

STATEMENT OF WORK
Repair Student Dorm Davis Manor
Project # MAHG15-1053 Work Order # Multi

1.0 INTRODUCTION:

The Contractor shall furnish all equipment, labor, supervision, and materials necessary to provide repair of Student Dorm Davis Manor for Keesler AFB. All work is to be performed in accordance with this statement of work and is subject to the terms and conditions of the 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 Engineer Squadron
CEV- Civil Engineering
 Environmental
CFR – Code of Federal Regulations
CM – Construction Manager
CO - Contracting Officer
CUI-Controlled Unclassified
 Information
DOD – Department of Defense
EISA – Energy Independence and
 Security Act
EPA – Environmental Protection
 Agency
FPCON – Force Protection Condition
FOIA – Freedom of Information Act
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
Luxury Vinyl Tile - Luxury Vinyl
 Tile
MDEQ - MS Department of
 Environmental Quality
MDOT- Mississippi Department of
 Transportation
MSS – Material Submittal Schedule
MTL – Military Training Leader
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 Criteria
WO – Work Order
TAB - Test, Adjust and Balance
VAV- Variable Air Volume
VCT – Vinyl Composition Tile

3.0 TASK DESCRIPTION:

3.1 LOCATION: This contract is to be performed at Student Dorm Davis Manor B6955.

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, shall be included by the Contractor without additional cost to the Government. All work shall be performed 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 It is not anticipated that hazardous material will be encountered during the course of 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 Section 4.0 Environmental of this Statement of Work.

3.2.4 *SCOPE: Provide all labor and materials necessary to repair the Student Dorm Davis Manor building B6955.*

3.2.4.1 **Bid Items:**

- A. **Base Bid:** Provide a lump sum bid to construct all interior finish work within this scope of work, including the VAV boxes.
- B. **Add Alternate #1:** Fire Alarm System.

Notes:

1. Contractor shall provide and maintain dust barriers to help prevent spread of dust throughout the building and debris from spreading throughout the HVAC system, Fire System Devices, and IT equipment.
2. Contractor shall provide daily cleaning of the building's affected area of work as completed for that day. Contractor shall be responsible for disposing of all material and cleaning the area of work at the completion of the project.
3. Contractor shall provide 2% additional stock of flooring, ceiling tile, and all new finish material.
4. All work shall be phased to allow the facility to remain occupied during construction. Dorm Rooms will be released a wing (floors 1st, 2nd, and 3rd) at a time. Construction Manager will coordinate with Facility Manager on the number of Military Training Leader (MTL) offices released in each phase.

Contractor to ensure occupied rooms are not to be disturbed during construction in adjacent spaces.

5. Contractor will be responsible for moving and storing all furniture as required to complete the repairs. Contractor to palletize both dorm furniture and furnishings-see attachment "Palletizing of Dorm Room Furniture."

3.2.4.2 **REMOVE EXISTING: (Base Bid)**

Typical Dorm Room

A. Remove and dispose of:

- Carpet, transition strip, and rubber base.
- Countertops and plumbing fixtures.
- Damaged electrical and communication plates. Contractor to estimate 10% for bidding purposes.
- Damaged window sealant.
- Shower tile surround, fixtures, pan, curb, wall board and any damaged metal studs (assume 30% metal stud replacement for bidding purposes).
- Shower mixing valve and piping to accommodate new valves and shower head assemblies.
- Light fixtures in closets, vestibule, and bath (vanity) area.
- Soap and Toothbrush shelves.
- Damaged non-working toilets. Assume 10 % for bidding purposes.
- Shower door assembly and all components.
- Existing ceiling access hatch.

Typical Dorm Wing Halls

A. Remove and dispose of:

- Existing room signage to include signage on doors.
- Rubber base.
- Damaged gypsum wall board.
- Cork board backing in display cases.
- Damaged window sealant.

First Floor Common Area

A. Remove and dispose of:

- Ceramic tile base.
- Rubber base.

- Carpet.
- Sheet vinyl and Vinyl Composition Tile (VCT) flooring.
- Front desk, Vending, and Laundry millwork.
- Recessed door mats.
- Mop sink.
- Toilet paper dispensers.
- Soap dispensers.
- Countertops, sinks, lavatory faucets, drain assembly, traps, supply lines and flush valves in Conference Restrooms and dorm rooms.
- Damaged window sealant.
- Display cases.
- Housekeeping shelving.
- Damaged electrical faceplates.
- Rubber flooring and rubber base in all stairwells and vestibules.

Second and Third Floor Common Area

A. Remove and dispose of:

- Ceramic tile base.
- Rubber base.
- Carpet.
- Sheet vinyl flooring.
- Vending and Laundry millwork.
- Mop sink.
- Housekeeping shelving.
- Rubber flooring and base in stairwells.
- Damaged window sealant.
- Display cases.

Remove VAV Boxes:

- #### **A. Remove existing VAV Boxes to include associated duct connections, hot water piping beyond isolation valves, associated insulation for ductwork and piping, thermostats, power and control wiring to VAV Boxes.**

3.2.4.3 MODIFY EXISTING:

- #### **A. N.A.**

3.2.4.4 PROVIDE AND INSTALL NEW: (Base Bid)**Typical Dorm Room**

- A. Provide and install new carpet.
- B. Provide and install new rubber base.
- C. Provide resilient transition strip as required between carpet and tile floor to match existing.
- D. Provide and install new paint on walls and ceilings.
- E. Provide and install new light fixtures in closets, vestibule, and bath (vanity) area.
- F. Provide and install new lavatory countertops, faucet, strainer type drain assembly, flat rubber drain cover with chain, traps, and supply lines to stop valves. (Note: Replace pop up drain handle on new faucet to accommodate strainer drain and rubber drain cover with chain).
- G. Provide and install new metal studs (shower area) as necessary, concrete backer board, mixing valve and all piping.
- H. Provide and install new shower head assembly.
- I. Provide and install new shower door assembly.
- J. Provide and install new custom cultured marble shower assembly with integral 8" high fiberglass pan, monolithic sides with max 3 seams overall, and shower drain assembly (match existing shower drain pipe size). Color to be selected by Contracting Officer from manufacture's standard lines.
- K. Provide and install new caulking around countertops and shower door. Color to be selected by Contracting Officer from manufacture's standard lines.
- L. Provide and install new gypsum wall board patches at all damaged areas. Match existing wall texture and finish.
- M. Provide and install new sealant around windows and windowsills.
- N. Provide and install new 3'x3' ceiling access hatch for accessing new VAV boxes. Repair ceiling to match existing finish. Paint.

NOTES:

1. Following the installation of the new VAV boxes, the Contractor shall coordinate the location of the ceiling access panels with the VAV boxes to provide easy and clear access to the VAV box and its controls, with approval from the Construction Manager and Contracting Officer.
2. Coordinate the location of the ceiling access panels with the existing ceiling mounted light fixtures. In order to locate the access panels for

VAV box access, some light fixtures will need to be relocated with approval from the Construction Manager and Contracting Officer. (Assume 35%).

- O. Provide and install any damaged electrical faceplates with new faceplates. Clean all faceplates.
- P. Clean all toilets.

Typical Dorm Wing Halls

- A. Provide and install new paint on walls and door frames. Contractor is responsible for testing ALL existing paint for compatibility with specified paint and finish. If additional preparation is required, it is the Contractor's responsibility to bear the burden of the preparation.
- B. Provide and install new ceramic tile base to match existing tile color and size.
 - Tile base to be coved, bullnose top edge, 6"x12", and match existing grout.
 - Thin set to existing gypsum wall board. Repair damaged wallboard as necessary before applying tile base. Contractor to estimate 10% of wallboard unsuitable for mounting tile.
 - Submit sample for approval.
 - Seal with penetrating sealer.
 - Provide 2% extra material for owner.
- C. Provide and install new gypsum wall board patches at all damaged areas. Match existing wall texture and finish.
- D. Provide and install new dorm room signage. Match existing color, style, size, and verbiage of signage within Connor Manor Dorm B6950 (Approximately 198 EA).
- E. Provide and install new outside corner guards.
 - 4" tall.
 - Heavy duty.
 - 2" wide legs.
 - Fasten to walls following manufacturer's recommendations.
- F. Provide and install new cork board backing.
- G. Provide and install new sealant around windows and windowsills.
- H. Provide and install new rubber flooring and 6" base in all stairwells.

First Floor Common Area

- A. Provide and install new paint on walls, door frames, and hard ceilings.
- B. Provide and install new gypsum wall board patches at all damaged areas. Match existing wall texture and finish.
- C. Provide and install new millwork at Front Desk and Laundry.

- D. Provide and install new restroom lavatory countertops, toilet paper dispenser, soap dispenser, and sinks including toilet paper and soap dispensers at Conference restrooms and dorm room restrooms. Color to be selected by Contracting Officer from manufacturer's standard colors.
- E. Provide and install new ceramic tile base to match existing floor tile color and size.
- Coved.
 - Bullnose top edge.
 - 6"x8"
 - Match existing grout.
 - Thin set to existing gypsum wall board. Repair damaged wallboard as necessary before applying tile base.
 - Submit sample for approval.
 - Seal with penetrating sealer.
 - Provide 2% extra material for owner.
- F. Provide and install new 24"x24" square carpet tile.
- G. Provide and install new 4" rubber base.
- H. Provide and install new recessed floor mats at entryway.
- 3/8"-1/2" thick.
 - Fits in existing spaces.
 - Heavy duty.
 - Cleanable.
 - Slip resistant.
- I. Provide and install new heavy duty electrical outlets and switch plates for all common area rooms. Cold rolled steel. Color to be selected by Contracting Officer.
- J. Provide and install new Luxury Vinyl Tile (LVT) flooring in elevator.
- K. Provide and install new mop sink 32"x32".
- Coordinate with existing drain location.
 - 6" curbing.
 - Integral flanges for surrounding tile flooring.
 - Faucet
 - Heavy duty mop holders
 - Stainless steel mop sink surround/backsplash to min. height of 36" above sink top.
- L. Provide and install new flush valves in Briefing Restrooms. (Approximately 10 EA).

- M. Provide and install new porcelain tile floor (seal grout) and base in Vending and House Keeping.
- N. Provide and install new sealant around windows and windowsills.
- O. Provide and install new heavy duty display cases 4'x5' lockable.
- P. Provide and install new House keeping shelving-see detail 3/A300.
- Q. Provide and install new rubber flooring and 6" rubber base in all stairwells and vestibules.
- U. Provide and install new outside corner guards.
 - 4" tall.
 - Heavy duty.
 - 2" wide legs.
 - Fasten to walls following manufacturer's recommendations.

Second and Third Floor Common Area

- A. Provide and install new paint on walls, door frames, and hard ceilings.
- B. Provide and install new gypsum wallboard patches at all damaged areas. Match existing wall texture and finish.
- C. Provide and install new millwork at laundry area.
- D. Provide and install new ceramic tile base to match.
 - Match existing tile colors.
 - Match existing grout color.
 - Provide samples for approval.
 - Coved.
 - Bullnose top edge.
 - 6"x12".
 - Seal with penetrating sealer.
 - Provide 5% extra material for owner.
- E. Provide and install new heavy duty electrical outlet and switch plate covers for all common area rooms. Cold rolled steel and color to be selected by Contracting Officer.
- G. Provide and install new 32"x32" mop sink (2 EA).
 - Coordinate with existing drain location.
 - 6" curbing.
 - Integral flanges for surrounding tile flooring.
 - Faucet

- Heavy duty mop holders.
 - Stainless steel mop sink surround/backsplash to min. height of 36" above sink top.
- H. Provide and install new sealant around windows and windowsills. Replace window and windowsill sealant.
- I. Provide and install new cork backing/lining in display cases.
- J. Provide and install new housekeeping shelving.
- K. Provide and install new rubber flooring and 6" rubber base in all stairwells.
- L. Provide and install new outside corner guards.
- 4" tall.
 - Heavy duty.
 - 2" wide legs.
 - Fasten to walls following manufacturer's recommendations.
- M. Provide and install new heavy duty display cases 4'x5' lockable.

Paint and Finishes

- A. Contractor is responsible for testing ALL existing paint for compatibility with specified paint and finish as well as existing adhesion. If additional preparation is required, it is the Contractors responsibility to bear the burden of the preparation.
- B. Existing finished walls to receive 1 coat of premium quality latex primer and 2 coats of premium quality acrylic latex paint. Color and sheen to be selected from manufacturer's standard color chart (contractor to provide).
- C. New walls and patched areas to receive 1 coat of premium quality latex primer and 2 coats of premium quality acrylic latex paint. Color and sheen to be selected from manufacturer's standard color chart (contractor to provide).
- D. Door frames to receive 2 coats of premium direct to metal paint. Color and sheen to be selected from manufacturer's standard color chart (contractor to provide). Note: Frames shall be prepped, sanded, scraped, and primed. Contractor shall not use oil-based poly paint.
- E. Metal doors to receive 2 coats of premium direct to metal paint. Color and sheen to be selected from manufacturer's standard color chart (contractor to provide). Note: Doors shall be prepped, sanded, scraped, and primed. Contractor shall not use oil-based poly paint.

- F. Refinish all solid core wood doors in Common areas. Finish color to match existing Wing door finish. Doors to receive 2 coats of premium quality polyurethane. Contracting Officer to select sheen from manufacturer's standard color chart (contractor to provide).

3.2.4.5 **PROVIDE AND INSTALL NEW VAV BOXES: (Base Bid)**

Provide and install new Variable Air Volume (VAV) Boxes. NOTE: Following the installation of the new VAV boxes, the Contractor shall coordinate the location of the ceiling access panels with the VAV boxes to provide easy and clear access to the VAV box and its controls, with approval from the Construction Manager and Contracting Officer. Coordinate the location of the ceiling access panels with the existing ceiling mounted light fixtures. In order to locate the access panels for VAV box access, some light fixtures will need to be relocated with approval from the Construction Manager and Contracting Officer. (Assume 35%).

- A. Reheat coils shall be reconnected to the existing piping. Contractor shall replace the isolation valves with new ½" full port brass ball valves at time of work to maintain hot water until ready for new work. It is imperative that no pipe routing block access to the control box or power box. Blockage of these components will require rework by Contractor to permit user access at no cost to Government.
The Contractor shall use the following as a minimum:
 1. Circuit Setter or equal balance cock with Pressure and Temperature (P&T) plugs for pressure drop measurement/flow with locking setpoint and dial.
 2. Strainer on inlet water.
 3. Union at each isolation valve to permit coil removal, union at control valve to permit removal.
 4. 2 way modulating control valve.
 5. A ¼" air vent on return outlet with cock and cap or plug.
 6. A P&T plug on inlet water supply for measuring Pressure Drop (PD) across the coil or temperature drop.
- B. Duct connections: measure existing VAV box duct connections for medium pressure inlet and low pressure outlet. Provide sizing transitions and also length transitions to ensure new box will fit into existing space. Once box is hung and piping completed install new transitions using ample sealant for air tight connections. Insulate with 2" blanket insulation and tape. Cover all joints and seams of insulation with sealant.
- C. Hangers: may use existing if suitable or install new all thread anchored to deck and supporting the box. It is imperative that no hangers block access

- to the control box or power box. Blockage of these components will require rework by Contractor to permit access at no cost to Government.
- D. Box: Single duct shutoff type with hot water reheat coil. Box shall be double wall insulated with damper blade. The box shall come with pressure sensing rings or matrix for air measurement in neck.
 - E. Controls: The existing boxes are Texas Analytical Controls (TAC) controls and discarded (box and thermostat), the new controls will be stand-alone, until such time that an overall control system is installed, and shall have Bacnet capability. The controls will be completed with a wall thermostat (sensor with temperature and humidity) for user interface. A VAV controller will be installed with Bacnet capabilities and at a minimum provide for supply temperature, room humidity, zone temperature, airflow cfm, control valve positioning, status, and damper positioning. The box shall include a transformer for 120v to 24v sized for the hot water valve and controls. Each box shall be installed for standalone operation and tied back to the new control system when ready to do so. The box controls must come with terminals and programming capability to tie to a new controls panel and ultimately the base front end. Provide new control wiring from thermostat (wall sensor) to box controls. Extend data trunk for boxes to a central panel per floor for future connection to front end.
 - F. Test and Balance: provide the services of a certified test and balance firm to calibrate the controls with the scheduled airflows. Provide for a controls technician to tie into the thermostat and work with the TAB contractor to set and calibrate the box for air and heat control.
 - G. The contractor shall provide for all high voltage work to disconnect the VAV boxes and reconnect to the new vav box terminations. Work shall follow NEC practices. Provide new whip and conductors from power Junction box if existing does not reach new VAV box. All work shall not impede vav box panels for access. If found to have happened then the Contractor shall remedy the work at no cost to Government.

3.2.4.6 REPLACE FIRE ALARM AND MASS NOTIFICATION SYSTEM:

(Add Alternate #1)

The building will be occupied during construction. The existing Fire Alarm system (FA) and Mass Notification System shall be kept operational the entire construction phase. In the event the existing systems cannot stay energized, the contractor, at his/her expense shall provide "fire watch" personnel to monitor the building during the time the system is down.

A. Remove Existing Fire Alarm System:

1. Remove the existing Fire Alarm system (FA) and Mass Notification System (MNS) and all associated conduit, straps, boxes, etc. **once the new system is operational.**

B. Provide and Install New Fire Alarm System:

1. The contractor shall provide a Fire Protection Engineer (FPE) to design and stamp a set of construction documents that will be used to install the new Fire Alarm System and Mass Notification System. The FPE is responsible for designing a system that meets or exceeds CURRENT UFC3-600-01 (Fire Alarm System) and CURRENT 4-021-01 (Mass Notification System) and adheres to the CURRENT NFPA, NEC, and other UFC's and Entertek Laboratories (ETL)'s covering this type of system.
 - a. Locate new panel and ancillary equipment in the electrical room on the second floor on the north wall. Second floor electrical room is directly above the ground floor electrical room.
 - b. Tie Fire Alarm and Mass Notification to the existing Monaco BTX system.
 - c. Ensure BOS Fire Alarm Technicians and Base Fire Inspectors are notified for fire alarm testing and Monaco programming.
2. The system will cover the following but not limited to:
 - a. Duct detectors in supply and return of each system above 2000 cfm.
 - b. HVAC shutdown on initiation of the Fire Alarm System.
 - c. Door hold-opens.
 - d. Contractor shall coordinate access to the Building on a daily basis.
 - e. Contractor shall fire caulk all penetrations through fire walls.
 - f. Contractor shall repair/paint any walls or ceilings that they damage.
 - g. Keesler shall provide all messaging for the Fire Alarm MNS Voice Evac.
 - h. The final acceptance will not occur until Keesler has the instruction manuals and programming as required to access the Fire Alarm System/Mass Notification System, in addition to the required training required to add and/or delete devices that may be needed in the future. Keesler requires full access to the programs held in the Fire Alarm Panels memory.

3.2.4.9 **ATTACHED SPECIFICATIONS AND DRAWINGS:**

- A. Specifications: 061000 Rough Carpentry

- 062000 Finish Carpentry General
- 064020 Interior Architectural Woodwork
- 066120 Solid Surface Shower Products
- 066500 Solid Surface Fabrications
- 079200 Joint Sealants
- 083100 Access Doors
- 092550 Gypsum Board Assemblies
- 093013 Tile and Grout
- 096513 Resilient Base and Accessories
- 096519 Resilient Tile Flooring
- 096813 Tile Carpeting
- 099100 Paint
- 099323 Stains and Transparent Finishes
- 101100 Visual Display Units
- 102600 Wall and Door Protection
- 102819 Tub and Shower Enclosures
- 104000 Identifying Devices
- 108010 Toilet and Bath Accessories
- 123600 Countertops
- 124813 Entrance Floor Mats and Frames
- 220000 Plumbing, General Purpose
- 224000 Plumbing Fixtures
- 230300.0020 Basic Mechanical Materials and Methods
- 230593 Testing, Adjusting, Balancing for HVAC
- 230700 Thermal Insulation for Mechanical Systems
- 230900 Instrumentation and Controls for HVAC
- 230913 Instrumentation and Control Devices for HVAC
- 230923.02 Bacnet Direct Digital Control for HVAC and Other Building Control Systems
- 233000 HVAC Air Distribution
- 233113.0040 Metal Ducts
- 261000 Electrical-General Provisions

B. Drawings: Architectural

| | |
|------|--|
| T100 | Title Sheet |
| A100 | First Floor Commons Plan |
| A101 | Second Floor Commons Plan |
| A102 | Third Floor Commons Plan |
| A103 | First Floor/RCP A Wing |
| A104 | Second Floor/RCP A Wing |
| A105 | Third Floor/RCP A Wing |
| A106 | First Floor/RCP B Wing |
| A107 | Second Floor/RCP B Wing |
| A108 | Third Floor/RCP B Wing |
| A109 | First Floor/RCP C Wing |
| A110 | Second Floor/RCP C Wing |
| A111 | Third Floor/RCP C Wing |
| A112 | Typical Room |
| A300 | Millwork Plans, Elevations and Details |
| A400 | Lighting Plan, Shower Sections, Details and Legends |
| A500 | Commons Area RCP Reference |

Mechanical

| | |
|------|--|
| M001 | Schedules, Details |
| M002 | Mechanical Details |
| M100 | 1 st Flr Mechanical Plan Central Core |
| M101 | 1 st Flr Mechanical Plan West Wing (Area A) |
| M102 | 1 st Flr Mechanical Plan East Wing (Area B) |
| M103 | 1 st Flr Mechanical Plan South Wing (Area C) |
| M200 | 2 nd Flr Mechanical Plan Central Core |
| M201 | 2 nd Flr Mechanical Plan West Wing (Area A) |
| M202 | 2 nd Flr Mechanical Plan East Wing (Area B) |
| M203 | 2 nd Flr Mechanical Plan South Wing (Area C) |
| M300 | 3 rd Flr Mechanical Plan Central Core |
| M301 | 3 rd Flr Mechanical Plan West Wing (Area A) |
| M302 | 3 rd Flr Mechanical Plan East Wing (Area B) |

| | |
|------|---|
| M303 | 3 rd Flr Mechanical Plan South Wing (Area C) |
| M400 | Attic Mechanical Plan Central Core |
| M400 | Attic Mechanical Plan West Wing (Area A) |
| M401 | Attic Mechanical Plan East Wing (Area B) |
| M402 | Attic Mechanical Plan South Wing (Area C) |
| M600 | VAV Control Schematic |

3.2.5 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.

3.2.5.1 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.

3.2.5.2 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.

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

3.2.5.4 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 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:** If only the Base Bid is awarded, the period of performance is 270 Days beginning 10 days after issuance of the Award. If the Base Bid and Add Alternate #1 are awarded, the period of performance is 330 days beginning 10 days after issuance of the Award.

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 Services shall be conducted in conformity with this SOW, Drawings, and Specifications. All work shall be done in a neat and workmanlike manner and in keeping with generally accepted standards for similar work. Services shall be performed in accordance with schedules, once established. All work shall be done with minimum disturbance and maximum protection of property. The CM shall be notified 72 hours prior to work starting.

3.4.2 The Contractor shall, 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/her control to prevent delay from occurring.

3.4.3 In order 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.

3.4.3.1 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 shall be responsible for scheduling and coordinating various trade activities. Contractor shall also be 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
Juneteenth
Independence Day

Thanksgiving Day
Christmas 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:

3.9.1 Contractors will be required to obtain permits as required by Keesler in the performance of their work. Contractors shall post or have readily available all permits before work is commenced

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

| | |
|------------------------|--|
| DIG PERMIT, | Vectrus Customer Service |
| BURN PERMIT, | Keesler AFB Fire Department |
| CONFINED ENTRY PERMIT, | (certified personnel only) |
| | Obtain permit from Vectrus 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 48 hours 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 shall be 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 shall 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 71-101, Volume 1, *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 Air Field Driving: If applicable, all Contractors must receive airfield drivers training prior to driving on the airfield IAW the Keelser AFB supplement to 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: Contractor personnel shall, at all times, 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**: In the event that hazardous materials will be used in the execution of this contract, the Contractor shall 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 shall 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 shall 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 shall 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 shall 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 shall 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 shall 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 shall 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, shall 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 shall 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 shall 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 shall collect paint chips in their own clean buckets and have BOS/CEV dispose (if contract requires BOS/CEV dispose). Contractor shall 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 shall use water or amended water when scraping or chipping. All members of the Contractor's work force shall 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 Vectrus Keesler BOS Construction Manager (CM) and Contracting Officer. Inspection and acceptance will be conducted in accordance with this SOW.

5.2 INSTALLED EQUIPMENT:

5.2.1 Contractor shall 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 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.

5.2.2.1 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:

6.1 The Construction Manager (CM) is a Vectrus 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: David Williamson

Phone: 314.570.2845

Email:

david.williamson.23.ctr@us.af.mil

Mailing Address:

508 L Street (B4705)

Keesler, AFB, MS 39534

The CM for this Contract is:

Name: Eric Tosado

Phone: 228-377-5856

Email:eric.tosado.ctr@us.af.mil

Mailing Address:

508 L Street (B4705)

Keesler, AFB, MS 39534

6.2 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--