

Statement of Work  
for  
Opp# 1068558: Demolish VAQ, B4359  
(FY23 MILCON -WGF Dorm parking lot)

Project shall include the furnishing of all materials, labor, and equipment necessary for the complete demolition of the building and associated pavements to include all equipment remaining inside and outside the building. Perform demolition as indicated in accordance with UFC 1-200-01 General Building Requirements which includes the latest editions of the International Building Code, Architectural Barriers Act, and NFPA Life Safety Code. Contractors and sub-contractors entering confined spaces on Barksdale AFB shall comply with all Base and OSHA confined space requirements. Contact 2d Bomb Wing Safety Office with any questions about these confined space requirements.

Actual building square footage to be field verified by contractor. Building is a three story reinforced concrete structure; approximately first floor area 8,334 sf. second and third floor area 8,005 sf each, total building area 24,344 sf. Sidewalk and miscellaneous paving square footage to be demolished shall be field verified by contractor, approximately 2,473 sf.

1. Contractor shall obtain a 2 CES Digging Permit (AF Form 103) prior to beginning work. See attachment for approximate locations of utilities.
2. Coordinate all utility removal and outages with proper base agencies at least seven (7) business days prior to performing the work. Also, notify the 2d Civil Engineer Technical Support at least seven (7) business days prior to covering capped utilities, so they can mark for location and depth for base GEOBASE files.
3. Demolish and remove all existing partitions, walls, columns, concrete floor plates, roof, foundation, HVAC systems, electrical systems less the pad mounted transformer, plumbing fixtures, pavement, fencing as indicated, and any remaining miscellaneous equipment. Generally, all utilities servicing the buildings shall be removed back to the source.
4. The electrical transformer T4359 is to remain and be protected throughout the demolition. The electrical panel and lighting contactor that feed lights serving the parking lot northeast of B4359 are located on building B4359 near the transformer. Relocate the panel and lighting contactor close to the transformer on a new unistrut frame without blocking the front of the transformer. Ten feet of clearance is required in front of the transformer access doors for hot stick work. Install two additional bollards to protect the exposed western side of the transformer, meter, panel and contactor. Demolish the two existing wooden utility poles and all associated lights, wiring etc. All conductor shall be copper, secondary will be THHN insulation, #12 and larger wire will be stranded. Schedule 40 PVC duct bank is required. Secondary trench will be 24" below finished grade. Size wire and conduit as required per NEC to refeed the 125 amp, three phase panel (install a 5 wire system; 3 conductor, a neutral and a ground). Existing panel is 277/480 volt, 125 amp main breaker and there are two – three pole breakers inside: a 30 amp for the parking lot lights and a 60 amp that feeds the transformer at the covered pavilion. Update the panel directory to indicate the 30 amp breaker is feeding the parking lot lights.

5. Remove electrical conductor from any buried conduit and demo the conduit to 2' below grade at both ends for the secondary service from the transformer to the building. If any conductor is direct buried then demo to 2' below grade at each end.
6. Contractor to advise 2CES Alarm Shop Mr. Larry Jones 318 456-4279 when commercial power is removed from building and coordinate for their (Alarm Shop) recovery of the Monaco Fire Alarm panel, booster panels, pull stations and Mass Notification speaker strobes.
7. Contractor to provide all equipment, supplies and materials required to execute this communications scope of work as described. All provided equipment, supplies and materials shall be new and not refurbished. Communications site demolition shall consist of protecting the existing manhole/handhole conduit system at all times to prevent damage to communications cabling. (See 2CS Attachment 1) The duct bank consists of multiple 4" conduits and contains at least six (6) fiber optic cables and one (1) 600 pair copper cable. Any damage caused to this system or its contents therein shall be repaired under this scope of work by the contractor at the direction 2d Communications Squadron.
8. 2d Communications Squadron (2CS) shall meet with the contractor to review this scope of work before any manhole work is performed, coordinate this review through Mr. Greg McCallie 318 456-4840. Contractor shall be responsible for required pumping at MH151. 2CS shall cut 200 pair cable (05, 1-200) in MH151 servicing B4359. After the cable has been cut the contractor shall remove existing splice closure and removed 200 pair cable. Contractor shall use Tyco Amp Purple pic-a-bonds part # 61226-2 or approved equal and clear cap each conductor associated with the 200 pair removal. Leave a single fold-back of slack on 200 pair count before clear capping. Care must be taken to maintain pair twist and binder integrity for each group so they are clearly identified and tied off with the appropriate binder colors. If there isn't enough existing binder tape in the splice to accomplish this then the contractor shall use color coded binder tie wraps. After capping, the contractor shall install new Preformed Line Products (PLP) Armadillo 6.5" Stainless Steel Closure with filling flange and drillable end plates or approved equal. Once the old case has been removed 2CS will determine what length closure the contractor will need to procure and install. The installation of the PLP case or approved equal shall be done in strict compliance with the manufacturer's instructions. After installation the PLP case shall be flash tested to 15 psi and soaped to ensure the case has been installed properly and no leaks are present. The case will then be filled with 3M High Gel Re-enterable Encapsulant 8882 or approved equal. Install steps and retaining clips as required. Secure case to steps with Thomas and Betts DELTEC strapping kit with cable support heads Catalog number for the locking heads is TYD-LH (package of 25), catalog number for the DELTEC strapping is TYD-50R (50' reel) or approved equals. Contractor can remove cable from conduit going from MH151 to B4359 and cap conduit on west edge of demolition site after the above has been completed.
9. There is AT&T commercial cable in B4359 (See 2CS Attachment 2). Contact the following PoC's for requirements associated with their cable removal: Mr. Ralph Hollis, Area OSP Engineering [rh5237@att.com](mailto:rh5237@att.com) 318 670-5369 office, 318 286-8441 mobile; Mr. Michael Sinclair, Manager OSP Planning & Engineering [ms5934@att.com](mailto:ms5934@att.com) 318 670-1002 office.
10. Sanitary sewer lines, domestic water lines, fire protection lines, HVAC systems lines, and natural gas lines shall be cut and capped at the main or cut and capped at valves near mains as directed by 2d Civil Engineer personnel. Remove water service back to service valve and plug or cap service valve. Excavate and remove natural gas service to isolation valve closest to main and cap using permaset style cap that can be cut and utilized as a coupling for future development. Cap

sewer line at the main as directed by 2d Civil Engineer personnel. Remove pipe back to the post indicator valve. Replace post indicator valve portion with a standard poly telescoping water valve box and plug with mechanical joint style plug or flange style whichever is needed.

11. Demolish and remove all existing floor slabs, columns, walls, walkways, and pavement to include all footings, grade beams, piers, reinforcement material and supports or any other objects used to support the building. Remove all exterior equipment foundations and pads. Saw cut existing pavements to be removed where they intersect with driveways and walkways that are to remain if an existing joint is not present. Site paving concrete only may be recycled at the on base concrete recycle facility at the contractor's discretion. Rebar containing concrete must be disposed of off base.
12. Demolish and remove all existing landscape and hardscape around the perimeter of the buildings to include, but not limited to trees, shrubs, pavers, and loose stone as indicated on the drawings. Area should have excess dirt removed/fill added as needed and graded to match surrounding area contours in such a way that proper runoff/drainage is acquired. Contracting Officer's Representative shall designate landscaping to remain during demolition prior to starting work. Designated landscape shall be protected from damage by Contractor for the duration of the project.
13. Provide and install backfill material to restored land area to match contour and condition of adjacent areas. Compact in proper lifts as required preventing settling of area. Match contour of land around so as not to create water-pooling problems or inhibit the proper draining of surrounding land areas. The top six-inch layer of all fill areas shall be sifted topsoil suitable for grass placement. Add extension rings to any manhole associated with the building as needed to ensure it is brought up to grade, visible and accessible.
14. Sod with St. Augustine, Bermuda or Centipede depending on the season to completely cover all exposed bare dirt areas and any grass damaged by the contractor. Contractor shall water and maintain sodded area until rooting takes place and replace any areas that die or does not take properly. Government will determine when sodded area has properly taken and watering can be stopped by the Contractor.
15. Contractor shall be responsible for installing and maintaining erosion control measures to prevent debris and mud from washing into storm drains and drainage swales. Contractor shall also be responsible for maintaining the existing base roadways free of mud and debris during demolition and hauling procedures. Contractor shall ensure safety of base personnel during demolition and shall clearly mark the site using cones, barricades, warning tape, construction fence, or any other object suitable for such use. A fabric covered construction chain link fence will be required around this demolition site. The driveway directly south of B4359 must remain accessible to dorm residents and support staff to the greatest extent possible, any driveway closure must be coordinated 7 days prior to closure with 2CES.
16. Demolition Materials: All demolition materials under this contract become property of the Contractor and must be removed completely from the Base. All materials, equipment, supplies left in the building or demolished at beginning of work shall become property of the Contractor. Burial of demolition debris on-site shall NOT be allowed.
17. Acceptance of completed work will be based on its conformance to the contract. Nonconforming work will be rejected. The Air Force is not obligated to accept nonconforming work at a reduced

price. The contractor shall start correction of rejected work within 10 calendar days after receipt of the rejection notice.

18. It will be the Contractor's responsibility to visit the site and become familiar with the facilities to be demolished and include all work and equipment required in the bid. It is the Government's desire that the end result of this contract be a clean fully restored site with all evidence of prior construction or facility location removed.
19. Upon completion of project, instruct base personnel on the location that utilities were cut off and capped for future reference.
20. The contractor will be responsible for and incur any and all labor and material costs required to repair any damages to government facilities that occurred during and as result of demolition operations under this contract. This damage will be identified as separate from the condition of the facilities as identified during the initial inspection. The damage will be identified, but not limited, to the following items.
  - a. Government gas, water, waste, communications and electric transmission and distribution systems.
  - b. Adjacent occupant personal property.
  - c. Existing trees.
  - d. Roadways and Parking Areas.

17. Additional Information

- a. The contractor will begin work not earlier than 7:30 am each workday. Work will not be performed later than 6:00 pm.
- b. Inspections will be conducted by the Contracting Officer and /or Contracting Officer's Representative and the contractor's manager.
- c. All discrepancies, if any, will be properly annotated.
- d. If work is in a Restricted High Security Area, special security actions and precautions will be required as directed by the Contracting Officer's Representative.

End of Statement of Work