

DEPARTMENT OF HAWAIIAN HOME LANDS
STATE OF HAWAII

March 19, 2014

ADDENDUM NO. 3

TO

PLANS, BID FORM, SPECIFICATIONS, CONTRACT AND BOND

FOR

**PUUKAPU PASTORAL LOTS WATER SYSTEM
OPERATIONS & MAINTENANCE SERVICES**

WAIMEA, SOUTH KOHALA, ISLAND OF HAWAII, HAWAII

IFB NO.: IFB-14-HHL-011

NOTICE TO ALL PROSPECTIVE BIDDERS

This addendum is hereby made a part of the PLANS, BID FORM, SPECIFICATIONS, CONTRACT AND BOND for the PUUKAPU PASTORAL LOTS WATER SYSTEM OPERATIONS & MAINTENANCE SERVICES, WAIMEA, SOUTH KOHALA, ISLAND OF HAWAII, HAWAII, and it shall amend the said contract documents as detailed within this Addendum document.

APPROVED:

Date: March 19, 2014

Jobie M. K. Masagatani, Chairman
Hawaiian Homes Commission

Please detach, execute, and return immediately, the receipt below, to the Department of Hawaiian Home Lands, P. O. Box 1879, Honolulu, HI 96805, or transmit facsimile to (808) 620-9299.

Receipt of Addendum No. 3 for the PUUKAPU PASTORAL LOTS WATER SYSTEM OPERATIONS & MAINTENANCE SERVICES, WAIMEA, SOUTH KOHALA, ISLAND OF HAWAII, HAWAII, is hereby acknowledged.

Signed _____

Title _____

Firm _____

Date _____

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**PUUKAPU PASTORAL LOTS WATER SYSTEM
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WAIMEA, SOUTH KOHALA, ISLAND OF HAWAII, HAWAII

IFB NO.: IFB-14-HHL-011

1. AMENDED DEADLINES FOR SUBMITTALS

- a. The deadline for Bidders to submit a **Notice of Intention to Bid** is Friday, March 21, 2014, 2:00 p.m.
- b. The deadline for the Department of Hawaiian Home Lands to issue an **Addendum** is Friday, March 21, 2014, 4:30 p.m.
- c. The deadline for Bidders to submit a **Standard of Qualification Questionnaire** is Friday, March 21, 2014, 2:00 p.m.
- d. The deadline for Bidders to submit a **Sealed Bid** is Monday, March 31, 2014, 2:00 p.m.

2. AMENDED BID OPENING DATE

The amended **Bid Opening Date** is **2:00 p.m., Hawaii Standard Time, Monday, March 31, 2014, 2:00 p.m.**

3. REVISED BID OFFER FORM

Replace Bid Offer Form pages 3 and 4, original dated February/2014, and superseded by Addendum No. 2, dated rev 3/13/14, with the attached Bid Offer Form pages 3 and 4, dated rev 3/19/14.

4. REVISED SCOPE OF WORK AND TECHNICAL SPECIFICATIONS

Replace Page 10 that was included in the original specifications with the attached Page 10, dated rev 3/19/14.

5. REVISED OPERATIONS & MAINTENANCE MANUAL

Replace Page II-5, dated February 2014, with the attached Page II-5, dated rev March 2014.

6. ADDITIONAL QUESTIONS

Attached are additional questions received by DHHL with responses.

The following bid is hereby submitted for Puukapu Pastoral Lots Water System Operation and Maintenance Services, IFB No. IFB-14-HHL-011 for the Department of Hawaiian Home Lands.

GROUP 1A. Operation & Maintenance of Puukapu Pastoral Lots Water System:

<u>Item No.</u>	<u>Bid Price</u>
1. Operation and maintenance, installation of meters, backflow prevention devices and signs , service of pump station, distribution system, water storage system, site maintenance, laboratory testing and reporting, meter reading and billing, and training . \$____/mo (Months 1 – 24: \$_____)) (Months 25- 48: \$_____)) (Months 49-72: \$_____))	\$_____
2. Purchasing & providing trailer-mounted Spare diesel pump (Contingent Item)	\$ 25,000.00
3. Meter and supplies (Estimated Quantity 184 Meters, Cost per each \$_____)	\$_____
4. Backflow Prevention Assembly (BPA) and supplies (Estimated Quantity 184 BPAs, Cost per each \$_____)	\$_____
Sub-total Bid Price (Group 1A, Item Nos. 1-4)	\$_____

GROUP 1B. Emergency Repairs and Call-outs:

5. Consultant services to advise DHHL during Process to formulate and adopt rules & regulations For Hybrid Water System (to be paid on a time & Materials basis) (Allowance)	\$ 10,000.00
6. Twenty-four (24) hour emergency call-out Services provided seven (7) days a week with one (1) hour response time performed by appropriate licensed trade (Allowance)	\$ 50,000.00

7.	Unforeseen Equipment Needs and Failures: An allowance is provided for unforeseen equipment needs and failures, including but not limited to, total replacement or replacement of parts for pumps, electrical lines, tanks, transmission and distribution lines, meters, backflow prevention assemblies, and other related water facility needs (Allowance)	\$ 100,000.00
	Sub-total Bid Price (Group 1B, Item Nos. 5-7)	\$ 160,000.00
	TOTAL SUM BID (Group 1A and 1B)	\$ _____

TOTAL SUM BID = _____
 _____ Dollars(\$ _____).

The prices herein for the above items shall include all materials, labor, tools, equipment, machinery and all incidentals necessary, inclusive of general excise tax to install or to construct these items in place complete and in accordance with the plans and specifications contained in this IFB.

be covered so as to protect the register by a lid constructed of a copper based alloy or a suitable synthetic polymer.

- g. The measuring chamber shall be of Water Works bronze (minimum 85% copper content) or a suitable synthetic polymer and shall not be Cast as part of the maincase. All assemblies shall be interchangeable in all measuring chamber assemblies of the same size. The measuring chamber shall be held in place without the use of fasteners.
- h. The motion of the measuring chamber will be transmitted to the sealed register through the use of a direct magnetic drive without any intermediate coupling.
- i. All meters must be provided with a corrosion resistant strainer which is easily removable from the meter without the meter itself being disconnected from the pipeline.
- j. Meters shall conform to current AWWA C-700 or C-701 Class I, current revision, test flows, head loss, and accuracy standards.
- k. Meters shall operate up to a working pressure of 150 pounds per square inch (psi), without leakage or damage to any parts. The accuracy shall not be affected when operating at this pressure due to possible distortion. Accuracy shall not be affected by variations in pressure up to 150 psi.
- l. In evaluating bid submittal, warranty coverage will be considered. All bidders are required to submit their most current nationally published warranty statements for water meters maincases, registers and measuring chambers.
- m. A statistically controlled sample of each meter shipment will be tested by the utility to insure each shipment meets the utility performance and materials specifications.
- n. Meter operational performance with respect to headloss, nutations, oscillation and accuracy standard shall be evaluated for meter selection. Attach manufacturer's standard flow curves with headloss and percent registered accuracy.
- o. The manufacturer's representative service to the Department of Hawaiian Home Lands Operations Manager, response to meter problems, replacement of defective registers, training or instruction as requested, etc., shall be evaluated for meter selection.

2. Backflow Prevention Assemblies

- a. At Master Meter: 4" Reduced Pressure Zone Backflow Preventer, with Ball valve shut-offs and bronze strainer, Watts Series 909QT or approved equal.

6. Backflow Prevention Assemblies

a) At Master Meter

- (1) 4" Reduced Pressure Zone Backflow Preventer, with Ball valve shut offs and bronze strainer, Watts Series 909QT or approved equal.**

b) Spigot at Tank Site #1 and at Individual Lots

- (2) 1" Reduced Pressure Zone Backflow Preventer, with Ball valve shut offs and bronze strainer, Watts Series 909QT or approved equal.**

7. Water Meters at Individual Lots

- a) 5/8" Magnetic drive, sealed register, positive displacement, oscillating and nutation type meters. Badger M25, Hersey Model 430 Series IIS and Neptune T10 meters are approved for this contract.**

8. Pressure Regulating Valves at Individual Lots

- a) 1" Water Pressure regulating valve with integral strainer, Watts Series LF25AUB-Z3 (Lead Free)**

PUUKAPU PASTORAL LOTS WATER SYSTEM, OPERATIONS AND MAINTENANCE SERVICES, IFB NO.: IFB-14-HHL-011

Additional Questions with Responses

DHHL responses in *bold italicized text*.

1. Where is spigot for potable water located, is it on the tank or on the inlet line to the tank? ***The spigot is off of a water lateral from the DWS line, before the water line that feeds tank no. 1, in the roadway with its own meter and backflow preventer.*** As we see it, the tank is part of the Puukapu non-potable water system and the inlet line is part of the County potable water system. If the Contractor and DHHL are to provide potable water for the lot owners, should not DHHL and/or County of Hawaii DWS be sampling this site to confirm that the water quality meets DOH standards, e.g., monthly or regular bacteriological sampling? ***No – it is treated the same as a residential water service.***
2. If potable spigot near Tank #1 is to be treated as a residential water service then that spigot should be non-potable. All residential water service is non-potable. By providing potable water to residents at that spigot will be in violation of DOH regulations on providing potable water from a non-potable water source. ***The source of the water to the spigot is potable water from the DWS water main. All water lateral/meters on this water main prior to DHHL's 5/8" water meter to Tank No. 1 Site spigot, and the water lateral/meter after DHHL's lateral that serves the lot across Tank Site No. 1, are potable services from DWS.***

All other residential services, within DHHL's Puukapu Pastoral Lots, are being serviced from Puukapu's Hybrid Water System Tank #1 which is non-potable.
3. Question on "Should the 'investigate feasibility of a VFD at Pump Station #1' be a separate line item?" Cannot find Bid Offer Form Item No. 6 (Allowance). ***Please see Item No. 6 of Bid Offer Form rev 3/13/14 that was included in Addendum No. 2.***
4. Question on how many lots will need booster pumps. ***As specified in Addendum No. 2, Additional Questions/Requests for Information with Response, Item No. 25. 20 to 30 homes.*** How many lots will need regulators? ***There may be 15 to 20 homes.*** As this is a cost item to the Contractor a total number should be included to price out each lot.
5. Is there a 4" or larger backflow assembly at the Master Meter? ***Yes. The 4" backflow assembly was already installed, and was visible during the site visit.*** If not, how is the County potable water protected? ***County of Hawaii Dept. of Water Supply would not have approved this plan unless a 4" backflow assembly was installed.*** I do not see any mention of a 4" or larger backflow assembly. ***Please see corrected page 10 of the Scope of Work and Technical Specifications, IFB-14-HHL-011, and page II-5 of the Operations and Maintenance Manual, included in Addendum No. 3.***
6. Cross connection survey – since a cross connection survey is not needed, a Specialist certification does not need to be provided as dictated in the spec's. ***A Specialist Certification is still required. Certification may be required for the backflow prevention assembly after the master meter for the potable water, and for other possible items.***