

SECTION 01 50 00 – CONSTRUCTION FACILITIES & TEMPORARY CONTROLS

PART 1 - GENERAL

1.01 GOVERNMENT FURNISHED UTILITIES

- A. All reasonable quantities of utilities required in performance of this contract will be furnished by the *Government* at no cost to the *Contractor*. The *Contractor* shall be responsible for all charges associated with temporary power connections via Entergy Arkansas. Entergy Arkansas shall make such temporary connections from existing points of supply as required. Such temporary connections shall be removed by Entergy Arkansas at the completion of work and prior to final inspection.
- B. USE OF POTABLE WATER.
1. The water distribution system located on LRAFB is owned, operated and maintained by the City of Jacksonville, AR. Therefore, all matters concerning potable water are directed to the City of Jacksonville. Contact Jacksonville Water Works (JWW) at 501-982-6563 for all related matters including obtaining water, line breaks, etc.
 2. All *Contractors* shall obtain water from a designated Base water fill stand(s). A fill stand is located on Contractor's Hill.
 3. **NO** contractor, contractor employees, or sub-contractor(s) shall obtain water by a direct connection between a potable water outlet and a water tank or vessel.
 - a. If the contractor, contractor employees, or sub-contractor is discovered obtaining water from a non-authorized source, the following actions will be taken:
 - i. The operation will immediately cease.
 - ii. Water samples will be taken from the water tank or vessel, the water main outlet, and from other related water sources as deemed necessary.
 - iii. All samples will be obtained and analyzed on an expedited schedule.
 - iv. If any samples are found to be contaminated, the system will be disinfected in accordance with the Arkansas Department of Health (ADH) standards.
 - v. The contractor will reimburse JWW for any costs associated with sampling, analysis, and disinfection incurred by this event.
 4. For projects where the contractor is permitted to obtain water on the job site, the contractor will contact JWW. JWW will approve the specific fire hydrant locations for use by the contractor. No other fire hydrant locations will be used without prior approval by JWW. JWW will conduct fire hydrant operation training for any contractor, contractor employees, or sub-contractors who will be using the fire hydrants. No one will operate a fire hydrant without prior training by JWW. Each contractor will provide the following at their own expense:
 - a. A Reduced Pressure Zone Valve Assembly (RPZA) on the water outlet, fire plug, etc. (see diagram)
 - b. Provide certified test results for the assembly prior to installation/use.
 - c. The certified tester must be licensed by the ADH.

- d. Contractor MUST install a vacuum breaker on outside faucet hose bibs prior to connecting to any garden hose or soaker hose for lawn irrigation. Contractor shall not install garden or soaker hoses to a bare outside faucet hose bib.
- e. If you have any questions, please contact JWW at 501-982-6563.

1.02 HEATING OF FACILITIES

The *Contractor* shall provide temporary heat at least 65 degrees F but not to exceed 70 degrees F between November 1st and April 1st, unless the heating system is fully operational. The proposed method and temporary heating appliances shall be submitted to, and approved by, the *Contracting Officer* prior to November 1st. Only UL Approved appliances will be considered.

1.03 STORAGE

- A. Enclosed storage space shall be provided by the *Contractor* at no cost to the *Government*. The *Contractor* shall remove all storage enclosures prior to the final inspection.
- B. As feasible, all equipment and materials shall be removed or secured at the end of each day. Storage, protection and security of material and equipment when not in use shall be the responsibility of the *Contractor*.
- C. A material storage/staging area will be made available to the *Contractor*, but close proximity to the project site may not be possible. All fenced areas, portable buildings, house trailers, semi-trailers, or other temporary constructions by the *Contractor* shall be in good condition and bear a sign showing the name and address of the *Contractor* and a day and night local telephone number where the *Contractor* can be reached. Construction debris, salvaged materials, and/or trash shall not be stored in staging area. Grass inside and adjacent to the fenced area shall be neatly mowed regularly by the *Contractor* during the period of usage by the *Contractor*.

1.04 CONSTRUCTION SIGN

A construction sign is required for each project unless otherwise noted. Sign shall be 4 foot by 8 foot, 15/32" plywood mounted on minimum 2 inch by 4 inch treated posts. Provide light at base of sign. Sign shall be as detailed on figure 1.04a.

Figure 1.04a



LEGEND

- AMC LOGO upper left corner
- 19 AW LOGO upper right corner
- PROJECT IS FOR lower left corner
- CE LOGO center
- CONTRACTING LOGO and/or USACE LOGO lower right corner

1.05 TEMPORARY AND PERMANENT TRAFFIC CONTROL

- A. *Contractor* shall provide and install all required temporary traffic control signs or device, as applicable for this contract. The traffic signs or devices shall conform with the Manual on Uniform Traffic Control Devices for streets and highways, U.S. Department of Transportation, Federal Highway Administration, latest edition. Provide amber flashing lights to protect the construction area from intrusion by traffic. Location of lights shall be approved by the *Contracting Officer*. Lights shall be weighted and made secure from possible movement until the area is open to traffic.
- B. Street closings will be limited to partial, one lane closings whenever possible. Any partial or full street closing shall be requested in writing at least two (2) weeks prior to the desired date. The *Contractor* shall provide Road Closed or Detour signs.

1.06 CONTRACTOR'S USAGE OF FACILITIES:

- A. The *Contractor* shall provide a properly and regularly maintained portable toilet for use by workers.
- B. *Contractor* shall not enter the occupied portion of the building to use restrooms, telephones, or other facilities.
- C. Tobacco use is prohibited in all *Government* facilities under this contract. Tobacco use is defined as smoking or chewing tobacco and using e-cigarettes. Tobacco use is only authorized in marked designated areas.

1.07 GRADE AND ALIGNMENT CONTROL:

The *Contractor* shall furnish a competent construction surveyor and survey party on the job site as needed to establish and maintain proposed grades and alignment for all increments of construction. The party shall be composed of skillful and competent personnel equipped with accurate and latest model equipment.

1.08 WINTER SHUTDOWN

Typically the *Contractor* shall stop construction for winter shutdown. Winter shutdown runs from 15 November through 15 March. The *Contractor* shall protect all construction from damage by adverse weather during the winter shutdown. The *Contractor* shall conduct work so that no area will have incomplete work at the beginning of the winter shutdown period. The *Contractor* shall turn over the entire area for use by the *Government* during the winter shutdown period. This period may be adjusted based on actual weather conditions and project type (i.e. not applicable to inside work).

1.09 WORK SEQUENCE

In addition to Progress Schedule, the *Contractor* shall submit for approval by the *Contracting Officer* four copies of a work sequence schedule showing the sequence of work by area including estimated dates for beginning work in each area. No work shall commence until approval of the work sequence schedule.

1.10 POLICE PROTECTION

19th Security Forces Squadron (SFS) is responsible for overall base security and traffic control of vehicles entering or leaving *Little Rock Air Force Base*. The *Contractor* is required to conform to all appropriate Air Force Security Regulations and shall not interfere with the performance of *Security Forces* duties and responsibilities. The *Contractor* shall be responsible for obtaining all necessary security passes for personnel, sub-contractor's personnel and all vehicles.

1.11 SAFETY

Contractor shall conform to all applicable portions of the latest Corps of Engineers Safety and Health Requirements Manual EM 385-1-1.

1.12 ROCK REMOVAL:

- A. Excavate and remove exposed rock where encountered. Do not use explosives. Excavate and remove by mechanical methods. The *Contracting Officer's Representative* will determine when rock is to be excavated. Measurement and agreement of rock removed shall be accomplished before rock is removed.
- B. Rock shall consist of boulders measuring 1/2 cubic yard or more and material that cannot be excavated without systematic drilling and blasting such as rock material in

ledges, bedded deposits, unstratified masses and conglomerate deposits, and below ground concrete or masonry structures exceeding 1/2 cubic yard in volume, except that pavements will not be considered as rock. Rock removal shall include all authorized overdepth rock excavation and include all necessary mechanical methods and all incidentals necessary to excavate and dispose the rock. Backfill replacing rock excavation shall not be paid separately, but shall be included in the Unit Price for rock excavation.

- C. Remove excavated materials to an off-base location secured by the *Contractor*.
- D. For measurement and payment, the *Contractor* shall survey and calculate the amount of rock removed. The *Contractor* is to provide certified survey notes and calculations to the *Contracting Officer* and the *Contracting Officer's Representative* for approval. Payment will be based upon the Contract Unit Prices per cubic yard.

1.13 CONTRACTOR FURNISHED COMMUNICATIONS

- A. *Contractor's* Superintendent shall be equipped with a cellular telephone and be reachable by telephone at any time during the normal workday. The cellular phone number shall be a local call from Little Rock AFB.
- B. *Contractor's* Superintendent shall be reachable, by telephone and/or cellular phone, 24 hours a day, seven days a week. (We need this for emergencies particularly on re-roofing of occupied buildings, airfield lighting work and airfield paving work.)

1.14 CLEANUP

Construction debris, waste materials, packaging material and the like shall be removed from the work site daily. Any dirt or mud which is tracked onto paved or surfaced roadways shall be cleaned away. Materials resulting from demolition activities which are salvageable shall be stored within the fenced area described above or at the supplemental storage area. Stored material not in trailers, whether new or salvaged, shall be neatly stacked when stored.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION – CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS