

DEPARTMENT OF HAWAIIAN HOME LANDS
STATE OF HAWAII

September 7, 2012

ADDENDUM NO. 3

TO

PLANS, BID FORM, SPECIFICATIONS, CONTRACT AND BOND

FOR

**MAKUU OFFSITE WATER SYSTEM PHASE 2
PRODUCTION WELL, RESERVOIR AND SUPPORTING FACILITIES**

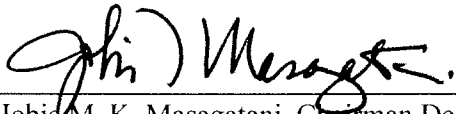
HALONA, PUNA, ISLAND OF HAWAII, HAWAII

IFB NO.: IFB-13-HHL-002

NOTICE TO ALL PROSPECTIVE BIDDERS

This addendum is hereby made a part of the PLANS, BID FORM, SPECIFICATIONS, CONTRACT AND BOND for the MAKUU OFFSITE WATER SYSTEM PHASE 2: PRODUCTION WELL, RESERVOIR AND SUPPORTING FACILITIES, HALONA, PUNA, ISLAND OF HAWAII, HAWAII, and it shall amend the said contract documents as detailed within this Addendum document.

APPROVED:



Jobie M. K. Masagatani, Chairman Designate
Hawaiian Homes Commission

Date September 7, 2012

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 MAKUU OFFSITE WATER SYSTEM PHASE 2: PRODUCTION WELL, RESERVOIR AND SUPPORTING FACILITIES, HALONA, PUNA, ISLAND OF HAWAII, HAWAII, is hereby acknowledged.

Signed _____

Title _____

Firm _____

Date _____

ADDENDUM NO. 3
SEPTMBER 6, 2012

TO

PLANS, BID FORM, SPECIFICATIONS, CONTRACT AND BOND

FOR

**MAKUU OFFSITE WATER SYSTEM PHASE 2
PRODUCTION WELL, RESERVOIR AND SUPPORTING FACILITIES**

HALONA, PUNA, ISLAND OF HAWAII, HAWAII

IFB NO.: IFB-13-HHL-002

APPROVED SUBSTITUTION – SUBMERSIBLE MOTOR

Allowed substitution: deepwell submersible motor.

Specified: Byron-Jackson, 300 HP, 2300V, 60Hz, 1800 RPM submersible motor

Substitute: SME, 300 HP, 2300V, 60 Hz, 1800 RPM submersible motor

CONTRACTOR'S SUBMITTALS - BID OFFER FORM

Delete pages 12, 16 and 17 of the Addendum No. 2 Bid Offer Form and replace with new pages 12, 16 and 17 Addendum No. 3 Bid Offer Form, attachment to this addendum. Only Article 5 - Basis of Bid has changes. These changes are denoted with an "*" by the Item Number and shown in bold type.

Item numbers 59, 60 and 62 on page 12 have been deleted from the bid.

Item number 61 on page 12 have been revised.

Item numbers 88 and 90 through 93 on pages 16 and 17 have been revised.

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|----|------------------|---|-----------|---------------------|---------------------|
| 57 | LS | Hydrostatic pressure testing and chlorination of reservoir and site piping, including all incidentals and appurtenances, in place complete. | Lump Sum | \$ _____ | \$ _____ |
| 58 | LS | Provide and deliver to Hilo DWS Base Yard Spare Bearings and Seal only for this Well Project. | Lump Sum | \$ _____ | \$ _____ |
| 59 | * LS | Furnishing, installing, and subsequent removal of pumping test equipment, if required, in accordance with the plans and specifications. | Lump Sum | \$ <u>DELETED</u> | \$ <u>DELETED</u> |
| 60 | * 170 | Per Hour, Pumping Tests, in accordance with the plans and specifications. | Per Hour | \$ <u>DELETED</u> | \$ <u>DELETED</u> |
| 61 | * AL | Allowance to compensate Owner's Hydro-Geologist Representative for additional services that may be required. | Allowance | \$ <u>10,000.00</u> | \$ <u>10,000.00</u> |
| 62 | * LS | Analytical Well Water testing, including all incidentals, in accordance with the plans and specifications. | Lump Sum | \$ <u>DELETED</u> | \$ <u>DELETED</u> |
| 63 | LS | Provide As-built drawings, Instructions, Maintenance and Parts List Manuals and deliver to the Department of Water Supply's Engineering Office in Hilo. | Lump Sum | \$ _____ | \$ _____ |

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| SUB-TOTAL MAKUU OFF-SITE PRODUCTION WELL & 1.0 MG RESERVOIR SITE (ITEMS 25 THROUGH 63, INCLUSIVE) |
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IV. MAKUU ELECTRICAL WORK

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|----|------|---|----------------------------|
| 85 | LS | Provide mobilization and demobilization for electrical work, including but not limited to field investigation and measurements, hauling, delivery and removal of equipment and cleanup and finishing work. | Lump Sum \$ _____ \$ _____ |
| 86 | LS | Provide Radio Path Study per specifications | Lump Sum \$ _____ \$ _____ |
| 87 | LS | Provide exterior electrical work at Makuu Well Site for electrical services including riser conduits, service ductlines, handholes, concrete pads for utility equipment and service transformer, Pump System service/metering equipment, Auxiliary System service/metering equipment, TVSS, all in accordance with utility company Rules and Regulations and Service Installation Manual. | Lump Sum \$ _____ \$ _____ |
| 88 | * LS | Provide interior and exterior electrical work at Makuu Well Site for power and controls for Control Building, and Wellhead/ Piping Pad, including Motor Control Equipment, PNLBD A, RCDR Panel, SCADA Cabinet, Chlorinator Control Panel and related work, Chlorine and Ammonia Leak Detection and related work, pump and motor connections, control device connections, instrumentation connections, and related work as indicated. (10 percent of this item shall be paid separately under Item 93) | Lump Sum \$ _____ \$ _____ |
| 89 | LS | Provide interior and exterior electrical work at Makuu Well Site for receptacle and lighting system for Control Building and Wellhead/Piping Pad, including branch circuit wiring, receptacles, and lighting fixtures. | Lump Sum \$ _____ \$ _____ |
| 90 | * LS | Provide electrical work at existing Keonepoko Nui Reservoir Site for demolition and new work for two new booster pumps, modification to existing pump controls, new pump controls, pump and motor connections, control device connections, SCADA Cabinet, and related work as indicated. (10 percent of this item shall be paid separately under Item 93.) | Lump Sum \$ _____ \$ _____ |

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|----|------|--|-----------|---------------|---------------|
| 91 | * LS | Provide all work to assist with commissioning work by DWS to place into service the SCADA equipment and system at all Sites, start-up and testing; and pre-acceptance testing. (Configuration, set-up, and programming work by DWS.) (20 percent of this item shall be paid separately under Item 93.) | Lump Sum | \$ _____ | \$ _____ |
| 92 | * LS | Provide testing for final acceptance for all electrical items, control functions, SCADA system, to obtain the proper operation at all Sites, to the satisfaction and acceptance of the Department. (20 percent of this item shall be paid separately under Item 93.) | Lump Sum | \$ _____ | \$ _____ |
| 93 | * LS | Provide for 60 days continuous operation of electrical and control systems at all Sites satisfactory to the Department after acceptance of the project. (This item shall be 20 percent of Items 91 and 92 and 10 percent of Items 88 and 90.) | Lump Sum | \$ _____ | \$ _____ |
| 94 | LS | Furnish and deliver SCADA system equipment and accessories, Desktop Workstation and accessories, and Laptop Computer and accessories to the Department per specifications. | Lump Sum | \$ _____ | \$ _____ |
| 95 | LS | Provide As-Built Drawings, Instruction, Maintenance, and Parts List Manuals for electrical work. Deliver to the Department's Hilo Baseyard in Hilo. | Lump Sum | \$ _____ | \$ _____ |
| 96 | LS | Provide spare parts for electrical work as described in the specifications. Deliver to the Department's Hilo Baseyard in Hilo. | Lump Sum | \$ _____ | \$ _____ |
| 97 | AL | Provide allowance for payment to Hawaii Electric Light Co. and any other utility companies for electrical and telephone services and related costs. Include tree-trimming in this allowance item. | Allowance | \$ 850,000.00 | \$ 850,000.00 |

**SUB-TOTAL MAKUU ELECTRICAL WORK
(ITEMS 85 THROUGH 97, INCLUSIVE)**

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