

**PROVIDE ELECTRICAL EQUIPMENT
FOR HDOT TUNNELS FACILITIES
STATE DEPARTMENT OF TRANSPORTATION
OAHU DISTRICT, TUNNEL OPERATIONS SECTION**

Scope of Work – Provide electrical equipment as described below.

The equipment is to be provided to the Tunnel Operations Section, Oahu District, Highways Division, Department of Transportation.

1. Background

The Tunnel Operations Section is responsible for the operation and maintenance of Pali, Wilson, and H-3 tunnels and related facilities as well as the Punahou pump station.

2. Scope of Work

The vendor shall provide the following electrical equipment as specified:

- a. One hundred and eighty (180) Valve Regulated Lead Acid (VRLA) Batteries. CSB HRL 12330W or preapproved equal. Maximum dimensions (LxWxH): 12.25"x6.75"x8.5". 12V nominal voltage (6 cells per unit). Nominal capacity 100 AH at 20 hour-rate to 1.75V per cell at 77 deg F. Maximum weight 70 lbs per battery.
- b. The vendor shall provide manufacturer's data sheet with complete specifications on the all equipment, prior to award of the contract.
- c. The vendor shall provide a time schedule of manufacture and delivery of the units from the date of approval of the purchase.
- d. The vendor shall provide a performance guarantee for a minimum of two (2) years from acceptance by the State with replacement of any defective parts, including batteries. A written guarantee shall be given to the H-3 Tunnel Engineer prior to final payment.

3. Performance of Work and Vendor Responsibilities

- a. Vendor shall be licensed to do business in Hawaii and shall provide proof of qualification to perform the specified work.
- b. Vendor shall provide minimum five (5) copies of the manufacturer's drawing and brochures.

- c. Vendor shall provide a complete schedule for the delivery of equipment, within two (2) weeks of the Notice To Proceed. Vendor shall provide the schedule for approval by the State.

4. Coordination of Work

- a. Vendor shall coordinate all deliveries with the H-3 Tunnel Engineer or his duly authorized representative.

5. Condition of Award

- a. The State is limited, by law, to a maximum amount of \$100,000 for this solicitation.
- b. If the total amount of the contract exceeds \$100,000, the State reserves the right to limit the contract to comply with the State requirements. It is imperative that the Contractor provide unit quotes and detailed breakdowns so that the determination on the award of contract may be administered by the State fairly.
- c. The bid shall be a fixed price inclusive of ALL taxes, fees, and any other costs.
- d. The vendor shall provide unit quotes and detailed breakdowns
- e. The vendor will not be allowed additional change orders or additional charges to the awarded bid amount.

6. Notice To Proceed & Coordination of Work

- a. The vendor is not authorized to start any purchases until the vendor has received a State of Hawaii purchase order, which serves as the Notice To Proceed.
- b. The vendor must complete delivery within 120 calendar days from the issuance of the purchase order. Any delays to the completion of this project must be approved by the Engineer in writing.