

INVITATION FOR BIDS.

DEPARTMENT OF WATER, COUNTY OF KAUA'I
19-05 Puhi Well No. 3 Pump Replacement
KAUA'I, HAWAII

Pursuant to Chapter 103D, HRS, SEALED TENDERS will be received up to and opened at 12:00 p.m., Hawaiian Standard Time (HST) on **Tuesday, December 04, 2018**, in the Administration Office of the Department of Water at 4398 Pua Loke Street, Lihue, 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	November 1, 2018
Pre-Bid Conference	November 14, 2018 at 9:00am
Deadline: Receipt of Questions / Comments / Material Substitutions	November 20, 2018
Deadline: Notice of Intent	Not Applicable
Department's Responses to Questions / Comments / Material Substitutions	November 27, 2018
Bid Opening	December 4, 2018
Selection / Award Notification	December 6, 2018
Contract Execution Period	December 10, 2018
Contract Tentative Notice to Proceed Date	December 20, 2018

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.

All bids shall be submitted via www.publicpurchase.com. 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 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 all necessary equipment and tools to complete this project as soon as possible after award of the contract and issuance of Notice To Proceed. The Contractor shall provide a submittal for the new pump to the DOW for review and approval with the proposal.
- 2.0** The DOW 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 deep well pump assembly unit consisting of: a 5" x 6" pump discharge head assembly; 254± feet of 5" diameter pipe column and combination couplings with Neoprene bearings; 254± feet of 1" 316 stainless steel line shaft and shaft sleeves and couplings; 254± 1/4" brass airline tubes; Layne 8RKH pump bowl assembly with strainer; and a 30 horsepower US Electric, 3 phase, 460 volt hollow shaft vertical electric motor. The existing 1/4" airline brass tubing shall be replaced with a continuous length of 3/8" black plastic airline tubing.
- 3.0** The Contractor shall inspect and analyze the existing pump assembly 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.
- 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 disk.
- 5.0** Upon delivery of the replacement and/or rehabilitated parts and appurtenances, the Contractor shall immediately proceed with assembling and installing the pump/motor assembly along with all re-used and/or rehabilitated parts. The Contractor shall install the new pump assembly and set the pump impellers as recommended by the pump manufacturer. The DOW will reconnect the motor cables. The Contractor

shall chlorinate and flush the well, pump, and piping as needed for disinfection. 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 as determined by Operations Division personnel.

6.0 After successful operation of the new pump assembly, the Contractor shall clean the site to its pre-project condition. All existing and/or removed parts/equipment not utilized in this project shall be transported to the DOW'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 within seven calendar days of completion of the project.

7.0 Contractor shall submit a Well Completion Report to the DOW 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 contract. If, within any guarantee period, repairs, or changes are required in connection with the project, which in the opinion of the OIC 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:** Puhi Well No. 3 State Well No. 5824-05
B. **Pump rated capacity and head:** 300 GPM at 255 feet TDH.

C. **Pump Column Assembly Components:**
1. Column: 254' of 5" diameter, Schedule 40 pipe
2. Sounding Tube: None
3. Brass air line: 254' of 1/4" dia. brass tubing
4. Couplings: Combination Couplings
5. Bearings: Neoprene (Lineshaft bearings)
6. Line Shafts: 1" dia. 316 SS

D. **Pump:**
1. GPM: 300
2. TDH: 255'
3. Make: Layne
4. Model: 8RKH
5. Serial No.: 115596
6. No. of Stages: Unknown
7. Diameter: maximum 7"

E. **Motor (save for re-installation)**
1. Make: US Electric Motor
2. Model: Vertical Hollow Shaft
3. NEMA Nom Efficiency: 92.4
4. Horsepower: 30
5. Voltage // Amps: 230/460 // 71.4/35.7
6. RPM: 1775
7. Serial No.: 9305037-794 R2113533 J2580485
8. Frame: 324TPH WPI

F. **Description of Well:**
1. Elevation at well head: 413.28' msl
2. Solid well casing: 158' of 12" diameter, total
3. Open hole length: None
4. Perforated casing: 183' of 12" diameter, total
5. Elevation of Static Water level: 333.14' msl +/-
6. Elevation of Bottom of Well: (+) 72.6' msl
7. History: Existing pump installed in 1993.,

as indicated in the contract drawings and specifications. |

PLANS AND SPECIFICATIONS: |The contract documents are to be downloaded electronically. Please email the Department of Water Deputy Secretary, 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, Lihu'e, Kaua'i, 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 at 9:00am, location 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. |

MANAGER AND CHIEF ENGINEER
DEPARTMENT OF WATER
COUNTY OF KAUA'I