

## SECTION 01580 – TEMPORARY FACILITIES AND UTILITIES

### PART 1 GENERAL

#### 1.1 RELATED DOCUMENTS

- A. The General Provision of the contract, including the General Provisions for Construction Projects (2016), Special Provisions, and General Requirements of the Specifications, apply to the work specified in this section.

#### 1.2 SUMMARY

This item shall consist of arranging and maintaining all utilities including, but not limited to, water, electricity, sewage disposal, and telephone communications in the work area which the Contractor and Engineer deems necessary to meet the requirements of the work under the contract.

#### 1.3 TEMPORARY UTILITIES DURING CONSTRUCTION

- A. Water and Sanitation: The Contractor shall provide temporary drinking water and sanitary facilities for the field personnel. The facilities shall be in accordance with the applicable health regulations and shall be maintained clean and operable until the conclusion of the construction work.
- B. Telephone: The Contractor shall have a telephone available for the State's use for communications with field personnel. Cellular telephones are acceptable. The Contractor shall install the telephone immediately upon starting work and maintain service until the project is completed. All costs associated with obtaining and maintaining telephone service shall be borne by the Contractor.
- C. Electricity: Contractor shall obtain or provide temporary electric power and shall pay for all connections and energy charges incurred during construction.
- D. Metering: Water and electrical services shall be metered and payment for meters and services shall be borne by the Contractor. Temporary connections for water shall include installation of a meter and backflow preventer at the point of connection according to State standards at the Contractor's cost. The Contractor shall submit requests for temporary connections in writing to the Engineer fourteen (14) calendar days prior to the connection and shall include a description of work and a sketch of the proposed installation.

#### 1.4 TEMPORARY BARRICADES

- A. Barricades inside of the AOA shall be in accordance Section 01800 – Special Requirements for Contractors on the AOA, and the CSPP.
- B. For barricades outside of the AOA, the Contractor shall take precaution to protect people and property from injury and damage. The Contractor shall erect barricades

- to delineate his work areas and provide the appropriate signing, hazard lights, and temporary paint striping as directed by the Engineer, to aid public and airport pedestrian and vehicular traffic around Contractor's work areas. Barricades shall be traffic cones, delineators, blinker barricades, caution tape, sawhorses, plywood barricades or other barriers as approved by the Engineer to effectively provide proper protection.
- C. The Contractor shall be responsible for his own security and protection of his property, including mobilization yard barricades.
  - D. Barricades, in general, shall be neat and in good condition, as required for protection. In areas frequented by the general public, the barricades shall be visually presentable and plywood partitions shall be painted. Where dust is a problem, the Contractor shall erect floor to ceiling dust proof partitions.
  - E. The Contractor shall coordinate and sequence this work with the Engineer to permit the continuing operation of the existing Airport facility. Barricades shall be removed upon the completion and acceptance of work and the premises left clean and operational.

#### 1.5 TEMPORARY HAUL ROUTES

- A. Contractor shall be solely responsible to establish new haul routes or improve existing roads, or as he/she deems necessary in order to complete the projects. Airport approved haul roads are shown on the Plans and Construction Safety and Phasing Plan, and the Contractor shall submit a detailed haul route traffic control plan to demonstrate the methods for providing access for aircraft operations and access for vehicular traffic at all times. This plan shall be submitted a minimum of 14 calendar days prior to the start of haul road use. This plan will require approval by the Airport prior to haul road use by the Contractor.
- B. Any damage to the pavements caused by the Contractor's operations shall be repaired at his expense.
- C. Access to all active aprons shall be maintained at all times. Haul routes crossing active aircraft pavements shall be kept clean at all times.
- D. The Contractor shall obtain at the Contractor's own expense any haul permits for use of public streets for haul routes. Traffic control and cleaning shall comply with agency requirements. As a minimum, the Contractor shall provide sufficient traffic control measures including certified traffic flaggers to protect the public and the Contractor's personnel.

#### 1.6 CONTRACTOR'S OPERATIONS AND STORAGE AREAS

- A. During the course of the Work the Contractor will be afforded the use of the area designated on the Plans. This space shall be provided without charge to the

Contractor for the Contractor's use throughout the contract period. This space may be used by the Contractor for storage of materials and equipment to be used in the Work, the Contractor's field office, the Contractor's laboratory facilities, and for parking of employee's personal automobiles.

- B. The Contractor shall not damage the existing pavements. Any damage to the asphalt pavement shall be repaired at the Contractor's expense.
- C. The Contractor shall be responsible to investigate the availability of and adequate supply of water, power and communications utilities and make all arrangements, including permits, for the purchase of necessary utilities, at the Contractor's sole expense.
- D. The location shown on the Plans is approximate. The Contractor shall coordinate with the Engineer to determine the precise location and limits of the Area.
- E. The Contractor may install temporary chain link fencing and gates to enclose the staging and laydown area to protect his area as required at his own expense. The fencing and gates shall remain the property of the Contractor and shall be removed at the completion of the Work.
- F. The Contractor shall complete all clean up, restoration and repair, removal of equipment and materials, and removal of all temporary security fencing, gates and traffic control devices within the work site within thirty (30) calendar days after the date of substantial completion of the Work.

#### PART 2 PRODUCTS (Not Applicable)

#### PART 3 EXECUTION (Not Applicable)

#### PART 4 MEASUREMENT AND PAYMENT

##### 4.1 METHOD OF MEASUREMENT

- A. All work under this section will not be measured for payment.

##### 4.2 BASIS OF PAYMENT

- A. Items covered by this section will be paid by lump sum. The contract price paid shall be for full compensation for furnishing and placing all materials and all labor, equipment, tools, and incidentals necessary for each of the construction phases.

Payment will be made under:

<u>Item No.</u>	<u>Description</u>	<u>Unit</u>
01580.1A	Temporary Facilities and Utilities (Phases 0 through 3)	Lump Sum
01580.1B	Temporary Facilities and Utilities (Phase 4)	Lump Sum

END OF SECTION 01533