

**STATEMENT OF WORK
Renovate 412 for DCSA
PROJECT #201091 WO #80291**

1.0 INTRODUCTION:

The Contractor shall furnish all equipment, labor, supervision and materials necessary to provide all labor, materials, and equipment necessary to make exterior and interior modifications Building 412 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 Engineering Squadron
CEV- Civil Engineering
Environmental
CFR – Code of Federal Regulations
CM - Contract Monitor
CO - Contracting Officer
DOD – Department of Defense
DCSA – Defense Counterintelligence
and Security Agency
EISA – Energy Independence and
Security Act
EMCS – Energy Management Control
System
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
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
STC – Sound Transmission Class
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 at Building 412.

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 paragraphs 4.6, 4.7, 4.8 of this Statement of Work.

3.2.4 SCOPE:

- **REMOVE EXISTING:**

Rooms 104,105,106,107,108,109,110,111

- Remove existing doors/frames/hardware.
- Remove existing interior walls and portions of interior walls where noted on architectural drawings.
- Remove one (1) layer of gypsum board, 107 side, and wall insulation, from interior wall between rooms 107 and 108.
- Remove portion of gypsum wallboard as required to install electrical and communication work from interior partition walls (105, 108, 109, and 110). Remove gypsum board from stud to stud to ensure proper gypsum board attachment upon repair. Existing insulation shall remain.
- Remove one (1) layer gypsum board, 105 side, from wall between 103/105 and 111.
- Remove existing gypsum board and rigid insulation from the exterior perimeter walls. Prepare walls to receive new rigid insulation and gypsum wallboard.
- Remove one (1) layer gypsum wallboard from floor to roof deck above on interior perimeter walls (104 and 111).
- Remove miscellaneous hooks, inserts, nails/screws, etc., and damage to existing gypsum wallboard (that is to remain). (±15 SF)
- Carefully remove all window blinds and prepare for blind reinstallation.

- Remove existing carpet and rubber base where noted in architectural drawings.
- Remove existing light fixtures. Refer to Electrical.
- Remove existing smoke detector and speakers. Refer to Electrical.
- Remove HVAC diffusers, partial ductwork, and other incidental items as required. Refer to Mechanical.
- Remove existing lay-in acoustical ceiling tile where noted on drawings.
- Remove incidental items such as smoke detectors, light sensors, fire strobes, etc. as required.
- Remove existing door frame tags. (Doors and frames are not required to be rated)
- Remove existing window sills.
- Remove existing plumbing where noted on drawings and cap plumbing within wall. Refer to Plumbing.

Room 111

- Remove existing IT Cabinet. Prepare to relocate and reinstall. Refer to Electrical.

Room 112

- Remove existing gypsum wallboard. Treat any remaining mildew/mold as specified below.
- Remove portion of gypsum wall board and prepare wall for the relocation of the LAN cabinet.

Room 113 and 115

- Remove existing toilets, urinals, and lavatories. Refer to Plumbing.
- Remove approximately 3 SF of the plumbing wall at each toilet for toilet support and plumbing access. Prepare wall for repair.

Building Exterior

- Remove exterior building signage from front of building. Plug holes and patch walls to match existing finish and color.

Mildew/Mold Remediation

(Confine work to within the Suite renovation, or as otherwise noted in the drawings and SOW)

- Following material removal, any remaining areas containing mildew/mold shall be remediated. Treat affected areas as follows: Clean and sanitize the area with a solution of Sporicidin or approved equal. Pre-clean to remove debris using Sporicidin® Enzyme Mold Stain Cleaner or equal.
- Room 103: Treat mildew/mold from ceiling between sloped and high ceiling. (±5 SF)

- Room 112: Treat any remaining mildew/mold following gypsum wallboard removal. (±35 SF)
- Room 111: Treat any remaining mildew/mold following gypsum wallboard removal. (±50 SF)
- Unforeseen: Treat any remaining mildew/mold following gypsum wallboard and/or ceiling removal. (±100 SF)

Mechanical Demo:

- Contractor is to coordinate with EMCS through Vectrus cm for all controls related actions. An EMCS representative must be present for the demolition and confirmation of existing control points and control interlocks.
- Remove AHU1 duct system wrapped insulation.
- Remove (7) RA transfer 12" flex ducts, (14) RA grilles in new DCSA area. Patch wall each location. Provide (14) new ceiling tiles to install at each location.
- Remove (2) RA transfer 12" flex ducts, (4) RA grilles in rooms 120 to 102 and rooms 121 to 103. Patch wall each location.
- Remove (7) AHU1 duct sections shown.
- Remove (11) SA diffusers, retain SA diffuser 9x9 duct drops, throats in new DCSA areas.
- Remove (2) SA diffusers, with associated duct drops, throats in rooms 118, 119.
- Patch existing 14x6 & 14x12 duct sections at two locations in east classrooms (118, 119) at removal of 14x4 duct sections and diffusers. Install ceiling tile at two locations.
- Accomplish duct cleaning of AHU1 duct system.
- Accomplish duct cleaning of AHU2 duct system.
- Contractor is to schedule through Vectrus CM these duct system cleanings.
- Removal of AC refrigerant shall be coordinated with Vectrus CM. Contractor has the responsibility to remove, reclaim the refrigerant from the split AC system upon equipment/s removal.
- Isolate B0142 natural gas supply at gas meter for duration of project. Vent gas lines to open air. No inert gas purge is required.
- Remove AHU1 evaporator coil unit in Mech Rm.
- Remove AHU1 gas furnace unit in Mech Rm.
- Remove mixing box at floor.
- See miscellaneous piping demolition sketch for the extent of natural gas, gas flue, refrigerant, HW HTR drain, and condensate drain piping removal in Mech Room.
- Remove AHU1 36x32 RA grille in lobby wall at floor. Patch stud wall at this location.
- Remove, retain AHU1 TSTAT for relocation

Plumbing Demo:

- In each restroom, LAN Room, AND Break Room
- Insure the existing drains are not clogged, and freely drain all effluent with no leaks.
 - Insure HFW, CFW runs free and clear, with no leaks.
- In Men's & Women's Restrooms:
- Remove (4) wall mounted toilets & (2) urinals, with their associated flush valves.
 - Remove (4) lavatory sinks, and faucets.

Electrical Demo:

- A) The voice/DATA/CAT 5, CAT 5e communication system is distributed throughout the "DCSA" space has been installed using 1/2" EMT and 3/4" EMT routed from the phone board, located in MECH room, to each individual device w/ the conductors passing through the conduit to its destination. There are approximately 60 separate conduits, may be more, which will need to be removed as part of the project.
- B) Any EMT conduit, MC cable, or any like metal material entering and/or leaving the "DCSA" area must be treated in one of 3-ways.
 - 1. Remove conduit and cabling completely.
 - 2. 6" inside the "DCSA" area insert a dielectric connection (Ericson, Union) in each conduit to prevent electrical continuity.
 - 3. 6" inside the "DCSA" area provide a Green #4 THHN conductor attached to the conduit and then routed to the bldg. steel. Clean the bldg. steel down to the bare metal and provide a #4 lug, crimped, to ground the conduit to prevent electrical continuity.
- C) The majority of the DATA will be removed back to the phone board. Any DATA devices that are re-used will require new faceplates and new RJ45 connectors.
- D) All power devices shall remain but all will require new faceplates and new 20 amp receptacle devices.
- E) DEMO the entire existing fire alarm panel and all devices, conduit, conductors, antennas, and equipment associated w/ the existing Fire Alarm panel.
- F) DEMO all light fixtures and re-purpose the existing circuits to feed the new lights.
- G) DEMO existing light switches and faceplates.
- H) DEMO all existing phone equipment from existing phone board and provide a new ground bar per detail in drawings.
- I) DEMO existing HVAC equipment as noted in sheet M1.0 of referenced drawing.

- **MODIFY EXISTING:**

- **Building Exterior**

- Remove dirt, mildew, mold, and/or algae from building's exterior and mechanical fence enclosure. (9,000 SF)
 - Remove and replace damaged sealant in control and expansion joints on masonry wall. (±80 LF)
 - Remove and replace sealant around windows and door frames. (±125 LF)
 - Repair damaged FRP fascia panels. (±20 SF)
 - Clean exterior light fixtures and lens.

- **Room 102, 103, 113, 115**

- Replace damaged lay-in acoustical ceiling tiles to match existing. (10% of existing ceiling tiles)

- **All Rooms where noted on Finish Schedule**

- Modify existing stud walls to have an STC rating of 50, see partition types in architectural drawings.

- **PROVIDE AND INSTALL NEW:**

- **General:**

- Install interior perimeter wall (Wall Type 2A): Wall shall have min STC rating of 50. Wall shall extend from floor to roof deck above.
 - Install door unit (103). Unit shall be a high security door unit kit by Lockmasters, Inc. or approved equal. Kit shall consist of STC-50 - 3070 unit complete with door, frame, hardware, locking device and installation hardware. (Refer to Door Schedule in drawings.)
 - Exterior perimeter walls: Wall shall have min STC rating of 50. Install 1" rigid insulation and one (1) layer of 5/8" Type 'X' gypsum wallboard from floor to roof deck above. Provide sound attenuation insulation/rock wool insulation at openings between roof deck and walls.
 - Interior perimeter walls (Wall Type 2B): Walls shall have min STC rating of 50. Install 1" hat channel and 1" rigid insulation onto wall substrate. Install one (1) layer of 5/8" Type 'X' gypsum wallboard to hat channel from floor to roof deck above.
 - Interior partition walls (107 only): Walls shall have min STC rating of 50. Install two (2) layers of 5/8" Type 'X' gypsum wallboard, 107 side, from floor to roof deck above.
 - All walls requiring a min STC rating of 50: Patch and seal all penetrations through wall with acoustical sealant and provide two (2) continuous beads of acoustical sealant at floor/wall and wall

roof deck connections. Provide level 4 finish and paint wall from floor to roof deck above.

- Prime and paint walls.
- Install new and portions of new partition stud walls where noted on drawings.
- Install new doors/frames/hardware.
- Install sound attenuation insulation in new perimeter door frames.
- Install new rubber base.
- Install new carpet and LVT flooring where noted on drawings. (Refer to Section 096813 – Tile Carpeting in the specifications for purchasing information). Color by CO.
- Install new lay-in acoustical tile ceiling.
- Install 6” sound attenuation batt insulation on lay-in ceiling and 4’-0” to each side of the walls.
- Repair window sill framing, as required, and install new solid surface window sill where noted on drawings.
- Re-install existing blinds.
- Install new smoke detector, speaker, return/supply grills, and lighting fixture as noted on drawings. Refer to Reflected Ceiling Plan and Electrical.
- Install new cabinets and solid surface countertop.
- Install sink in countertop. Refer to Plumbing.
- Install new metal shelving for LAN Room equipment (111B). Refer to Electrical.
- Install new 5/8”x4’x8’ Plywood on south and east walls in LAN Room (111B).
- Install Cell phone locker (111C) to east wall as shown on the architectural drawings. Cell Phone locker shall be equal to Salsbury Industries 20-door wall mounted cell phone locker (4 boxes x 5 boxes):
 - Model 19045-20ASK
 - Dimensions: 37” W x 25.5” H x 6.26” D.

Work outside of DCSA Suite:

Room 102

- Infill door opening to achieve a 50 STC. See drawings.
- Provide class 4 finish on wall between 102 and 104/106 to bottom of roof deck. Prime and paint to bottom of roof deck.
- Install acoustical sealant and floor/wall, roof deck/wall and around all penetrations in wall.
- Prime and paint walls.

Room 103

- Install LVT at Suite entry (±5’-0”x6’-4”)
- Prime and paint ceiling.

Room 113 and 115

- Install new toilets, urinals, and lavatories. Refer to Plumbing.
- Install min 12" x 12" stainless steel plate over wall opening behind toilets. Ensure opening fully covered and sealed to wall
- Install 12"x12" stainless steel plate over wall at toilets pipe penetrations.
- Replace damaged ceiling tiles. (10% of tiles)

Building Exterior

- Install one (1) building number plaques on building exterior.

Mechanical Installation

- Procure & install new DCSA AHU1 10 Ton split AC system; condensing unit (TRANE TTA2043C or equal), outdoors on existing concrete pad.
- Procure & install new DCSA AHU1 10 Ton split AC system, Gas fired duct furnace (TRANE GLND120ADA3 or equal), AHU with DX coil, supply fan, filters, and mixing box (TRANE UCCAx06A0 or equal) in Mech Rm.
- See miscellaneous piping installation sketch for extent of gas, gas flue, refrigerant, HW HTR drain, and condensate piping modifications in Mech Room.
- Reconnect new AHU1 refrigerant lines to existing buried refrigerant lines.
- Reinstall the retained refrigerant sight glass indicator with new AHU1 refrigerant lines reinstallation.
- Procure & install new DCSA LAN system 0.75ton mini-split AC system (Fujitsu-Halcyon 9RL2 or equal). Install new condensing unit on new concrete pad at exterior of B412 as shown on the drawings.
Install new indoor wall mounted evaporator unit in new LAN room, as shown. Refrigerant lines shall be run in ceiling and thru exterior wall penetration, as shown.
- Fabricate & install (2) new AHU1 duct security barriers in SA & RA 20x16 duct sections at wall penetration between Mech Rm & Phone Rm. Install fire damper just downstream of security barrier. Provide 12x12 side access door at each fire damper & security barriers location. See DETAILS provided in reference drawing M3.0.
- Install (1) new OA duct section at AHU1 (2-12x12 elbow, 5LF of 12x12 horizontal duct, 10LF 12x12 vertical duct with 45deg offset with retained 12x12 OA balancing damper.
- Install (1) new SA duct section at AHU1 (1-20x20 to 20x16 vaned elbow, 1-20x16 vaned elbow, 14" 20x20 horizontal duct,

- 16" 20x16 vertical duct) with new security barrier and new 20x16 fire damper at wall penetration.
- At AHU1 and throughout DCSA office area, install a new fully ducted RA system. (10) new RA grilles and 14x14 duct drops, (3) 14x8 balancing dampers with new security barrier and new 20x16 fire damper at wall penetration. See reference drawing sheets M2.0, M3.0 for install plan and details.
 - Install (3) new SA duct sections shown, with (10) new SA diffusers, with (5) new 14x14 duct drops, (2) new (14x4 & 14x6) balancing dampers.
 - Install new AHU2 RA duct shown with (3) new RA grilles and 14x14 duct drops in new RA ductwork.
 - Install new AHU2 SA duct 20x14 section shown. Need (2) 20x14 balancing dampers with this duct section.
 - Relocate, remount AHU1 TSTAT to sitting room 105b, near entry to open office 104, as shown.
 - Insure sufficient balancing dampers are installed in existing AHU1, AHU2 ductwork to accomplish Air Balance Testing of each system. If no, report number and size of balancing dampers required to properly balance these air systems.
 - Insure sufficient access doors are installed in existing AHU1, AHU2 ductwork to accomplish all maintenance required at HVAC equipment installed. If no, report number, size, and location of access doors required to properly maintain HVAC equipment.
 - Contractor is to coordinate with EMCS through Vectrus CM for all controls related actions. An EMCS representative must be present for the addition of control points and control interlocks.
 - Contractor is to coordinate with Vectrus EMCS to test all control points after terminations at new AC equipment/s to ensure proper function before and after. It is the contractor's responsibility to ensure that the EMCS control system operates in the same manner as prior to the installation of the new equipment/s.
 - AHU1 EMCS CONTROL POINTS INTERFACE LIST:
 - FAN ENABLE
 - FAN STATUS
 - AC ENABLE
 - AC STATUS
 - HEAT ENABLE
 - HEAT STATUS ADD NEW
 - DA TEMP
 - OA TEMP ADD NEW
 - MA TEMP ADD FREEZE ALARM
 - ZONE TEMP
 - ZONE SP
 - SETUP SP

- SETBACK SP
 - OCC/UNOCC
 - O/O/A LOGIC
 - FAN ALARM
 - AC ALARM
 - AC RUN TIME
 - FAN RUN TIME
 - AHU1 ON/OFF/AUTO
- AHU1 ALARM SYSTEM CONTROL POINTS LIST:
 - FIRE STAT
 - SMOKE DET
 - AHU2 EMCS CONTROL POINTS INTERFACE LIST:
 - HEAT STATUS ADD
 - MA TEMP ADD FREEZE ALARM
 - AHU2 ALARM SYSTEM CONTROL POINTS LIST:
 - FIRE STAT
 - SMOKE DET
- Accomplish start-up testing on new DCSA AHU1 10 Ton split AC system, with gas fired duct furnace. Manufacturer's representative will be required. Provide test report and warranty validation.
 - Accomplish start-up testing on new LAN/COMM RM mini-split cooling system. Manufacturer's representative will be required. Provide test report and warrant validation.
 - After completion of HVAC work, contractor shall coordinate with EMCS through Vectrus CM to perform a duct leakage test and air balance testing of the B412 AHU1 & AHU2 air systems. Provide a test report for each.
Air Balance Diagram is provided on Sht.M3.0
Duct system leakage requirements are given in the referenced duct construction & accessories specification.

Plumbing Installation

- In Men's & Women's Restrooms:
 - Install (4) wall mounted toilets, (2) urinals, and associated flush valves.
 - Install (4) lavatory sinks, and faucets
- Plumbing fixtures will mount in same location on wall, from floor as the existing plumbing fixtures.
- See referenced plumbing specification for new plumbing fixtures. New fixtures will be hard-wired, auto-sensing flush valves, faucets.
 - (4) New toilets must mount sensor box in wall.
 - (2) AC-DC converters to mount above ceiling for sensor power source.

- In Break Room:
From existing abandoned HFW, CFW, and drain in stud wall, install (1) new under-counter utility sink and faucet. Utility sink will mount under new vanity millwork shown. .
- See referenced plumbing specification for new sink and faucet. New sink faucet will be hard-wired, auto-sensing faucet. (1) AC-DC converter shall mount in vanity cupboard area as sensor power source.

Electrical Provide New

Contractor shall hire a Fire Protection Engineer (FPE) to design the fire alarm system and the Mass Notification system (MNS) for both tenant spaces.

- A) Provide new Stand-Alone Fire Alarm system for “DCSA” area and a Stand Alone Fire Alarm system for the future tenant space area. Connect the (2) two systems together with a single circuit. Locate the “DCSA” fire alarm panel in the LAN room. Locate the other tenant (Tenant B) fire alarm panel in a conditioned space approved by Engineer. Provide a complete and functional system.
- B) Provide new LED lights and new LED emergency lights, switches and faceplates. Provide new breakers, conduit, and conductors for a complete and functional lighting and emergency lighting system. Provide a complete and functional system.
- C) Provide new CAT 6, unshielded, RJ45 connectors, faceplates, and new 7’ two post 19 “, 48 port rack as required for all devices plus 50%. Provide a complete and functional system.
- D) Provide new 50/125 multi-mode fiber optic w/ LC connectors, faceplates, conduit, and new 7’ two posts 19”, 48 port racks as required for all devices plus 50%. Provide a complete and functional system.
- E) Provide and install Access control system or approved equal, in accordance with Sheet E2.0.
- F) Provide and install AIPHONE system, or approved equal, in accordance with Sheet E2.0.
- G) Provide rough in (boxes and conduit) for Intrusion system. Intrusion System provided and installed by others. Reference Sheet E2.0.
- H) Provide new receptacles, faceplates, conduit and conductors for a complete and functional power system.
- I) Provide new breakers, conduit and wire to feed new HVAC units and LAN room A/C.
- J) Comm and power connections to owner furnished furniture by others.
- K) Contractor shall provide a “secure space” for the DCSA. Contractor is responsible for providing all labor and material in strict adherence with this SOW and attached drawings.

- **ATTACHED SPECIFICATIONS AND DRAWINGS:**

Specifications:

SECTION	NAME
00 10 20	DRAWING LIST
06 10 00	ROUGH CARPENTRY
06 20 00	FINISH CARPENTRY
06 40 20	INTERIOR ARCHITECTURAL WOODWORK
06 65 00	SOLID SURFACE FABRICATIONS
07 20 00	INSULATON
07 92 00	JOINT SEALANTS
08 10 10	STEEL DOORS AND FRAMES
08 20 00	WOOD DOORS
08 71 00	DOOR HARDWARE
08 72 00	THRESHOLDS
09 22 16	NON-STRUCTURAL METAL FRAMING
09 25 50	GYPSUM BOARD ASSEMBLIES
09 51 10	ACCOUSTICAL PANEL CEILINGS
09 65 00	LUXURY VINYL TILE
09 65 13	RUBBER WALL BASE
09 68 13	TILE CARPETING
09 91 00	PAINT
09 93 23	STAINS AND TRANSPARENT FINISHES
22 00 00	PLUMBING & PIPING
23 00 00	DUCT CONSTRUCTION & ACCESSORIES
23 01 30	DUCT CLEANING

Drawings:

1. T1.0 TITLE SHEET
2. D1.0 DEMOLITION FLOOR PLANS
3. D1.1 REFLECTIVE CEILING DEMOLITION PLAN
4. A1.0 FLOOR PLAN
5. A1.1 REFLECTIVE CEILING PLAN
6. A2.0 PARTITION TYPES
7. A3.0 DOOR SCHEDULE, ELEVATIONS, DETAILS AND FINISH SCHEDULE
8. A4.0 INTERIOR ELEVATIONS
9. A5.0 EXTERIOR ELEVATIONS
9. P1.0 PLUMBING PLAN

10. M1.0	MECHANICAL DEMOLITION PLAN
11. M2.0	MECHANICAL PLAN
12. M3.0	MECHANICAL AIR BALANCE DIAGRAM
13. E0.0	SYMBOLS
14. E1.0	POWER/LIGHTING
15. E2.0	COMMUNICATION

3.2.5 Reference AF Form 66 Schedule of Material Submittals for submittals that must be approved. The Contractor shall provide all items listed on AF 66 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 AF Form 66.

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 AF Form 66 – Submittal Register, SOW, and/or specifications.

3.2.5.2 Submit three (3) hard copies of color schedules, and one (1) copy of samples, or as otherwise noted in the AF Form 66 – Submittal Register, SOW, and/or specifications.

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: 150 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 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 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 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 normal 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 to be 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 seventy-two (72) hours 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
Independence 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 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 CM. 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, 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 Air Field 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 FREEDOM OF INFORMATION ACT PROGRAM (FOIA): The Contractor shall comply with DOD5400.7-R_AFMAN 33-302, Freedom of Information Act Program (FOIA), and requirements. The regulation sets policy and procedures for the disclosure

of records to the public and for marking, handling, transmitting, and safeguarding For Official Use only (FOUO) material.

4.0 ENVIRONMENTAL:

- 4.1 RECYCLED CONTENT AND BIO BASED PRODUCTS: Executive Order 13514 dated 5 Oct 09, outlines the federal government's special responsibility to lead the way in building markets for recycled goods. 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. The legal authority for the Green Procurement Program comes from the Resource Conservation and Recovery Act (RCRA) Section 6002. It requires federal agencies to give preference in their purchasing programs to products and practices conserving and protecting natural resources and the environment. 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 the Keesler BOS Contractor 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 In accordance with Executive Order 13514, Keesler AFB will divert 60% of all C&D waste.
 - 4.3.1.7 Manage solid waste in accordance with the Keesler AFB Integrated Solid Waste Management Plan.
 - 4.3.1.8 For any questions regarding solid waste, please contact VECTRUS/ 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 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 Vectrus/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 Vectrus/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 approved by Vectrus/CEV 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 Vectrus/CEV copies of storm water training credentials for all pertinent employees prior to commencement of construction activities. Vectrus/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) at the Keesler Environmental Section, which is Dale Woodall 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 Asbestos POC 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 (VECTRUS/ 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 VECTRUS/ 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 VECTRUS/ 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 VECTRUS/ 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 VECTRUS/ 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 VECTRUS/ 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 VECTRUS/ 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 VECTRUS/CEV will inspect all projects involving Lead Based Paint removal and any required documentation must be provided to VECTRUS/ 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 VECTRUS/CEV before start of any project.

4.8.2.2 A paint Contractor must collect paint chips in their own clean buckets and have VECTRUS/CEV dispose (if contract requires VECTRUS/ 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 Vectrus 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 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.

5.3 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.

5.5 DAILY PROJECT REPORTS: Contractor shall submit reports for the project every Tuesday of each week to cover the previous Tuesday thru Monday dates. (Only accepted on Vectrus Forms)

6.0 CONTRACT TECHNICAL MONITOR:

6.1 The Contract Monitor (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: George Reed

Phone: 228-377-5823

Email: george.reed.6.ctr@us.af.mil

Mailing Address:

508 L Street (B4705)

Keesler, AFB, MS 39534

The CM for this Contract is:

Name: Dennis Fink

Phone: 228-377-2207

Email: dennis.fink.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--