

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

Land Development Division

NOV 06 2015

Date

**ADDENDUM NO. 1
TO
INVITATION FOR BIDS**

**IFB-16-HHL-007
INDIVIDUAL WASTEWATER SYSTEM REPLACEMENT,
LALAMILO PHASE 1, LOT 1**

Notice to All Prospective Offerors

This addendum is hereby made a part of the contract documents for Individual Wastewater System Replacement, Lalamilo Phase 1, Lot 1, IFB-16-HHL-007, and it shall amend the said contract documents as detailed within this Addendum document.

APPROVED:



Norman L. Sakamoto, Acting Administrator
Land Development Division
Department of Hawaiian Home Lands

Please execute and immediately return the receipt below to the Department of Hawaiian Home Lands via facsimile to: **(808) 620-9299, Mr. Stewart Matsunaga, Master Planned Community Development Manager, Land Development Division.**

Receipt of Addendum No. 1 for Individual Wastewater System Replacement, Lalamilo Phase 1, Lot 1, Invitation for Bids No.: IFB-16-HHL-007, is hereby acknowledged.

Print: _____
(Name)

(Title)

Name of Firm/Company

Date

ADDENDUM NO. 1

IFB NO.: IFB-16-HHL-007

Individual Wastewater System Replacement, Lalamilo Phase 1, Lot 1

INCLUSIONS

This Addendum No. 1 shall incorporate the following amendments to IFB-16-HHL-007:

1. Pre-Bid Conference Agenda; Pre-bid Conference, October 29, 2015, at Hale Kuhio, 64-756 Mamalahoa Highway, Waimea, Hawaii 96743;
2. Sign-In Sheet (Pre-Bid Conference, on October 29, 2015)
3. Overall Site Plan (Figure 1) and Septic System Site Plan (Figure 2) for the Individual Wastewater System Replacement shall be replaced with the revisions, dated 11-5-15. (Enclosed).
4. Sections 02060-1 to 02060-3; Pumping and Backfilling of Cesspools in the Technical Specifications shall be replaced with revisions, dated 11-5-15. (Enclosed)

Primary revisions noted-

- A) The original specification for New Aerobic Treatment Unit, "ESIS Model 1300 or approved equal" shall be replaced with "ESIS Model 1700 or approved equal with 1,000 gpd rating minimum"; And,
 - B) The abandonment and backfilling of the existing seepage pit (cesspool) has been replaced with specifications to excavate, remove and backfill.
4. Pages 3 and 4; Bid Offer Form, revised 11/5/15. (Enclosed);
 5. Grading Plan; Lalamilo Housing West Subdivision Phase 1 (April 2005).

* The Grading Plan is for reference only. Contractor shall be responsible to determine the substrate.

Individual Wastewater System Replacement, Lalamilo Phase 1, Lot 1

IFB-16-HHL-007

Pre-bid Conference & Site Inspection
10:00 a.m., Thursday, October 29, 2015
Kuhio Hale, DHHL Hawaii District Office,
64-756 Mamalahoa Highway, Waimea, Hawaii 96743

AGENDA

1. INTRODUCTIONS

Department of Hawaiian Home Lands (DHHL)

- Stewart Matsunaga, Project Manager
- Robert Ing, Land Agent

Okahara & Associates, Inc.

- Ronald Layaoen

2. PURPOSE OF PRE-BID CONFERENCE

- Project overview and job site(s) visit
- Review procurement requirements
- Clarify bid documents.
- Submittal Schedule

3. SCOPE OF WORK

- A) Installation of new subsurface aerobic septic tank and appurtenances
- B) Installation of new seepage pit and appurtenances.
- C) Demolition, waste removal, backfill and disposal of existing aerobic septic tank.
- D) Excavation, waste removal and backfill of existing seepage pit (cesspool).

* All work must be performed in accordance with the Scope of Work and the Plans and Technical Specifications included in this IFB, being further subject to the County of Hawaii's Plumbing Code, State of Hawaii Department of Health Administrative Rules and applicable Standard Specifications and Details for Public Works Construction.

4. PROCUREMENT REMINDERS

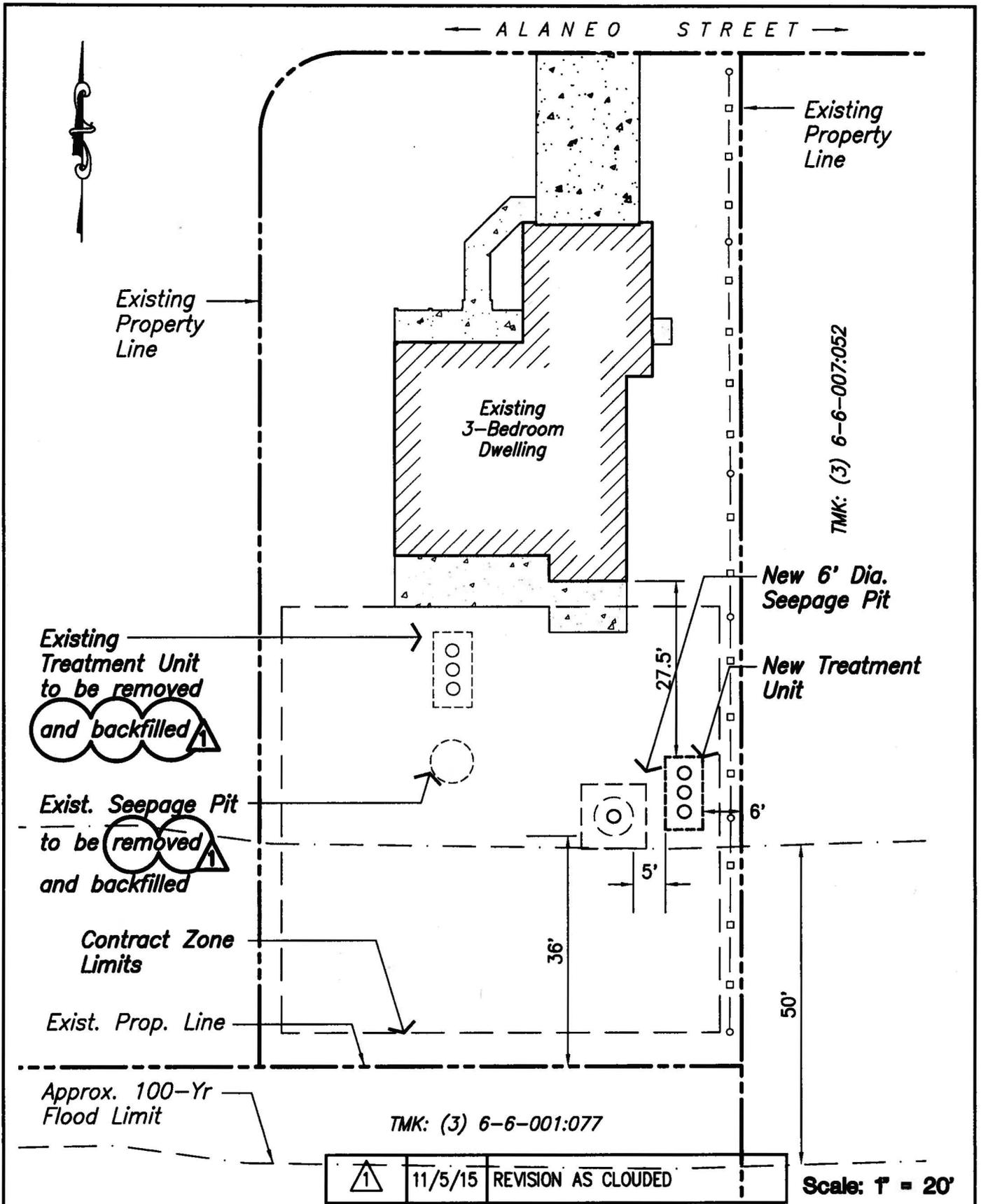
- This project is subject to Chapter 103D, Hawaii Revised Statutes (HRS), and to the payment of not less than the prevailing salaries and wages promulgated by the Department of Labor and Industrial Relations;
- After bid opening and prior to award of the contract, DHHL shall verify compliance under Section 103D-310, HRS, concerning an Offeror's qualifications to perform the work, and tax clearances under Section 103D-328, HRS for bidders and all subcontractors, via Hawaii Compliance Express (HCE). Therefore the bidder and all subcontractors should register with HCE. Instructions for registration are at the HCE website: <http://vendors.ehawaii.gov>;

**Individual Wastewater System Replacement, Lalamilo Phase 1, Lot 1
 IFB-16-HHL-007
 Submittals and Deadlines Table**

SUBMITTAL	DEADLINE
Notice of Intention to Bid	4:30 P.M., November 3, 2015
Standard Qualification Questionnaire <ul style="list-style-type: none"> • SQQ submittals for previous projects are NOT valid 	4:30 P.M., November 3, 2015
Hawaii Products Preference Request	4:30 P.M., November 4, 2015
Request for Substitutions	4:30 P.M., November 4, 2015
Written questions (Requests for Clarification)	4:30 P.M., November 6, 2015
Issuance of Last Addendum <ul style="list-style-type: none"> • Interested bidders are required to check the DHHL procurement website for any Addenda issued. 	4:30 P.M., November 10, 2015
Bids Due <ul style="list-style-type: none"> • Sealed bids are due no later than 10:00 A.M., November 19, 2015 at Kuhio Hale, DHHL Hawaii District Office, at 64-756 Mamalahoa Highway, Waimea, Hawaii 96743, according to its time clock. • Bids <u>WILL NOT</u> be accepted at the DHHL's Main Office in Kapolei, Oahu, or any other location not specified in this IFB. • Bids will be opened shortly after 10:00 A.M. and read aloud. (Bidders are welcome to attend). • Bids submitted after 10:00 A.M., November 19, 2015 will be time-stamped, but not accepted or opened. • All required bid forms are included in the IFB package. 	No later than 10:00 A.M., November 19, 2015
Award of contract will be made to the responsible and responsive bidder with the lowest "Total Sum Bid", approximately within two weeks following bid opening and after certification of the bid tabulation, subject to change.	

SIGN-IN SHEET

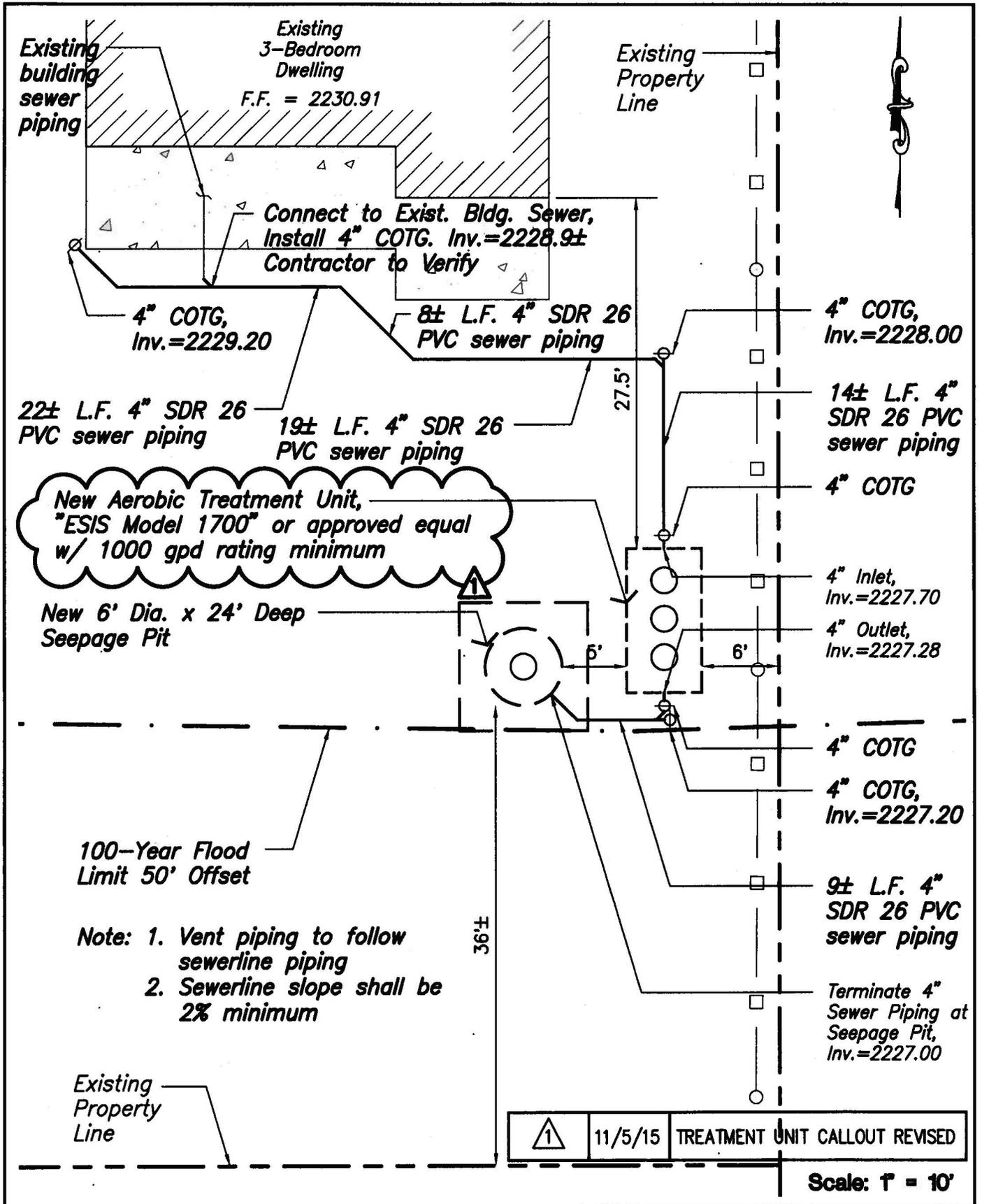
	Company Name	Name of Representative	Telephone/Fax	E-mail
1	OKAHARA & ASSOC., INC.	RONALD LAYDOEN	961-5527/ 961-5529	r.laydoen@okahara.com
2	Houa Kau Construction	Thomas P. Louyeir III	960-4827 326-9849	TKKau@aol.com
3	JAS. W. GLOVER, LTD	CALVIN SHIMIZU	935-0871 961-9237	calvin@gloverhd.com
4		LEONARD LOO	890-3225	
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Lalamilo Phase I - West Subdivision
Lot 1
 South Kohala, Kamuela
 Hawaii Island
 TMK: (3) 6-6-012 : 001

Figure 1

Overall Site Plan Rev 11-05-15



Lalamilo Phase I - West Subdivision
 Lot 1
 South Kohala, Kamuela
 Hawaii Island
 TMC: (3) 6-6-012 : 001

Figure 2

Septic System Site Plan Rev 11-05-15

SECTION 02060 – PUMPING AND BACKFILLING OF CESSPOOLS

PART 1 – GENERAL

1.01 SUMMARY

- A. Section includes pumping and backfilling requirements for the abandonment of existing cesspools. Cesspools, as defined herein, include seepage pits, and any subterranean chamber used for sewage disposal.

1.02 GENERAL REQUIREMENTS

- A. The work to be performed under this section shall consist of furnishing all labor, materials, equipment, tools, services and incidentals necessary for the abandonment of cesspools, the pump out of all liquids, removal of sediments and sludge, and the backfilling of the cesspools.

1.03 SUBMITTALS

- A. The Contractor shall furnish to the Engineer the affidavits and data from the supplier for the following:
 - 1. Design mix for Controlled Low Strength Material (CLSM).
- B. As-Built Drawings: Submit as-built drawings as specified under Section 01019 - GENERAL SPECIFICATIONS.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Portland Cement: Portland cement shall consist of Type I or Type II Portland Cement.
- B. Fine Aggregate for Concrete: Fine Aggregate for Controlled Low Strength Material may be a combination of calcareous sand and basalt, or basalt alone, both being free of vegetable matter and other deleterious substances. Natural sand or manufactured sand from a brackish water source shall be processed by washing with fresh water.
- C. Water: Potable and complying with ASTM C 94 or non potable meeting ASTM C 94 Acceptance Criteria for Questionable Water Supply.
- D. Controlled Low Strength Material (CLSM) shall include mixture of Portland Cement, Aggregate, and Water. Provide flowable CLSM with aggregate in suspension. Proportion CLSM mixture to produce the following:
 - 1. Uniform flowable mixture that is self-compacting and self-leveling when placed.
 - 2. The minimum 28-day compressive strength shall be 500 psi.

E. Backfill Material

1. **On-Site Backfill Material:** The existing on-site material may be used in backfills provided that it does not contain excessive amounts of volcanic ash. Excavated basalt may be used in backfills provided the material is crushed to a well-graded consistency. All rock fragments larger than 3 inches in maximum dimension shall be removed from the on-site soils prior to reuse.
2. **Imported Backfill Material:** Imported backfill shall consist of well-graded, non-expansive granular materials. Material shall meet ASTM crushed rock #2 gradation requirements, with a maximum particle size of 3 inches.
3. **Materials excavated within the project boundary** may be used as a source of backfill provided that they are processed to meet the gradation requirements herein, unless otherwise indicated on the Drawings. Control of gradation and maximum size of individual fragments will be required. If excavated materials do not contain sufficient fines to produce well-graded material, off-site borrow or on-site rock crushing shall be undertaken to provide backfill materials as herein specified.
4. **Material that is expansive, spongy, subject to decay, or otherwise considered unsuitable** shall not be used in the compacted backfill.
5. **Imported borrow material from sources outside of the project site** shall meet the requirements for the particular use intended. Imported material shall be free from organic matter and debris and shall conform to the requirements of the intended use as specified hereinbefore. The Contractor shall submit laboratory tests confirming that the import material meets requirements, at least five (5) days prior to hauling.

PART 3 – EXECUTION

3.01 PUMP OUT

- A. Pump out all liquids, remove all blockages, sediments, debris, sludge and organic matter in the cesspool, so as to expose the natural ground at the bottom of the cesspool.
- B. All liquid, sediments, debris, sludge and organic matter removed from the cesspool shall be handled and disposed of properly, in accordance with County, State and Federal regulations.

3.02 BACKFILLING

- A. **General Requirements**
 1. Prior to placement of backfill, moisture condition to about 2 percent within optimum moisture content, and compact to a minimum 90 percent compaction as determined by ASTM D 1557.
 2. Soft and compressible soils or excessive volcanic ash, indicated by pumping action, shall be completely removed and replaced with either existing on-site

material or imported fill. The backfill material shall be compacted in lifts to a minimum of 90 percent compaction as determined by ASTM D 1557.

B. Placing and Compacting Backfill Material

1. When moisture content of the fill material is below optimum, water shall be added until the moisture content is optimum to ensure that the proper compaction can be obtained. When the moisture content of the fill material is above optimum, the backfill material shall be aerated until the optimum moisture content is obtained.
2. Backfill shall be placed in horizontal lifts restricted to 8 inches in loose thickness and compacted to a minimum of 90 percent compaction as determined by ASTM D 1557.

C. Recompression

1. Where test results indicate that the moisture content of the backfill is not suitable, or that insufficient compaction has been obtained, the backfill shall be reconditioned and recompressed prior to placing additional backfill material. The Contractor shall be responsible for placing and compacting approved backfill material in accordance with these Specifications. If the Contractor fails to meet the compaction requirements, he shall stop hauling or reduce his rate of haul, furnish additional spreading, watering and/or compaction equipment as may be required, or make any other adjustments necessary to produce a satisfactory compacted backfill. When the work is stopped by rain, backfilling shall not resume until the Engineer has verified that the moisture content and the density of the fill surface are satisfactory.

3.03 CLEAN UP

- A. Contractor shall clean up all equipment and debris upon completion of the entire cesspool abandonment and backfilling work.
- B. The ground surface shall be restored to its original condition.

END OF SECTION

The following bid is hereby submitted for IFB-16-HHL-007 for the Department of Hawaiian Home Lands.

Item No.	Estimated Quantity	Description	Total
<u>SITE WORK</u>			
1.	L.S.	1) Excavation, removal and proper disposal of waste, existing aerobic septic tank, piping, lines and all other appurtenances from off of DHHL lands; 2) Backfill using approved fill material; And, 3) Erosion control, dust control, complete.	
		Lump Sum	\$ _____
2.	L.S.	1) Excavation, removal and proper disposal of all sewage waste and seepage pit apparatus, including concrete rings, covers, and appurtenances from off of DHHL lands; 2) Backfill of seepage pit; And, 3) Erosion control, dust control, complete.	
		Lump Sum	\$ _____
3.	L.S.	Installation of new aerobic septic tank and appurtenances; including all trenching and piping from house to new aerobic septic tank, excavation, installation, testing, backfill, erosion control, dust control and removal and disposal of debris off of DHHL lands, complete.	
		Lump Sum	\$ _____
4.	L.S.	Installation of new seepage pit; including all trenching and piping from new aerobic septic tank, excavation, installation of concrete rings, testing, backfill, erosion control, dust control, and removal and disposal of debris off of DHHL lands, complete.	
		Lump Sum	\$ _____
		SUBTOTAL (Items 1 to 4, Inclusive)	\$ _____
5.		<u>GENERAL EXCISE TAX</u> (4.166% x SUBTOTAL)	\$ _____
6.		<u>CONTINGENCY (10%)</u> x (SUBTOTAL + GET)	\$ _____

ALLOWANCES

- 7. ALLOWANCE Provide one year warranty for construction of the aerobic septic system including its tank and seepage pit, piping and appurtenances and a one-year service maintenance agreement which includes initial inspection and homeowner acceptance and two six-month inspections, ending the first year of service. **\$ 2,000.00**

- 8. ALLOWANCE Inspection services, as directed by the State's Project Manager, to include but not be limited to geotechnical, archaeological, unexploded ordinance, post design services, structural, and building inspections, as provided in the 'DHHL Construction General Conditions'. **\$ 25,000.00**

RECAPITULATION

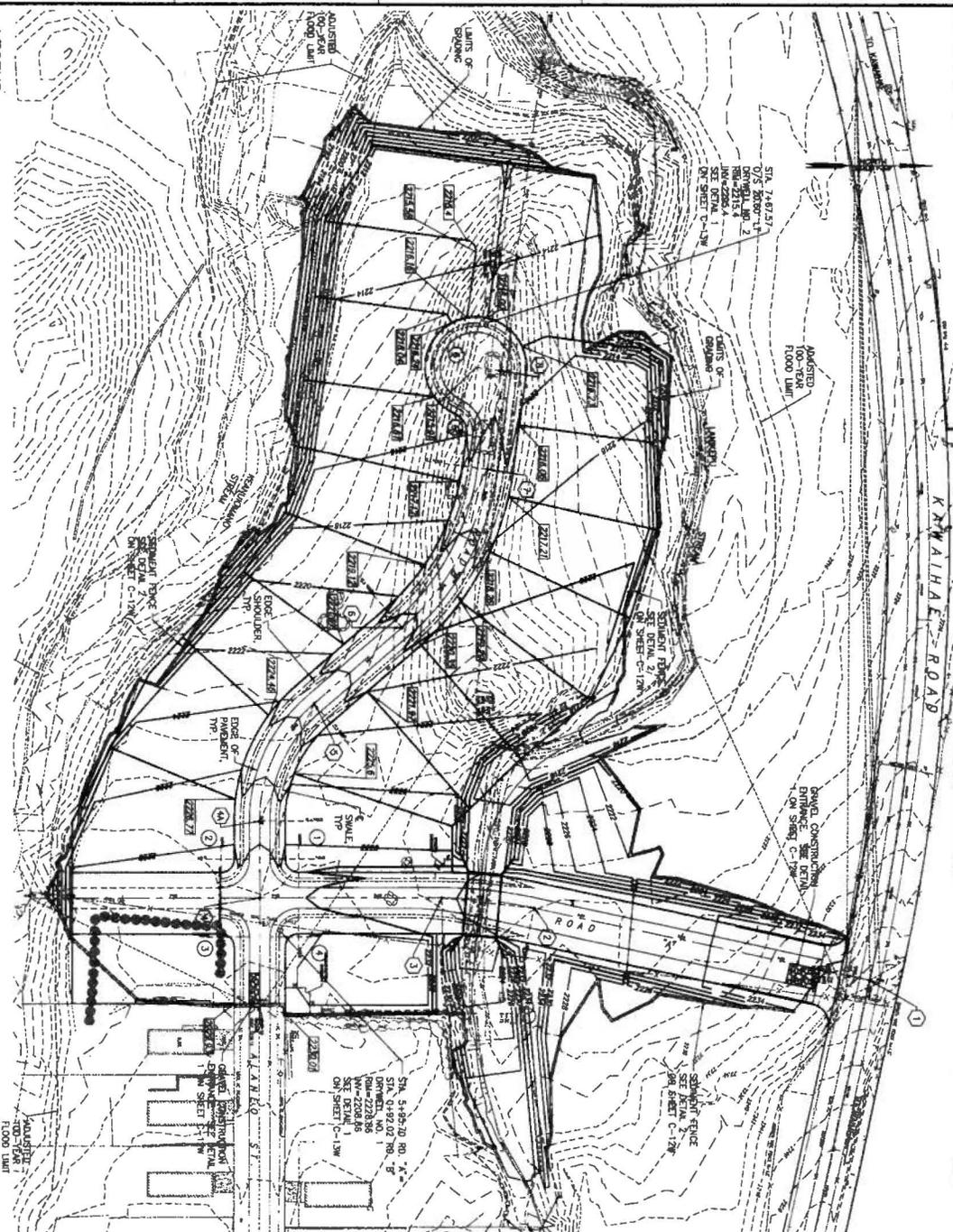
SITE WORK (Items 1 to 4, inclusive)	\$ _____
GENERAL EXCISE TAX (4.166% of Items 1 to 4)	\$ _____
CONTINGENCY (10% of Items 1 to 5)	\$ _____
ALLOWANCES (Items 7 to 8)	\$ _____
TOTAL:	\$ _____

The following bid is hereby submitted for IFB-16-HHL-007 to the Department of Hawaiian Home Lands.

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.

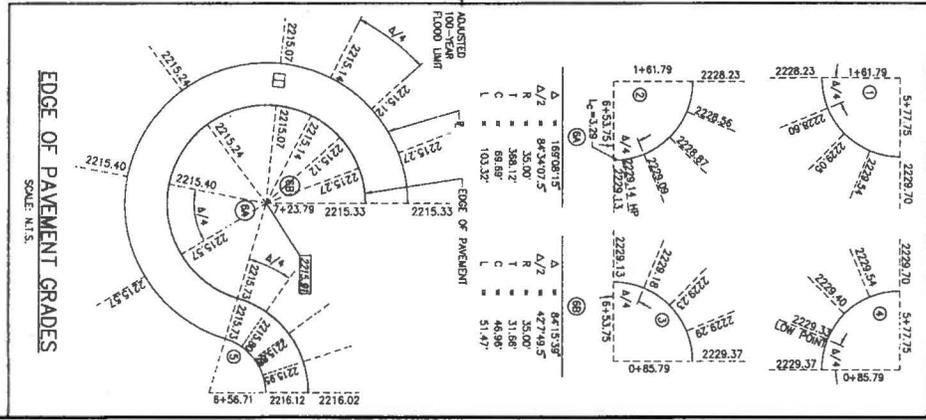
The CONTRACTOR shall complete all work as specified or indicated in the Contract Documents on or before One Hundred Eighty (180) calendar days after receiving written Notice to Proceed, subject to extensions, as may be granted.



GRADING PLAN
SCALE: 1" = 50'

- LEGEND**
- PROPOSED SPOT ELEVATION
 - EXISTING 100-YR FLOOD LIMIT
 - PROPOSED CONTOUR
 - EXISTING SPOT ELEVATION
 - EXISTING CONTOUR
 - LIMITS OF GRADING
 - SEWAGE FENCE
 - SEWAGE NUMBER
 - MONUMENT NUMBER
 - PAVEMENT CURVE NUMBER

EARTHWORK SUMMARY
T.A.K. 6-6-0134 & 77 (PORTION)
EARTHWORK - 53,720 C.Y.
GRADED AREA - 8.87 ACRES



	<p>LAMAMLO HOUSING WEST SUBDIVISION PHASE 1 GRADING PLAN DATE: APRIL 2005</p>	<p>Okahara & Associates Inc. CONSULTING ENGINEERS 877 ALA WAIANA BLVD. SUITE 703 HONOLULU, HAWAII 96813 TEL: (808) 824-1234</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>CHK</th> <th>OK</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	CHK	OK	REVISION					
NO.	DATE	CHK	OK	REVISION									
<p>DATE: APR 20, 2008</p>	<p>DESIGNED BY: [Name]</p> <p>CHECKED BY: [Name]</p> <p>DATE: APR 20, 2008</p>	<p>PROJECT NO.: [Number]</p> <p>SHEET NO.: [Number]</p> <p>REVISION: [Number]</p>											

"FIELD POSTED AS-BUILT"