DEPARTMENT OF HAWAIIAN HOME LANDS
STATE OF HAWAII

MARCH 19, 2015

ADDENDUM NO. 2

TO

PLANS, BID FORM, SPECIFICATIONS, CONTRACT AND BOND

FOR

TASK ORDER 11 PAPAKOLEA HAWAIIAN HOMESTEAD SUBDIVISION
IAUKEA STREET AND KRAUSS STREET

PAPAKOLEA, OAHU, HAWAII

IFB NO.: IFB-15-HHL-016

NOTICE TO ALL PROSPECTIVE BIDDERS

This addendum is hereby made a part of the PLANS, BID FORM, SPECIFICATIONS, CONTRACT AND BOND for the TASK ORDER 11 PAPAKOLEA HAWAIIAN HOMESTEAD SUBDIVISION IAUKEA STREET AND KRAUSS STREET, PAPAKOLEA, OAHU, HAWAII, and it shall amend the said contract documents as detailed within this Addendum document.

APPROVED: 

[Signature]

Norman Sakamoto, Acting Administrator
Land Development Division

Date: 19 Mar 15

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. 2 for the TASK ORDER 11 PAPAKOLEA HAWAIIAN HOMESTEAD SUBDIVISION IAUKEA STREET AND KRAUSS STREET, PAPAKOLEA, OAHU, HAWAII, is hereby acknowledged.

Signed ___________________________________ Title ___________________________________

Firm ___________________________________ Date ___________________________________
ADDENDUM NO. 2
MARCH 19, 2015

TO

PLANS, BID FORM, SPECIFICATIONS, CONTRACT AND BOND

FOR

TASK ORDER 11 PAPAKOLEA HAWAIIAN HOMESTEAD SUBDIVISION
IAUKEA STREET AND KRAUSS STREET

PAPAKOLEA, OAHU, HAWAII

IFB NO.: IFB-15-HHL-016

ITEM NO. 1 - CONSTRUCTION PLANS

Replace the following sheets with the attachments to this addendum.

Drawing C-104, Site Plan
1. Revised alignment of Retaining Wall for sight distance requirements.
2. Revised grading.
3. Revised Earthwork Quantities table.
4. Revised Section A2/C-104.

Drawing C-105, Miscellaneous Details
1. Revised Retaining Wall Profile.

Drawing S-101, General Notes and Typical Details
1. Revised mislabelled note title to Foundation Notes.
2. Changed the note 3 under Foundation Notes.

Drawing S-102, Retaining Wall Details
1. Incorporated the requirements of note 4 on the retaining wall details

ITEM NO. 2 BID OPEN DATE

The Bid Opening date has been changed, the new bid open date is 2:00 PM. Friday, March 27, 2015 at Hale Kalanianaole, 91-5420 Kapolei Parkway, Kapolei, HI 96707
GENERAL NOTES:
1. The contractor shall verify all field dimensions and conditions prior to starting work. All inspections shall be promptly reported to the engineer.
2. All conditions or conflicts between the various elements of the working drawings and/or specifications shall be brought to the attention of the architect or structural engineer before proceeding with any work so indicated.
3. All work shall conform to the standards, building codes adopted by the city and county of Honolulu, unless specifically noted.
4. Unspecified specifically detailed elements, contractor shall follow typical details on this contract.
5. During construction, the contractor shall be responsible for job site safety. The contractor shall assume responsibility for the design and provision of all temporary scaffolding, shoring, soffit, etc.
6. The contractor shall be solely responsible for all excavation procedures including shoring, lagging, and protection of adjacent properties and utilities.

REINFORCING STEEL:
1. Unless otherwise indicated on plans and/or schedule, all reinforcing steel shall be deformed bars which shall conform to the standard specification of A576 Grade 60, except bars that are deformed bars that are deformed bars, shall conform to ASTM A82 grade 60.
2. Low hydrogen welding rods shall be used for all welding to reinforcing bars.
3. Reinforcing bars shall be spaced only as shown on drawings. All other spacers shall be arranged by the structural engineer.
4. Bars noted as "C.O.C." shall be spaced a minimum of 0.50 in. diameter, but not less than 2 in.
5. All reinforcing steel, anchors, and anchor bolts shall be secured in position prior to placing concrete.
6. Reinforcement shall be spaced and supported for vertical elements in ear cap with positioners.
7. Minimum concrete protection for reinforcing steel unless otherwise shown.

CONCRETE:
1. All concrete work shall conform to ACI 318-05.
2. Sleeves extending one-third the slab or wall thickness shall not be placed in structural concrete, unless specifically detailed. Pipe may pass through structural concrete in sleeves shall not be considered therein.
3. Secure all bolts, anchors, embeds, etc. and verify all concrete, slabs, and finishes prior to placing concrete.
4. The contractor shall notify the structural engineer and special inspector 48 hours prior to the pouring of any structural concrete so an inspection may be made of all forms and reinforcing steel.
5. The 28-day compressive strength and minimum aggregate size of concrete shall be as follows:
6. Maximum water/cement ratio of all concrete shall be 0.6.

CONCRETE MASONRY UNITS (CMU):
1. Specified strength of masonry units shall be 1400 lbs.
2. Concrete masonry units shall be hallowed, hand bearing units conforming to ACI 536, Type A, Minimum 28-day compressive strength shall be 2,000 psi.
3. Masonry work shall conform to ACI 536, Type "A", with a minimum 28-day compressive strength of 2,000 psi.
4. Walls shall be constructed in conventional, running bond.
5. Shear reinforcing steel bars and typical details for reinforcing steel requirements. Secure reinforcements in proper position with galvanized, 8 gauge wire, or posttension.
6. Minimum cover shall have a minimum 28-day compressive strength of 2,000 psi.
7. Unless noted otherwise, all cells shall be grouted solid. Grout shall be placed in unit not to exceed 3 in. in height. Unit weight of grout pods to be 60 to 70 lbs. unless elements conforming to ACI 536:05 are provided.
8. Expansive placement grout shall be by mechanical vibration. After initial unit losses and settlement is equalized, reconsolidate by mechanical vibration.

FOUNDATION NOTES:
1. Foundation will consist of slices on soils investigation report, entitled "Construction Engineering Investigation Report," submitted by the architect and engineering consultant. Foundation work shall be done under the supervision of the City of Honolulu engineer, and inspections shall be made.
2. It is the architect's responsibility that the foundation design shall be in accordance with the design and specifications. Inspections shall be made.
3. Footings located next to heavy concrete elements shall be designed a minimum of 18" thick. Footings shall be designed to support the footing without exceeding one-fifth of the footing depth. Footings shall be designed to support the footing without exceeding one-fifth of the footing depth.
4. The foundation walls and supports shall be designed to support the footing without exceeding one-fifth of the footing depth.
5. The foundation walls and supports shall be designed to support the footing without exceeding one-fifth of the footing depth.

LATERAL EARTH PRESSURES FOR DESIGN OF RETAINING WALL

<table>
<thead>
<tr>
<th>SLOPE</th>
<th>K0 (LATERAL)</th>
<th>K1 (LATERAL)</th>
<th>K2 (LATERAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:1</td>
<td>0.35</td>
<td>0.75</td>
<td>0.25</td>
</tr>
<tr>
<td>1:2</td>
<td>0.40</td>
<td>0.80</td>
<td>0.30</td>
</tr>
<tr>
<td>1:3</td>
<td>0.45</td>
<td>0.90</td>
<td>0.35</td>
</tr>
</tbody>
</table>

SPECIAL INSPECTION:
1. The contractor shall employ a special inspector for work requiring special inspection per chapter 17 of the City Code as adopted by the city and county of Honolulu.
2. Special inspection firms shall be licensed to examine, detect, and ensure that work is of a quality, standard, and satisfactory to the engineer.
3. The contractor shall coordinate his work with the special inspector to ensure that all elements requiring special inspection are inspected.
4. Special inspection is required for the following types of work:
   A. Concrete:
      - Obtain the addition of test specimens and placement of concrete for all elements.
   B. Masonry:
      - Obtain the approval of masonry, site visited masonry portions, placing of grout.
   C. Reinforcing:
      - Obtain the placement of all reinforcing. The special inspector may or may not be present during the placement of reinforcing. If the special inspector is not present, he has inspected for conformance with the approved plans prior to the placing of concrete for the delivery of concrete to the inspector.

GEO-TECHNICAL CONSIDERATIONS:
1. Geotechnical considerations shall be made for the design of the retaining wall. Geotechnical considerations shall be made for the design of the retaining wall. Geotechnical considerations shall be made for the design of the retaining wall. Geotechnical considerations shall be made for the design of the retaining wall.
SCHEDULE FOR RETAINING WALL 4'-0" ≤ HT ≤ 8'-0"

<table>
<thead>
<tr>
<th>No.</th>
<th>HT</th>
<th>&quot;&quot;</th>
<th>&quot;&quot;</th>
<th>&quot;&quot; Bar</th>
<th>&quot;&quot; Bar</th>
<th>&quot;&quot; Bar</th>
<th>&quot;&quot; Bar</th>
</tr>
</thead>
<tbody>
<tr>
<td>RW-1</td>
<td>4'-0&quot;</td>
<td>1'-0&quot;</td>
<td>1'-0&quot;</td>
<td>5'-10&quot;</td>
<td>5'-10&quot;</td>
<td>5'-10&quot;</td>
<td>5'-10&quot;</td>
</tr>
<tr>
<td>RW-2</td>
<td>4'-0&quot;</td>
<td>1'-0&quot;</td>
<td>1'-0&quot;</td>
<td>6'-0&quot;</td>
<td>6'-0&quot;</td>
<td>6'-0&quot;</td>
<td>6'-0&quot;</td>
</tr>
</tbody>
</table>

SOLID GROUT ALL CMU CELLS

SOLID GROUT ALL CMU CELLS

PROPERTY LINE RETAINING WALL

SCALE 1/4" = 1'-0"

PAPAKOLEA HAWAIIAN HOMEOWNER SUBDIVISION
IAUKEA STREET AND KAUSU STREET

RETAILING WALL DETAILS

DRAWN BY: 
CHECKED BY: 
DATE: 01/30/2014

AECOM