

INVITATION FOR BIDS.

DEPARTMENT OF WATER, COUNTY OF KAUA'I
Job No. 23-01, KŌLOA WELL "A" PUMP REPLACEMENT
KAUA'I, HAWAI'I

Pursuant to Chapter 103D, HRS, SEALED TENDERS will be received up to and opened at 2:00 p.m., Hawaiian Standard Time (HST) on **Monday, November 07, 2022**, in the Administration Office of the Department of Water at 4398 Pua Loke Street, Līhu'e, Kaua'i, Hawai'i ("DOW Admin. Office"). Bids received after the date and time specified above shall be rejected. Facsimile offers will not be accepted or considered.

The schedule set out below represents the Department's best estimate of the schedule that will be followed for this competitive sealed bidding procurement process. If an activity in the schedule is delayed, the dates following the delayed activity may be adjusted by the same number of days. All prospective Offerors will be advised by addendum of any changes to the Procurement Schedule.

Activity	Scheduled Date
Invitation For Bids Issued	10/14/22
Pre-Bid Conference	10/20/22
Deadline: Receipt of Questions / Comments / Material Substitutions	10/26/22
Deadline: Notice of Intent	NOT APPLICABLE
Department's Responses to Questions / Comments / Material Substitutions	10/31/22
Bid Opening	11/07/22
Selection / Award Notification	December 2022
Contract Execution Period	December 2022 – January 2023
Contract Tentative Notice to Proceed Date	February 2023

The Manager and Chief Engineer also reserves the right to reject any or all bids, in whole or in part, if deemed to be in the best interest of the Department of Water.

Bids must be signed in ink by the person or persons duly authorized to sign bids in the space provided for signature on the Offer form. **Bidders shall submit their offer and all related documents as required in this solicitation through Public Purchase at www.publicpurchase.com.**

BIDDERS ARE HEREBY NOTIFIED THAT EVIDENCE OF THE AUTHORITY OF THE PERSON(S) SIGNING THE BID DOCUMENT IS REQUIRED TO BE INCLUDED WITH THE BID DOCUMENTS. FAILURE TO COMPLY WITH THIS REQUIREMENT WILL BE CAUSE FOR REJECTION OF THE BID AS BEING NON-RESPONSIVE.

SCOPE OF WORK:

1.0 The Contractor shall mobilize a pump installation rig and all necessary equipment and tools to complete this project as soon as possible after award of the contract and issuance of Notice To Proceed.

2.0 The Department will disconnect the deep well motor cables at the motor's junction box and disconnect the pre-lube piping as needed. The Contractor shall remove the deepwell pump assembly unit consisting of: an 8" pump discharge head assembly; 263'3/8" of 8" diameter Sch 40 galvanized pipe column and combination couplings with Neoprene bushings, 260+ feet of 1-1/2" type 304 stainless steel line shaft with shaft sleeves and couplings, 260+ feet of 3/8" brass air line tubes; 11 stage Floway Model 10DKH pump bowl assembly with strainer; and a 100 horsepower US Motor, 3 phase, 460 volt hollow shaft vertical electric motor. The existing 3/8" air line brass tubing shall be replaced with 3/8" black plastic airline tubing.

3.0 The contractor shall inspect and analyze the existing pump assembly, verify measurements for lengths of materials, and provide a recommendation of parts to replace and/or rehabilitate. The Contractor shall provide a list of all recommended additional replacement parts

and/or rehabilitation work along with a cost proposal for the additional recommended work. The Department will review the list and provide direction to the Contractor. Contractor shall send the existing motor out for refurbishment as part of the contract.

4.0 After the existing pump assembly has been removed, the contractor shall measure well water level and sound the bottom of the well. The Contractor shall then brush the well casing and suction bail the well. The Contractor shall then re-measure the well water level and sound the bottom of the well. The Contractor shall video tape the entire depth of the well. A copy of the video shall be provided to the Department on a CD/DVD or thumb drive.

5.0 Upon delivery of the replacement parts and appurtenances, the Contractor shall immediately proceed with assembling and installing the pump/motor assembly along with all re-used and rehabilitated parts. The Contractor shall install the new pump assembly and set the pump impellers as recommended by the pump manufacturer. The Department will reconnect the motor cables. The Contractor shall perform an operational test of the new pump assembly and will perform any needed adjustments to ensure correct operation of the new pump assembly. The Department shall chlorinate and flush the well, pump and piping as needed for disinfection.

6.0 After successful operation of the new pump assembly, the Contractor shall clean the site to its pre-project condition within seven (7) calendar days. All existing and/or removed equipment not utilized in this project shall be transported to the Department of Water's baseyard in Lihue or the solid waste station in Kekaha as directed by Operations Division personnel. Contractor shall remove all equipment from the site.

7.0 Contractor shall submit a Well Completion Report, with pump assembly data, to the Department and the Commission on Water Resource Management upon satisfactory completion of the above work and prior to final payment.

8.0 All work shall be guaranteed by the Contractor against defects resulting from the use of defective or inferior materials, equipment, or workmanship for one year or as otherwise noted in the technical specifications from the date of Final Acceptance of the work. If, within any guarantee period, repairs or changes are required in connection with the guaranteed work, which in the opinion of the Contract Administrator is rendered necessary as a result of the use of materials, equipment, or workmanship which are inferior, defective, or not in accordance with the terms of the contract, the Contractor shall within five (5) consecutive working days and without expense to the DOW commence to: 1. Replace in satisfactory condition in every instance all of such guarantee work and correct all defects therein; and 2. Make good all damages to the building or work or equipment or contents thereof. Whenever a warranty on any product hereinafter specified exceeds one (1) year, this warranty shall become part of this contract thereof. The Contractor shall complete the warranty forms in the name of the DOW and submit such forms to the manufacturer within such time required to validate the warranty.

DESCRIPTION OF EXISTING EQUIPMENT

- A. Name of existing station: Kōloa Well A State Well No. 2-5427-001
- B. Pump rated capacity and head: 800 GPM at 356 ft TDH; 600 GPM at 450 ft TDH.
- C. Pump Column Assembly Components:
 - 1. Column: 263.03' of 8" diameter, Schedule 40 pipe
 - 2. Sounding Tube: None
 - 3. Brass air line: 263' of 3/8" dia. brass tubing
 - 4. Couplings: Cast Iron Combo Couplings
 - 5. Bearings: Neoprene (Lineshaft bushings)
 - 6. Line Shafts: 260' of 1-1/2" dia. 304 SS
- D. Pump:
 - 1. GPM: 800/600
 - 2. TDH: 356'/450'
 - 3. Make: Floway
 - 4. Model: 10DKH
 - 5. Serial No.: 81-3642
 - 6. No. of Stages: 11
 - 7. Diameter: 10"
 - 8. Impeller: Bronze
- E. Motor (send for refurb):

1. Make: US Motor
 2. Model: Vertical Hollow Shaft
 3. NEMA Nom Efficiency: 94.5
 4. Horsepower: 100
 5. Voltage / Amps: 230/227 460/114
 6. RPM: 1780
 7. Serial No.: U 03 20122039-001 R 0002
- F. Description of Well:
1. Elevation at well head: 246.07' msl
 2. Solid well casing: 278.07' of 12" nominal inside diameter
 3. Perforated casing: None
 4. Open Hole: 178' of open hole
 5. Static Water Level: 38.07' MSL
 6. Bottom of Well: (-)210' MSL
- G. The Contractor shall mobilize a pump installation rig and all necessary equipment and tools to complete this project, as indicated in the contract drawings and specifications. |

PLANS AND SPECIFICATIONS: | The contract documents are to be downloaded electronically. Please email the Departmental Contracts Officer, Christine Erorita at cerorita@kauaiwater.org for instructions. | May be examined and obtained at the DOW Admin. Office. Those who download documents electronically shall be responsible for any and all costs related to printing or reproducing the items as required for offer submission. For inquires on obtaining plans and specifications and all other inquires call the project engineer at (808) 245-5436. |

The contract documents may be examined at the following locations:

| DOW Admin. Office, Līhu`e, Kaua`i, Hawai`i
 | Building Industry Digest Plan Room, Honolulu, Hawai`i
 | General Contractors' Association Plan Room, Honolulu, Hawai`i |

- Published in: Garden Island Newspaper
 Bid Service Weekly
 General Contractors' Association
 State Procurement Internet website at: <https://hands.ehawaii.gov/hands/welcome>
 DOW website at: www.kauaiwater.org
 DOW electronic procurement system at: www.publicpurchase.com

CONTRACTORS LICENSE: All prospective Bidders must be currently licensed by the State of Hawai`i, Department of Commerce and Consumer Affairs, Division of Professional and Vocational Licensing.

“A” general engineering contractors and “B” general building contractors are reminded that due to the Hawai`i Supreme Court’s January 28, 2002 decision in Okada Trucking Co., Ltd. v. Board of Water Supply, et al, 97 Haw. 450 (2002), they are prohibited from undertaking any work, solely or as part of a larger project, which would require the general contractor to act as a specialty contractor in any area where the general contractor has no license. Although the “A” and “B” contractor may still bid on and act as the “prime” contractor on an “A” or “B” project (See, HRS § 444-7 for the definitions of an “A” or “B” project), respectively, the “A” and “B” contractor may only perform work in the areas in which they have the appropriate contractor’s license (An “A” or “B” contractor obtains “C” specialty contractor’s licenses either on its own or automatically under HAR § 16-77-32.). The remaining work must be performed by appropriately licensed entities. It is the sole responsibility of the contractor to review the requirements of this Project and determine the appropriate licenses that are required to complete the Project.

PRE-BID CONFERENCE: | A non-mandatory Pre-Bid Conference will be held at the Project site, as indicated on the attached map. | If a Pre-Bid Conference is held, all potential interested offerors, subcontractors, and union representatives are invited to attend on the date specified in the Procurement Schedule in Section 1.1 at the DOW Admin. Office. A visit to the site will be conducted following the meeting. The site inspection is not mandatory; however, submission of

an offer shall be evidence that the Offeror understands the scope of the project and shall comply with the specifications herein, if awarded the contract and has thoroughly familiarize itself with the existing conditions, rules and regulations, and the extent and nature of work to be performed. No additional compensation, subsequent to bid opening, shall be allowed by reason of any misunderstanding or error regarding site conditions or work to be performed. All prospective Bidders must make their own transportation arrangements to and from the site. Those interested in attending the pre-bid conference should contact the Procurement Officer. Offerors are advised that anything discussed at the pre-bid conference does not change any part of this solicitation. All changes and/or clarifications to this solicitation shall be done in the form of written addenda.

NOTICE OF INTENTION TO BID: Bidders are not required to submit a Notice of Intent to Bid.

CHIEF PROCUREMENT OFFICER
DEPARTMENT OF WATER
COUNTY OF KAUA'I