maintenance facilities, fuel points, trash collection points, grease traps, oil/water separators, convoy assembly area, etc. Roads shall be able to withstand 40 metric ton, 5-axle vehicles. A storm drainage system shall also be included.

The Main access and all main traffic shall be 8.0 m wide (4.0 m per lane) asphalt paving. This includes most of the inside roads except for the perimeter road. Perimeter access roads shall be 3.5 m wide per traffic lane with a stand-off distance of 3.0 m from the perimeter wall.

Provide design drawings showing detailed cross sections and road structure to comply with the Technical Requirements, Section 01015.

4.7.1 CONVOY ASSEMBLY AREA

As part of the “Roads Network” bid item, the Contractor shall design and construct an asphalt paved Convoy Assembly Area with dimensions of 100 m long x 8 m wide, and extending along the main road and in the vicinity of the ECP. The assembly area shall accommodate two (2) parallel sets of vehicles parked in formation ready for exiting the Garrison.

4.7.2 PARKING AREAS

As part of the “Roads Network” bid item, the Contractor shall design and construct aggregate parking to individual facilities based on the Concept Plan and on the parking requirements for each facility. Parking adjacent to roadways shall have drainage culverts passing underneath. Parking spaces and geometry shall be shown on the site plan.

4.8 CONCRETE SIDEWALKS/FIRE LANES

Concrete sidewalks shall be required as shown on the Concept Plan and shall be designed and constructed based upon recommendations from geotechnical analysis as required herein.

The Contractor shall design and provide a network of concrete sidewalks to connect the buildings. Sidewalks shall be 1.5 m wide.

The Contractor shall design and construct fire lanes that are a minimum of 3.0 m wide and shall be designed to accommodate the existing fire trucks on base. A sidewalk may be used as a fire lane if the sidewalk is a minimum of 3.0 m wide.

4.9 HELICOPTER PAD

The Contractor shall design and construct one (1) helicopter pad that shall be located according to the attached concept plan drawings. The pad shall be designed per applicable UFC requirements.

The helicopter pad shall consist of a 30 m x 30 m unreinforced concrete pad with 7.5 m wide aggregate paved shoulders. The helicopter pad shall not be lighted for night time operations. The Helipad pavement shall be designed based on the maximum point load of the helicopters that will be using the Helipad and results from calculations from California Bearing Ratio tests on the soil. All calculations shall be shown in the design analysis. The helicopter pad shall be designed in accordance with UFC 3-260-01 located in the Appendix B.

An asphalt paved access road shall be designed and constructed to provide access to the helicopter pad. The Contractor shall design and construct an asphalt paved Staging Area of approximately 60 m x 20 m, located adjacent to the Helipad at a setback distance of minimum 30 m from the edge of the concrete pad.

4.10 MOTOR POOL AREAS

The Contractor shall design and construct Motor Pool Areas in coordination with the facilities required in this IFB. There shall be ten (10) Motor Pool areas, varying in sizes and number of facilities contained within each area, as indicated in the concept Site Plan attached in the Appendix A.

Each Motor Pool Area shall be enclosed by a 3.0 m high chain link fence with Y-channel and triple strand concertina wire and two (2) lockable double swing arm vehicle gates and two (2) lockable personnel gates. The grade shall slope away from the fence for at least 5 meters and shall be kept a minimum of 3.0 m below the top of the fence for a distance of 10 m. Construct the fence and gates per the standard design drawings attached in the Appendix B.

All motor pools shall be designed and constructed with 150 mm of aggregate surface. Allow adequate vehicle maneuver space to access all parking and facilities.

Exterior pole-mounted lighting along the fence line shall be provided to provide illumination for night-time operations and safe movement of vehicles within the motor pool compound.

4.11 TRASH COLLECTION POINT

The Contractor shall construct twenty-two (22) Trash Collection Points per the Standard Design drawings titled "Trash Collection Point" in Appendix B. Place each Trash Collection Point in locations convenient for easy removal. Locate trash points evenly spaced around the property and at each common facilities location.

4.12 PARADE GROUND

The Contractor shall design and construct a Parade Ground and shall locate it on site at a convenient location within the Concept Plan. The ground shall be graded and it shall slope to the storm drainage system to eliminate any water ponding. Contractor shall design and construct all appropriate appurtenances such as manholes, area inlets, catch basins, culverts, cleanouts, drainage swales, and other standard appurtenances for optimum system performance. The Parade Ground shall be approximately 2,240 sq.m (82 m x 27 m) compacted crushed aggregate surface to withstand traffic of 18,000-kg (20-ton) vehicles. The surface of the Parade Field shall be slightly elevated from the surrounding field, to ensure positive site drainage.

4.12.1 PARADE REVIEW STAND

As part of the "Parade Ground" bid item, the Contractor shall construct a parade field Review Stand per the standard construction drawings titled "Parade Review Stand" in Appendix B. Provide electricity, communications, loudspeakers and lighting as required.

4.13 FLAGPOLES

Provide thirteen (13) Flagpoles per the standard details attached in Appendix B. The flagpoles shall be approximately 21 m (70') high, aluminum tubes with external halyard and light beacon at finial. Eight (8) Flagpoles

are located one at each military company / unit, as shown on the Concept Plan attached at Appendix A. The remainder of five (5) shall be located as follows:

One (1) shall be provided at each one of the two (2) ECPs and three (3) at the Parade Ground. A simple but dignified landscaping shall be provided adjacent to the each Flagpole location.

4.14 VEHICLE WASH RACKS

The Contractor shall provide a fenced compound including six elevated concrete pad vehicle Wash Racks positioned in two pairs of three each, as indicated on the site Concept Plan. The Vehicle Wash Racks shall be built according to the construction drawings attached in Appendix B and as per the requirements of Section 01015.

The Vehicle Wash Racks shall be provided with water service by a pressure pump connected to the nearest water source. Provide broom finish texture concrete pad and elevate with appropriate slope for drainage run-off to a trench drain. Extend drainpipes from trench drain away from the wash stations, with grit chambers, an oil/water separator, and clean outs, and tie into the storm drainage system.

The Wash Rack compound shall be enclosed in a chain link fence with two (2) vehicular gates. All surface inside the compound up to the elevated concrete racks, shall be designed and constructed with 150 mm of aggregate surface. The Contractor shall allow for adequate vehicle maneuver space.

4.15 AMMUNITION SUPPLY POINT – ASP

The Contractor shall design and construct an Ammunition Storage Point compound. The Contractor shall prepare the site and shall install sixteen (16) securable “CONEXes”, or equivalent transportable storage containers, 6,100 mm x 2,440 mm x 2,440 mm (20' x 8' x 8') each. Earth separation shall be provided by filling the space between CONEX areas. The compound shall be secured by installing a double stacked “Hesco” type bastion and concertina wire at top, at the entire perimeter. A double swing, lockable, access gate and drop arm barrier shall be installed at the only vehicular access point into the compound. The ASP should have 380 m safety setback radius measured from the perimeter outwards and all around the compound. The Contractor shall design and construct an entry control point for access into the compound. The entry control point shall include Jersey barriers, staggered vehicular approach path approaching the gate, etc., to construct a complete, secure and fully operational ASP. The contractor would also provide asphalt vehicle access and parking.

All traffic surface inside the compound shall be elevated and graded for positive drainage and it shall be designed and constructed with asphalt paving per the requirements in Section 01015. The Contractor shall allow for adequate vehicle maneuver space.

Site area lighting shall be installed at each entry door into individual “conexes”, to illuminate an area approximately 30 m away the doors. Provide exterior lighting at each corner of the ASP compound sufficient to light an area of a 30 m radius.

4.16 VEHICLE REFUELING POINT / EXPANSION

The Contractor shall design and construct an expansion to the existing Vehicle Refueling Point, including Dispensers and Dispenser Islands and with additional fuel tank capacity as follows: 38,000 liters (10,000 gal) of Diesel and 10,000 liters (2,600 gal) of MOGAS. **The Contractor shall provide a full supply of fuel to the tanks at the time of turnover to the Government.**

Provide maneuver areas for the dispensers and area for fuel truck deliveries. Grade and level the parking area to match the adjacent existing with appropriate slope and drainage to tie into the storm drainage system.

Provide 200 mm diameter by 1,000 mm high concrete-filled steel bollards around the new pumps to prevent damage from vehicles. Around the fuel pumps and dispensers there shall be a concrete hard surface pad. The concrete hard surface pad shall extend for the full length of the dispensing area as shown in the standard drawings. Provide explosion proof lighting, and fire extinguishers. Provide electrical service to the fuel pumps in accordance with the manufacturer’s recommendations. Provide area lighting for general illumination of vehicle fuel dispensing areas. Each refueling point shall have a metal roof canopy per the standard construction drawings attached in the Appendix B.

All new fuel tanks shall be installed above ground to the requirements of Section 01015. The storage tanks shall have adequately protected distribution lines to the vehicle refueling points. The tanks shall be surrounded by concrete T-walls (Alaska barriers) and have a canopy structure to keep precipitation out of the tank pit.

4.17 ELECTRICAL DISTRIBUTION SYSTEM

The new electrical distribution system shall be underground. The electrical distribution system shall provide electricity to all facilities requiring power. All electrical design and installation shall meet NEC requirements. All wiring shall be run and pulled through conduits. Electrical receptacles shall be provided as indicated. Conductors and circuits shall be sized for the specific design loads. The Contractor shall connect to the existing electrical system. All electrical design and installation shall meet British Standard BS 7671 requirements. All wiring shall be run and pulled through conduits. Electrical receptacles shall be provided as indicated. Conductors and circuits shall be sized for the specific design loads. Primary voltage shall be 15kV, 50Hz. Secondary voltage shall be 220/380V, 50Hz.

4.18 POWER GENERATION

The Contractor shall expand the existing centralized garrison power system. The Contractor shall coordinate the construction of this facility with paragraph, Power Plant Building, in this Section. All materials, finishes, and equipment shall comply with the requirements of Section 01015.

Power System: The Contractor shall design and construct a power system for supply to all buildings to include generation with fuel storage. All electrical design and installation shall meet British Standard BS 7671 requirements. Primary voltage shall be 15kV, 50Hz. Secondary voltage shall be 220/380V, 50Hz. The power plant shall include prime power generators, switchgear, and all appurtenances necessary to meet the current design and anticipated additional electrical demand (spatial capacity to add generator(s)).

Generators: Generation shall be supplied by six (6) individual 1.0 megawatt (1.25 megawatt NOMINAL) capacity generators for supply and distribution to all buildings to include generation with fuel storage and underground electrical distribution.

The Contractor shall reference the Concept Plan for location details, standardized design drawings in the Appendix, and Section 01015 for design details and as a guide for layout.

The Generators shall be all weather generators suited for outdoor operation at 50° C. The generators shall be provided with a synchronizer switch, so that when the total power demanded from one generator reaches 90 percent of the generator's maximum, an additional generator shall automatically start and supplement the running generator(s), sharing the load between the generators equally.

The Contractor shall install the generators with connections to the fuel supply tank, complete transmission/distribution system, transformers, panels and all other required appurtenances for a basic, fully operational system. All day tanks shall have concrete spill containment that shall have the capacity to hold 110% of the day tank fuel storage.

The Contractor shall connect the generators to the concrete pad. The generator pad shall have vibration isolators and the capability to dampen vibration to the surrounding ground through the use of foam plastic and sand.

The Contractor shall design and construct a steel canopy with detachable roof to cover all new generators. The canopy shall be sized to extend a minimum of 2 m beyond the footprint of the generator pad.

All generators shall be spaced apart a minimum of manufacturer's recommendations for spacing. All generator exhaust shall be routed to penetrate the canopy roof.

4.18.1 FUEL STORAGE

As part of the "Power Generation" bid item, the Contractor shall provide and install additional fuel storage tanks at the existing power plant.

Minimum increase in the power plant fuel storage capacity for a 30-day supply shall be 150,000 l (40,000 gal). **The Contractor shall provide a full supply of fuel to ALL the tanks at the time of turnover to the Government.**

The location for the new fuel storage tanks shall be adjacent to the existing tank farm system. The storage tanks shall be as per the requirements of Section 01015. The tanks shall be surrounded by concrete T-walls (Alaska barriers) and secured with fence with lockable entry gate. Tanks shall be provided with remote off-loading capabilities. The Contractor shall provide fuel truck access to the fuel off-loading area that is capable of supporting the expected weight.

4.19 COMMUNICATIONS SYSTEM

The Contractor shall design, provide, and install the exterior and interior communications infrastructure. The exterior communications infrastructure shall provide a looped communication system for perimeter security functions. The communications duct bank shall run to all guard towers, guard Shacks, ECPs, and back to the central Communications Room located in Headquarters Building.

The interior communications infrastructure shall provide a pathway to all communications outlets and head-end equipment located in the building. Communications head-end equipment, cabling, RJ45 jacks, and faceplates shall be provided by others. The design and construction of the systems shall be in accordance with the references and the requirements contained herein and in Section 01015.

4.20 LOUDSPEAKER AND ALARM SYSTEM

Install Loud Speaker & Alarm System that can alert the entire compound via panic button from any tower or guard post station. Speaker & Alarm System shall be exterior grade components to withstand severe weather conditions of cold, heat, rain, sleet, and dust storms and to be completely understandable during these conditions from any point within the compound. All wires shall be installed in conduits.

4.21 OPTIONAL ITEMS

4.21.1 WELL HOUSE AND WATER WELL SYSTEM (OPTION ITEM)

As an Option for the Government, the Contractor shall construct an water well house, flow meters, well pumps, controls, hypochlorite disinfection system and all piping for the well. The well house shall be constructed per the standard drawings in Appendix B titled "Well House". The Contractor shall design and install a submersible pump to provide maximum water production based upon depth of well, well diameter, personnel requirements and aquifer characteristics.

The Contractor shall design and construct a complete, functioning water well system to meet the requirements of Section 01015 and in accordance with the AED Design Requirements, latest version.

The Contractor shall enclose the well facility (10 m x 10 m area) with 3 m high perimeter fence. All gates shall be swinging gates for these facilities. The Contractor shall construct the fencing per the standard details in Appendix B.

5. COMPLETION OF WORK

The order of construction for all buildings and facilities shall be prioritized. The contractor shall construct in accordance with the Construction Priority Schedule and the requirements specified in Section 00150, Site-Adapt Process.

All work required under this contract shall be completed within 550 calendar days including Government review time from Notice-to-Proceed (NTP) for site work.

All work under this contract shall be completed and buildings ready for beneficial occupancy in accordance with the Construction Priority Schedule. The Required Period of Performance is stated in Days following the NTP/Award Date, as described in the Table 10-1 below:

Table 10-1 Construction Priorities Schedule

PRIORITY 1: 270 Days Completion from NTP		
SUMMARY	SITE WORK AND FACILITIES	UNITS
Infrastructure & Utilities	Geotechnical Investigation & Demolition	n/a
	Site Grading and Drainage	n/a
	Water Distribution System including Water Well & Well House	As required
	Wastewater Treatment Plant w/ Lagoon incl. Effluent Station, Lagoon, Retaining, etc.	As required
	Site Power & Electrical Distribution System	As required
Force Protection	Secondary Entry Control Point incl. Drop Arm Barrier, Floodlights, Jersey Barrier, Sliding Gate, etc.	1
	Stone Perimeter Wall	0
	Guard Towers (9 existing; additional 6 needed)	6
	Guard Shack at ECP 2	1
	Bunkers	As required
GSU Garrison Support Unit	Flagpole at ECP 2	1
	GSU Administration Building	1
	Battalion Storage Bldg.	1
	Vehicle Maintenance Bldg.	1
	POL Building	1
Common Facilities	Motor Pool Area & Fence	1
	Tactical Operations Center (TOC)	1
PRIORITY 2: 360 Days Completion from NTP		
SUMMARY	FACILITIES TO BE CONSTRUCTED	UNITS
CSS - Combat Support Service Battalion	Battalion HQ Building	1
	Officers Barracks	1
	NCO Barracks	1
	Combo NCO/Enlisted Barracks	1
	Enlisted Barracks	2

	Small Latrine Bldg.	3
	Training Building	1
	Small Arms Storage Bldg.	1
	Battalion Storage Bldg.	2
	Vehicle Maintenance Bldg.	3
	POL Building	3
	Motor Pool Area & Fence	1
	Clotheslines / 2 per barrack	10
	Bunkers / per Site Plan	As required
	Flagpole	1
CS / RCC Combat Support Battalion / Route Clearing Company	CS Battalion HQ Building	1
	RCC Administration Building	1
	Officers Barrack	1
	NCO Barracks	1
	Combo NCO/Enlisted Barracks	2
	Enlisted Barracks	2
	Small Latrine Bldg.	4
	Training Building	1
	Small Arms Storage Bldg.	2
	Battalion Storage Bldg.	2
	Vehicle Maintenance Bldg.	3
	POL Building	3
	Motor Pool Area & Fence	1
	Clotheslines / 2 per barrack	12
	Bunkers	As required
	Flagpole	1
Military Police	MP Administration Building	1
	NCO Barracks	1
	Small Latrine	2
	Small Arms Storage Bldg.	1

	Vehicle Maintenance Bldg.	1
	Motor Pool Area & Fence	1
	POL Building	1
	Clotheslines / 2 per barrack	2
	Bunkers	As required
	Flagpole	1
Three Infantry Kandaks	Battalion HQ Building	3
	Officers Barracks	3
	NCO Barracks	6
	Enlisted Barracks	12
	Small Latrine Bldg.	6
	Large Laundry / Latrine Bldg.	3
	Training Building	3
	Small Arms Storage Bldg.	3
	Battalion Storage Bldg.	3
	Vehicle Maintenance Bldg.	3
	POL Building	3
	Motor Pool Area & Fence	3
	Clotheslines / 2 per barrack	42
	Bunkers	As required
	Flagpole	3
Common Facilities	Dining Facility - DFAC	1
PRIORITY 3: 450 Days Completion from NTP		
SUMMARY	FACILITIES TO BE CONSTRUCTED	UNITS
Transient Battalion	Transient Headquarters Building	1
	Officers Barracks	1
	NCO Barracks	2
	Enlisted Barracks	4
	Small Latrine Bldg.	2
	Large Laundry / Latrine Bldg.	1
	Training Building	1
	Small Arms Storage Bldg.	1

	Battalion Storage Bldg.	1
	Vehicle Maintenance Bldg.	1
	POL Building	1
	Motor Pool & Fence	1
	Clotheslines / 2 per barrack	14
	Bunkers	As required
	Flagpole	1
Common Facilities	Classroom Building	2
	Department of Public Works Bldg. - DPW	1
Partnering Team Facility	PT Administration Building	1
	Training Building	1
	Bunkers	As required
	Flagpole	1
PRIORITY 4: 550 Days Completion from NTP		
SUMMARY	FACILITIES TO BE CONSTRUCTED	UNITS
Common Facilities	Refueling Point Fuel Storage Expansion	As required
	Troop Medical Center	1
	Post Exchange - PX	1
	Fitness Center Building	1
	Detention Center Building	1
	Parade Review Stand	1
	Parade Ground	1
	Flagpoles @ Parade Review Area	3
	Helipad Facility	1
	Troops Staging Area	1
	Ammunition Supply Point – ASP	1
	Vehicle Wash Racks (# of racks)	6
	Convoy Assembly Area	1
	Trash Collection Points	22
	Incinerator Facility Incl. 3 Incinerators, Sorting, Storage Bins, Ash Bins, Recycle, Fence, etc.	As required

	Waste Management Office Bldg.	1
	Communications System	As required
	Roads Network	As required
	Parking Areas	As required
	Concrete Sidewalks	As required
	New Flagpole at Existing Main ECP	1

END OF SECTION

**SECTION 01060
SPECIAL CLAUSES**

1 GENERAL

1.1 PRECONSTRUCTION CONFERENCE

1.1.1 SCHEDULE OF MEETING

At the earliest practicable time, prior to commencement of the work, the Contractor and any Subcontractors whose presence is necessary or requested, shall meet in conference with representatives of the Contracting Officer to discuss and develop a mutual understanding relative to the details of the administration and execution of this contract. This will include but not necessarily be limited to the Contractor's Quality Control (CQC) Program, the Contractors Accident Prevention Program, submittals, correspondence, schedule, access to the work site, security requirements, interface requirements, temporary facilities and services, hazards and risks, working after normal hours or on weekends or holidays, assignment of inspectors, representations, special requirements, phasing, and other aspects of this project that warrant clarification and understanding.

1.1.2 MEETING MINUTES

It shall be the responsibility of the Contractors CQC System Manager to prepare detailed minutes of this meeting and submit those minutes to the Contracting Officer for approval within three (3) workdays. Any corrections deemed necessary by the Contracting Officer shall be incorporated and resubmitted within two (2) calendar days after receipt. Upon approval of the minutes by the Contracting Officer, the Contractor shall distribute the minutes to all parties present or concerned.

1.2 AREA USE PLAN

The Contractor shall submit to the Contracting Officer, within ten (10) calendar days after award of this contract, an Area Use Plan designating intended use of all areas within the project boundaries. This plan shall include, but not necessarily be limited to the following: the proposed location and dimensions of any area to be fenced and used by the Contractor; construction plant and building installations/the number of trailers and facilities to be used; avenues of ingress/egress to the fenced areas and details of the fence installation; drawings showing temporary electrical installations; temporary water and sewage disposal installations; material storage areas; hazardous storage areas. Any areas that may have to be graveled shall also be identified. The plan shall also include a narrative description of the building structural system, the site utility system and the office or administration facilities. The Contractor shall also indicate if the use of a supplemental or other staging area is desired. The Contractor shall not begin construction of the mobilization facilities prior to approval by the Contracting Officer of the Area Use Plan described herein.

1.3 CONTRACTOR'S MOBILIZATION AREA

The Contractor will be permitted to use an area approved by the Contracting Officer within the contract limits for operation of his construction equipment and plants, shops, warehouses, and offices. Utilities will be provided for the Contractor as described below. The Contractor is responsible for obtaining any required additional mobilization area above that designated. The construction site shall be cleared of construction debris and other materials and the area restored to its final grade.

1.3.1 CONTRACTOR'S TEMPORARY FACILITIES

1.3.1.1 GENERAL

All facilities within the Contractor's mobilization area shall be of substantial construction suitable for the local weather conditions. Sanitary facilities shall meet the requirements of Corps of Engineers, Safety and Health Requirements Manual EM 385-1-1. Local nationals will not be granted any privileges under this contract. Government provided services are for American and Foreign national contractors only.

1.3.1.2 ADMINISTRATIVE FIELD OFFICES

The Contractor may provide and maintain administrative field office facilities within the mobilization area at the designated site. Government office and warehouse facilities will not be available to the Contractor's personnel.

1.3.1.3 STORAGE AREA

The Contractor shall construct a temporary 1.8 meter (6 foot) high chain link fence around trailers and materials. The fence shall include plastic strip inserts, colored green or brown, so that visibility through the fence is obstructed. Fence posts may be driven, in lieu of concrete bases, where soil conditions permit. Trailers, materials, or equipment shall not be placed or stored outside the fenced area unless approved in writing by the Contracting Officer.

1.3.1.4 PLANT COMMUNICATION

Whenever the Contractor has the individual elements of its plant so located that operation by normal voice between these elements is not satisfactory, the Contractor shall install a satisfactory means of communication, such as telephone or other suitable devices. If radio communication is approved by Contracting Officer / installation security office, frequency selection shall be approved by Contracting Officer to prevent interference with installation operations. Such devices shall be provided by the Contractor and made available for use by Government personnel as requested.

1.3.1.5 APPEARANCE OF MOBILIZATION SITE FACILITIES AND/OR TRAILERS

Mobilization Site Facilities and/or Trailers utilized by the Contractor for administrative or material storage purposes shall present a clean and neat exterior appearance and shall be in a state of good repair. Trailers or other transportable structures which, in the opinion of the Contracting Officer, require exterior painting or maintenance will not be allowed on the construction site until such work or maintenance has been performed to the satisfaction of the Contracting Officer.

1.3.1.6 MAINTENANCE OF STORAGE AREA

Fencing shall be kept in a state of good repair and proper alignment. Should the Contractor elect to traverse unpaved areas which are not established roadways with construction equipment or other vehicles, such areas shall be covered with a layer of gravel as necessary to prevent rutting and the tracking of soil onto paved or established roadways; gravel gradation shall be at the Contractor's discretion.

1.3.1.7 SECURITY PROVISIONS

Adequate outside security lighting shall be provided at the Contractor's temporary facilities. The Contractor shall be responsible for the security of its own facilities and equipment in accordance with Contract Section 01040.

1.3.1.8 SANITATION

- a. Sanitary Facilities: The Contractor shall be responsible for maintaining such facilities at no expense to the Government.
- b. Trash Disposal: The Contractor shall be responsible for collection and disposal of trash from the work areas and from the mobilization area. General construction debris and demolition debris shall be collected and transported by the Contractor to a location designated by the Government. Construction debris, waste materials, packaging material and the like shall be removed from the work site daily. Loose debris capable of being windblown, shall be immediately placed in sealed or covered containers to prevent it from being blown onto taxiways or runways. Any dirt or soil that is tracked onto paved or surfaced roadways shall be cleaned daily. Materials resulting from demolition activities that are salvageable shall be stored within the fenced area described above. Stored material not indoors, whether new or salvaged, shall be neatly stacked when stored.

1.3.1.9 TELEPHONE

The Contractor shall make arrangements to install and pay all costs for telephone facilities desired.

1.3.1.10 RESTORATION OF STORAGE AREA

Upon completion of the project and after removal of mobilization facilities, trailers, materials, and equipment from within the fenced area, the fence shall be removed and will become the property of the Contractor. Areas used by the Contractor for the storage of equipment or material, or other use, shall be restored to the original or better condition. Gravel used to traverse unpaved areas shall be removed and all such areas restored to their original conditions.

1.3.2 PROTECTION AND MAINTENANCE OF TRAFFIC

During construction the Contractor shall provide access and temporary relocated roads as necessary to maintain traffic. The Contractor shall maintain and protect traffic on all affected roads during the construction period except as otherwise specifically directed by the Contracting Officer. Measures for the protection and diversion of traffic, including the provision of watchmen and flagmen, erection of barricades, placing of lights around and in front of equipment and the work, and the erection and maintenance of adequate warning, danger, and direction signs, shall be as required by the Host Nation and base authorities having jurisdiction. The traveling public shall be protected from damage to person and property. The Contractor's traffic on roads selected for hauling material to and from the site shall interfere as little as possible with base traffic. The Contractor shall investigate the adequacy of existing roads and the allowable load limit on these roads. The Contractor shall be responsible for the repair of any damage to roads caused by construction operations.

1.3.2.1 USE OF EXISTING ROADS AS HAUL ROUTES

The Contractor shall be responsible for coordinating with the base authorities for use of any existing roads as haul routes. Construction, and routing of new haul roads, and/or upgrading of existing roads to carry anticipated construction traffic shall be coordinated with the Base authorities and is the sole responsibility of the Contractor.

1.3.2.2 EMPLOYEE PARKING

The Contractor's employees may be allowed parking on the military installation. The Contractor is responsible for transporting workers (local nationals) from off post to the worksite, coordinating security identification screening, and cooperating in gate searches with the base authorities. The government reserves the right to terminate any and all contractor parking at any time.

1.3.3 TEMPORARY PROJECT SAFETY FENCING AND BARRICADES

The Contractor shall impose all measures necessary to limit public access to hazardous areas and to ensure the restriction of workers to the immediate area of the construction and mobilization site. The Contracting Officer may require in writing that the Contractor remove from the work any employee found to be in violation of this requirement. Contractor shall be responsible for fencing off individual project sites within the total contract limits to control safe access to individual project areas and to control movement of personnel and materials.

1.3.3.1 BARRICADES

Barricades shall be required whenever safe public access to paved areas such as roads, parking areas or sidewalks is prevented by construction activities or as otherwise necessary to ensure the safety of both pedestrian and vehicular traffic. Barricades shall be securely placed, clearly visible with adequate illumination to provide sufficient visual warning of the hazard during both day and night. Travel to and from the project site shall be restricted to a route approved by the Contracting Officer.

1.3.4 HOST NATION AUTHORIZATIONS, PERMITS AND LICENSES

It shall be the Contractor's responsibility to obtain such local authorizations, permits and licenses necessary to establish his quarry operations, batching operations and haul routes (See Special Clause entitled: COMPLIANCE WITH HOST COUNTRY RULES AND CUSTOMS).

1.4 RESPONSIBILITY FOR PHYSICAL SECURITY

Prior to mobilization, the Contractor shall submit his proposed means of providing project security to meet the

requirements of Contract Section 01040 and prevent unauthorized access to equipment, facilities, materials and documents, and to safeguard them against sabotage, damage, and theft. The Contractor shall be responsible for physical security of all materials, supplies, and equipment of every description, including property which may be Government-furnished or owned, for all areas occupied jointly by the Contractor and the Government, as well as for all work performed.

1.5 DUST CONTROL

The Contractor shall be required to control objectionable dust in the work areas, access roadways, and haul roads by means of controlled vehicle speeds or dust palliatives. Vehicles transporting sand, cement, gravel or other materials creating a dust problem shall be covered, as directed by the Contracting Officer, or in accordance with local Laws, codes, and regulations.

1.6 DIGGING PERMITS

1.6.1 REQUIREMENTS FOR DIGGING PERMITS

Prior to the start of any work activity that requires excavation within the current base, the Contractor shall obtain a digging permit.

1.6.2 REQUESTS FOR DIGGING PERMITS

Requests for Digging Permits shall be submitted to Contracting Officer a minimum of seven (7) days prior to the start of the work activity covered by the permit. The request for a Digging Permit shall include a narrative description of the work to be performed and a detailed map of the area of the excavation clearly marking the location of all known utilities or other obstructions. If the work activity covered by the Digging Permit request also requires a utility outage, a separate request for the outage shall be submitted in accordance with the paragraph entitled CONNECTIONS TO EXISTING UTILITIES.

1.6.3 PREPARATION OF REQUESTS FOR DIGGING PERMITS

Prior to submitting a request for a Digging Permit, the Contractor shall carefully review the area to be excavated to determine the location of existing utilities and other obstructions. The Contractor will review available drawings and will conduct a visual inspection of the site. The Contractor will utilize underground utility detecting devices such as metal and cable detectors to determine the location of existing utilities. All utility lines found shall be clearly flagged or marked and the location of the utility shall be shown on the drawing to be submitted with the request for Digging Permit.

1.6.4 EXISTING UNDERGROUND UTILITIES

The Contractor shall exercise utmost care in researching locations of existing utilities and reducing damage to existing utilities. Any utilities damaged by the Contractor shall be promptly repaired by the Contractor. The Contracting Officer will review and approve any proposed repairs. Any damage to existing utilities will be immediately reported to the Contracting Officer and the Base Commander.

1.7 CONNECTIONS TO EXISTING UTILITIES

1.7.1 GENERAL

Any outage involving disruption of electrical service beyond the site area shall be requested in writing at least ten (10) days in advance of the date requested for the commencement of the outage. The Contractor shall provide a request, detailing the type of outage needed (water, sewer, electrical, steam, etc.), the time needed to perform the work, the reason for the outage, and the known affected facilities. The Contracting Officer shall be contacted prior to the outage to confirm the time and date. If the Contractor fails to initiate work at the approved time, the Contracting Officer may cancel the approved outage and may direct the Contractor to resubmit a new request. No part of the time lost due to the Contractor's failure to properly schedule an outage shall be made the subject of claim for extension of time or for excess costs or damages by the Contractor.

1.7.2 EXISTING UNDERGROUND UTILITIES

The Contractor is provided notice that existing utilities may be present in the construction area. The Contractor shall exercise the utmost care in researching locations of existing utility lines by implementing control measures to eliminate, or reduce to a level acceptable to the Contracting Officer, the chance of damaging or destroying existing utilities.

1.7.3 USE OF UNDERGROUND UTILITY DETECTING DEVICE

Prior to any excavation, a metal and/or cable-detecting device shall be used along the route of the excavation. All underground utilities discovered by this method will be flagged a minimum distance of one-half (1/2) meter on each side of the location.

1.7.4 HAND EXCAVATION

Hand excavation methods and special supervisory care shall be used between any flagged markers, in areas of known or suspected hazards, and in areas known or suspected to have multiple and/or concentrated utility lines or connections.

1.7.5 REPAIR OF DAMAGED UTILITIES

The Contractor shall be responsible to repair any utilities damaged by him. The method of repair and schedule for performance of the repair shall be coordinated with, and subject to the approval of, the Contracting Officer. The repair work and any temporary work required to keep the system operational while repairs are being completed, shall be performed at no cost to the Government.

1.8 TEMPORARY OUTAGES OF EXISTING SERVICES

To minimize outage impact to the mission of the installation, all outages shall be scheduled on weekends or from 2100 – 0530 hours on duty days and/or as directed by Contracting Officer Representative (COR). The period proposed for performance of the outage shall include sufficient contingencies to preclude impact to the peak working hours 0530 – 1800 hours during the workweek.

1.9 WATER

The Contractor shall install and maintain necessary supply connections and piping for same, but only at such locations and in such manner as may be approved by the Contracting Officer. Water required for final testing, adjusting and balancing of HVAC systems will be furnished by the Government. Before final acceptance of systems, or facilities, all temporary connections and piping installed by the Contractor shall be removed at his expense in a manner satisfactory to the Contracting Officer.

1.10 ELECTRICITY

Electrical service is not available for use under this contract; therefore all electric current required by the Contractor shall be the responsibility of the Contractor, furnished at his own expense. The Contractor shall provide diesel generators to meet his demand requirements. The means of doing so, such as by temporary distribution systems, shall be the responsibility of the Contractor. All temporary connections for electricity shall be subject to the approval of the Contracting Officer and shall comply with Corps of Engineers manual EM 385-1-1 entitled Safety and Health Requirements Manual. All temporary lines shall be furnished, installed, connected and maintained by the Contractor in a workmanlike manner satisfactory to the Contracting Officer. Before final acceptance of systems, or facilities, all temporary connections installed by the Contractor shall be removed at his expense in a manner satisfactory to the Contracting Officer.

1.11 WORK OUTSIDE REGULAR HOURS

If the Contractor desires to carry on work outside regular base duty hours, or on holidays, including the following U.S. holidays: New Year's Day, Martin Luther King Jr Birthday, President's Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving and Christmas. the Contractor shall submit an

application to the Contracting Officer. Due to reliance upon local national laborers and time off due to local observances, there may be disruptions. Potentials dates are the following local observances: National Islamic Holiday of Ashura, Ramadan (actual date varies – check with local authorities). The Contractor shall allow ample time to enable satisfactory arrangements to be made by the Government for inspecting the work in progress. At night, exterior lighting shall be provided in conformance with EM-385-1-1 entitled "Safety and Health Requirements Manual".

1.11.1 EXTERIOR NIGHT LIGHTING

Exterior night lighting shall be provided in conformance with EM-385-1-1 entitled Safety and Health Requirements Manual.

1.12 SCHEDULING OF WORK IN EXISTING FACILITIES

As soon as practicable, but in any event not later than thirty (30) calendar days after award of this contract, the Contractor shall meet in conference with the Contracting Officer, or his duly authorized representatives, to discuss and develop mutual understanding relative to the scheduling of work in and access to the existing facilities where work has to be performed under this contract, so that the Contractor's proposed construction schedule is coordinated with the operating and security requirements of the installation.

1.13 SPECIAL FACILITIES AND SERVICES TO BE FURNISHED BY THE CONTRACTOR

The Contractor shall furnish the facilities and services listed in this clause for Corps of Engineers personnel and other persons as designated by the Contracting Officer. All facilities, furnishings, materials, and equipment shall be new when furnished at the site. The Contractor shall fully maintain and repair all facilities, furnishings and equipment listed below. All facilities, furnishings, materials, and equipment furnished and/or installed by the Contractor under this clause shall remain the property of the Contractor at the completion of the contract. Facility structures shall be modular or containerized, suitable for easy movement at a later date.

1.14 CERTIFICATES OF COMPLIANCE

Any certificates required for demonstrating proof of compliance of materials with specification requirements shall be executed in accordance with Section 01335 SUBMITTAL PROCEDURES FOR DESIGN/BUILD. Each certificate shall be signed by an official authorized to certify in behalf of the manufacturing company involved and shall contain the name and address of the Contractor, the project name and location, description and the quantity of the items involved, and date or dates of shipment or delivery to which the certificates apply. Copies of laboratory test reports submitted with certificates shall contain the name and address of the testing laboratory and the date or dates of the tests to which the report applies. Certification shall not be construed as relieving the Contractor from furnishing satisfactory material.

1.15 ACCIDENT PREVENTION

The Contractor shall comply with all applicable Host Country laws and with such additional measures as the Contracting Officer may find necessary in accordance with CONTRACT CLAUSE 52.236-13 entitled ACCIDENT PREVENTION (NOV1991)-ALTERNATE 1 (APR 1984). Applicable provisions of the Corps of Engineers manual entitled Safety and Health Requirements Manual EM 385-1-1 will be applied to all work under this contract. The referenced manual may be obtained from the Contracting Officer at the jobsite or from the Afghanistan Engineer District at Kabul, Afghanistan.

1.15.1 ACCIDENT PREVENTION PROGRAM

Within fifteen (15) days after award of this contract, and at least ten (10) days prior to the accident prevention pre-work conference, four (4) copies of the Accident Prevention Plan required by the CONTRACT CLAUSE 52.236-13 entitled ACCIDENT PREVENTION (NOV 1991)- ALTERNATE I shall be submitted for review by the Contracting Officer. The Contractor shall not commence physical work at the site until the Accident Prevention Plan (APP) has been reviewed and accepted by the Contracting Officer. The APP shall meet the requirements listed in Appendix "A" of EM385-1-1. The program shall include the following: TAC Form 61 " Accident Prevention

Program Hazard Analysis (Activity Hazard Analysis)" fully completed and signed by an executive officer of the company in block No. 13. The Activity Hazard Analysis is a method in which those hazards likely to cause a serious injury or fatality are analyzed for each phase of operations. Corrective action is planned in advance, which will eliminate the hazards. An analysis is required for each new phase of work. On large or complex jobs the first phase may be presented in detail with the submittal of the Accident Prevention Plan rather than presenting the complete analysis. If the plan is to be presented in phases, a proposed outline for future phases must be submitted as a part of the initial Accident Prevention Plan submittal. Accident Prevention Plans will be reviewed for timeliness and adequacy at least monthly with a signature sheet signed and dated documenting that these reviews took place. The Contractor shall provide a copy of company policy statement of Accident Prevention and any other guidance as required by EM 385-1-1, Appendix A.

1.15.2 GROUND FAULT CIRCUIT INTERRUPTER (GFCI) REQUIREMENT – OVERSEAS CONSTRUCTION

The Corps of Engineers Health and Safety Manual, EM 385-1-1, section 11.D.05.b. states: "The GFCI device shall be calibrated to trip within the threshold values of 5 ma +/- 1 ma as specified in Underwriters Laboratory (UL) Standard 943." A variance from USACE has been granted allowing 10 ma, in lieu of 5 ma, for overseas activities that use 220 Volts (V)/50 hertz (Hz) electrical power.

1.15.3 TEMPORARY POWER - ELECTRICAL DISTRIBUTION BOXES

EM 385-1-1 section 11.A.01.a. states, "All electrical wiring and equipment shall be a type listed by a nationally recognized testing laboratory for the specific application for which it is to be used." This includes temporary electrical distribution boxes. Locally manufactured electrical boxes will not be allowed. Only manufactured electrical distribution boxes that meet the European CE requirements, with 10 ma CE type GFCIs installed shall be allowed.

Contractors shall:

- a. Make no modifications that might void any CE or manufacturer certification.
- b. Test the installed systems to demonstrate that they operate properly and provide the 10 ma earth leakage protection.
- c. Ensure GFCIs will have an integral push-to-test function. The testing shall be performed on a regular basis.
- d. Check that proper grounding is checked regularly and flexible cords, connectors, and sockets inspected before each use.

1.16 HAZARDOUS MATERIALS

Should the Contractor encounter asbestos or other hazardous materials, during the construction period of this contract, he shall immediately stop all work activities in the area where the hazardous material is discovered. The Contractor shall then notify the Contracting Officer; identify the area of danger; and not proceed with work in that area until given approval from the Contracting Officer to continue work activities. Hazardous material is considered to be asbestos, explosive devices, toxic waste, or material hazardous to health and safety. The Contractor shall secure the area from daily traffic until it is safe to resume normal activities.

1.17 SPARE PARTS

1.17.1 GENERAL

The requirements of this clause are in addition to any requirements for the provision of specific spare parts to be provided by the Contractor included in Technical Provisions. The Contractor shall furnish spare parts under the provisions of this clause for all equipment for which O&M data is to be provided under Clause OPERATION AND MAINTENANCE (O&M) DATA of this contract. The term "spare parts" as used herein shall include spare parts, special tools and test equipment.

1.17.2 SELECTION OF SPARE PARTS TO BE FURNISHED

The Contractor shall provide a one (1) year's supply of spare parts based upon the Manufacturer's

recommendations. The Contractor shall provide master parts lists and lists of special tools and test equipment as a part of the equipment O&M data required by Clause OPERATION AND MAINTENANCE (O&M) DATA. The master parts list shall include the supplier's price for each part.

1.17.3 PROCUREMENT AND DELIVERY OF SPARE PARTS

The Contractor shall procure and be responsible for delivery, receipt, handling, placing in storage, inventory, and turnover to the Contracting Officer all spare parts selected by the Contracting Officer. The Contractor is responsible to have one (1) year supply of manufacturer's recommended spare parts on site ready to turn over to the Contracting Officer at the time of acceptance of the facility.

1.17.3.1 SHIPMENT AND DELIVERY

The Contractor shall be responsible for the shipment and delivery of spare parts to the location on or near the site in Afghanistan as selected by the Contracting Officer. The Contractor shall provide all manpower and equipment required to receive and place into designated storage areas all spare parts purchased under this clause. The Contractor shall give the Contracting Officer thirty (30) calendar days notice of arrival at the site of the first shipment.

1.17.3.2 TURNOVER OF SPARE PARTS

The Contractor shall notify the Contracting Officer seventy-two (72) hours prior to delivery of spare parts to the designated storage area. The Contractor and the Contracting Officer will perform a joint inventory of the spare parts and the spare parts will be turned over to the Contracting Officer. Spare parts purchased under this clause shall not be used by the Contractor.

1.17.3.3 PARTS AND PACKAGE IDENTIFICATION

Prior to shipment from point of purchase, each spare part shall be tagged or otherwise marked or labeled. Such labeling may be placed or affixed to the container, box or packaging in which spare parts are located when it is not feasible to place or affix such labeling directly on each spare part. Tags or labels shall include, but not necessarily be limited to; part number, description, parent equipment name and number location, project and/or other data as directed by the Contracting Officer.

1.17.3.4 PRESERVATION AND PACKAGING INSTRUCTION

- e. Items ordered under this contract shall be preserved and packed for a minimum of three (3) years shelf life storage. All items shall be individually packaged except when the manufacturer specifies that the items are to be used in sets. Appropriate identification labels must be affixed to the items protective box or package. After the spare parts are packaged, the manufacturer shall weigh the spare parts and packaging and place the weight and size of the packaged container on the label with other information as outlined herein. Each item, not normally identified with manufacturer's name and part number, shall have an appropriate label affixed to it with manufacturer's name and part number.
- f. Machined spare parts shall be lubricated or coated in order to withstand extensive periods of storage in a highly corrosive atmosphere.
- g. Large items (greater than 22.7 kg (50 lbs.), or larger than 0.03 CM (one cubic foot) shall be packaged in waterproof wooden boxes and properly braced. Cushioning shall be used to prevent damage to the item and to the packaging material.
- h. Solid state components, such as diodes, transistors, integrated circuits or equipment consisting of such parts that can be damaged as a result of static electricity and other stray electro-magnetic fields shall be packaged in heat-sealed, aluminum foil, laminated, flexible packages.

- i. All other spare parts shall be packaged in heat sealed plastic bags or wrap. Delicate and more fragile items such as test equipment shall be cushioned or wrapped with transparent bubble wrap material prior to being inserted into the plastic package.

1.17.4 WARRANTY

All spare parts provided by the Contractor under this clause are subject to the general warranty clauses of this contract.

1.17.5 PAYMENTS FOR SPARE PARTS

Payments for spare parts specifically required in this contract shall be considered as part of those equipment costs and shall be included in bid items as appropriate. Payment for handling, delivery, inventory, turnover, customs, overhead or profit shall not be paid or allowed under this Contract Provision, and shall be included in the cost for installation of this equipment under the other appropriate bid items of this contract. Payment for the spare parts portion of the appropriate bid items will be made after the spare parts have been accepted at the site by the Contracting Officer. Payments for equipment costs under this clause shall constitute full payment for all cost of the spare parts and associated cost of preservation and packaging, and cost of surface shipment to the site. Other ancillary costs shall be included by the Contractor under the other appropriate bid items of this contract and no additional cost except as provided herein will be allowed.

1.18 OPERATION AND MAINTENANCE (O&M) DATA

1.18.1 GENERAL

The requirements contained herein are in addition to all shop drawings submission requirements stated in other sections of the specifications. The Contractor shall include the provisions for all items required under this clause in all purchase orders and sub-contract agreements. Submittals required hereinafter will not relieve the Contractor of any responsibilities under the Warranty of Construction Provisions of this contract or under the various Guarantee Clauses of the Technical Provisions.

1.18.2 SUBMITTALS

The Contractor shall submit all items requiring submission of O&M data under this and other sections of these specifications in accordance with Section 01335 SUBMITTAL PROCEDURES FOR DESIGN/BUILD of the specifications.

1.18.3 OPERATION AND MAINTENANCE (O&M) DATA

The Contractor shall furnish operation and maintenance manuals for all facilities constructed under this contract. The manuals shall be loose leaf, indexed and shall consist of manufacturer's brochures, manufacturer's operation and maintenance manuals, service and repair manuals, catalogs, service bulletins, instruction charts, diagrams, other information as necessary to support the operation and maintenance of the end items of equipment, assemblies and systems. Each type of facility (housing, barracks, mosque, etc.) shall be covered by a separate manual (or manuals) consisting of all data pertaining to the equipment and/or systems within that facility. Identical equipment within a single major system shall require only one submittal of data. The Contractor shall furnish all O&M manuals to the Contracting Officer not less than thirty (30) calendar days prior to contract completion. Required number of submittals (number of sets) shall be as specified in Section 01335 SUBMITTAL PROCEDURES FOR DESIGN/BUILD.

1.18.4 RECOMMENDED SPARE PARTS LIST

The Contractor shall furnish a recommended spare parts list containing equipment manufacturers' recommendations for five (5) years; two (2) years and one (1) year spare parts stock levels in Afghanistan. Current unit price and effective date, lead time, shelf life for each individual part, and total cost of all recommended parts shall be furnished.

1.18.5 SUPPLEMENTAL SUBMITTALS OF DATA

After initial submittal of O&M manuals and until final acceptance of all equipment, the Contractor shall prepare and deliver to the Contracting Officer supplemental technical data as previously described for all changes, modifications, revisions and substitutions to equipment and components. For equipment or systems introduced into the contract under change order, or modified by change order, supplemental data shall be furnished within forty-five (45) calendar days after issuance of the change order. The supplemental data furnished shall be properly prepared and identified for insertion into the O&M manuals.

1.18.6 FRAMED INSTRUCTIONS FOR SYSTEMS

Approved wiring and control diagrams showing the complete layout of the entire system, including equipment, piping, valves and control sequence, framed under glass or in approved laminated plastic, shall be posted, where applicable, in all mechanical equipment rooms. In addition, detailed operating instructions explaining safe starting and stopping procedures for all systems shall be prepared in typed form along with the inspections required to insure normal safe operations. The instructions shall be framed as specified above for the wiring and control diagrams and posted beside the diagram. Proposed diagrams, instructions, and other sheets shall be submitted for approval prior to posting. Operating instructions shall be posted before acceptance testing of the systems and verified during acceptance testing.

1.18.7 ADDITIONAL SUBMITTALS/RE-SUBMITTALS

The Contracting Officer reserves the right to determine whether the above specified information, as furnished by the Contractor, is adequate and complete and to require such additional submittals by the Contractor as necessary to insure that adequate information has been furnished to provide the satisfactory operation and maintenance of the various items of equipment and to fulfill the intent of the specifications. Additional submittals or resubmittals supplementing incorrect or incomplete data shall be made within thirty (30) calendar days after receiving notice by the Contracting Officer. All costs arising from these resubmissions shall be borne by the Contractor.

1.19 INSTRUCTIONS AND TRAINING FOR OPERATION AND MAINTENANCE

1.19.1 GENERAL

The Contractor shall be responsible for the instruction and training of operating and maintenance personnel as specified below and in the Technical Provisions of the specifications. Unless otherwise indicated in the Technical Provisions, operating and maintenance instructions shall be given for a minimum period as follows:

Title	Duration of Training
Mechanical Systems	10 Days
Electrical Systems	10 Days

1.19.2 OPERATION AND MAINTENANCE TRAINING

The Contractor shall provide competent instructors for training of personnel designated by the Contracting Officer to operate mechanical and electrical building systems and equipment, perform the required preventive maintenance to minimize breakdown, and to perform necessary repairs when malfunction or breakdown of equipment occurs. Such training shall consist of classroom and on-the-equipment training for the period specified, which shall be completed prior to acceptance of a system or equipment, as applicable. The instructor(s) shall have no other duties during the period of training. Classroom instruction shall not exceed fifty percent (50%) of the total training time, with the balance devoted to on-the-equipment demonstration and familiarization. Emphasis will be given to both electrical and mechanical features, in accordance with approved training plans.

1.19.3 ARRANGEMENTS

The training shall be for not less than the periods of time specified, five (5) days per week, and eight (8) hours per day, subject to review and approval by the Contracting Officer. Each individual training session shall be presented one time only, shall be videotaped in a television system compatible with the local area, and be scheduled in a

manner acceptable to the Contracting Officer. At the completion of training, the videotapes shall become the property of the Government. In addition to the Contractor's requirements to video tape each training section, the Government reserves the right to record, in any manner, the subject training material, or training sessions given by the Contractor, without additional cost to the Government.

Recordings obtained will be used in future training by the Government. The operating and maintenance manual data, as specified to be furnished in these Special Clauses, shall be used as the base material for training.

1.19.4 SCHEDULING

The Contractor shall contact the Contracting Officer for the purpose of preliminary planning, scheduling, and coordination of training, to maximize effectiveness of the training program for available operating and maintenance personnel. The Contractor shall initiate and make arrangements for such contact within thirty (30) calendar days after receipt of notification of award of contract; and shall include all significant times in scheduling and completing training in his PROJECT SCHEDULE. The Contractor shall provide a draft outline of training outline in sufficient detail to provide a broad indication of the type of scope of training to be given. It shall include but not be limited to; (a) a list of subjects to be presented; (b) estimated amounts of classroom and on-the-equipment instruction for each subject; (c) a list of minimum qualifications for instructors; and (d) discussions concerning the types and amounts of visual aids, reference materials, tools and test equipment, mock-up and other training materials that will be employed during training.

1.19.5 PRELIMINARY PLAN

The Contractor shall submit seven (7) copies of an outline of his proposed training plan to the Contracting Officer for review and approval not later than 60 calendar days after award of this contract. The plan will be reviewed and coordinated with the content of the O&M manuals.

1.19.6 PLAN

The Contractor shall submit seven (7) copies of his proposed training plan to the Contracting Officer for approval not later than ninety (90) calendar days prior to start of any training. The plan shall include the following; (a) a weekly outline showing overall form and design of training presentation; (b) a day-by-day schedule showing time intervals, the major and subordinate subjects to be covered in each, the name of the instructor(s) and qualification summary of each, and identification of related handouts; (c) summary of the number of hours of classroom and on-the-equipment training; (d) a list of reference materials to be provided by the Contractor to the trainees; and (e) a list and description of the training materials to be used, such as text, visual aids, mock-up, tools, etc. The Contractor shall be responsible for furnishing all training materials except the following: The Government will provide space, chairs, and tables for classroom training, and three (3) sets of the five (5) sets of O&M Manuals required by the Contractor per Section 01335 SUBMITTAL PROCEDURES FOR DESIGN/BUILD of the specifications. Provision of these manuals is solely for reference purposes, and in no way relieves the Contractor from providing all instruction and materials necessary for training personnel designated by the Government. All costs for resubmission of training plans, training materials, etc., as requested by the Contracting Officer shall be borne by the Contractor. Resubmittals shall be made within twenty (20) days of notice from the Contracting Officer.

1.19.7 ATTENDANCE ROSTER/TAC FORM 356

The Contractor shall develop an attendance roster or a similar document indicating each student's attendance, prior to the start of each class, subject and/or topic. This includes both "Hands-On" and classroom training. It is strongly recommended that each student trained be required to sign this document at the beginning of each class day for each and every class, subject and/or topic taught on that day. The Contractor's failure to have student attendance verified in writing may be cause for the Government to order the Contractor to repeat schooling where evidence of attendance cannot be verified. No part of the time lost due to such repeat instruction shall be made the subject of claim for extension of time or for excess costs or damage by the Contractor. Within ten (10) working days after completion of Operation and Maintenance Training conducted in accordance with this clause and/or applicable Technical Provision section, the Contractor shall complete and submit TAC Form 356 "Operation and Maintenance Training Validation Certificate". The attendance roster shall be included as an attachment to TAC Form 356.

1.20 CONTRACTOR FURNISHED EQUIPMENT LISTS

The Contractor shall furnish a list of all items, other than integral construction type items, furnished under the contract. Items such as furniture, drapes, rugs, vehicles, office machines, appliances, etc., shall fall under this category. The Contractor's list shall describe the item; give the unit price and total quantities of each. Model and serial numbers for equipment shall be provided when applicable. The Contractor shall keep an up-to-date register of all covered items and make this information available to the Contracting Officer at all times. Prior to acceptance, the Contractor shall submit the complete register to the Contracting Officer.

1.21 TIME EXTENSIONS

1.21.1 GENERAL

This provision specifies the procedure for determination of time extensions for unusually severe weather in accordance with the Contract Clause 52.249-10 entitled DEFAULT (FIXED-PRICE CONSTRUCTION) APR 1984. The listing below defines the anticipated monthly unusually severe weather for the contract period and is based on National Oceanic and Atmospheric Administration (NOAA) or similar data for the geographic location of the project. The schedule of anticipated unusually severe weather will constitute the baseline for determining monthly weather time evaluations. Upon award of this contract and continuing throughout the contract each month, actual unusually severe weather days will be recorded on a calendar day basis (including weekends and holidays) and compared to the monthly anticipated unusually severe weather in the schedule below. The term "actual unusually severe weather days" shall include days actually impacted by unusually severe weather. The Contractor's schedule must reflect the anticipated unusually severe weather days on all weather dependent activities.

Nimroz Province - Zaranj

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
13	6	1	1	0	0	0	0	0	1	4	9	35

1.21.2 WEATHER DELAYS

The number of actual unusually severe weather days shall be calculated chronologically from the first to the last day in each month. Unusually severe weather days must prevent work for fifty percent (50%) or more of the Contractor's workday and delay work critical to the timely completion of the project. If the number of actual unusually severe weather days exceeds the number of days anticipated in the paragraph above, the Contracting Officer will determine whether the Contractor is entitled to a time extension. The Contracting Officer will convert any qualifying delays to calendar days and issue a modification in accordance with the Contract Clause 52.249-10 entitled DEFAULT (FIXED-PRICE CONSTRUCTION) APR 1984.

1.21.3 OTHER DELAYS

Construction delays due to full or partial base closures due to incidents such as demonstrations, civil unrest and outright attacks will be examined on an individual basis for consideration of time extensions.

1.22 STANDARDIZATION

Where two or more items of the same type or class of product, system or equipment furnished in this project are required, the units shall be products of the same manufacturer and shall be interchangeable when of the same size, capacity, performance characteristics, and rating. The only exception to this requirement is where the items are interchangeable due to conformance with industry standards (valves, fittings, etc.); they need not be by the same manufacturer. This requirement applies to all manufactured items in the project that normally require repair or replacement during the life of the equipment.

1.23 COMPLIANCE WITH HOST COUNTRY RULES AND CUSTOMS

The laws of Host Country may prohibit access to certain areas of the country that are under military control. The Contractor shall furnish the Contracting Officer the names of personnel, type, and amounts of equipment, dates and length of time required at the site, and the purpose of entering the host country. It is understood that areas to which rights of entry are provided by the Host Government are to be used only for work carried out under the contract and no destruction or damages shall be caused, except through normal usage, without concurrence of the Host Government.

1.23.1 CONTRACTOR'S RESPONSIBILITIES

The following items are the sole responsibility of the Contractor to investigate, estimate as to cost, and assume the risk, as normally encountered by Contractors. The Contractor shall be responsible for determining the effect of the following on his own cost of performance of the contract and for including sufficient amount in the contract price:

- a. Official language and type of accounts required to satisfy the officials of the Local Government.
- b. Entry and exit visas, residence permits, and residence laws applicable to aliens. This includes any special requirements of the Host Government, including those required by local Labor Offices, which the Contractor may have to fulfill before an application for a regular block of visas will be accepted.
- c. Passports, health and immunization certificates, and quarantine clearance.
- d. Compliance with local labor and insurance laws, including payment of employer's share of contribution, collecting balance from employee and paying into insurance funds.
- e. Strikes, demonstrations and work stoppage.
- f. Collection through withholding and payment to local Government, of any Host Country income tax on employees subject to tax.
- g. Arranging to perform work in the Host Country, to import personnel, to employ non-indigenous labor, to receive payments and to remove such funds from the country.
- h. Operating under local laws, practices, customs and controls, and with local unions, in connection with hiring and firing, mandatory wage scales, vacation pay, severance pay, overtime, holiday pay, 7th day of rest, legal notice or pay in lieu thereof for dismissal of employees, slowdown and curtailed schedules during religious holidays and ratio of local labor employed in comparison to others.
- i. Possibility of claims in local bureaus, litigation in local courts, or attachment of local bank accounts.
- j. Compliance with workmen's compensation laws and contributions into funds. Provisions of necessary medical service for Contractor employees.
- k. Special license required by the local Government for setting up and operating any manufacturing plant in the Host Country, e.g. concrete batching, precast concrete, concrete blocks, etc.
- l. Sales within the host country of Contractor-owned materials, and equipment.
- m. Special licenses for physicians, mechanics, tradesmen, drivers, etc.
- n. Identification and/or registration with local police of imported personnel.
- o. Stamp tax on documents, payments and payrolls.
- p. Base passes for permanent staff, day laborers, motor vehicles, etc.
- q. Compliance with all customs and import rules, regulations and restrictions, including, but not limited to, local purchase requirements.

1.24 EMPLOYEE ACCESS TO PROJECT SITE

1.24.1 EMPLOYEE IDENTIFICATION

The Contractor shall be responsible for furnishing to each employee and for requiring each employee engaged on the work, to display identification as approved and directed by the Contracting Officer. Prescribed identification shall immediately be delivered to the Contracting Officer for cancellation upon release of any employee. When required, the Contractor shall obtain and provide fingerprints of persons employed on the project. Contractor and subcontractor personnel shall wear identifying markings on hard hats clearly identifying the company for whom the employee works.

1.24.1.1 PREPARATION OF IDENTIFICATION BADGES

The Contractor shall be required to prepare a written application inclusive color photographs and provide all materials and labor necessary to prepare an identification badge, laminated in plastic, containing the employee's name, badge number, color photo, height and weight, the name of the Contractor's organization and for requiring each employee engaged on the work to display this identification as directed by the Contracting Officer. The Contractor shall submit each application and draft badge through the Contracting Officer to the Base Security Office. A minimum of thirty-five workdays shall be allowed for Government review and certification of badges. The Base Security Office will certify each draft badge by signature, stamp, seal or any combination thereof. Upon certification by the Base Security Office, the badges will be returned to the Contractor for final preparation, lamination, and issuance. Badges shall not be taken out of country during periods of travel or absence. During such periods, the Contractor may be permitted to issue temporary identification badges.

1.24.1.2 EMPLOYEE BACKGROUND AND HISTORICAL INFORMATION

The Contractor shall be required to prepare and maintain personal background and historical information forms on each employee. These forms may be reviewed by the Base Security Office. The required information shall include but not necessarily be limited to the following:

- a. Full name.
- b. Place and date of birth.
- c. Three (3) current color photographs.
- d. Copy of Citizenship/Nationality identification.
- e. Copy of Passport.
- f. Copy of drivers license.
- g. Police Background Check.
- h. Work History.
- i. Personal background information.
- j. Copy of Work Permit and/or Visa.
- k. Permanent home of record and in-country address.
- l. Other information mandated by local law, the Base Security Regulations or that may be required to coordinate and process the necessary documentation with the government offices responsible for the approval.
- m. Registration, insurance company, policy number and expiration date for each vehicle.

1.24.2 IDENTIFICATION OF CONTRACTOR VEHICLES

The Contractor shall be responsible for requiring each vehicle engaged in the work to display permanent vehicular identification as approved and directed by the Contracting Officer. If acceptable to the Base Security Office and approved by the Contracting Officer, the Contractor may institute a system of non-permanent temporary identification for one-time delivery and transit vehicles. Each Contractor vehicle, machine, piece of equipment, or towed trailers, shall show the Contractor's name such that it is clearly visible on both front doors of the vehicle and both sides of a towed trailer. A valid license plate shall be displayed at all times. Contractor vehicles operated on Government property shall be maintained in a good state of repair, shall be insured, and shall be registered in accordance with Afghan Law.

1.24.3 SECURITY PLAN

The Contractor shall submit to the Contracting Officer a security plan as required in Contract Section 01040.

1.25 RADIO TRANSMITTER RESTRICTIONS

To preclude accidental actuation of sensitive electronic equipment, the Contractor shall not use radio-transmitting equipment without prior approval of the Contracting Officer.

1.26 PUBLIC RELEASE OF INFORMATION

1.26.1 PROHIBITION

There shall be no public release of information or photographs concerning any aspect of the materials or services relating to this bid, contract, purchase order, or other documents resulting there from without the prior written approval of the Contracting Officer.

1.26.2 SUBCONTRACT AND PURCHASE ORDERS

The Contractor agrees to insert the substance of this clause in all purchase orders and subcontract agreements issued under this contract.

1.27 ATTACHMENTS

TAC FORM 61 - Accident Prevention Program Hazard Analysis

TAC FORM 356 - Operation and Maintenance Training Validation Certificate

2 LOCAL CLAUSES

2.1 APPLICATION OF US CRIMINAL JURISDICTION

Reference DODI 5525.11. The contractor is directed to provide all of its personnel working under this contract, and to require all of its subcontractors to provide their personnel, with written notification that - with the exception of nationals of Afghanistan and those ordinarily resident in Afghanistan - contractor and subcontractor personnel, and the dependents of contractor and subcontractor personnel who are residing with such personnel, may be subject to US criminal jurisdiction as provided for in the Military Extraterritorial Jurisdiction Act, 18 USC 3261-3267; see Section 3267(1)(A)(iii)(I) and (2)(A)(iii). A copy of the notice *shall be furnished to the contracting officer upon award of the contract*, along with a certification by an authorized company representative attesting to the provision of the notification to contractor personnel.

2.2 ATTACKS FROM HOSTILE ENTITIES

This contract is firm fixed-price. Costs incurred in the performance of project execution that arise from the attacks of hostile entities, such as costs arising from damage to or destruction of contractor equipment and facilities, and damage to or destruction of the project prior to Government acceptance, are the sole responsibility of the contractor. The Government makes no guarantee to provide the contractor with security, and bears no obligation to reimburse the contractor for costs arising from the attacks of hostile entities. When appropriate, the Contracting Officer may provide the contractor with an equitable adjustment with respect to time – but not cost – in accordance with clause 52.249-10; see 52.249-10(b)(1)(i) and (2).

2.3 INSTALLATION ACCESS AND BADGING

This contract is firm fixed-price. It is the responsibility of the contractor to be knowledgeable of and to abide by any and all applicable installation access procedures and requirements, to include any and all badging procedures and requirements that may be necessary for contractor access to the project site. Such procedures and requirements may change over the course of contract performance; it is the responsibility of the contractor to plan accordingly in order to meet its existing obligations under this contract. The US Army Corps of Engineers, Afghanistan Engineer District, neither controls nor is responsible for any such installation access procedures, requirements or changes thereto.

2.4 CUSTOMS CLEARANCE

Reference clauses are 52.229-6 and 52.225-13. This contract is firm fixed-price. It is the responsibility of the contractor to be knowledgeable of and to abide by any and all applicable customs clearance procedures and requirements that may be necessary for the transportation of supplies and equipment into Afghanistan. Such procedures and requirements may change over the course of contract performance; it is the responsibility of the

contractor to plan accordingly in order to meet its existing obligations under this contract. The US Army Corps of Engineers, Afghanistan Engineer District, neither controls nor is responsible for any such customs clearance procedures, requirements or changes thereto.

2.5 TRAVEL WARNINGS

The contractor shall provide all personnel working under this contract, and shall require subcontractors to provide their personnel, with a written notification advising such personnel to be aware of US State Department Travel Warnings with respect to Afghanistan, available at <http://travel.state.gov>, in the event they wish to consider bringing their dependants into Afghanistan. A copy of the notice *shall be furnished to the contracting officer upon award of the contract*, along with a certification by an authorized company representative attesting to the provision of the notification to contractor personnel. At no time, subject to the written approval of the contracting officer, may the contractor allow such dependants, or any other unauthorized individuals, to be present on the project site grounds, whether in transit or otherwise.

2.6 DRUG-FREE WORKFORCE

Documentation of the contractor's drug-free workforce program as required by clause 252.223-7004(b) *shall be furnished to the contracting officer upon award of the contract*.

2.7 COMBATING TRAFFICKING IN PERSONS, COMMERCIAL SEX ACTS, FORCED LABOR

A copy of the employee notification statement as required by clause 252.222-7006(d) *shall be furnished to the contracting officer upon award of the contract*, along with a certification by an authorized company representative attesting to the provision of the notification to contractor personnel.

2.1 CONTROL OF GOVERNMENT FURNISHED MATERIALS (GFM)

2.2 GOVERNMENT FURNISHED MATERIALS

The Contractor shall use Government Furnished Materials (GFM) for authorized purposes only.

The GFM consists of arch-span steel rolls as described in section 01010 of this contract. Steel specifications and finish requirements are identified herein. GFM material shall be picked-up from the distribution center and delivered to the work site by the Contractor. Those components that are to be GFM for this project and the estimated quantity of materials and equipment required are presented in Section 01010.

Distribution of GFM will be in CONEX containers with a maximum size of 20' x 8'-6" x 9'-6", and a weight not exceed 36,000 pounds.

The Contractor shall be responsible for all other materials not listed as GFM.

2.2.1 GFM AVAILABILITY AT DISTRIBUTION CENTERS

The total amount of material and equipment available at the Distribution Center (For location of Distribution Center see paragraph 2.2.6 below) for weekly retrieval by the Contractor is limited to the quantity of materials and equipment available.

The material and equipment will be in CONEX Containers. See paragraph 2.2 for maximum container size and weight.

It is the sole responsibility of the Contractor to provide appropriate conveyance for the pick-up and delivery to the project site of these containers, delivery of empty CONEX containers and Excess GFM back to the delivery center, and Material Handling Equipment needed to load and unload the containers from the delivery trucks at the project site.

The Distribution Center will provide Material Handling Equipment (MHE) to load the containers on the Contractor supplied conveyance.

2.2.2 GFM ORDERING PROCESS

2.2.2.1 SUBMITTAL OF GFM REQUEST FORMS

Within 60 days of NTP, the contractor shall provide a completed GFM Request Form to the following email addresses:

AES-GFM/E@usace.army.mil.

stephen.arundell@supreme-group.net

Mukesh.gurung@supreme-group.net

edmund.w.starnes@usace.army.mil (USACE RE)

leslie.k.olson@usace.army.mil (USACE PE)

andrew.r.burrows@usace.army.mil (USACE NCOIC)

james.b.reed@usace.army.mil (USACE OIC)

Any additional email addresses shall be provided to the Contractor at the Preconstruction meeting.

Separate GFM Request Forms shall be submitted for each Arch-Span structure within the contract. The schedule shall identify the Contractor's required quantities for each GFM type as well as the preferred pick up dates. It shall be the Contractor's responsibility to verify the estimated GFM quantities identified within the solicitation. The submittal shall also include:

- A. Quantity take-off calculations for each GFM item
- B. Details required to confirm the quantity take-off calculations
- C. A detailed description of excess calculation
- D. A detailed description of scrap calculation
- E. Identification of the estimated quantity and disposal locations of scrap material
- F. A clear statement of any additional GFM quantities per item that would be required beyond the estimated quantities in the solicitation.

2.2.3 FIRM SCHEDULING PROCESS

Within 5 days of the order submittal, a GFM order confirmation will be sent to the Contractor. The confirmation will contain the approved GFM Request Form and will identify assigned pickup date(s) and time(s) within 5 days of the Contractor's requested pickup date(s) and time(s).

2.2.4 GFM CHANGE REQUEST PROCESS

If a change to the approved GFM schedule becomes necessary, the Contractor shall submit a change request to the Contracting Officer using the GFM Request Form. The Contractor shall be judicious with respect to schedule changes, as the changes may not be approved by the Contracting Officer. Change requests will be responded to within (5 of days). Upon approval new pickup dates will be rescheduled within (5 of days) of the Contractor's submittal of the change request.

2.2.5 FINAL MATERIAL ORDER REQUIREMENT

Five (5) days prior to the pick-up of the last 10% of the material, the Contractor shall submit drawings and calculations that support the final request. The drawings shall illustrate the progress made with the material

previously received as well as the remaining work to be constructed. The Contractor shall submit this data to the Contracting Officer utilizing the GFM Request Form identified as "final." Submittal of a final GFM Request Form is required, even if there have been no changes since the original submittal.

2.2.6 DISTRIBUTION CENTER LOCATION

The Contractor shall pick up the GFM from and return empty conexes to the distribution center located at the Supreme Helmand Regional Distribution Facility (DoDAAC Designation UY0318). The Supreme Helmand Regional Distribution Facility is located 3 km North of Camp Bastion in Helmand Province, Afghanistan.

2.2.7 LATE OR MISSED PICK UP

For late or missed pick up, requests to reschedule pickup times are subject to scheduling constraints and therefore shall be granted at the Government's discretion. The Government will not be liable for delays in the event of a missed pick up.

2.2.8 GFM DISTRIBUTION CENTER POC

Any additional (or revised) POCs other than stated in Section 2.2.2.1 shall be determined by the Government upon award of the contract.

2.3 CONTRACTOR TAKING POSSESSION OF GFM

It shall be the Contractor's responsibility to pick up and transport from the Distribution Center. The Government assumes responsibility for ensuring that the GFM satisfies contract specifications and has conducted QC spot checks of GFM prior to packaging and loading in the Containers. It will remain the Contractor's responsibility to visually inspect the GFM with a Government representative while unloading the contents of the containers after reaching the project site to ensure there is no damage and that the materials and equipment still meet the contract specifications.

The Contractor is considered to take custody of the GFM by signing the Form DD1149. GFM Containers are picked up at the Distribution Center. The Contractor shall be responsible for all of the GFM in its custody. The Contractor shall retain custody of the GFM until one or more of the following occurs:

1. USACE accepts the completed project
2. Excess GFM is properly returned to Government custody
3. Scrap GFM is disposed of properly

2.3.1 CONTRACTOR'S GFM CONTROL SYSTEM

The Contractor shall have in place a system of controls that provide for the care of GFM. Minimum standards for the care of GFM and Contractor and subcontractor responsibilities are as follows:

1. GFM shall be properly identified and marked as GFM by the Contractor.
2. Movement of GFM shall be coordinated via a system that allows for the chain of custody and location of GFM to be known at all times.
3. Subcontractors shall also be accountable for the location and disposition of GFM that has been transferred to their control.
4. Commingling of GFM and Contractor property will be allowed when necessary for the performance of work associated with this solicitation.
5. The Contractor shall be able to trace and identify all GFM back to its originating container.

2.3.2 INVENTORY AND REPORTING

The Contractor shall conduct and record a full inventory upon arrival of materials to the project site and shall provide the Government with copies of all inventories.

The Contractor will be required to conduct and record full inventories of the GFM in its possession at the following times:

1. At 75% construction completion
2. At the completion of work
3. After the loss, damage, or destruction of GFM

Form DD1162, shall be used to submit an inventory to the Contracting Officer within (5 of days) following the completion of the project, loss, damage, or destruction of GFM.

2.3.3 CONTAINER RECYCLE PLAN

It will be the Contractor's responsibility to transfer the emptied conex containers from the work site back to the distribution center.

Once a container is emptied it is to be returned to the distribution center within 15 days.

When returned to the distribution center, containers must be serviceable; doors and or hatches operable, no holes cut in container(s), no other items welded to container(s), etc.

2.4 LIABILITY OF GFM

The Contractor shall be responsible for any additional material costs if willful misconduct or a lack of good faith on the part of the Contractor's managerial personnel caused the need for additional materials, in accordance with FAR Clause 52.245-1. In this case, the Contractor shall still be responsible for constructing the structures per plan and specifications to the originally identified point of termination, and for executing all tasks according to the established project schedule and at the previously determined contract price.

2.4.1 UNREASONABLE CONSUMPTION

Definition: "Consumption" is the process of incorporating material into an end product or otherwise consuming the material in performance of the contract. Unreasonable consumption of GFM is not considered "loss, damage, or destruction" under FAR 45.104. Material consumption will be determined to be unreasonable when it exceeds the amounts supported by Material Request forms and planning documents. In the event of unreasonable consumption, a liability determination will be made by the Contracting Officer.

2.4.2 EXCESS GFM

Excess GFM Definition: GFM not used by the contractor is defined as excess material. Material will be defined as scrap if less than the thresholds for Excess GFM.

2.4.2.1 EXCESS MATERIAL TRANSFER

The Contractor shall complete Form DD1149, to identify the excess GFM that will be delivered to the Distribution Facility and must submit the form to the Contracting Officer not less than 30 days prior to the desired GFM delivery date. The Contractor shall also identify the desired delivery date and time. The Government will identify an approved delivery date and time within 5 days of receipt of the DD1149 request. The excess delivery list shall identify the number, type, and size of units being delivered to the storage site. The Contractor shall be responsible for unloading the GFM and arranging it in an orderly fashion at the Distribution Facility.

2.4.2.2 EXCESS STORAGE LOCATIONS

Custody of the excess GFM will be transferred to the Government only after the GFM is unloaded, arranged, and inventoried by the Contractor. It is the Contractor's responsibility to receive a signed receipt for the transfer of excess GFM, on the DD1149, prior to leaving the storage site.

2.4.3 SCRAP

Scrap definition: Any waste from production or fabrication and any processed material remaining at end of the construction phase that is deemed to be scrap by the COR.

All scrap material shall be removed from the project site and disposed of properly by the Contractor, at the Contractor's expense, in accordance with the Scrap Disposal Plan.

2.4.3.1 SCRAP DISPOSAL PLAN

The Contractor shall submit a GFM Scrap Disposal Plan to the Contracting Officer within 45 days after Notice to Proceed. The Scrap Disposal Plan shall describe in detail the following:

- a. The location and method of offsite scrap disposal.
- b. Any temporary scrap storage locations located within the work site.

The Government will be allowed 14 days to review and comment on the Scrap Disposal Plan's conformance to the technical requirements of the solicitation and to the Contractor's proposal. The COR will furnish a consolidated listing of comments to the Contractor. The Contractor shall then make the appropriate changes to the Scrap Disposal Plan. Conflicting comments shall then be resolved by the Contractor and the COR. The Government reserves the right to reject the Scrap Disposal Plan if resolution is not possible. The Contractor shall not dispose of any scrap until the Scrap Disposal Plan is approved.

2.4.3.2 SALES OF SCRAP MATERIAL

The Contractor may sell any scrap resulting from production under his contract; provided that it is identified in the Contractor's approved Scrap Disposal Plan.

2.4.3.3 CUSTODY OF SCRAP

The Contractor shall obtain a signed receipt for the disposal of all scrap. Final signature shall transfer ownership of the GFM from the Government to the company being represented by the final signature.

-- END OF SECTION --



Visitor Badge Application

Applicant Information

Name	
Tazkera Number	
Country of Birth	
Province of Birth	
City/Town of Birth	
Date of Birth	

Company - Sponsor

Which company are you working for and who is your sponsor?

- MEP GLOBAL MILITARY
 MPRI DYNACORP
 IMS U.S.A. CORPS OF ENGINEERS
 OTHER _____

Country of Origin and Unit:

SPONSOR NAME (*PRINT*): _____

Purpose

What are the reason(s) for your visit?

- Administration
 Repairs
 Field work
 Meetings
 Deliveries
 Temporary Work (*Longer than two days*)
 New Badge
 Other

Other

Agreement and Signature

By submitting this application, I affirm that the facts set forth in it are true and complete. I understand that any false statements, omissions, or other misrepresentations made by me on this application may result in my immediate dismissal and permanent disbarment from FOB Lindsey. The Company – Sponsor is solely responsible for the actions of the applicant while on FOB Lindsey.

Applicant Name (<i>printed</i>)	
Signature	Date:
Badge Number and Expiration Date	
Sponsor Name (<i>printed</i>)	(POC #):
Signature	Date
Military Approving Authority	Unit:
Signature	Date:

Design and Construction of the Afghan National Army Garrison for the 2nd Brigade, 215th Corps in Delaram, Nimruz Province, Afghanistan**QUESTIONS AND ANSWERS (amendment 0005)**

Question Number	Document	Section	Question	Answer	Document Revised
1	Amendment 04	Question 11	<p>The provided answer to question #11 states that the drawings “SO9 Storage Building” are included in Appendix A. We cannot locate Drawing SO9 Storage Building, in the appendix A.</p> <p><u>Will these drawings be provided?</u></p>	Documents are provided with this amendment	
2	SOW	2.9.10	<p>For the Vehicle Maintenance Facility, the drawings referenced are stated as ‘D-10-DFAC-Large.’</p> <p><u>Please confirm we should use drawings VM09 for this facility.</u></p>	Yes. Use VM09	
3	Amendment 01	Answer 1	<p>In reference to Answer #1, we understand the work is located on a current ANA base.</p> <p><u>Is the perimeter secured by ANA or Coalition Forces?</u> <u>Does the Contractor have to provide armed security for this project while inside the base perimeter?</u> <u>Does the Contractor have to provide ECP security and Explosive detection?</u></p>	<p>This is a secure ANA base and the perimeter is secured by the ANA. The contractor does not have to provide armed security while inside the base perimeter. The contractor does not have to provide ECP security and Explosive detection.</p>	

4	Amendment 04	Page 7 of 10	The instructions reference a “Visitor Badge Application form” for FOB Lindsey. The only Visitor badge application located in the solicitation is one for FOB Delaram II. <i><u>Is this the application we should use for this project to obtain access to FOB Lindsey</u></i>	Visitor Badge Application is provided with this amendment	
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