

## DIVISION 1 - GENERAL REQUIREMENTS

### SECTION 01005 - DESCRIPTION OF WORK

#### 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

The work to be performed under this Contract shall include furnishing and paying for all machinery, tools, equipment, labor, and materials necessary for Relocate Runway 3-21 at Lihue Airport, including all related work as called for on the Plans and these Specifications in place, complete, and ready for use.

##### 1.3 HOURS OF WORK

- A. Work hours shall be as described on the Construction Phasing plans. The Contractor shall work continuously throughout the project duration. The Contractor shall apply and receive approval from the Engineer in writing of all work hours. The Contractor shall coordinate their schedule with the Engineer. If rescheduling of work or intermittent work is required, such work shall be performed at no extra cost to the State. Night work hours during seabird fallout season (September 15 - December 15) shall follow all Federal and State regulations and shall be subject to approval by the Engineer. If the Contractor elects to work overtime beyond the work hours indicated in the Construction Phasing plans, compensation for State employees and for construction management consultant as authorized by the State shall be the Contractor's obligation to pay in accordance with Section 7.5 - Overtime and Night Work and Section 7.6 - Overtime and Night Payment for State Inspection Service in the General Provisions.
- B. Contractor shall clean work areas at the end of each working period. All rubbish, loose materials, etc., shall be disposed of daily. All materials shall be safely secured and stored in an area designated by the Airport Manager.

##### 1.4 PROVISIONS FOR FIELD OFFICE/STORAGE SPACE

Pending the availability of space on airport property, the State will issue Revocable Permit(s) to the Contractor for the use of the space, assessed at a monthly fee of \$25 for each Revocable Permit issued. The space(s) may be used for a field office, staging of materials and equipment, vehicle parking or other uses subject to the

approval of the State. All spaces shall be subject to the requirements of Section 01561 - CONSTRUCTION SITE RUNOFF CONTROL PROGRAM.

Since space on airport property is extremely limited, the State does not guarantee that space(s) provided to the Contractor will be in close proximity to the project site. The State will make every effort to provide the Contractor with space on airport property, however, should the State determine that no space is available for such use(s), the responsibility shall then be on the Contractor to find space outside of airport property.

#### 1.5 REQUIREMENTS

- A. The Contractor shall visit the work site and verify all conditions pertinent to the Contract he and/or she is bidding on.
- B. The Contractor is hereby informed that the project is within a controlled area closed to public access, the Airports Operational Area (AOA). The Contractor shall meet requirements of Section 01800, "Special Requirements for Contractors on the AOA".

#### 1.6 COORDINATION

The Contractor shall coordinate the work of different trades and shall be solely responsible for fulfillment of requirements specified herein.

#### 1.7 SAFETY

- A. The Contractor shall take all necessary precautions to protect all his and/or her workmen and all other personnel from injuries. The rules and regulations promulgated by the Occupational Safety and Health Acts are applicable and made a part of these Specifications. The Contractor shall conduct operations in a manner that maintain airport security and safe aircraft operations at all times.
- B. The Contractor shall comply with the requirements of FAA AC 150/5370-2G, "Operational Safety on Airports during Construction".
- C. During the progress of the work, all debris, empty crates, waste, material drippings, etc., shall be removed by the Contractor continuously or at the end of each work shift, and the work area shall be left clean and orderly.
- D. Outage: Written requests for power outage shall be submitted to the Engineer at least seven (7) days in advance or as specified in other sections of these Specifications. Outage will be restricted to non-peak operational hours.

#### 1.8 OPERATIONS PROCEDURES DURING WORK ON THE RUNWAY OR WITHIN THE RUNWAY SAFETY AREA

- A. When the runway is closed, the runway lights will be locked out to the “OFF” position. When the runway is partially closed, the runway lights in the work area will be physically blacked out in a manner acceptable to the Engineer.
- B. The Contractor shall schedule his and/or her work to allow sufficient time for clean up before the runway is placed back into operation.
- C. Daily excavation in the runway safety area must be restored to its original grade before placed back into operation. Stockpiles are not permitted within the runway object free area.
- D. The Contractor will initiate through the Engineer and the Airports Operations Controller (AOC) the filing of a blanket airfield construction Notice to Airman (NOTAM) advising of:
  - 1. General information of the scheduled construction work, and
  - 2. The time period (beginning and end) for the construction.
- E. The Contractor will inform the Engineer when scheduled work is canceled. Generally, the Contractor will not work on the airfield when it is raining or is forecast to rain. A NOTAM should be published or cancelled when work is not scheduled.
- F. The Contractor radio-equipped person shall monitor air traffic radio transmission as specified in Section 01800, “Special Requirements for Contractors on the AOA”. The radio-equipped person’s only duty is to monitor the radio frequency.
- G. In the event of a disruption in paving operations, such as a break down in the asphalt plant or paving equipment, the Contractor must have sufficient materials available to restore the runway pavement into a safe operational runway surface by the scheduled opening time.
- H. The Contractor shall keep his and/or her work force from entering the active airfield.
- I. A minimum of three (3) hours prior to the beginning of each work shift, the Contractor shall coordinate with AOC to determine if work will be permitted during the upcoming shift. Due to certain weather conditions, AOC and/or ATC may cancel work shifts and require the opening of the runway for aircraft use. Therefore, the Contractor may not begin work in any area in which the asphalt pavement cannot be completed to finished grade by the end of the work shift. Weather conditions which would require cancellation of work typically occur during Kona wind conditions with certain wind velocity thresholds. Historic data from the airport shows that these conditions occur less than 10% of the time.

#### 1.9 SPECIAL SUBMITTAL TO SUPPORT SMS REPORT

The Contractor is responsible to submit supporting documentations for Safety Management System (SMS) Report to the Engineer, when the project is located in the airside area. Supporting documentations include, but are not limited to, project schedule, project phasing plan, barricade plan, airside area project tracking plan, laydown location, and etc. Required supporting documentation shall be in accordance with FAA AC 150/5200-37 latest version, "Introduction to Safety Management System (SMS) for Airport Operators".

#### 1.10 SAFETY PLAN COMPLIANCE DOCUMENT

The Contractor shall prepare a Safety Plan Compliance Document (SPCD) in accordance with FAA AC 150/5370-2 latest version, "Operational Safety on Airports During Construction". The SPCD will clearly indicate how the Contractor will comply with the requirements of the project Construction Safety and Phasing Plan. The SPCD shall be approved by the Airport and FAA prior to issuance of Notice to Proceed for the project.

#### PART 2 PRODUCTS

NOT USED

#### PART 3 EXECUTION

NOT USED

#### PART 4 MEASUREMENT AND PAYMENT

##### 4.1 BASIS OF MEASUREMENT AND PAYMENT

- A. Work under this section will not be measured nor paid for separately, but shall be considered incidental to and included in the bid prices for the various items of work in this project.

END OF SECTION 01005