STATEMENT OF WORK
Demolish Building 4908
MAHG21-1144

1.0 INTRODUCTION:

Furnish all equipment, labor, supervision, and materials necessary to complete the demolition of Building 4908, to include all structures, foundations, sidewalks, outdoor accessories, and utilities as indicated in the area for Keesler Air Force Base (KAFB). Perform all work in accordance with this statement of work and the terms and conditions of the construction contract.

2.0 ACRONYMS/DEFINITIONS:

ACM – Asbestos Containing Material
AF – Air Force
AFB – Air Force Base
AFI – Air Force Instruction
APR – Air Purifying Respirator
BMP – Best Management Practice
BOS – Base Operating Service
C&D – Construction and Demolition
CE – Civil Engineering
CES – Civil Engineering Squadron
CEV – Civil Engineering Environmental
CFR – Code of Federal Regulations
CM - Contract Monitor
CO - Contracting Officer
DOD – Department of Defense
EISA – Energy Independence and Security Act
EPA – Environmental Protection Agency
FPCON – Force Protection Condition
FOIA – Freedom of Information Act
FOUO – For Official Use Only
FT - Foot
GFCI – Ground Fault Circuit Interrupter
HEPA- High Efficiency Particulate Air (filter)
IAW – In Accordance With
IBC – International Building Code
IN - Inch
LBP – Lead Based Paint
MDEQ - MS Department of Environmental Quality
MDOT- Mississippi Department of Transportation
MSS – Material Submittal Schedule
NEC – National Electric Code
NFPA – National Fire Protection Association
OSHA – Occupational Safety and Health Act
PM - Project Manager
POC – Point of Contact
PPE – Personal Protection Equipment
RAMS – Random Antiterrorism Measures
RCRA – Resource Conservation and Recovery Act
RFI – Request for Information
SDS – Safety Data Sheets
SF – Square Foot
SOW - Statement of Work
SWPPP – Storm Water Pollution Prevention Plan
SY – Square Yard
UFC – United Facilities Guide
WO – Work Order
TAB - Test, Adjust and Balance

3.0 TASK DESCRIPTION:

3.1 LOCATION:

This contract is to be performed on Keesler Air Force Base in Biloxi, MS at Building 4908.

3.2 DESCRIPTION OF WORK:

3.2.1 The Contractor is encouraged to examine the site and make note of all requirements of the Work before submitting any bids. Any accessories or incidental items not specifically shown on the Drawings and detailed in the Statement of Work herein, which are necessary and/or required to complete the work within the intent of these documents, are to be included by the Contractor without additional cost to the Government. Perform all work in strict accordance with the SOW / specifications / drawings and subject to the terms and conditions of the contract.

3.2.2 Utilities for the work will be provided by the Government unless otherwise noted.

3.2.3 Preliminary hazardous material testing has been completed and indicate no hazardous materials in the facility. It is not anticipated that hazardous material will be encountered during work. However, should such material be encountered, the Contractor is to immediately stop work and contact the CO. All hazardous material will be dealt with according to paragraphs 4.6, 4.7, 4.8 of this Statement of Work.

3.2.4 SCOPE: There will be multiple demolition projects that are projected to be awarded around the same time, there is potential that multiple contractors will be working in close proximity. If one contractor is awarded all three demolition projects work shall be accomplished concurrently on all three demolitions.

3.2.4.1 Demolish Bldg 4908 to include all three (3) stories and entire foundation. Bldg 4908 footprint is approximately 20,000 square feet. Floor Plans for the building can be found in sheets A1.0 through A1.2 of the attached drawings.

3.2.4.2 Demolish one (1) metal ramada / canopy, one (1) block building, and one (1) wooden gazebo as shown on drawings. Include demolition of associated slabs and foundations with canopy demolition.

3.2.4.3 Demolish miscellaneous site improvements including concrete sidewalks, light poles, benches, grills, picnic tables, and a sand volleyball pit.

3.2.4.4 Any active demolition site must have a temporary fence installed around the perimeter.

3.2.4.5 Dispose of all material off-site. Follow all base recycling standards for any recyclable material.

3.2.4.6 All structures are shown to be demolished in the attached plans are to be taken down to six (6) feet below existing grade and filled and compacted with select fill. Select Fill specifications are provided in Specifications section of this SOW.

3.2.4.7 Centipede sod is to be placed over all structure and utility demolitions. Sod is to be maintained a minimum of six (6) weeks after placement. Maintenance of sod will be a warranty item. Any bare soil after demolition completion must be covered with sod.

3.2.4.8 Dust control will be strictly enforced. Develop a plan to keep dust to a minimum and submit plan to Contracting Officer a minimum of two (2) weeks before any demolition operations begin. Plan must clearly indicate methodology to keep demolition dust, specifically silica, down to a healthy levels in accordance with applicable CFRs. Fire hydrants are located around Bldg 4908 and may be used with consent from BOS Shops.

3.2.4.9 Coordinate with BOS Electrical Shop and CLP to remove power feed to the building.

3.2.4.10 Protect Live Oaks. No damage to the trees will be permitted.

3.2.4.11 Regrade all areas to promote positive drainage and to eliminate stormwater ponding.

3.2.4.12 Utilities are to be removed (not abandoned) as shown on the attached drawings are to be removed. Where branches are removed back to gas and water mains, install line stops and valves at the point of disconnect shown on the drawings. Coordinate with BOS Shops for any utility outages which are necessary for removal.

3.2.5 ATTACHED SPECIFICATIONS AND DRAWINGS

3.2.5.1 Specifications:

02 41 00 – Demolition
31 00 00 – Earthwork

3.2.5.2 Drawings:

T1.0 – Title Sheet
G1.0 – General Notes
D1.0 – Structure Demolition

D1.1 – Pavement Demolition
D1.2 – Utility Demolition
A1.0 – B4908 First Floor Plan
A1.1 – B4908 Second Floor Plan
A1.2 – B4908 Third Floor Plan
C5.0 – Civil Details

3.2.6 Reference Material Submittal Schedule (MSS) – Submittal Register for the schedule of material submittals that must be approved. The Contractor shall provide all items listed on MSS – Submittal Register on the AF Form 3000 Material Approval Submittal. Item number on the AF Form 3000 must match the same Item name/number listed on the MSS – Submittal Register.

3.2.6.1 Submit via email one (1) copy of product data, shop drawings, and Certification of Compliance, and Manufacturer Recommendations, or as otherwise noted in the MSS – Submittal Register, as directed in the Pre-Construction Conference.

3.2.6.2 Submit three (3) hard copies of color schedules, and one (1) copy of samples, or as otherwise noted in the MSS – Submittal Register, as directed in the Pre-Construction Conference.

3.2.6.3 All submittal documents received that do not clearly delineate and display the information which is being submitted will be returned to the Contractor.

3.2.6.4 The CO's approval or acceptance of submittals is not to be construed as a complete check, and indicates only that the general method of construction, materials, detailing, and other information are satisfactory, to meet the Solicitation and Accepted Proposal. Approval or acceptance will not relieve the Contractor of the responsibility for any error which may exist.

3.2.6.5 Material: All material furnished by the Contractor for this job shall be new and unused material of high quality unless otherwise noted. The Contractor is responsible for the proper storage of all material until it is installed.

3.3 PERFORMANCE TIME:

120 Days after the 'Notice to Proceed' has been signed.

3.3.1 No Work shall begin until all Submittals related to that work have been received and approved.

3.3.2 Punch list items noted in the closeout process shall be fixed before the end of the Period of Performance or the project will be considered past due.

3.4 PERFORMANCE OF WORK:

3.4.1 Conduct services conforming with this SOW, Drawings, and Specifications. All work shall be done in a neat and workmanlike manner and in keeping with standards for similar work. Perform services in accordance with schedules, once established. Complete all work with minimum disturbance and maximum protection of property. Notify the CM 72 hours prior to work starting.

3.4.2 The Contractor must within 24 hours of notice that a delay will be incurred notify the CO in writing. This letter must identify why there will be a delay, and how long. Also, the Contractor shall take any actions in his control to prevent delay from occurring.

3.4.3 To complete the work on this job, certain Government-owned facilities may have to be removed or altered in some way and others may be inadvertently damaged. It is the responsibility of the Contractor to return these facilities to a condition acceptable to the CO.

3.4.4 Damage to located underground utilities will be repaired at the Contractor's expense. Repairs shall replace the damaged section "in kind" for storm, sanitary, gas, and water; or replace the entire run to the current standard in the case of communication or electrical.

3.5 JOBSITE MAINTENANCE AND STORAGE AREAS:

The Contractor shall maintain the jobsite and staging areas in conformance with the standards below and as directed by the CO.

3.5.1 Lay down/staging areas shall be kept neat and free of loose debris at all times. Grass shall be cut and maintained regularly. Height and maintenance shall be consistent with Base standards and consistent with the immediate area.

3.5.2 Jobsites and lay down/staging areas shall be enclosed with a 6' chain link fence with brown fabric screening unless otherwise noted. Materials and equipment may be stored inside storage units. Items stored in the lay down area shall be arranged neatly.

3.5.3 All temporary storage trailers and storage containers shall present a neat and clean appearance and shall be in a state of good repair and shall be located within the fenced area described in paragraph above.

3.5.4 If allowed by the contract and if approved by the CO, an office mobile unit may be located outside of a fenced area. At a minimum, this unit shall be in a paved area and shall present a neat, professional appearance. Unit shall be of Keesler standard colors, shall have presentable skirting and access stairs. Ancillary items, such as porches and canopies, shall be neat and painted Keesler brown. Contractor shall submit a picture of the proposed unit for approval and before unit is moved to Base.

3.5.5 Execution of work may require excavation or other type of work both at and away from primary work area. These areas shall be secured and work times shall be kept to a minimum. Open excavations shall be directly in progress or shall be covered directly after work complete. Open excavations requiring extended period of inactivity shall be temporarily backfilled. In no case shall an excavation be open for more than 72 hours. Barricades, fences, and other warning devices shall be maintained neatly at all times.

3.5.6 The Contractor shall maintain the premises, including any staging area or storage areas, free from accumulations of waste, debris, and rubbish caused by the Contractor's work and shall minimize the spread of dust and flying particles. As work is completed, or at the end of each day, the site shall be cleaned and all waste material shall be properly disposed of properly.

3.5.7 Should warnings of winds of gale force or stronger be issued, the Contractor shall take every practical precaution to minimize danger to persons and damage to property. These precautions shall be coordinated through the CO and shall include closing all openings; removing all loose materials, tools, and equipment from exposed locations; securing all material, tools, equipment, and construction work; as well as removing or securing scaffolding and other temporary work. The Contractor shall also coordinate all efforts with the CO and follow the Base Commander's direction in the event of an upcoming storm or hurricane which may range from securing sites to complete demobilization of all equipment and material from the base.

3.6 SUPERVISION:

Contractors shall provide competent supervision familiar with the project and are on-site at all times when work is in progress. Contractor is responsible for scheduling and coordinating various trade activities. Contractor is also responsible for assuring that all work accomplished and materials used are in accordance with industry standards.

3.7 ACCESS:

The CO shall have access at any and all times to the Contractor's equipment, materials, supplies, assigned areas and sites of operation for inspection purposes.

3.8 HOURS OF OPERATION:

The Contractor will be able to accomplish this work between the hours of 7:00 AM and 5:00 PM. The Contractor will not normally be permitted to work on weekends or on the following federal holidays (or the day the Federal Government observes these holidays) unless approved by the CO. To be approved by the CO, the Contractor shall provide documentation showing work performed outside the hours of work will benefit the project's mission. If approved by the CO, the Contractor shall coordinate such work with the CM at least one (1) week in advance:

New Year's Day	Labor Day
Martin Luther King, Jr.'s Birthday	Columbus Day
Washington's Birthday	Veteran's Day
Memorial Day	Thanksgiving Day
Juneteenth	Christmas Day
Independence Day	

The following days are not federal holidays but may require work stoppage:
Special Olympics- Thursday through Sunday of First NON-Training weekend in May

3.9 PERMITS:

Contractors will be required to obtain permits as required by Keesler in the performance of their work. Before commencing work, post or have readily available all permits.

The following permits must be obtained anytime referenced work is required.

DIG PERMIT	BOS Customer Service
BURN PERMIT	Keesler AFB Fire Department
CONFINED ENTRY PERMIT	Certified personnel only. Obtain permit from BOS CM or Safety Office. Notification to Fire Department of actual day and time work is accomplished.

3.10 INTERRUPTION OF SERVICES:

3.10.1 If interruption of any building utility services such as but not limited to the following, chilled water, electrical power, domestic water, fire protection water supply, or communications etc. are required, the Contractor shall perform the work on normal work week hours after receiving approval, during the weekend, or on non-training Fridays. The Contractor shall coordinate the interruption of the utilities 14 days in advance with the CM and user regardless of the option chosen. The Contractor shall include any additional cost of performing the work in their original bid.

3.10.2 The Contractor shall fill out a "utility service outage request form" and submit it to the Contracting Officer. The Contracting Officer may require the Contractor to attend a coordination meeting to assess the purpose, intent, and impact of the outage request with the facility and any or all operations departments.

Contractors shall not shut-down or start-up any mechanical, electrical and/or plumbing system without the coordination and/or permission of the CO.

3.11 JOBSITE SAFETY:

3.11.1 The Contractor shall take all necessary and prudent safety precautions to ensure the safety of the workforce and other exposed personnel. The Contractor shall observe all Safety, Security, Traffic and Fire regulations presently enforced at Keesler Air Force Base and comply with latest issue of OSHA requirements. Contractors shall comply with the Occupational Safety and Health Act (OSHA, Public Law 91-596) and the resulting standards, OSHA Standards 29 CFR 1910 and 1926. The detailed provisions of the act for accident prevention are directly applicable to all Contractor operations. Prime Contractors are also responsible for ensuring any Contractors also adhere to OSHA Guidance. OSHA compliance officers can visit Contractor worksites on the installation.

3.11.2 Contractors are responsible for ensuring all industrial safety provisions are followed. Take immediate corrective action to comply with safety regulations if informed of a violation by the CO.

3.11.3 Contractors must report all accidents involving Air Force people, property, or equipment damage, and any Contractor personnel injured in the performance of the air force contract to the CO.

3.11.4 Contractor shall comply with all aspects of the National Fire Protection Association (NFPA) Standard 241, "Standard For Safeguarding Construction, Alteration, And Demolition Operations," current edition, and United Facilities Criteria (UFC) 3-600-01, “Fire Protection Engineering For Facilities,” current edition.

3.11.5 Provide safety protection and precautions for any electrical exposure. Temporary lighting shall have metal cages around the lamp and shall be turned off when not in use and no fire watch is present.

3.11.6 Ground Fault Circuit Interrupters: Whenever Contractor uses portable electrical tools or equipment in an outside location where operator will be in contact with a grounded surface or in an interior wet location where floor is conductive such as concrete, Contractor shall provide and use a portable ground fault circuit interrupter (GFCI). This shall apply wherever electric power is supplied through government-owned facilities. Contractor shall be responsible for maintaining the GFCI in operating condition and testing it before each use.

3.12 PASSES:

3.12.1 Contractor Notification Responsibilities: The Contractor shall provide a written notification to the CO. The notification shall include the names and contact

information (phone number, and email) of a minimum of two Contractor representatives (preferably the contracting agent and the project supervisor) that will be responsible for this project and have 24-hour contact availability to answer any questions or address any issues that may arise that are related to this project.

3.12.2 Passes for Contractor employees may be requested through the assigned CO. Requests shall include full name of employee as it appears on their identification, length of pass needed (up to 30 days), and days needed (if other than standard working hours).

3.12.3 Paperwork required for passes:

3.12.3.1 For vehicle operators: 1] Current driver license for each employee in support of work on Keesler AFB. 2] Vehicle Registration and Proof of Insurance.

3.12.3.2 For non-vehicle operators: Current driver license, official ID card, or passport.

3.13 REPORTING REQUIREMENTS:

The Contractor shall comply with AFI 71-l0l, Volume1*, Criminal Investigations* and Volume-2, *Protective Service Matters,* requirements. Contractor personnel shall report to an appropriate authority, any information, or circumstances of which they are aware may pose a threat to the security of DOD personnel, Contractor personnel, resources, and classified or unclassified defense information. Contractor employees shall be briefed by their immediate supervisor upon initial on-base assignment and as required thereafter.

3.14 PHYSICAL SECURITY:

3.14.1 Areas controlled by Contractor employees shall comply with Base Operations Plans/instructions for FPCON procedures, Random Antiterrorism Measures (RAMS) and local search/identification requirements. The Contractor shall safeguard all government property, including controlled forms, provided for Contractor use. At the close of each work period, government training equipment, ground aerospace vehicles, facilities, support equipment, and other valuable materials shall be secured.

3.14.2 The Contractor shall not employ persons for work on this contract if such employee is identified by the government or BOS Contract officials as a potential threat to the health, safety, security, general well-being or operational mission of the installation and its population.

3.15 VEHICLE SAFETY AND TRAFFIC LAWS:

3.15.1 The Contractor and its employees shall comply with base traffic laws and regulations.

3.15.2 The Contractor shall ensure employees have a current and valid driver's license and commercial permits/licenses for the type of vehicle operated, before allowing the employee to operate a Contractor-owned or rental vehicle on Keesler AFB.

3.15.3 The Contractor shall provide all vehicles to perform the requirements of the contract. All vehicles shall be in operable condition and meet local, state, and federal safety requirements, and be specifically designed for the purpose intended for use. Vehicles shall have, clearly visible on each side, the Contractor company name, a unique vehicle identification number, in addition to all required Department of Transportation (DOT) markings and information.

3.15.4 Airfield Driving: All Contractors must receive airfield drivers training prior to receiving notice to proceed or prior to driving on the airfield IAW (AFI 13-213, 2.1.3.39.7.) This training will be provided by Airfield Management at B0233 PH: 228-377-2215.

3.15.5 Cellular Phones: The use of cellular phones while operating a vehicle is prohibited while on Keesler AFB property.

3.16 CONTROLLED UNCLASSIFIED INFORMATION (CUI):

The Contractor shall comply with Executive Order 13556, "Controlled Unclassified Information", regarding Controlled Unclassified Information (CUI), and requirements. The DoD Instruction (DoDI) 5200.48, "Controlled Unclassified Information," sets policy and procedures for the disclosure of records to the public and for marking, handling, transmitting, and safeguarding CUI material.

4.0 ENVIRONMENTAL:

4.1 RECYCLED CONTENT AND BIO BASED PRODUCTS:

Green procurement is the name given by the Air Force to this buy-recycled purchasing program. The intent of the program is to stimulate recycling by providing a market for new products manufactured with bio-based or recycled materials. If applicable, material and product submittals for all recycled-content items should list the recycled and recovered materials used and the percentage content (by weight). Submittals for bio-based products should describe the bio-based materials used and the percentage content (by weight). This data is required to be submitted by the Contractor on an AF Form 3000 (Material Approval Submittal) to the CO upon completion of performance (construction).

4.2 ENVIRONMENTAL PROTECTION:

Perform all work and take such steps required to prevent any interference or disturbances to the ecological balance of the environment. All work must be performed in accordance with applicable Federal, State, Local, and Air Force environmental regulations. Use good management practices to protect air, water, land, and wildlife and to prevent noise, solid

waste, radiant energy, dust, and radioactive pollutants. In the event of a chemical or hazardous material spill, the Contractor must immediately notify the Keesler Fire Department at 911 (identify that you are located on Keesler AFB) and BOS/CEV environmental representative at 228-377-1262.

4.3 WASTE MATERIALS:

Unless otherwise specified, all waste materials, excess dirt and rubble, empty containers, etc., shall be disposed of at an approved off-base location in accordance with all applicable Federal, State, County, and Municipal laws.

4.3.1 Solid Waste Management:

4.3.1.1 Designate individuals on the Contractor's staff who are responsible for Construction and Demolition (C&D) waste prevention and management.

4.3.1.2 Develop procedures for collecting and storing C&D waste on project sites, including designating locations for waste containers, sorting or separating methods, handling, and transporting of wastes, special handling requirements, and scheduling for waste and recycling collection.

4.3.1.3 Develop descriptions of how the C&D materials will be recycled or reissued. The information should include any on-site storage and processing areas and a description of the processing and equipment.

4.3.1.4 Records shall be maintained for all C&D projects to document the quantity of waste generated; the quantity of waste diverted through sale, reuse, or recycling; and the quantity of waste disposed by land filling or by incineration.

4.3.1.5 Contractors shall provide these records to the CO in accordance with contract requirements.

4.3.1.6 Manage solid waste in accordance with the Keesler AFB Integrated Solid Waste Management Plan.

4.3.1.7 For any questions regarding solid waste, please contact BOS/CEV at 228-377-1262.

4.4 HAZARDOUS MATERIALS:

If hazardous materials will be used in the execution of this contract, the Contractor will be required to provide a list of materials, quantities, and Safety Data Sheets (SDS) to the Contracting Officer before work begins. The hazardous materials must be approved

through the Keesler Hazardous Materials Management Program prior to being brought onto Keesler AFB. This approval process may take up to two weeks, which should be considered in the performance period of this contract. Unless otherwise specified, all unused hazardous materials should be removed from the base at the end of the project.

4.5 STORM WATER MANAGEMENT:

If ground disturbing activities will take place as part of this project, the following items must be completed:

4.5.1 For any construction activity greater than 5,000 square feet of ground disturbance, the Contractor shall comply with all provisions of the Energy Independence and Security Act (EISA) concerning storm water run-off from Federal development projects.

4.5.2 The construction Contractor shall complete all paperwork necessary, including the Storm Water Pollution Prevention Plan (SWPPP) to apply for the appropriate Large (>5 acres) or Small (>1 acre but <5 acres) Construction Storm Water General Permit (Permit) from the Mississippi Department of Environmental Quality (MDEQ).

4.5.3 The Contractor shall furnish BOS/CEV copies of the Permit application, SWPPP, Permit, confirmation letter from the MDEQ and any other pertinent storm water information related to the project.

4.5.4 The initial storm water permit application and original SWPPP shall be submitted to BOS/CEV for review and comment prior to or at the time of submittal to the MDEQ.

4.5.5 The Contractor shall comply with all provisions of the Permit throughout the duration of the project.

4.5.6 Any construction site/land disturbance activity greater than 20,000 sq/ft, but < 1 acre shall have a SWPPP prepared and submitted to BOS/CEV for approval prior to construction or implementation of the land disturbance activity.

4.5.7 The Keesler AFB Small Municipal Separate Storm Sewer System (MS4) Permit requires Keesler AFB to maintain a file for each construction site. The file must contain the storm water training credentials of all Contractor personnel involved in storm water management at each construction site. The Contractor shall furnish BOS/CEV copies of storm water training credentials for all pertinent employees prior to commencement of construction activities. BOS/CEV training information is available to the Contractor.

4.5.8 The Contractor shall modify the SWPPP at any time to ensure the SWPPP is current with the existing site conditions at any time for the duration of the project.

4.5.9 The Contractor shall maintain all appropriate post construction storm water (BMPs) until final site stabilization is achieved.

4.6 REQUIRED ASBESTOS ABATEMENT AND MANAGEMENT PROCEDURES:

These steps are in accordance with Air Force Instruction (AFI), EPA, and MDEQ. OSHA regulations govern all worker safety requirements and must be complied with at all times by the Contractors and sub-Contractors. These requirements are summarized in the Keesler Air Force Base Asbestos Operations and Management Plan.

4.6.1 The following steps are required by all personnel or Contractors doing work on Keesler AFB.

4.6.1.1 If the personnel or Contractor encounters what they think may be asbestos, they are required to **stop** and call the KAFB Asbestos Point of Contact (APOC) for the Keesler Environmental Section (BOS/CEV) at 228-377-1262 or EMCS (228- 377-4179) after hours.

4.6.1.2 Once it is determined by the APOC that asbestos is present, the following actions described below are required (Only the APOC and Bioenvironmental are certified to make that determination).

4.7 NO ABATEMENT WORK IS TO BEGIN WITHOUT WRITTEN APPROVAL FROM THE APOC:

A Mississippi State certified asbestos abatement Contractor must be used to conduct the abatement. Please note that non-friable asbestos can easily be made friable and become regulated.

4.7.1 Before: The following documents must be submitted to the CO and approved in writing before abatement can begin:

4.7.1.1 10 Day MDEQ notification and return acknowledgment letter.

4.7.1.2 Asbestos Hazard Abatement Plan (to be certified by a Mississippi Certified Management Planner and/or Certified Industrial Hygienist).

4.7.1.3 Asbestos Work Plan (scope of work, removal procedures, worker protection, air monitoring, disposal location, containment procedures).

4.7.1.4 MDEQ Asbestos Abatement Certification for the Company.

4.7.1.5 Supervisor's qualifications and state certification.

4.7.1.6 CURRENT State Certifications (applications will not be accepted) for all individuals working on site.

4.7.1.7 Respirator fit tests for all individuals.

4.7.1.8 Physicals for all individuals.

4.7.2 During: Once the submittals are approved in writing, the following actions are required.

4.7.2.1 The Contractor is required to set up their containment areas, negative air machine, and critical barriers and obtain approval from the Asbestos POC to begin work.

4.7.2.2 The Asbestos POC routinely checks the abatement work to ensure that the containment area and critical barriers are secure, that the workers are wearing the appropriate personal protective equipment that the asbestos-containing material is being bagged appropriately, and that air monitoring is being conducted on the workers and outside the abatement area. This also includes reviewing the daily log maintained on site to assure that no uncertified individuals are performing abatement work.

4.7.2.3 Upon completion of the abatement work, the Contractor contacts the Asbestos POC to conduct a walk-through of the area and approve that all abatement has been completed and that the area has been cleaned of asbestos fibers. This action will require at least a 24-hour period. Please reference cleaning procedures in the Asbestos Management and Operations Plan.

4.7.2.4 Air sampling results are required to be collected and submitted for approval by the Asbestos POC before the containment area, negative air machine, and critical barriers can be removed.

4.7.2.5 All asbestos waste must be handled and disposed of in accordance with State law. The Asbestos POC must review the waste prior to leaving the base and the manifest will be signed by a designated Keesler government representative. Contractors will not sign manifests for asbestos containing material (ACM).

4.7.3 After: After the abatement has been complete and approved by the Asbestos POC, the Contractor shall submit the following items in a post-job submittal to be maintained in the Asbestos Abatement Files.

4.7.3.1 Air sampling results.

4.7.3.2 Daily report logs.

4.7.3.3 Daily worker sign in/out sheets.

4.7.3.4 Waste manifest (Generator Copy)

4.7.4 The Asbestos POC and Environmental Section (BOS/CEV) are available at any time to provide asbestos awareness training and consultation to CM's, PM's, Contractors, and Sub-Contractors **prior** to beginning the project.

4.8 REQUIRED LEAD-BASED PAINT MANAGEMENT PROCEDURES:

Appropriate OSHA worker protection is the responsibility of the employer. All projects will be monitored and inspected by BOS/CEV. The purpose of these instructions is to provide guidance to safely remove or encapsulate lead-based paint without causing a hazard. All work must be performed in accordance with OSHA, MDEQ and any local regulations for all work and disposal. The regulations are divided into two parts; a) lead-based paint on non-child occupied/non-target housing buildings and b) child occupied/target housing buildings.

4.8.1 Non-child occupied/ commercial buildings:

4.8.1.1 For non-child-occupied/commercial buildings, the minimum requirement for Contractors is to protect workers IAW OSHA requirements, use poly lay-down to collect paint chips, and turn into BOS/CEV for disposal. At minimum, the supervisor of the project should be LBP trained and supply proof of certification before work begins. The Contractor shall notify BOS/CEV before start of any project. Contractor must place plastic on the ground sufficient to capture all loosened paint chips and control water run-off. Removal methods preferred at Keesler AFB are the use of an approved chemical stripper or wet sanding methods for better collection of LBP chips and waste. These processes minimize lead dust and allow for maximum collection of LBP chips.

4.8.1.2 The Contractor shall meet with BOS/CEV prior to beginning the project to discuss protective measures, best management practices (BMP's), any landfill disposal, and maintenance of chips and their collection (until they are turned over to BOS/CEV).

4.8.1.3 Any buildings with lead-based paint, if bead blasted to remove old paint, shall be supervised by a Contractor with proper training. Bead blasting upon prior approval only (see preferred method above).

4.8.1.4 The Contractor, under OSHA rules, must comply with the lead-based paint rules (including notification to BOS/CEV, if the job is abatement), certify appropriate training, and maintain personal monitors on workers until it is demonstrated there is no airborne lead risk.

4.8.1.5 BOS/CEV will inspect all projects involving Lead Based Paint removal and any required documentation must be provided to BOS/CEV prior to beginning work.

4.8.2 Child-occupied/target housing buildings:

4.8.2.1 Any child-occupied/target housing building older than 1978 must be painted using Lead Paint Protocol, including poly-lay-down, collection of paint chips, and the Contractor must always have a minimum of lead hazard training for all workers. The Contractor shall notify BOS/CEV before start of any project.

4.8.2.2 A paint Contractor must collect paint chips in their own clean buckets and have BOS/CEV dispose (if contract requires BOS/CEV dispose). Contractor must place plastic on the ground sufficient to capture all loosened paint chips and control water run-off.

4.8.2.3 For work on child-occupied/target housing buildings falling under the Lead Paint Protocol, the Contractor must use water or amended water when scraping or chipping. All members of the Contractor's work force must wear protective clothing and comply with all OSHA rules and regulations. OSHA regulation compliance is the employer's responsibility and is subject to inspection by OSHA and the Base. Suggested PPE include foot protection (ex. Rubber Boots) worn while on the poly. All PPE shall be stored on the protective plastic when not in use and shall be decontaminated or disposed of in an approved manner. Minimum respiratory protection for any OSHA "trigger task" such as scraping, manual sanding, demolition, heat gun and power tool cleaning is a half-mask air purifying respirator (APR) with HEPA filter that is at least 99.97 percent efficient (i.e., P100). APR fit tests evidence must be provided for inspection. Other circumstances may warrant higher protection. PPE determination is the responsibility of the Contractor.

5.0 DELIVERABLES:

5.1 INSPECTION AND ACCEPTANCE:

Inspection and Acceptance of services will be performed at Keesler AFB, Mississippi by the User, Facility Commander, and/or a member of 81st CES, along with the Keesler BOS Contract Monitor (CM), and Contracting Officer. Inspection and acceptance will be conducted in accordance with this SOW.

5.2 INSTALLED EQUIPMENT:

5.2.1 Contractor will furnish manufacturer warranties as needed for any component incorporated into this project such as equipment; any component installed in or made a part of the existing structure and any exterior or interior finishes, etc.

5.2.1.1 A one (1) year warranty on material and labor.

5.2.1.2 The manufacturer's warranty, if applicable.

5.2.2 All Operations and Maintenance manuals for any equipment supplied as part of the project. Submit two (2) hard copies in notebook binder, and one (1) electronic copy.

5.3 REPORTS:

The Contractor shall supply any third-party reports, test and balance reports, communication signal tests, etc. to the CM as soon as they are available or before project acceptance.

5.4 AS BUILT DRAWINGS:

The service provider shall provide as-built drawings regardless of any deviation from the original design. The drawings shall be RED lined markups (from either In-house Design or AE Design drawings) and shall be updated daily as necessary and turned in to the CM at the end of the contract.

6.0 CONTRACT TECHNICAL MONITOR:

The Contract Monitor (CM) is a Keesler BOS employee assigned to interface with the Contractor. The CM is authorized to provide technical direction within the scope of the Contract. All technical direction shall be issued to the Contractor via a Request for Information (RFI) countersigned by the CO.

The PM for this Contract is:
Name: Larry Adams
Phone: 228-377-2501
Email: larry.adams.13.ctr@us.af.mil
Mailing Address:
508 L Street (B4705)
Keesler, AFB, MS 39534

The CM for this Contract is:
Name: Kamran Pahlavan
Phone: 228-377-2462
Email:kamran.pahavan.ctr@us.af.mil
Mailing Address:
508 L Street (B4705)
Keesler, AFB, MS 39534

The CM can assist the Contractor in the interpretation of technical requirements and performance of the effort required. The CM shall have no authority to impose additional requirements or to change or delete existing requirements of the Contract. Any clarification provided by the CM concerning the work to be performed shall not be construed as a change to the Contract. Any changes to the original Scope of Work must be approved in writing by the Contracting Officer prior to work being performed.

--End of Section--