DEPARTMENT OF HAWAIIAN HOME LANDS
STATE OF HAWAII

June 8, 2016

ADDENDUM NO. 3

TO

PLANS, BID FORM, SPECIFICATIONS, CONTRACT AND BOND

FOR

SCATTERED LOT IMPROVEMENTS FOR FIVE KEAUKAHA LOTS IN TRACT 1

WAIAKEA, SOUTH HILO, HAWAII

IFB No.: IFB-16-HHL-014

NOTICE TO ALL PROSPECTIVE BIDDERS

This addendum is hereby made a part of the PLANS, BID FORM, SPECIFICATIONS, CONTRACT AND BOND for the SCATTERED LOT IMPROVEMENTS FOR FIVE KEAUKAHA LOTS IN TRACT 1, WAIAKEA, SOUTH HILO, HAWAII, and it shall amend the said contract documents as detailed within this Addendum document.

APPROVED:

N Sakamoto

Norman Sakamoto, LDD Acting Administrator
Department of Hawaiian Home Lands

Date: June 8, 2016

Please detach, execute, and return immediately, the receipt below, to the Department of Hawaiian Home Lands, Hale Kalanianaole, 91-5420 Kapolei Parkway, Kapolei, Hawaii or transmit facsimile to (808) 620-9299.

Receipt of Addendum No. 3 for the SCATTERED LOT IMPROVEMENTS FOR FIVE KEAUKAHA LOTS IN TRACT 1, WAIAKEA, SOUTH HILO, HAWAII, is hereby acknowledged.

Signed_____ Title_____

Firm_____ Date_____

ADDENDUM NO. 3
JUNE 8, 2016

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FOR

SCATTERED LOT IMPROVEMENTS FOR FIVE KEAUKAHA LOTS IN TRACT 1

WAIAKEA, SOUTH HILO, HAWAII

IFB No.: IFB-16-HHL-014

ITEM NO. 1 QUESTIONS AND ANSWERS:

Questions were received from prospective bidders via email. A list of the questions and their answers are attached to **ADDENDUM NO. 3 (June 8, 2016).**

ITEM NO. 2 DETAIL FOR MOUNTING ALARM PANEL NEMA 4X ENCLOSURE

The details for mounting the Alarm Panel Nema 4X Enclosure are attached to **ADDENDUM NO. 3 (June 8, 2016).**

ITEM NO. 3 BID OPEN DATE

To accommodate this addendum, the bid open date has changed from 2:00 pm, June 10, 2016 to 2:00 pm, June 17, 2016. The location for bid submittal, stated in the IFB, remains the same.

ADDENDUM NO. 3 **6-8-16**
IFB-16-HHL-014
Questions & Answers:

Lift Station:

1. In regards to the lift station required for Lot 63-B, will a permanent source of power be available to hook-up the grinder pump?

   Answer: The permanent power will be supplied during the house construction.

2. If no power source is available, will we still need to test the grinder pump (i.e. use a portable generator)?

   Answer: The Contractor will provide the power (portable generator) for lift station testing including the water for the sump.

3. Should this lift station and force main piping be considered N.I.C. similar to the other septic systems and sewer line piping that are within the property?

   Answer: DHHL is providing the sewer disposal infrastructure to the lateral hookup to the existing sewer main on the street because this is a special case.

4. How shall the Alarm Panel Nema 4X Enclosure unit be mounted? On a temporary stand? On a permanent mount?

   Answer: The alarm panel is a permanent mount.

5. Please provide details for mounting the Alarm Panel Nema 4X Enclosure.

   Answer: See attachment for more detail

Grinder Pump Station:

6. For the Grinder Pump Station at Lot 63-B, does note 11 Electrical Enclosure refer to note 8 Alarm Panel Nema 4x Enclosure?

   Answer: Note 8 and 11 are the same unit.

7. Where is the alarm panel to be installed?

   Answer: The unit shall be located at or near the lift station cover.

8. Where is the power source for the alarm panel? Are there electrical plans for this work? Is a building permit required for this work?

   Answer: The power source for the lift station will be provided with the building construction (not part of this contract).

Gravel Driveway:

9. Is the 4" Gravel Driveway part of this contract? What kind of gravel?

   Answer: All gravel driveways are part of this contract and requires 1 ½" base course, State Highway specifications.

Aggregate Fill Material:

10. Please clarify the bid item "Aggregate Fill Material (2 ½" Selected Borrow #42040) Cost per Ton $_____. Cost to be deducted from allowance if needed." Is this cost per ton installed? Cost per ton delivered? Cost per ton FOB Quarry? Is this the unit cost for the fill material that is already included in the bid cost for every lot?

    Answer: Select Borrow is used for embankment and is the cost for in place construction. Grading Notes for each lot specifies the amount of embankment required.

Utility poles at various lots:

11. Is there any work for the contractor for the new and relocate utility poles? Utility notes say meter poles are by customer.

12. Please provide size and installation details for installation of Utility Poles.

13. In regards to "coordination with HELCO on the installation of the poles is necessary to insure compliance with materials and installation", please confirm that HELCO will install the Utility Poles.

14. Is there a detail of the utility poles?

15. Will the poles be direct buried or will we need to install concrete around the portion below grade?

16. Will we need to install any conduits or panels to the pole?

17. Will we need to install any grounding wires or ground rods?

18. Will these poles be considered N.I.C. and installed during the house construction similar to the water laterals and sewer septic system within the property?

    Answer: Please delete the installation of utility poles from this bid. HELCO will be installing the Utility Poles.

Backflow Preventers:

19. For the 1" Backflow preventers shown on the addendum 2 plan sheets
    - Some of the backflow preventers are shown on existing water lines.
    - Some of the backflow preventers are shown on proposed water lines marked (NIC).
    - None of the backflow preventers are marked "install"

- Are backflow preventers to be installed as part of this project? If so, which backflow preventers are to be installed?

Answer: The backflow preventers are in the contract for installation for all 9 lots (if 2 of them on Lot 279 are deleted). The water service line after the backflow preventer is NIC and will be provided by the house contractor (to be done later).

Environment One Grinder Pump Feature Identification

1. GRINDER PUMP BASIN – High density polyethylene (HDPE)

2. ACCESSWAY COVER – HDPE

3. ELECTRICAL QUICK DISCONNECT (EQD) – Cable from pump core terminates here.

4. POWER AND ALARM CABLE – Circuits to be installed in accordance with local codes.

5. ALARM PANEL – NEMA 4X enclosure. Equipped with circuit breakers. Locate according to local codes.

6. ALARM DEVICE – Every installation is to have an alarm device to alert the homeowner of a potential malfunction. Visual devices should be placed in very conspicuous locations.

7. INLET – EPDM grommet (4.5" ID). For 4.5" OD DWV pipe.

8. WET WELL VENT – 2.0" tank vent, supplied by factory in units with accessways.

9. GRAVITY SERVICE LINE – 4" DWV, (4.5 OD). Supplied by others.

9a. STUB-OUT – 4" x 5' long **watertight** stub-out, to be installed at time of burial unless the gravity serviceline is connected during installation. Supplied by others.

10. DISCHARGE VALVE – 1-1/4" Female pipe thread.

11. DISCHARGE LINE – 1-1/4" Nominal pipe size. Supplied by others.

12. CONCRETE ANCHOR – See Ballast Calculations for specific weight for your station height. Supplied by others.

13. BEDDING MATERIAL – 6" minimum depth, round aggregate, (gravel). Supplied by others.

14. FINISHED GRADE – Grade line to be 1" to 4" below removable lid and slope away from the station.

15. VENT – Indoor Installation. See section 6, Venting, on page 6.

16. VALVE – Full ported ball valve. Recommended option, for use during service operations. Supplied by others.

17. CONDUIT – 1" or 1-1/4", material and burial depth as required per national and local codes. Conduit must enter panel from bottom and be sealed per NEC section 300.5 & 300.7. Supplied by others.

18. UNION – 1-1/4" or compression type coupling. Supplied by others. (Do not use rubber sleeve and hose clamp type coupling.)

19. VALVE – Ball valve, must provide a full-ported 1-1/4" round passage when open. Supplied by others.

20. REBAR – Required to lift tank after ballast (concrete anchor) has been attached, 4 places, evenly spaced around tank.

Figure 1a

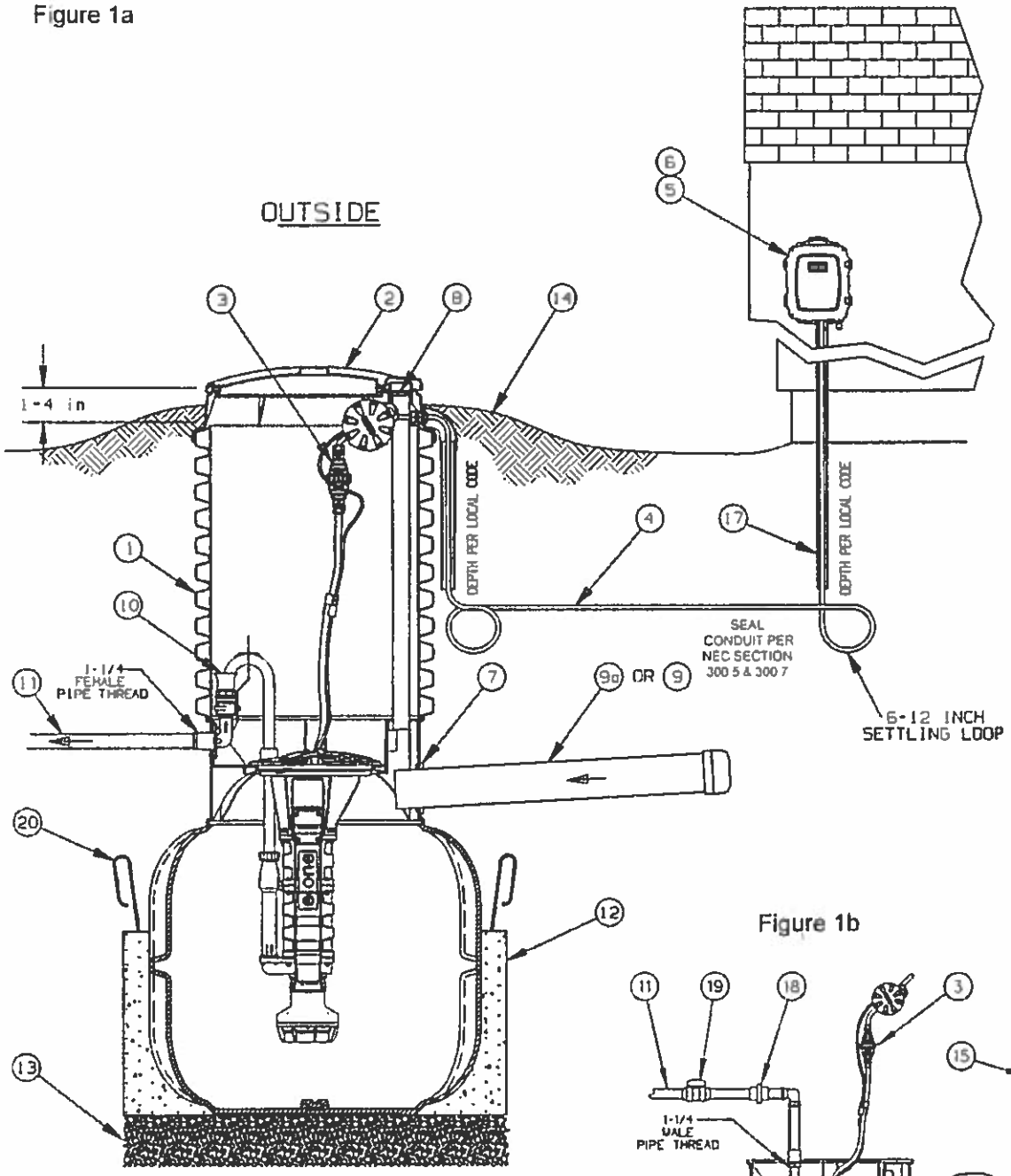
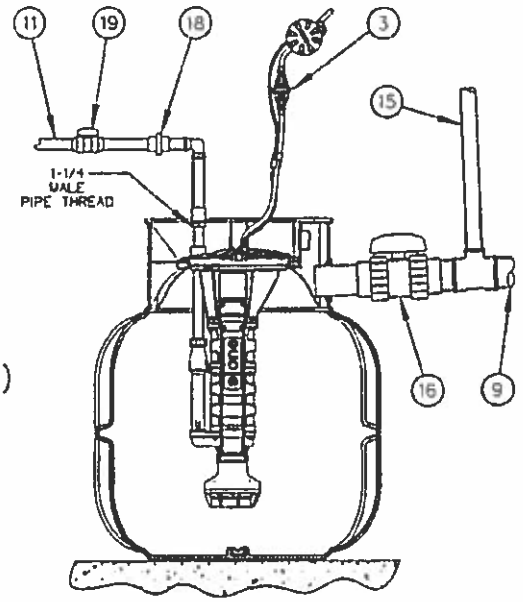


Figure 1b



FAILURE TO COMPLY WITH INSTALLATION INSTRUCTIONS WILL VOID WARRANTY

INSIDE
(ON-SLAB)