

SCOPE OF WORK (SOW) FOR CONSTRUCTION SERVICES

Repair Access, Building 15

DCFT192011

183d Wing, Abraham Lincoln Capital Airport, Air National Guard Base, Springfield, IL 62707

6 Mar 2023

PART I: GENERAL INFORMATION.

1. Introduction/ Description Services. This is a non-personal services contract to construct a new loading dock and drive lanes for the 183 Logistics Readiness Squadron (LRS) at the 183 Wing (WG).

1.1 Background. With the construction of the new BCE Complex, the 183d Wing is losing approximately 275 parking spaces and its loading dock for shipments to the 183 LRS. This project will add a new drive lane and new loading dock into the north side of Building 15.

1.2 Objectives. To complete the work as shown in the attached drawings and specifications.

1.3 Scope. The contractor shall provide all personnel, equipment, supplies, facilities, transportation, tools, materials, supervision, and non-personal services necessary to:

1.3.1 Complete the exterior and interior work as shown in the project documents. The contractor shall perform to the standards in this contract. The Project Work Site, Springfield Illinois Air National Guard Base (Springfield IL ANG), is a U.S. military installation and as such, all aspects of the work on the site shall be subject to the requirements herein. The Contractor shall coordinate all activities for compliance with these requirements through the Contracting Officer's Representative (COR). Contractor shall notify COR at least 48 hours before authorization, coordination, or notification is required from the appropriate organization at Springfield IL ANG, unless otherwise noted.

1.4 Period of Performance. 180 days or less

1.5 Quality Control. The contractor shall develop and maintain an effective quality control program to ensure services are performed in accordance with this SOW. The contractor shall develop and implement procedures to identify, prevent, and ensure non-recurrence of defective services. The contractor's quality control program is the means by which the company assures that work complies with the requirement of the contract. The contractor's Quality Control Plan shall be delivered with your proposal and submitted again to the Contracting Officer prior to the issuance of the Notice to Proceed (NTP). After acceptance of the quality control plan the contractor shall receive the contracting officer's acceptance in writing of any proposed change to his QC program.

1.6 RESERVED

1.7 Contracting Officer's Representative (COR). The COR will be identified by separate letter. The COR monitors all technical aspects of the contract and assists in contract administration.

1.8 Hours of Operation. The offices where the services will be conducted are usually open between the office hours of [7:30 AM and 5:00 PM] Monday through Friday with alternating

Fridays off. The contractor shall plan to perform their services between those hours. If the facility is closed during Federal holidays or during inclement weather, the contractor shall be notified. The contractor must at all times maintain an adequate workforce for the uninterrupted performance of all tasks defined within this SOW.

1.8.1 Holidays. Please check with the KO or COR for any additional holidays other than listed here. The following are recognized Federal Holidays:

1.8.1.1 New Year's Day

1.8.1.2 Martin Luther King Jr's Birthday

1.8.1.3 President's Day

1.8.1.4 Memorial Day

1.8.1.5 Juneteenth

1.8.1.6 Independence Day

1.8.1.7 Labor Day

1.8.1.8 Columbus Day

1.8.1.9 Veteran's Day

1.8.1.10 Thanksgiving Day

1.8.1.11 Christmas Day

1.8.2 Work Outside Normal Hours of Operation. When the Contractor desires to work other than the aforementioned times, he shall submit a written request to the KO for approval, and written approval thereof shall be required prior to proceeding with work. The request shall be submitted to at least five (5) workdays prior to the proposed performance of work. The request shall indicate the day/days, time/amount of work, and reason why permission should be granted to perform work during nonstandard hours. Approval for work to be performed during nonstandard time will be given only in cases of necessity.

1.9 Place of Performance. The work will be performed at the 183d Wing, Illinois Air National Guard Base, Abraham Lincoln Capital Airport, Springfield, IL 62707-5001

1.10 Type of Contract. This will be a Firm Fixed Price contract.

1.11 Security Requirements. The contractor shall comply with all applicable installation/facility access and local security policies and procedures, which may be obtained from the KO or COR. The contractor shall also provide all information required for background checks to meet installation access requirements to be accomplished by installation Security Forces. The contractor shall ensure compliance with all personal identity verification requirements as directed by DoD, USAF, ANG, and/or local policy. Should the Force Protection Condition (FPCON) change, the Government may require changes in contractor security matters or processes.

1.11.1 COMSEC/IT Security. All communications with DoD organizations are subject to communications security (COMSEC) review. All telephone communications networks are continually subject to intercept by unfriendly intelligence organizations. DoD has authorized the military departments to conduct COMSEC monitoring and recording of telephone calls originating from, or terminating at, DoD organizations. Therefore, the contractor is advised that any time contractor place or receive a call they are subject to COMSEC procedures. The contractor shall ensure wide and frequent dissemination of the above information to all employees dealing with DoD information. The contractor shall abide by all Government

regulations concerning the authorized use of the Government's computer network, including the restriction against using the network to recruit Government personnel or advertise job openings.

1.11.2 AT Level 1 Awareness Training. All contractor employees requiring access to Air Force/Air National Guard bases, facilities, and controlled access areas shall complete Level 1 AT/FP (Anti-Terrorism/Force Protection). Training is provided by Security Forces to contractors that are issued a Contractor Access Badge. Contractors and subcontractors not receiving a Contractor Access Badge are still required to complete Level 1 AT/FP training within 30 days after the contract start date and within 30 calendar days of new employees commencing performance. Certificates shall be submitted by the Contractor to the KO and COR within 15 days after completion of training. Level 1 AT is available at <https://atlevel1.dtic.mil/at>.

1.11.3 Physical Security. The contractor shall safeguard all Government property provided for contractor use. At the close of each work period, Government facilities, equipment and materials shall be secured.

1.12 Safety.

1.12.1 Base and Safety Regulations. These requirements are in addition to those referenced during the pre-construction conference. The Contractor shall comply with all applicable provisions of Air Force regulations and directives pertaining to security, safety, fire, traffic, and personnel clearances insofar as they pertain to the Contractor's activities on Abraham Lincoln Capital Airport. The Contractor shall be responsible for providing, placing, and removing all barricades and safety devices during his construction activities.

1.12.2 Caution vehicle operators to avoid intrusion on the runway or flight line. Yield to all emergency vehicles including security police, fire department, ambulance, and ambulance buses when their red lights and/or sirens are operating. Provide personnel to direct traffic when Contractor operated vehicles block one or both lanes of a two-lane road.

1.12.3 If a mishap involves injury or death to Contractor personnel and/or damage to Air Force property as a result of Contractor operation, the Contractor shall notify the (KO) and COR. The COR will contact the Wing Safety Office on normal workdays or the Security Police at any other time. Any safety related problems encountered during the contract period should be reported to the COR who will advise Wing Safety. In case of life threatening emergency, dial 911 to reach the Security Police, Fire Department, or ambulance. Emergency treatment for serious or life-threatening injuries is available in the City of Springfield.

1.12.4 The Contractor shall ensure compliance with contract and OSHA provisions. Contractor will ensure all application, material handling, and associated equipment shall conform to and be operated in conformance with OSHA safety requirements. Contractor will advise government whenever work is expected to be hazardous to Government, employees, and/or operators.

1.13 Fire Prevention Standards. The contractor shall comply with all applicable federal, state, local, and installation policies and procedures for fire prevention which may be obtained from the KO or COR.

1.14 Special Qualifications and Certifications. N/A

1.15 Post Award Meeting/Periodic Status Meetings. After award the Contractor, KO, and COR will have meeting to clarify SOW and contract requirements such as deliverable products, and delivery schedules, special contract clauses, quality control/assurance procedures, invoicing and

billing procedures, local regulations or access requirements, and/or environmental, safety and health requirements. Periodic update/status meetings to review contractor performance may be scheduled.

1.16 24-Hour Point of Contact. The Contractor shall provide the Contracting Officer and COR with a 24-hour number or numbers where his authorized representative can be contacted at any time day or night. Also provide call-forwarding capability for leaving a message. This number should be provided at the pre-construction conference, but not later than thirty (30) days after the issuance Notice to Proceed.

PART II

DEFINITIONS AND ACRONYMS

2. Definitions & Acronyms.

2.1 Definitions.

2.2 Acronyms.

AGE Aerospace Ground Equipment

ANG Air National Guard

AT/FP Anti-Terrorism/Force Protection

CRF Centralized Repair Facility

CERCLA Comprehensive Environmental Response, Compensation, and Liability Act

COMSEC Communication Security

COR Contracting Officer's Representative

DoD Department of Defense

EM Environmental Manager

FY Fiscal Year

GFCI Ground-Fault Circuit Interrupter

HM Hazardous Materials

HMP Hazardous Materials Pharmacy

KO Contracting Officer

NDI Non Destructive Inspection

NTP Notice to Proceed

POC Point of Contact

RCRA Resource Conservation and Recovery Act

SDS Safety Data Sheets

WG Wing

PART III

GOVERNMENT FURNISHED PROPERTY, EQUIPMENT, AND SERVICES

3. Government Furnished Items & Support.

3.1 Support. The Government will provide personnel to provide Government Issued ID's to access the installation.

3.2 Facilities. The Government will provide the necessary workspace for the contractor to perform the services outlined in this SOW. Areas for equipment and tool lay down will be coordinated through the COR.

3.3 Materials. The Government will provide all applicable Air Force Forms necessary via the Contractor's Handbook.

3.4 Utilities. The Contractor shall be permitted to connect to the GOVERNMENT'S existing utility system (water, electric, and sewer). The CONTRACTOR will be required to pay for connection of all utilities. The Contractor shall be permitted the use of all reasonably required amounts of utilities (water, electric, and sewer) from the GOVERNMENT's existing system outlets.

3.4.1 In addition to requirements contained in FAR Clause 52.236-14, "Availability and Use of Utility Services," temporary utility connections shall be at the Contractor's expense and installation shall include metering and be subject to the approval of the Contracting Officer and the COR. The Contractor shall provide telephone and other services required for the work. Removal of temporary connections will also be at Contractor's expense.

PART IV

CONTRACTOR FURNISHED ITEMS AND RESPONSIBILITIES.

4. Contractor Furnished Items and Responsibilities.

4.1 General. The Contractor shall furnish all supplies, equipment, facilities and services required to perform work under this contract that are not listed under PART III of this SOW.

4.2 Secret Facility Clearance. N/A

4.3 Materials. The contractor shall furnish materials, supplies, and equipment necessary to meeting the requirements under this SOW.

4.3.1 Permits. The Contractor will furnish/obtain all applicable permits for the project.

4.4 Equipment. The contractor shall furnish all equipment necessary to meet the requirements under this SOW.

4.5 Utilities. If portable sanitary facilities are utilized, said facilities are subject to the approval of the Contracting Officer, through the COR, as to the location, cleanliness, and maintenance. All temporary sewer/sanitation facilities shall be self-contained units with both urinals and stool capabilities. The units shall be sufficiently ventilated to control odors and fumes and should be

emptied and cleaned at least every week or more often if required by the Contracting Officer. The door should be self-closing. The exterior color of the unit shall be any color the Contractor desires. Base facilities will not be utilized. The facility will be located behind the construction fence or out of the public view.

PART V

SPECIFIC TASKS

5. Specific Tasks and Work Requirements. The Contractor shall provide all materials, tools, equipment, and labor necessary to complete the work as shown in attached drawings and specifications for the Repair Access, Building 15 project.

5.1.1 Demo existing concrete, asphalt and earth as shown. Install concrete loading dock, asphalt roadway, new overhead door and complete other interior/exterior work as shown.

5.1.2 Provide as-built drawings and Operation & Maintenance manuals at completion.

5.1.3 See attached drawings and notes for all further details.

5.1.4 The project shall meet all federal, state, military, and local codes.

5.1.5 Contractor shall have SOLE responsibility for accuracy of all measurements, estimates of material quantities and sizes, and site conditions that will affect work.

5.1.6 Measurement of Quantities. This is a firm fixed price construction contract. As such, plan quantities are estimated and form the basis for proposals and the total fixed price contract amount. Contractor shall verify dimensions prior to project bid/offer.

5.1.7 Statement of Work and Drawings. Omissions from the Statement of Work (SOW) or Drawing(s) or the inaccurate description of work details which are manifestly necessary to carry out the intent of the SOW and Drawing, or which are customarily performed, shall not relieve the Contractor from performing such omitted or inaccurately described work details, but they shall be performed as if fully and correctly set forth and described in the Drawing(s) and SOW at no additional cost to the Government.

5.1.8 Fitness and Function. The CONTRACTOR shall be responsible for the fitness and function of all products and work. The Government is paying the Contractor in the contract price to use its expertise to ensure the function of all products in the project.

5.2 Submittals & Deliverables. The contractor shall submit the following:

5.2.1 Schedule of work. For project coordination purposes (i.e. among the KO, COR, Fire, Safety, Environmental, Security, etc.), the Contractor shall submit a proposed work schedule. The work schedule shall include but not be limited to the following: Date for delivery of material/equipment; demolition start date; new construction start date; number of days construction will occur; hours during which construction will occur, etc.

5.2.2 Drawings. Shop drawings for the work: concrete reinforcement layout, steel sections, tie down plates, fire protection, masonry, HVAC, plumbing, etc. – see specifications for required submittals.

5.2.3 Product Data. Product data for all portions of the project: steel, concrete, joint material, HVAC, plumbing, electrical, etc.

5.2.3.1 Collect product data into a single submittal for each element or system. Mark each copy to identify applicable products, models, options, and other data; supplement manufacturers' standard data to provide information unique to work. Submit the data electronically following the procedures agreed on after award. Actual samples may be required depending on type of submittal. When product data includes information on several products, mark copies to indicate the following information:

5.2.3.1.1 Manufacturer's printed recommendations.

5.2.3.1.2 Compliance with recognized trade association standards.

5.2.3.1.3 Compliance with recognized testing agency standards.

5.2.3.1.4 Application of testing agency labels and seals.

5.2.4 Safety Data Sheets

5.2.5 Submittal Procedures. This specifies requirements for handling submittals. The Contractor shall:

5.2.5.1 General. Submit all product data electronically as directed by the KO.

5.2.5.2 Deliver submittals to KO. Prior to delivery, carefully review all submittals for compliance with Contract Documents and for coordination purposes, and place Contractor action stamp on all copies.

5.2.5.3 Transmit each item listed on the PFOIL Form 341- Schedule of Submittal Materials via the Air Force Form 3000. Identify Project, Contractor, subcontractor, and major supplier; identify pertinent drawing sheet and detail number, and section number, as appropriate. Identify deviations from contract documents. Provide space for Contractor, KO, and COR stamps.

5.2.5.4 Revise and resubmit as required (if necessary after review by KO), identify changes made since previous submittal.

5.2.5.5 Distribute copies of reviewed submittals to concerned persons. Instruct recipients to promptly report any inability to comply with provisions.

5.2.5.6 Coordinate each submittal with requirements of work and contract documents.

5.2.5.7 Be responsible for error and omissions in submittals and is not relieved by Government's review of submittals.

5.2.5.8 Be responsible for deviations in submittals from contract document requirements and is not relieved by KO's review of submittals, unless KO gives written acceptance of specific deviations.

5.2.5.9 Notify KO in writing at time of submission of deviations in submittals from contract documents requirements.

5.2.5.10 Not begin any work that requires submittals without KO's stamp and signature indicating approval.

5.2.5.11 Make response required by KO's stamp and distribute copies, after KO's review.

5.2.6 Manufacturer's Instructions. The Contractor shall submit manufacturer's printed instructions for delivery, storage, application, finishing, etc for product data when required.

5.2.7 UL Labels. In lieu of the label, the Contractor may submit written certification from any nationally recognized testing agency, adequately equipped and competent to perform such services.

5.3 Facility Specific Information and Requirements. Facilities will be in use throughout construction. The Contractor shall coordinate with the KO and COR when work can proceed. Routing of piping and penetration will be approved by the COR. The Contractor shall:

5.3.1 Contractor Use of Premises. Coordinate use of premises under direction of the KO.

5.3.2 Shared Work Areas. Coordinate work schedule with the COR to minimize impact on Government operations. Normal operations will be conducted in the area where the project is located.

5.3.3 Interrupt Owner operations unless prior written approval is received from the Government. Building spaces directly adjacent to areas covered by this SOW will be utilized by on-going operations.

5.4 Products. The Contractor shall comply with quality control, references, specifications, and manufacturer's data. Products containing asbestos are prohibited on this project. Use only asbestos-free products. Use products with personal protection. User must read container label and material safety data sheets prior to use. Materials used in this contract shall be, to the greatest extent practicable and consistent with financial prudence, made of recycled materials or with materials that are recyclable. The Contractor shall:

5.4.1 Transportation and Handling. Transport products by methods to avoid product damage; deliver in undamaged condition in manufacturer's unopened containers or packaging, dry. Provide equipment and personnel to handle products by methods to prevent soiling or damage. Promptly inspect shipments to assure that products comply with requirements, quantities are correct, and products are undamaged.

5.4.2 Storage and Protection. Store products in accordance with manufacturer's instructions. Maintain products within temperature and humidity ranges required by manufacturer's instructions. Arrange storage to provide access for inspection. Periodically inspect to assure products are undamaged, and are maintained under required conditions.

5.4.3 Equal Products and/or Systems. Document each equal product request with complete data substantiating compliance of proposed substitution with contract documents, and comparing all features of proposed substitution with original specified product.

5.4.3.1 Request constitutes a representation that the Contractor: Has investigated proposed product and determined that it meets or exceeds, in all respects, specified product. Will provide the same or better warranty for equal product as for specified product. Will coordinate installation and make other changes, which may be required for work to be complete in all respects. Waives claims for additional costs, which may subsequently become apparent.

5.4.3.2 Equal products will not be considered when they are indicated or implied on shop drawing or product data submittals without separate written request, or when acceptance will require substantial revision of contract documents.

5.4.3.3 KO will determine acceptability of proposed equal product/system, and will notify the Contractor of proposal acceptance or rejection in writing within a reasonable time.

5.5 Environmental Protection. See Appendix 1 for additional requirements.

5.5.1 Waste Disposal. The Contractor shall not re-use, recycle, or dispose of material manufacturer's product containers except in accordance with all applicable regulations. The user of manufactured products is responsible for proper use and disposal of product containers.

5.5.2 Recycling. In support of national environmental efforts, the Contractor shall recycle general administrative refuse associated with this project to the maximum extent practicable. This refuse includes cardboard, one gallon mark 1 and 2 plastic bottles, type 1 and 2 plastic soda bottles, aluminum and steel cans, and mixed paper. Contact the Environmental Office at (217)757-1329.

5.7 Inspection and Acceptance.

5.7.1 Pre-final Inspection. A pre-final inspection of the project shall be performed to compile a list (Punch List) of incomplete and nonconforming work and, if necessary, to help expedite project completion. The Contractor and the COR shall conduct the Pre-final inspection. This inspection shall be performed 7–10 Days prior to completion date. Any items found to be deficient shall be addressed and completed to the satisfaction of the KO.

5.7.2 Final Inspection and Acceptance. At 100% completion, the Contractor shall notify the KO that all work is complete and ready for inspection. The KO & COR shall perform a walk through inspection of the project. A list of incomplete and nonconforming work shall be created (if required). If a list is not created, the COR shall notify the KO, in writing, of final inspection and acceptance by the Government. The KO will then notify the Contractor of such inspection and acceptance. This inspection shall be performed NLT 7 days after completion date.

5.8 Closeout Procedures. When Contractor considers work has reached final completion, (all Incomplete and Nonconforming Work list items resolved), submit written certification that contract documents have been reviewed, work has been inspected, and that work is complete in accordance with contract documents and ready for KO's inspection.

5.8.1 Final Cleaning. Cleaning shall be to the satisfaction of the KO. Any areas of work or adjacent areas disturbed shall be restored to original conditions. The Contractor shall:

5.8.1.1 Execute prior to notifying Government for a final inspection.

5.8.1.2 Clean surfaces exposed to view; remove temporary labels, stains, and foreign substances.

5.8.1.3 Clean site.

5.8.1.4 Dispose of all waste, rubbish, and surplus materials off base appropriately.

5.8.2 Project Record Documents. The Contractor shall store complete set of documents separate from those used for construction. Keep documents current and available for inspection. At Contract closeout, submit document(s) with transmittal letter containing date, project title, Contractor's name and address, list of document(s), and signature of Contractor.

5.8.3 Warranties and Guarantees. Warranties and guarantees shall be in compliance with the clauses set forth in the contract. Standard commercial warranties for equipment (i.e. manufacturer warranties) apply and warranty certificate(s) shall be delivered to the Government.

PART VI APPLICABLE PUBLICATIONS

6.1 Applicable Documents and Reference Materials.

6.1.1 All state and local codes are applicable at this installation.

International Building Code (and related codes, ie Plumbing Code, etc.), Unified Facilities Criteria, NFPA, etc.

Appendix 1 – Environmental Protection

CONTRACTOR and any subcontractor, agent or representative shall comply with all applicable Federal, State, and local laws and regulations providing for environmental protection and pollution control and abatement including but not limited to the Clean Air Act, Clean Water Act, Resource Conservation and Recovery Act, Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), Toxic Substances Control Act, Federal Insecticide Fungicide and Rodenticide Act, Coastal Zone Management Act, Endangered Species Act, National Historic Preservation Act, Safe Drinking Water Act, Emergency Planning and Community Right-to-Know Act, Oil Pollution Act, and Pollution Prevention Act.

CONTRACTOR has the duty to determine for itself where such laws and regulations apply. Although the CONTRACTOR may request assistance from the Contracting Officer in delineating applicable environmental laws and regulations. CONTRACTOR has an independent responsibility to make its own determination and to do so in a timely fashion.

The CONTRACTOR shall be responsible for paying any fines or penalties assessed against the Air Force for environmental violations resulting from acts or omissions of the contractor or its employees, subcontractors, or agents. This obligation is in addition to any fines or penalties which may be assessed against the contractor for the same conduct. CONTRACTOR may either reimburse these fines or penalties through the Contracting Officer, or with the consent of EO, conveyed through the Contracting Officer, the CONTRACTOR may pay such fines or penalties directly to the regulatory agency or agencies concerned.

General: The CONTRACTOR shall not pollute storm drainage. Streams, lakes or reservoirs with fuels, oils, bitumens, calcium chloride, acids, construction wastes or other harmful materials. It is the responsibility of the CONTRACTOR to investigate and comply with all applicable federal, state and municipal regulations.

Spillage: The CONTRACTOR shall take special measures to prevent chemical, fuels, oils, greases, bituminous materials, waste washings, herbicides, cement and surface drainage from entering public waters. In the event of a spill, immediately notify the Base Fire Department at 911. Then notify the COR who shall then notify the Environmental Office.

WASTE DISPOSAL FOR CONTRACTS TO BE PERFORMED ON GOVERNMENT FACILITIES Hazardous Waste Generation, Handling, and Disposal: Work under this contract is to be performed on a government facility. According to rules and procedures of the United States Environmental Protection Agency, the federal facility is required to have a generator identification number under the Resource Conservation and Recovery Act (RCRA) and to be responsible for hazardous wastes (as defined under RCRA) produced, managed, stored, disposed on, or transported from the facility. Accordingly, contractor will, to the greatest extent practicable, use materials, processes, and techniques that will avoid the creation of hazardous waste. Prior to generation of hazardous materials and hazardous waste on a federal facility under this contract, contractor shall coordinate all planned activities regarding hazardous materials and hazardous waste with the EO through the COR. Under no circumstances will contractor bring hazardous waste onto the facility.

HAZARDOUS MATERIALS USAGE

- A. The contractor shall establish a hazardous materials (HM) storage system when HM is to be used. All HM required to support the contract shall be reported to the Hazardous Material Pharmacy (HMP) using the Contractor HM Identification Form. This form will be provided to the contractor at or prior to the Pre-Construction meeting. Additional HM needed by the contractor shall be identified to the COR for approval by the HMP. (See Attachment X.)
- B. The contractor planning to use HM for the work shall register with the installation HMP prior to start of work in order to support the installation's compliance and Federal Compliance with Right-to-Know Laws and Pollution Prevention Requirements.
- C. The contractor shall maintain a Contractor HM Identification Form for all HM on the job site for inspection/verification.
- D. The COR will verify that the HM identified to the HMP is the only HM in use on the job site.

The contractor shall provide the following to the HMP:

- 1. Provide a list of each material, SDS, and quantity of material for all proposed HM. Hazardous Material (HM) shall be construed to mean any item that is:
 - A. A health hazard or physical hazard as defined in 29 CFR, § 1910.1200.
 - B. Regulated in its disposal by EPA under 40 CFR.
 - C. Hazardous as defined by DOT regulations under 49 CFR.
 - D. Hazardous as defined by the Dangerous Goods Regulations of the International Air Transport Association.
- 2. Provide a Safety Data Sheet (SDS) for each item on the HM list.
- 3. Typical examples of hazardous materials used on the job site include, but are not limited to:
 - E. Petroleum based liquids/gases (gasoline, kerosene, diesel, propane, butane, acetylene, etc.)
 - F. Explosives
 - G. Adhesives and glues
 - H. Shot charges for anchor systems
 - I. Volatile solvents (such as PVC cleaner and glues, paint thinners)
 - J. Non-water based paints.
 - K. Liquid sealants
 - L. Epoxies and coating systems

M. Acidic or Alkali cleaners

The contractor shall establish a construction-specific HM storage location that fully complies with federal, state, and local environmental regulations. Materials issued shall be tracked for quantities used. Unused materials shall be inventoried and removed from the ILANG installation prior to close-out of the contract or expiration date of the HM. Reports of materials delivered, used, and removed from the installation shall be submitted to the Contracting Officer monthly and prior to contract close-out.

The contractor shall comply with all federal, state and local environmental standards.

The contractor shall accompany the COR and the installation Environmental Manager (EM) on project close-out inspection to ensure all used and unused HM has been removed from the installation. This requirement shall not be a punch list item and must be accomplished prior to the government accepting beneficial occupancy of the facility or construction item. (See Attachment Y.)

CONSTRUCTION AND DEMOLITION DEBRIS RECYCLING

DEFINITIONS

Inert fill: A permitted facility that accepts inert waste such as asphalt and concrete exclusively.

Inert solids/inert waste: Non-liquid solid waste including, but not limited to, soil and concrete, that does not contain hazardous waste or soluble pollutants at concentrations in excess of water-quality standards and does not contain significant quantities of decomposable solid waste.

Inert backfill site: A location other than inert fill or other disposal facility, to which inert materials are taken of the purpose of filling an excavation, shoring, or other soils engineering operation.

Class III landfill: A landfill that accepts non-hazardous waste such as household, commercial, and industrial waste, resulting from construction, remodeling, repair, and demolition operations.

Construction and Demolition (C&D) debris: Includes all non-hazardous materials and solid waste resulting from construction, remodeling, alterations, repair, and demolition operations. This term includes asphalt concrete, Portland concrete cement block, brick, lumber, gypsum wallboard, cardboard, and other associated packaging, roofing material, ceramic tiles, carpeting, plastic pipe, and steel. The term also includes rock, soil, tree stumps, and other vegetative matter resulting from land clearing and landscaping for construction or land development projects.

REQUIREMENTS

The contractor shall implement a recycling program that includes separate collection of waste and recyclable materials. Based upon contract plans and drawings, the contractor shall estimate

the quantities of available materials for recycling. Recyclable materials to be recovered shall include but not limited to the following:

4. Asphalt
5. Concrete, concrete block, slump stone, and rocks
6. Dirt
7. Drywall
8. Metal, ferrous and non-ferrous
9. Wood wastes
10. Green wastes (i.e. trees, bushes, grass trimmings)
11. Miscellaneous construction wastes (i.e. red clay brick, corrugated cardboard)

HAULING

Contractor is responsible for arranging collection by or delivery to the appropriate recycling center or transfer station that accepts construction and demolition waste for purpose of recycling. Prior to delivering materials, contractor shall familiarize itself with the specifications for acceptance of construction and demolition materials at recycling facilities or transfer stations.

RECYCLING AND DISPOSAL COSTS

The contractor shall retain revenues or other savings obtained from recycling or re-using materials unless otherwise stated on the Drawings or in the Specifications. The contractor shall dispose of non-marketable materials from processing recyclable materials at an off-base facility; to include any recyclable materials rejected for any reason.

RECYCLING CENTERS

Contractor may choose to use any approved/licensed recycling center.

SUBMITTALS

The contractor shall provide the weight of all materials salvaged, recycled, and disposed during the performance of the project. The format of this report is provided in Attachment Z. This report shall be submitted to the Environmental Manager, 183 WG/EM, no later than five (5) working days following the completion of the project.

ATTACHMENT X
CONTRACTOR HAZMAT IDENTIFICATION FORM

Attach MSDS for Each Product

Product Name

Product Manufacturer

Individual Container Size: _____ Total Quantity Used Over The Contract:

(5 gal pail, 50 lb bag, etc.)

(100 pails, 20 bags, etc.)

Product Use (describe):

Waste Generated by Material Use and How Waste Disposed:

Product Name

Product Manufacturer

Individual Container Size: _____ Total Quantity Used Over The Contract:

(5 gal pail, 50 lb bag, etc.)

(100 pails, 20 bags, etc.)

Product Use (describe):

Waste Generated by Material Use and How Waste Disposed:

Product Name

Product Manufacturer

Individual Container Size: _____ Total Quantity Used Over The Contract:

(5 gal pail,50 lb bag, etc.)

(100 pails,20 bags,etc.)

Product Use (describe):

Waste Generated by Material Use and How Waste Disposed:

ATTACHMENT Y

Contractor HM Identification Form
(Close Out Procedures)

Contractors will accompany Environmental on close out inspection to ensure all used/unused HM was removed from base.

Close out Signatures:

Date:_____

ENV_____

Contracting Officers Representative_____

Contractor_____

ATTACHMENT Z

Summary of Solid Waste Disposal and Diversion

Project Title: _____

Project #: _____

Type of Material	(a) Disposed in Class III Landfills (tons)	(b) Recycled (tons)	(c) Disposed in Inert Fills (tons)	(d) Taken to Inert Backfill Site (tons)
ASPHALT Name of Facility/ Site Where Taken:				
CONCRETE Name of Facility/ Site Where Taken:				
DIRT Name of Facility/ Site Where Taken:				
DRYWALL Name of Facility/ Site Where Taken:				
METALS Name of Facility/ Site Where Taken:				
WOOD WASTES Name of Facility/ Site Where Taken:				
GREEN WASTES Name of Facility /Site Where Taken:				
MISCELLANEOUS CONSTRUCTION WASTES Name of Facility/ Site Where Taken:				
Total:				

Company Name: _____

Name of Person Completing Form: _____

Signature: _____

Report Period: **From:** _____ **To:** _____