

**STATEMENT OF WORK  
FOR**

**Install Fire Suppression System, Building 826  
Dobbins ARB, GA**



**AT  
ROBINS AIR FORCE BASE  
GEORGIA**

**Prepared by:  
Office of Civil Engineering  
Robins Air Force Base, Georgia  
25 July 2011**

**TABLE OF CONTENTS**

**Contents**

I. SCOPE ..... 3

    A. GENERAL ..... 3

    B. LOCATION ..... 3

    C. ENVIRONMENTAL CONSIDERATIONS ..... 3

    D. DESCRIPTION OF WORK.....114

    E. SUBMITALS ..... 15

II. CLEAN UP..... 17

## I. SCOPE

**A. GENERAL:** The existing structure is a warehouse that has been converted to administrative space in two areas. The existing structure has no fire suppression system and has been assigned a FSDII code by the base Fire Marshall. There are no firebreaks in the warehouse area. A fire suppression system is needed in order to bring the facility into full compliance.

**B. LOCATION:** All work on this project is to be performed at Building 826 of Dobbins ARB, Georgia.

### C. ENVIRONMENTAL CONSIDERATIONS:

1. Protection of Human Health and the Environment: It is intended that land resources within the project boundaries be preserved or restored to a condition that appears natural and is protective of human health and the environment. To meet that goal the contractor is responsible for conforming to the procedures listed below.
2. In the event the Contractor brings any hazardous material on to Dobbins Air Reserve Base, the contractor shall notify the CO of the approximate quantities of the material to be used on the project and will supply a Material Safety Data Sheet (MSDS) of those materials in English.
3. The Contractor shall be responsible for maintaining the work site to prevent the spread of contamination, provide for the safety of all individuals in the vicinity of the work site areas, and prevent the release of any contaminants to the environment. Any tanks or drum containers used by the Contractor on Dobbins Air Reserve Base to store hazardous materials including petroleum products will be stored within secondary containment structures capable of holding a volume of 110% of the largest container.

## 3.2 SOLID WASTE MANAGEMENT

The Contractor is authorized to generate or dispose of solid waste under the scope of this contract in accordance with the requirements of this section. Solid waste, in this section, refers to any non-hazardous waste, any municipal waste, any construction and demolition debris, and any recyclable materials generated by the Contractor while performing the work under this contract. Excess clean soil free of other solid waste and routine personal waste (*food and drink containers*

*that are carried off-base at the end of the work day)* are excluded from this definition.

### 3.2.1 References

3.2.1.1 Dobbins ARB Integrated Solid Waste Management Plan (*February 2001 or current*)

3.2.1.2 AFI 32-7080, Compliance Assurance and Pollution Prevention (*March 1999*)

3.2.1.3 Georgia Department of Natural Resources Environmental Protection Division, Chapter 391-3-4, Solid Waste Management

3.2.1.4 Executive Order 13101, Greening of the Government Through Waste Prevention, Recycling and Federal Acquisition (*14 Sep 1998*)

### 3.2.2 Submittals

3.2.2.1 **Landfill and Recycling Facility Information.** The Contractor shall submit a document which lists the name(s), address(es), phone number(s) and point(s) of contact for each landfill or recycling facility intended to be used for the disposal and/or recycling of solid wastes generated by the Contractor during the course of this contract.. This document must be approved by the Contracting Officer prior to beginning any demolition or deconstruction work.

3.2.2.2 **Weight Receipts** for solid waste disposed and materials recycled. These are legible documents provided to the Contractor by the recycling and/or disposal facility which indicate: the date of service (drop off); the type of the waste dropped off, and the weight of the waste (in pounds or tons). Weight Receipts shall be submitted for approval within 5 days of the service date..

### 3.2.3 Use Of State-Permitted Solid Waste Disposal Facilities Only

3.2.3.1 The Contractor shall be responsible for collecting and properly recycling or disposing of all solid wastes generated while performing work under this contract in accordance with all applicable rules and regulations. The Contractor shall only use state-permitted solid waste landfills and licensed recycling facilities for all solid waste generated on Dobbins ARB.

3.2.3.2 The Contractor shall provide the required information for each facility selected for use by the Contractor described in submittal 3.2.2.1 prior to beginning any demolition or deconstruction work.

### 3.2.4 Construction And Demolition Debris

3.2.4.1 All recyclable construction and demolition debris (C&D) shall be recycled either onsite or at a C&D recycling facility. Recyclable C&D debris is prohibited from being landfilled. Recyclable C&D includes, but is not limited to: asphalt, concrete, scrap metal, metal piping, metal fixtures, lumber, ceiling tiles, gypsum, and carpeting,

3.2.4.2 Non-recyclable C&D shall be disposed of at a state permitted landfill that accepts C&D waste.

3.2.4.3 The Contractor shall segregate recyclable C&D (*e.g. copper piping, concrete, asphalt, scrap metal, lumber, ceiling tiles, gypsum, etc.*) from non-recyclable C&D, in accordance with the recycling facility requirements. Some scrap metals may be recycled at the base recycling center, upon Contractor request and approval from the Contracting Officer.

3.2.4.4 Any materials approved by the Contracting Officer to be recycled at the base recycling center do not require weight receipts to be submitted (*ref. submittal 3.2.2.2*)

### 3.2.5 Other Recyclable Materials

3.2.5.1 The Contractor shall collect all cardboard, fiberboard and standard wooden pallets generated by any Contractor shipping and packaging activities (*e.g. receipt of furniture, receipt of shipments of hazmats, etc.*) in order to recycle them at the base Recycling Center.

3.2.5.2 These materials are approved to be recycled at the base cycling center and do not require weight receipts to be submitted (*ref. submittal 3.2.2.2*)

### 3.2.6 Collection And Storage Of Solid Wastes

3.2.6.1 The Contractor shall provide all appropriate containers, bags, liners, trays and other equipment required for the proper collection of solid wastes. The Contractor shall not use any base dumpsters or other trash receptacles for collecting or storing solid waste.

3.2.6.2 All solid wastes shall be reclaimed, recycled or disposed of prior to completion of work under this project.

3.2.6.3 The Contractor shall not generate any waste as a result of cleaning any Contractor tools, vehicles, containers or other equipment on base; cleaning of

Contractor equipment on base is prohibited unless otherwise permitted by the Contracting Officer.

### 3.3 HAZARDOUS MATERIALS (Hazmat) MANAGEMENT

The Contractor is authorized to use hazardous materials under the scope of this contract in accordance with this section. Hazardous Material (Hazmat) is any hazardous substance required by the Occupation Safety and Health Administration (OSHA) to have a manufacturer's Material Safety Data Sheet (this does not include OSHA "articles" such as tape, fabric, batteries, mesh, mechanical fasteners, etc.) :

#### 3.3.1 References

- 3.3.1.1 Pollution Prevention Act [42 US Code 13101, et seq.]
- 3.3.1.2 Air Force Instruction 32-7080, Pollution Prevention, 12 May 1994
- 3.3.1.3 Air Force Pollution Prevention Strategy, 24 Jul 95
- 3.3.1.4 HQ USAF/ILEV Memorandum, "Pollution Prevention to Achieve Compliance", 20 Aug 1997
- 3.3.1.5 Executive Order 13101, Greening the Government through Waste Prevention, Recycling and Federal Acquisition, 14 Sep 1998
- 3.3.1.6 Executive Order 13148 Greening of the Government Through Leadership in Environmental Management, 21 Apr 2000
- 3.3.1.7 Air Force Instruction 32-7086, Hazardous Materials Management, 1 Nov 2005
- 3.3.1.8 Base Instruction 94I32-7001, June 2006 or current policy

#### 3.3.2 Submittals

- 3.3.2.1 Contractor's Hazmat Storage Field Location Sketch
- 3.3.2.2 Material Information Sheet (MIS)
- 3.3.2.3 Material Safety Data Sheets (MSDSs)
- 3.3.2.4 Substantiating Documentation for Use of Prohibited Hazmat
- 3.3.2.5 Product Data Sheets (PDSs)
- 3.3.2.6 Exit Inventory document

3.3.3 EPCRA Compliance. Reference FAR 52.223-5: The Contractor needs to provide all information needed by Dobbins ARB to comply with EPCRA. Contractor shall provide:

- 3.3.3.1 **Contractor's Hazmat Storage Field Location Sketch** (*ref. submittal 3.3.2.1*), document that identifies exactly where Hazmats are intended to be

stored when not in use, shall be submitted to the Contracting Officer for approval.

**3.3.3.2 Material Information Sheet (MIS)** (*ref. submittal 3.3.2.2*), document completed and submitted by the Contractor to the Contracting Officer for approval and use on Dobbins ARB, which identifies specific Hazmats to be used with corresponding container data including: container type, container size, estimated usage quantity, and application method. No Hazmat material reviews can be completed without this document.

**3.3.3.3 Material Safety Data Sheet (MSDS)** (*ref. submittal 3.3.2.3*), a manufacturer's document that describes the physical characteristics of a hazmat, to be submitted by the Contractor to the Contracting Officer for review and approval for each and every different Hazmat listed on the MIS, and to be submitted with the MIS. MSDSs shall be obtained directly from the manufacturer and shall be current. .

**3.3.3.4 Substantiating documentation** (*ref. submittal 3.3.2.4*) is a document that justifies the use of prohibited Hazmats and/or prohibited chemical constituents. Substantiating documentation must be submitted concurrently with the MIS and MSDSs if a prohibited Hazmat or chemical constituent is being requested for use on Dobbins ARB. This document must identify which specific engineering criteria or specification will NOT be met unless the prohibited Hazmat or chemical constituent is used. If alternate commercially available products are available that will meet the specific engineering criteria or specification, then the prohibited Hazmat or chemical constituent will not be authorized for use on Dobbins. **Prohibited hazmats and chemical constituents prohibited from use on Dobbins** include, but are not limited to: EPA-17 listed chemicals (*i.e. methyl ethyl ketone, xylene, toluene, methylene chloride, et al*); Class I Ozone Depleting Substances (*i.e. Freon 12, 1,1,1-trichloroethane, et al*); heavy metals (*i.e. lead, barium, silver, nickel, chromium, cadmium, et al*); carcinogenic constituents; cyanide and cyanide compounds, phosphated compounds, SARA Title III Extremely Hazardous Substances, and SARA Title III 313 Hazardous Substances.

**3.3.3.4.1** No prohibited Hazmat or chemical constituent will be approved for use in excess of 3000 pounds cumulatively over the entire contract period.

**3.3.3.4.2** No prohibited Hazmat or chemical constituent will be approved for use that will generate hazardous waste by nature of its use, unless the Contractor is authorized to generate hazardous waste in accordance with paragraph 3.7 of this section 01560.

3.3.3.4.3 No Class I Ozone Depleting Substance will be authorized for purchase or reimbursement under any circumstances. All Class I Ozone Depleting Substances identified as necessary by engineering to meet an engineering criteria or specification must be obtained through the Defense Reserve with SAF authorization and approval.

3.3.3.5 **Product Data Sheet (PDS)** (*ref. submittal 3.3.2.5*), a document provided by the manufacturer of a hazmat that provides detailed information about the hazmat including usage conditions and proper application methods. The Contractor shall submit a PDS for each Hazmat listed on the MIS concurrently with the MIS to the Contracting Officer for approval.

3.3.3.6 **Exit Inventory** (*ref. submittal 3.3.2.6*), is a document completed by the Contractor that lists the actual quantities of authorized Hazmats that were used during the course of work under this contract. The Exit Inventory shall be submitted to the Contracting Officer no later than the pre-final inspection date.

3.3.4 Limited overnight storage of any single Hazmat on base (less than 5,000 pounds) will be authorized in accordance with any storage conditions provided by the Government during hazmat approval review

3.3.5 Use of approved and authorized Hazmats are restricted to the methods of application and quantities identified on the corresponding MIS; if quantities needed exceed the estimates provided on the MIS, the Contractor must identify the additional quantity needed to the project inspector as soon as the need is identified. Additional quantities are authorized as long as no cumulative quantity limitations (reference 3.3.3.4.1 and 3.3.4 above) are exceeded.

3.3.6 The Contractor will implement the following Best Management Practices (BMPs) to prevent spills and other releases to the environment, and to meet NFPA, OSHA, and RCRA requirements, including but not limited to: providing covered storage of Hazmats, providing appropriate storage for flammable materials, providing impervious underlayment (e.g. tarps) where Hazmats are being used on grassed areas, keeping lids of containers closed at all times, etc.:

3.3.6.1 The Contractor shall store all Hazmat in the designated Hazmat storage area approved by the Contracting Officer, per submittal 3.3.2.1.

3.3.6.2 The Contractor shall provide secondary containment for all Hazmat being stored on base. Secondary containment shall be chemically inert to the Hazmat being stored and impervious to absorption of the Hazmat (spilled, dripped or

leaked). The secondary containment volume shall not be less than 10% of the total quantity being stored or the equal quantity of the largest container being stored, whichever is greater in volume. Separate secondary containment shall be provided for incompatible Hazmats, such as acids and bases, flammables and corrosives, flammables and oxidizers, etc.

3.3.6.3 The preservation of the landscape shall be an imperative consideration in the selection of all sites. No activity shall be conducted or storage permitted within the dripline of any tree without being depicted on the drawings and being approved by the Contracting Officer.

3.3.6.4 The Contractor shall be responsible for the cleanup and disposal of all spilled Hazmats, including any spilled, leaking or dripping hydraulic fluid and other fluids from equipment and vehicles.

3.3.6.4.1 Spills have no size limit; any amount spilled shall be cleaned up by the Contractor. The Contractor shall provide all materials use to contain and absorb any spill, and shall provide appropriate and proper containers into which the spill debris shall be placed. Spill absorbents used shall be picked up immediately and placed in the disposal container.

3.3.6.4.2 Disposal of spilled wastes generated from spill cleanup shall be the Contractor's responsibility and shall be in accordance with paragraph 3.7 of this 01560 section.

3.3.6.5 The Contractor shall use NFPA and OSHA required or specified flammable material and corrosive material storage lockers for the storage of all Hazmats.

3.3.6.6 The Contractor shall segregate incompatible materials at all times in his or her field office, storage, staging and work areas.

3.3.6.7 The Contractor shall use protective measures, such as drop cloths and tarpaulins, when using Hazmats, in order to keep the work and storage areas free from drips and spills and to protect unimproved surfaces from environmental contamination.

3.3.6.8 The Contractor shall keep all containers closed at all times when not in use. At any time when a hazmat is finished being used for the day, the hazmat container shall be returned to the designated storage area.

3.3.6.9 The Contractor shall not store Hazmat outdoors where it may be exposed to sun, rain, wind or other elements and precipitation. The Contractor shall

follow all manufacturers' recommendations for storage of Hazmat, according to the PDS.

3.3.6.10 The Contractor shall ensure that Hazmats are never poured out onto grass or soil, and are never drained to or disposed of on the ground, in a water way or via the storm sewer system. Mixtures of water and/or Hazmats shall never be dumped onto the ground.

3.3.6.11 The Contractor shall ensure that all employees are given proper training in the use and storage of the Hazmats onsite, and in the use of any personal protective equipment necessary for the proper use of Hazmat on Dobbins ARB.

3.3.7 The Contractor shall not generate any waste as a result of cleaning any Contractor tools, vehicles, containers or other equipment on base; cleaning of Contractor equipment on base is prohibited unless otherwise permitted by the Contracting Officer. The Contractor shall plan for this in determining which Hazmats to use for specific tasks.

### 3.4 STORM WATER POLLUTION PREVENTION

The Contractor is authorized to perform land disturbing activities and exterior facility work under the scope of this project. The project requires coverage under Georgia National Pollutant Discharge Elimination Standard (NPDES) general permit for construction activity GAR100001.

#### 3.4.1 References

3.4.1.1 **GA Rule 391-3-03k:** Water Quality Standards

3.4.1.2 **GA Rule 391-3-7:** Erosion and Sedimentation Control

3.4.1.3 **Cobb County, Article VIII:** Soil Erosion and Sedimentation Control

3.4.1.4 **Erosion Control Manual:** Manual for Erosion and Sediment Control in Georgia (4th Edition 1996, or Current)

3.4.1.5 **Storm Water P2 Plan:** Dobbins ARB Storm Water Pollution Prevention Plan (September 2005 or Current)

3.4.1.6 **GAR 100001:** Georgia National Pollutant Discharge Elimination System (NPDES) Permit for Storm Water from Construction Activities

#### 3.4.2 Submittals

3.4.2.1 Draft Notice of Intent (NOI)

3.4.2.2 Final NOI Submission Package

- 3.4.2.3 Cobb County Land Disturbance Permit (LDP)
- 3.4.2.4 ESPCP Plan Changes
- 3.4.2.5 ESPCP Initial Inspection Report
- 3.4.2.6 ESPCP Monthly Report
- 3.4.2.7 Notice of Termination (NOT)

### 3.4.3 NPDES and Land Disturbance Permit

3.4.3.1 The Contractor shall prepare the draft Notice of Intent (**Submittal 3.4.2.1**) for Georgia NPDES permit GAR100001. The NOI along with all supporting documents shall be submitted to the Government for review at least 30 days prior to starting land disturbing activities. The contractor shall be listed as the Primary Permittee (operator) of the site. The contractor is fully responsible for ensuring the project complies with the requirements of Georgia permit GAR 100001 and the Erosion, Sedimentation, and Pollution Control Plan executing this permit under the scope of this project.

3.4.3.2 The Government will review the draft and return it to the Contractor within 10 days after receipt. Within 7 days after receiving the Government review comments, the Contractor shall then finalize and sign the NOI and submit the completed NOI, required supporting documents, and applicable permit fees to the Georgia Environmental Protection Division (EPD). This mailing shall be certified return receipt requested. The Contractor is authorized to begin land disturbing activities 14 days after the date the NOI is submitted. The Contractor will submit a copy of the final NOI Submission Package (**Submittal 3.4.2.2**) including the return receipt to the Government prior to land disturbing activities.

3.4.3.3 The Contractor shall obtain a Cobb County Land Disturbance Permit prior to land disturbing activities. Under an agreement with Cobb County, a LDP can be obtained by the contractor after providing a copy of the signed NOI package submitted to the State, a copy of the Erosion Control plan from the drawings, and payment of any applicable permit fees to Cobb County. The contractor shall submit the LDP (**Submittal 3.2.4.3**) to the Contracting Officer prior to land disturbing activities.

3.4.3.4 The Contractor has been provided an Erosion, Sedimentation, and Pollution Control Plan (ESPCCP) as part of the design package. The ESPCCP is required pursuant to permit GAR 100001. The Contractor is required to fully execute the ESPCCP as part of this contract. It is the Contractors responsibility to ensure the ESPCCP is up to date and any changes of the project are incorporated into the plan in accordance with permit requirements. Changes to the ESPCCP shall be submitted (**Submittal 3.4.2.4**) to the Contracting Officer for their records.

3.4.3.5 The Contractor is required to perform an initial site inspection within seven days after installation of initial sediment storage and perimeter control BMPs. Pursuant to Part IV-A-5 of the permit, the Contractor shall retain the original design professional who prepared the ESPCP to perform this inspection. The design professional has seven days to submit a report to the contractor who has two days to correct deficiencies. The contractor shall submit **(Submittal 3.4.2.5)** a copy of the design professional's initial inspection report to the government upon receipt.

3.4.3.6 The Contractor shall submit ESPCP Monthly Reports **(Submittal 3.4.2.6)** to the Contracting Officer no later than 5 calendar days after the end of each month for every month beginning when the NOI is submitted including the last month when the NOT is submitted. The ESPCP Monthly report shall include:

- 3.4.3.6.1 All daily inspections performed during the previous month;
- 3.4.3.6.2 All weekly inspections performed during the previous month;
- 3.4.3.6.3 All post storm event inspections performed during the previous month;
- 3.4.3.6.4 The Monthly Inspection report for the previous Month;
- 3.4.3.6.5 Laboratory results of any storm water samples taken during the previous month

3.4.3.7 The Government shall be responsible for sending any required reports under the NPDES permit to the State of Georgia. Copies of any such reports will be provided to the Contractor for recordkeeping purposes.

3.4.3.8 Once land disturbing activities are concluded, final grade and vegetation is established, the Contractor shall prepare, initial, and sign and submit the Notice of Termination **(Submittal 3.4.2.7)** for GAR100001. The NOT shall be submitted to the Government when final stabilization of the site has been established. Once the submittal is approved, the Government shall sign the NOT as the owner and submit the notice to the State of Georgia. The Government shall provide a copy of the signed NOT back to the Contractor. The Contractor shall continue to follow the ESPCP until they receive written or e-mail notice from the Government, the NOT has been submitted to the State.

3.4.3.9 The Contractor is required to keep the ESPCP including all inspections, reports, and notifications for at least three years after the Notice of Termination is submitted to the State of Georgia.

#### 3.4.4 Dobbins ARB Storm Water Protection Requirements

3.4.4.1 No fuels, oils, acids, wastes, or other materials shall be permitted to enter these water resources directly or through storm drain inlets in accordance with Georgia Rule 391-3-03k-Water Quality Standards.

3.4.4.2 The Contractor is prohibited from pouring ANY material down a storm drain. Exceptions to this requirement may be granted by the Contracting Officer after a written request for the discharge is approved by the Government and is consistent with permit requirements.

3.4.4.3 If the Contractor believes he/she has encountered federally protected floodplains or wetlands not specified in the contract during the execution of work, the Contractor shall stop work on the site immediately and notify the Contracting Officer.

4. The Contractor shall comply with all applicable U.S. Air Force, Federal, and State environmental statutes and regulations.
5. All mud, dirt, debris, foreign objects, trash, or spills (including Sub-Contractors and suppliers) on a street or parking lot, used as access to the work site or staging area shall be cleaned off the same day or as soon as practicable or requested by the CO.
6. The Contractor shall immediately report to the CO to discuss any issues or incidents which may indicate potential imminent risk to contracted, federal, or local personnel, the public at large or the environment. Following the notification the Contractor shall be available to the CO for instructions regarding remediation of the release. Contractor should be aware of “you spill, you dig” policies related to working on Dobbins Air Force Base and be prepared to respond to a release caused by the Contractor’s personnel.
7. To report a release or spill, contact the CO as soon as possible.  
Report the following:
  - a) Your name, location, organization and telephone number
  - b) Name & address of the party responsible for the incident
  - c) Date and time of the incident
  - d) Location of the incident
  - e) Sources and cause of the release or spill
  - f) Types of material(s) released or spilled

**D. DESCRIPTION OF WORK:** The following outline of the principle features of work does not in any way limit the responsibility of the contractor to perform all work and furnish all materials to do a complete job within the intent and scope of the specifications, drawings, and contract. The contractor shall be responsible for field-verifying existing site conditions and measurements prior to bidding. The contractor shall provide all materials and labor to complete the job as intended. All work must be in accordance with all applicable codes and standards. All OSHA standards must be adhered to. The contractor shall:

Implement the government supplied Fire Suppression Design for Building 826, by Rosser International. The design entails the following aspects:

- a. Installation of fire break walls in warehouse.
- b. Installation of Dry Pipe System in offices and warehouse per UFC 3-600-01, CH 6-10 and NFPA13.
- c. Ensure system is connected to base fire alarm system.
- d. Pressure test system to insure proper operation.
- e. Installation of all other definable features of work per the design and specifications.

The design consists of the following drawings: (Attached separate to this Statement of Work)

PDFs:

- 01 x001
- 02 x002
- 03 a0301
- 04 a0302
- 05 a0303
- 06 e001
- 07 e0301
- 08 FP 0.01
- 09 FP 3.01
- 10 FP 5.00

The design consists of the following specifications: (Attached separate to this Statement of Work)

PDFs:

00001 Project Title Page  
00005 Certification Page  
00010 Table of Contents  
01040 Site Requirements  
01300 Submittals and Contractor Furnished Items  
01501 Temporary Services  
01502 Temporary Utilities and Services for Continued Occ- Gov't.  
01540 Green Procurement  
01572 Construction and Demolition Waste Management  
01580 Safety Requirements  
01730 Operations and Maintenance Data  
01731 Cutting and Patching  
01732 Selective Demolition  
01770 Closeout Procedures  
07213 Batt Insulation  
07841 Through Penetration Firestop Systems  
07900 Joint Sealants  
08110 Steel Doors and Frames  
08710 Door Hardware  
08800 Glazing  
09111 Non-Load Bearing Steel Framing  
09250 Gypsum Board  
09510 Acoustical Ceilings  
09912 Interior Painting  
15502 Dry Pipe Sprinkler System  
15504 Underground Fire Protection Mains  
16011 General Electrical Requirements  
16100 Wiring Methods  
16109 Firestopping  
16190 Demolition of Existing Facilities  
16195 Identification

02- Sprinkler Calculations

Period of Performance:

The contractor shall have 120 days from notice to proceed after the contract is awarded.

## **E. SUBMITALS:**

1. In general, for each facet of construction, the Contractor shall submit material samples and related calculations to the CO for approval a minimum of five calendar days prior to procurement and placement of that particular material and construction respectively. This is to preclude approval of a completed design package preceding construction placement thereby completing delivery orders expeditiously. Upon review by the Government the submittal along with any comments will be returned to the Contractor within five calendar days. Upon final approval the Contractor shall commence with the procurement and construction activity accordingly.
2. The Contractor will submit a Plan/Schedule that includes minimal milestones detailing various stages of construction and phasing, lead time of new materials and installation to the Government for review prior to performing the associated work. Weekly updates shall be provided to the CO.
3. The contractor will submit a line item cost proposal to include each item of work listed in the SOW. The cost proposal shall also have individual line items for overhead, profit, insurance, mobilization, and other associated fees.
4. All material and articles requiring approval, as contemplated by the Materials and workmanship clause, shall be submitted by the Contractor using the AF Form 3000, or automated equivalent. Any material used without or before Government approval is subject to removal, at no cost, if directed by the CO.
5. Submittals are required for all related material and equipments that the Contractor intends to use for this project. The Contractor shall prepare and submit a material and equipments listing of any items procured locally for project requirements. Specific items on the listing shall be selected for inspection. This does not include manufacturer recommended equipment and materials. Utilization of any parts and materials for this project will be at Contractor risk if there is no prior submittal approved for such items and materials. The US Air Force obtains the right to stop the Contractor and request the removal of any equipment and/or material utilized without prior approval by the USAF technical representatives.

## **II. CLEAN UP**

1. Do not dispose of rubbish and debris into any waste receptacle on Dobbins ARB.
2. Do not allow accumulations of rubbish or debris in parking lots or on planted materials or grass.
3. Materials that cannot be removed daily shall be stored in areas specified by the Contracting Officer
4. Comply with federal, state, and local hauling and disposal regulations. The contractor shall haul waste from the Robins AFB site to an appropriate disposal site. All debris will be removed from site (contractor is responsible for dump locations and fees).
5. Contractor is responsible for daily clean-up.
6. Contractor is responsible for repair cost incurred as a result of all damage to any facilities on Dobbins ARB.
7. The use of burning at the project site for the disposal of refuse and debris will not be permitted.

## **F. QUALILTY CONTROL**

1. The contractor shall supply a quality control program and provide documentation of quality for the following areas:
  - a. Material Specifications
  - b. Skilled Labor Qualifications
  - c. Workmanship Proofs
    - i. Weld certificates or coupons
    - ii. Destructive material tests
      1. Concrete
      2. Anything required per applicable code
  - d. Documentation of pipe pressure tests, per code
  - e. Material Costs sheets upon demand by the contracting officer
2. A third party engineering firm will provide quality control to the Contracting Officer. This firm is to have unhindered access to the job site and non-proprietary construction documentation for this project.