Standby Dewatering Pump

1. Request for Quote

The Bureau of Reclamation, Glen Canyon Field Division, is requesting quotes for the procurement of a standby dewatering pump for Glen Canyon Dam, located approximately one mile west of Page, Arizona, on Highway 89.

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2. Material Requirements

Pump Specifications

Manufacturer/Model:
Trillium/Floway Model 19FKH
Item ID: 19FKH-1STG-OIL-100HP-6P

Construction Requirements

- Cast Iron / Aluminum Bronze construction
- 12” ANSI 150# flanged discharge head
- Single-stage, oil-lubricated, enclosed line shaft
- 100 HP, 3 Phase, 60 Hz, 460V, 1200 RPM H444TP hollow shaft motor

Performance Requirements

- Capacity: 5000 GPM
- Operating RPM: 1190
- Total Dynamic Head: 52 FTHD
- Motor: 100 HP
- Pump Type: VTP
- Impeller setting: 0.125” off the bottom

Dimensions

- 61’-2½” from base of motor to tip of pump

Special Features

- Galvanized steel OSHA-compliant coupling guards
- Galvanized steel bolting for wetted parts
- Galvanized column pipe ID & OD
- Galvanized enclosing tube OD
- 10’-0” flanged column (150# ANSI)
- 5’-0” line shaft bearing spacing

- 1” Series 140 air release valve
- 1-gallon automatic solenoid oiler assembly (460V)
- 5’-0” UGD flanged column section

Coating Requirements

- Motor stand and soleplate shall be shot blasted and cleaned per SSPC-SP-1 standards.
- Carboline 3358 primer to be applied at 1 coat 1 mil DFT.
- Followed by a finish coat of Carboline 3359 Enamel at 1 mil DFT. Color: Weir Blue
- Bowl assembly OD shall be shot blasted and cleaned per SSPC-SP-1 standards. Carboline 2900 Primer to be applied in 1 coat at 1 mil DFT.
- Apply one coat of Carboline 2900 Primer at 1 mil DFT.
- Column pipe ID & OD and enclosing tube OD shall be galvanized.

Equivalent Products

Bidders offering similar or equivalent equipment must ensure that all specifications, dimensions, materials, and performance requirements are identical to those listed above. The pump is highly specific in both design and measurements.

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3. Delivery Requirements

Shipping Terms

Delivery shall be FOB Destination to:

Bureau of Reclamation
Glen Canyon Field Division
805 Bureau Street
Page, AZ 86040

Warehouse Receiving Hours

Monday through Thursday
7:00 AM – 4:00 PM (Local Time)

No deliveries will be accepted on Federal Holidays.

Delivery Notification

The contractor shall notify the designated points of contact of the scheduled shipping date and provide tracking information upon shipment.

Delivery Points of Contact

- **Mike Reyes** – mreyes@usbr.gov | 928-645-0455
- **Brad Owens** – sbowens@usbr.gov | 928-645-0459
- **Audie Blackwell** – ablackwell@usbr.gov | 928-645-0450
  (Delivery and scheduling contact)

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4. Submittal Requirements for Quotation

The following documentation shall be included with all submitted quotes:

Item Descriptions

Provide a detailed description of the pump, fittings, electrical components, and all related parts included in the quote. Manufacturer brochures and/or cut sheets must also be provided to verify compliance with the technical requirements.

Warranty Information

Provide the standard manufacturer warranty, including all applicable terms and conditions.

Delivery Lead Time

Provide the estimated lead time for FOB Destination delivery after receipt of award.

Exceptions

Any exceptions or deviations from these specifications must be clearly identified and included with the quote submission.

Note

Failure to provide the required documentation may result in the quote being considered non-responsive.