

**STATE OF HAWAII  
DEPARTMENT OF HAWAIIAN HOME LANDS**

**BID OFFER FORM FOR**

**EAST KAPOLEI II DEVELOPMENT ROAD "E"**

**HONOULIULI, EWA, ISLAND OF OAHU, HAWAII**

**TAX MAP KEY: 9-1-17: PORTION OF 110**

**IFB NO.: IFB-11-HHL-004**

Chairman  
Hawaiian Homes Commission  
Department of Hawaiian Home Lands  
91-5420 Kapolei Parkway  
Kapolei, Hawaii 96707

The undersigned has carefully examined, read, and understands the terms and conditions in the Specifications, Special Conditions attached hereto, DHHL Interim General Conditions, and General Conditions specified in the Invitation for Bids (IFB) No. IFB-11-HHL-004. The State of Hawaii's (State) Contract for Goods and Services Based on Competitive Sealed Bids AG-003 Rev. 6/22/2009, General Conditions, AG-008 Rev. 4/15/2009, are included by reference and made part hereof and available upon written request to the Procurement Officer. The undersigned hereby submits the following offer to perform the work for IFB No. IFB-11-HHL-004 as specified herein, all in accordance with the true intent and meaning thereof.

The undersigned understands and agrees that:

1. The State reserves the right to reject any and all offers and to waive any items that are defective when, in the State's opinion, such rejection or waiver will be in the best interest of the State. A solicitation may be rejected in whole or part when in the best interest of the State.
2. If awarded the contract, all services will be in accordance with Hawaii Revised Statutes (HRS) § 103-55.5.
3. In submitting this offer, the Offeror is not in violation of HRS Chapter 84, concerning prohibited State contracts.
4. By submitting this offer, the Offeror certifies that the offer was independently arrived at without collusion and the Offeror did not participate in any practices to restrict competition.
5. It is understood that the failure to receive any addendum shall not relieve the Offeror from any obligation under this IFB.

Date: \_\_\_\_\_

The undersigned represents that it is: **(Check ✓ one only)**

- ☐ A **Hawaii business** incorporated or organized under the laws of the State of Hawaii; **OR**
- ☐ A **Compliant Non-Hawaii business** not incorporated or organized under the laws of the State of Hawaii, is or shall be registered at the State of Hawaii Department of Commerce and Consumer Affairs Business Registration Division (DCCA-BREG) to do business in the State of Hawaii.

State of incorporation: \_\_\_\_\_

Offeror is:

☐ Sole Proprietor      ☐ Partnership      ☐ Corporation      ☐ Joint Venture      ☐ Other: \_\_\_\_\_

Federal ID No.: \_\_\_\_\_

Hawaii General Excise Tax ID No.: \_\_\_\_\_

Telephone No.: \_\_\_\_\_

Fax No.: \_\_\_\_\_

E-Mail Address.: \_\_\_\_\_

Payment address (other than street address below)

\_\_\_\_\_  
(Street Address, City, State, Zip Code)

Business address

\_\_\_\_\_  
(Street Address, City, State, Zip Code)

Respectfully submitted:

\_\_\_\_\_  
Authorized (Original) Signature

\_\_\_\_\_  
Name and Title (Please Type or Print)

\* \_\_\_\_\_  
**Exact Legal Name of Company (Offeror)**

\*If Offeror shown above is a "dba" or a "division" of a corporation, furnish the exact legal name of the corporation under which the awarded contract will be executed:

The following bid is hereby submitted for IFB-11-HHL-004 for the Department of Hawaiian Home Lands.

| Item No. | Estimated Quantity | Description | Unit Price | Total |
|----------|--------------------|-------------|------------|-------|
|----------|--------------------|-------------|------------|-------|

**PART 1 – EAST KAPOLEI II DEVELOPMENT, ROAD “E”**

The prices bid herein for the following items shall include all materials, labor, tools, equipment, machinery and all incidentals necessary to install or to construct these items in place complete, all in accordance with the plans and specifications.

**ROAD CONSTRUCTION**

|    |       |   |              |          |          |
|----|-------|---|--------------|----------|----------|
| 1. | 5     | Each, Wire mesh filter for field inlets, including installation, maintenance and removal, in place complete.  | Each         | \$ _____ | \$ _____ |
| 2. | 3     | Each, Wire mesh filter, gravel and silt fence for catch basin and drainage manholes, including installation, maintenance and removal, in place complete.  | Each         | \$ _____ | \$ _____ |
| 3. | 23    | Each, Sediment control filter at catch basins, including installation, maintenance and removal, in place complete.  | Each         | \$ _____ | \$ _____ |
| 4. | 820   | Lin. Ft., Dust fence including construction, maintenance and removal, to be used only as directed or approved by the Engineer, in place complete. Contingent item.  | Per Lin. Ft. | \$ _____ | \$ _____ |
| 5. | 319   | Lin. Ft., Silt fence, including construction, maintenance and removal, to be used only as directed or approved by the Engineer, in place complete. (Contingent item)  | Per Lin. Ft. | \$ _____ | \$ _____ |
| 6. | L. S. | Temporary erosion control, inclusive of maintenance of existing temporary ingress/egress, maintenance of existing Sediment Basins #1 and #2 constructed under “East Kapolei II Portion of Lot 6A Mass Grading Plans,” and NPDES permit requirements, in place complete. | Lump Sum     |          | \$ _____ |

|     |         |   |              |                   |
|-----|---------|---|--------------|-------------------|
| 7.  | L. S.   | Mobilization, including obtaining insurance, bonds, permits, scheduling, submittals and other activities to mobilize the project, in place complete. (Maximum \$50,000)   | Lump Sum     | \$ _____          |
| 8.  | 233,350 | Sq. Ft., Fine grading of road area, in place complete.  | Per Sq. Ft.  | \$ _____ \$ _____ |
| 9.  | 2,180   | Cu. Yds., 5.5" dnd asphalt treated base course/glassphalt, in place complete.   | Per Cu. Yd.  | \$ _____ \$ _____ |
| 10. | 9,460   | Sq. Yds., 2" asphaltic concrete pavement, in place complete.  | Per Sq. Yd.  | \$ _____ \$ _____ |
| 11. | 4,510   | Sq. Yds., 2-1/2" asphaltic concrete pavement, in place complete.  | Per Sq. Yd.  | \$ _____ \$ _____ |
| 12. | 40      | Sq. Yds., 2" to 2-1/2" asphaltic concrete pavement transition, in place complete.   | Per Sq. Yd.  | \$ _____ \$ _____ |
| 13. | 4,816   | Cu. Yds., 11" and 12" aggregate subbase course under pavement, curbs and gutters, in place complete.  | Per Cu. Yd.  | \$ _____ \$ _____ |
| 14. | 124     | Lin. Ft., Standard concrete curb, in place complete.  | Per Lin. Ft. | \$ _____ \$ _____ |
| 15. | 5,704   | Lin. Ft., Standard cast-in-place integral curb and gutter, per DPW Standard Detail R-4A (revised), in place complete.   | Per Lin. Ft. | \$ _____ \$ _____ |
| 16. | 2,932   | Sq. Ft., 6" thick Class "A" concrete driveway apron, reinforced with 6"x6"-6/6 galvanized wire fabric, broom finished, in place complete. Payment of 24" thick aggregate subbase course shall be incidental to this work. | Per Sq. Ft.  | \$ _____ \$ _____ |

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|-----|--------|--|-------------|----------|----------|
| 17. | 38,690 | Sq. Ft., Class "B" concrete sidewalk, 4" thick, including curb ramps and concrete slab in the median, in place complete. Payment for 18" thick aggregate subbase shall be incidental to this work. | Per Sq. Ft. | \$ _____ | \$ _____ |
| 18. | 2      | Each, Remove NO PARKING sign and post, salvage, repair post hole and posts, in place complete.   | Each        | \$ _____ | \$ _____ |
| 19. | 2      | Each, Reinstall salvaged NO PARKING sign and posts, in place complete.   | Each        | \$ _____ | \$ _____ |
| 20. | 18     | Each, Traffic sign with post, in place complete.   | Each        | \$ _____ | \$ _____ |
| 21. | 35     | Each, Traffic sign without post, including straps, in place complete.  | Each        | \$ _____ | \$ _____ |
| 22. | 21     | Each, Type III barricade, in place complete.   | Each        | \$ _____ | \$ _____ |
| 23. | 9      | Each, Road closed sign, 48" x 30" R11-2 mounted on Type III barricade, in place complete.  | Each        | \$ _____ | \$ _____ |
| 24. | 2      | Each, Wooden barricade, City and County of Honolulu standards, in place complete.  | Each        | \$ _____ | \$ _____ |
| 25. | 6      | Each, Standard City and County street survey monument, in place complete.  | Each        | \$ _____ | \$ _____ |
| 26. | 1      | Each, Standard street name sign, in place complete.  | Each        | \$ _____ | \$ _____ |
| 27. | L. S.  | Pavement markings, including striping, words, stop bars, and reflective markers, in place complete.  | Lump Sum    |          | \$ _____ |

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|---|-------|---|----------|----------|
| 28.   | L. S. | Demolish existing Road "E" turnaround, removing existing AC pavement to top of existing base course, curb to curb to Station 7+50. Remove all other existing AC pavement, base course, AC curbs and concrete headers. | Lump Sum | \$ _____ |
| 29.   | L. S. | Project sign, including installation and removal, in place complete.  | Lump Sum | \$ _____ |
| 30.   | L.S.  | Field office, including installation and removal, in place complete.  | Lump Sum | \$ _____ |
| TOTAL – ROAD CONSTRUCTION<br>(Items 1 to 30, inclusive) |       |   |          | \$ _____ |

#### DRAINAGE SYSTEM

|     |       |  |              |          |          |
|-----|-------|--|--------------|----------|----------|
| 31. | 7,721 | Cu. Yds., Unclassified excavation for drain lines, catch basins and DMH, including backfill and pipe cushion, in place complete. | Per Cu. Yd.  | \$ _____ | \$ _____ |
| 32. | 705   | Lin. Ft., 60" reinforced concrete drainpipe, Class III, in place complete.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 33. | 789   | Lin. Ft., 54" reinforced concrete drainpipe, Class III, in place complete.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 34. | 138   | Lin. Ft., 48" reinforced concrete drainpipe, Class III, in place complete.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 35. | 1,116 | Lin. Ft., 42" reinforced concrete drainpipe, Class III, in place complete.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 36. | 127   | Lin. Ft., 36" reinforced concrete drainpipe, Class III, in place complete.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 37. | 120   | Lin. Ft., 30" reinforced concrete drainpipe, Class III, in place complete.   | Per Lin. Ft. | \$ _____ | \$ _____ |

|     |     |   |              |          |          |
|-----|-----|---|--------------|----------|----------|
| 38. | 812 | Lin. Ft., 24" reinforced concrete drainpipe, Class III, in place complete.                        | Per Lin. Ft. | \$ _____ | \$ _____ |
| 39. | 718 | Lin. Ft., 18" reinforced concrete drainpipe, Class III, in place complete.                        | Per Lin. Ft. | \$ _____ | \$ _____ |
| 40. | 1   | Each, Standard reinforced concrete catch basin, Type "A," 4.00' to 4.99' deep, in place complete. | Each         | \$ _____ | \$ _____ |
| 41. | 7   | Each, Standard reinforced concrete catch basin, Type "A," 5.00' to 5.99' deep, in place complete. | Each         | \$ _____ | \$ _____ |
| 42. | 1   | Each, Standard reinforced concrete catch basin, Type "A," 7.00' to 7.99' deep, in place complete. | Each         | \$ _____ | \$ _____ |
| 43. | 1   | Each, Standard reinforced concrete catch basin, Type "B," 5.00' to 5.99' deep, in place complete. | Each         | \$ _____ | \$ _____ |
| 44. | 2   | Each, Standard reinforced concrete catch basin, Type "B," 6.00' to 6.99' deep, in place complete. | Each         | \$ _____ | \$ _____ |
| 45. | 1   | Each, Standard reinforced concrete catch basin, Type "D," 4.00' to 4.99' deep, in place complete. | Each         | \$ _____ | \$ _____ |
| 46. | 2   | Each, Standard reinforced concrete catch basin, Type "D," 5.00' to 5.99' deep, in place complete. | Each         | \$ _____ | \$ _____ |
| 47. | 2   | Each, Standard shallow drain manhole for pavement area, 5.00' to 5.99' deep, in place complete.   | Each         | \$ _____ | \$ _____ |
| 48. | 1   | Each, Standard shallow drain manhole for pavement area, 6.00' to 6.99' deep, in place complete.   | Each         | \$ _____ | \$ _____ |

|     |   |   |      |          |          |
|-----|---|---|------|----------|----------|
| 49. | 1 | Each, Special reinforced catch basin,<br>Type "B," CB "E-5," in place complete.     | Each | \$ _____ | \$ _____ |
| 50. | 1 | Each, Special reinforced catch basin,<br>Type "B," CB "E-9," in place complete.     | Each | \$ _____ | \$ _____ |
| 51. | 1 | Each, Special reinforced catch basin,<br>Type "B," CB "B-2," in place complete.     | Each | \$ _____ | \$ _____ |
| 52. | 1 | Each, Special reinforced catch basin,<br>Type "B," CB "F-1," in place complete.     | Each | \$ _____ | \$ _____ |
| 53. | 1 | Each, Special reinforced catch basin,<br>Type "D," CB "D-1," in place complete.     | Each | \$ _____ | \$ _____ |
| 54. | 1 | Each, Special drain manhole for<br>pavement area, DMH "E-4," in place<br>complete.  | Each | \$ _____ | \$ _____ |
| 55. | 1 | Each, Special drain manhole for<br>pavement area, DMH "E-6," in place<br>complete.  | Each | \$ _____ | \$ _____ |
| 56. | 1 | Each, Special drain manhole for<br>pavement area, DMH "E-7," in place<br>complete.  | Each | \$ _____ | \$ _____ |
| 57. | 1 | Each, Special drain manhole for<br>pavement area, DMH "E-10," in place<br>complete. | Each | \$ _____ | \$ _____ |
| 58. | 1 | Each, Special drain manhole for<br>pavement area, DMH "A-4," in place<br>complete.  | Each | \$ _____ | \$ _____ |
| 59. | 1 | Each, Special drain manhole for<br>pavement area, DMH "B-1," in place<br>complete.  | Each | \$ _____ | \$ _____ |
| 60. | 3 | Each, Temporary field inlets "A-10",<br>"D-2" and "F1-1", in place complete.        | Each | \$ _____ | \$ _____ |



|  |   |  |      |          |          |
|--|---|--|------|----------|----------|
| 61.  | 2 | Each, Temporary field inlets "B-3" and "F2", in place complete.  | Each | \$ _____ | \$ _____ |
| 62.  | 1 | Each, Connect 60" RCP to existing stub, in place complete.   | Each | \$ _____ | \$ _____ |
| 63.  | 2 | Each, Plug end of 18" RCP, in place complete.  | Each | \$ _____ | \$ _____ |
| 64.  | 3 | Each, Plug end of 24" RCP, in place complete.  | Each | \$ _____ | \$ _____ |
| 65.  | 1 | Each, Construct CRM outlet, including headwall, deflectors, 3' deep CRM cutoff wall along bottom and side edges, 2' deep CRM cutoff wall along top, grouted CRM lining at bottom, backfilling and excavation, in place complete. | Each | \$ _____ | \$ _____ |
| TOTAL – DRAINAGE SYSTEM<br>(Items 31 to 65, inclusive) |   |  |      |          | \$ _____ |

#### SEWER SYSTEM

|     |     |   |              |          |          |
|-----|-----|---|--------------|----------|----------|
| 66. | 996 | Cu. Yds., Unclassified excavation for sewer lines, cradles and manholes, including backfill, in place complete. | Per Cu. Yd.  | \$ _____ | \$ _____ |
| 67. | 41  | Lin. Ft., Crushed rock cradle for 6" sewer pipe, in place complete.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 68. | 906 | Lin. Ft., Crushed rock cradle for 8" sewer pipe, in place complete.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 69. | 383 | Lin. Ft., Crushed rock cradle for 10" sewer pipe, in place complete.  | Per Lin. Ft. | \$ _____ | \$ _____ |

|     |     |   |              |          |          |
|-----|-----|---|--------------|----------|----------|
| 70. | 41  | Lin. Ft., 6" polyvinyl chloride sewer pipe, Class 150, DR=18, in place complete.                                      | Per Lin. Ft. | \$ _____ | \$ _____ |
| 71. | 921 | Lin. Ft., 8" polyvinyl chloride sewer pipe, Class 150, DR=18, in place complete.                                      | Per Lin. Ft. | \$ _____ | \$ _____ |
| 72. | 398 | Lin. Ft., 10" polyvinyl chloride sewer pipe, Class 150, DR=18, in place complete.                                     | Per Lin. Ft. | \$ _____ | \$ _____ |
| 73. | 15  | Lin. Ft., Reinforced concrete jacket for 8" PVC pipe, in place complete.  | Per Lin. Ft. | \$ _____ | \$ _____ |
| 74. | 10  | Lin. Ft., Reinforced concrete jacket for 10" PVC pipe, in place complete.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 75. | 2   | Each, Plain manhole (precast concrete), 9.00' to 9.99', including manhole frame, walls and base, in place complete.   | Each         | \$ _____ | \$ _____ |
| 76. | 1   | Each, Plain manhole (precast concrete), 10.00' to 10.99', including manhole frame, walls and base, in place complete. | Each         | \$ _____ | \$ _____ |
| 77. | 1   | Each, Plain manhole (precast concrete), 11.00' to 11.99', including manhole frame, walls and base, in place complete. | Each         | \$ _____ | \$ _____ |
| 78. | 1   | Each, Advanced riser connection, including excavation and backfill, in place complete.                                | Each         | \$ _____ | \$ _____ |
| 79. | 5   | Each, 8" sewer pipe plug, in place complete.  | Each         | \$ _____ | \$ _____ |
| 80. | 4   | Each, 10" sewer pipe plug, in place complete.   | Each         | \$ _____ | \$ _____ |
| 81. | 2   | Each, 2" polyvinyl chloride marker, in place complete.  | Each         | \$ _____ | \$ _____ |

**TOTAL – SEWER SYSTEM**

(Items 66 to 81, inclusive)

\$ \_\_\_\_\_

**WATER SYSTEM**

|                                     |       |  |              |          |          |
|-------------------------------------|-------|--|--------------|----------|----------|
| 82.                                 | 1,301 | Cu. Yds., Unclassified excavation for water mains, manholes and appurtenances, including backfill and pipe cushion, in place complete. | Per Cu. Yd.  | \$ _____ | \$ _____ |
| <b><u>PVC Pipe and Fittings</u></b> |       |  |              |          |          |
| 83.                                 | 707   | Lin. Ft., 16” polyvinyl chloride pipe, Class 150, DR = 18, in place complete.  | Per Lin. Ft. | \$ _____ | \$ _____ |
| 84.                                 | 2,102 | Lin. Ft., 12” polyvinyl chloride pipe, Class 150, DR = 18, in place complete.  | Per Lin. Ft. | \$ _____ | \$ _____ |
| 85.                                 | 472   | Lin. Ft., 8” polyvinyl chloride pipe, Class 150, DR = 18, in place complete.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 86.                                 | 128   | Lin. Ft., 6” polyvinyl chloride pipe, Class 150, DR = 18, in place complete.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 87.                                 | 11    | Lin. Ft., 4” polyvinyl chloride pipe, Class 150, DR = 18, in place complete.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 88.                                 | 2     | Each, 16” bevel gear gate valve, Class 150, FE, including ball corps, bypass valves and appurtenances, in place complete.              | Each         | \$ _____ | \$ _____ |
| 89.                                 | 2     | Each, 16” dismantling joint, FE, in place complete.  | Each         | \$ _____ | \$ _____ |
| 90.                                 | 10    | Each, 12” gate valve, Class 150, including anchor valve block, in place complete.  | Each         | \$ _____ | \$ _____ |
| 91.                                 | 5     | Each, 8” gate valve, Class 150, including anchor valve block, in place complete.   | Each         | \$ _____ | \$ _____ |

|   |        |   |         |          |          |
|---|--------|---|---------|----------|----------|
| 92.   | 9      | Each, 6" gate valve, Class 150, including anchor valve block, in place complete.        | Each    | \$ _____ | \$ _____ |
| 93.   | 1      | Each, 4" gate valve, Class 150, including anchor valve block, in place complete.        | Each    | \$ _____ | \$ _____ |
| 94.   | 13,565 | Lbs., Ductile iron pipe fittings, in place complete.                                    | Per Lb. | \$ _____ | \$ _____ |
| <p>The above weight is approximate and is based on the fittings listed below:</p> <p>1 – 12" sleeve, 12" long .....110#</p> <p>3 – 8" boss tee tapped for ¾" ball corp .....285#</p> <p>9 – 12" boss tee tapped for ¾" ball corp .....1485#</p> <p>6 – 16" boss tee tapped for ¾" ball corp .....1410#</p> <p>11 – 12" connector piece.....1815#</p> <p>5 – 16" connector piece.....1200#</p> <p>2 – 16"x6" tee .....1150#</p> <p>1 – 16"x12" cross.....685#</p> <p>1 – 12"x8" cross.....385#</p> <p>1 – 12" cross .....495#</p> <p>1 – 12"x4" tee .....315#</p> <p>7 – 12"x6" tee .....2275#</p> <p>2 – 12"x8" tee .....680#</p> <p>4 – 8" 1/8 bend.....440#</p> <p>3 – 8" plug with 2-1/2" C.O. ....150#</p> <p>3 – 12" plug with 4" C.O. ....255#</p> <p>2 – 16" plug with 4" C.O. ....290#</p> <p>1 – 4" cap 2-1/2" C.O..... 20#</p> <p>1 – 8" cap with 2-1/2" C.O..... 45#</p> <p>1 – 12" cap with 4" C.O..... 75#</p> |        |   |         |          |          |
| 95.   | 18     | Each, ¾" air relief valve, 150# W.P., including appurtenances, in place complete.       | Each    | \$ _____ | \$ _____ |
| 96.   | 18     | Each, Air relief boxes, including frame and cover and concrete base, in place complete. | Each    | \$ _____ | \$ _____ |
| 97.   | 6      | Each, 4" galvanized cleanout including appurtenances, in place complete.                | Each    | \$ _____ | \$ _____ |
| 98.   | 5      | Each, 2-1/2" brass cleanout including appurtenances, in place complete.                 | Each    | \$ _____ | \$ _____ |

|      |     |   |              |          |          |
|------|-----|---|--------------|----------|----------|
| 99.  | 8   | Each, Fire hydrant, 4.5' curb to invert, including concrete slab and blue reflective markers, in place complete.                                | Each         | \$ _____ | \$ _____ |
| 100. | 1   | Each, Fire hydrant, 5.0' curb to invert, including concrete slab and blue reflective markers, in place complete.                                | Each         | \$ _____ | \$ _____ |
| 101. | 2   | Each, Type "A" manholes "modified," height = 7.0', in place complete.   | Each         | \$ _____ | \$ _____ |
| 102. | 4   | Each, Capping collars, including BxFL ductile iron pipe adapters, in place complete.  | Each         | \$ _____ | \$ _____ |
| 103. | 36  | Each, valve box including cast iron frame and cover, pipe sleeve and concrete anchor pad, in place complete.                                    | Each         | \$ _____ | \$ _____ |
| 104. | 30  | Cu. Yds., Class "B" concrete including reinforcing steel wherever necessary to pipe bracing, reaction and test blocks, etc., in place complete. | Per Cu. Yd.  | \$ _____ | \$ _____ |
| 105. | 68  | Lin. Ft., Reinforced concrete jacket including 16" ductile iron pipe, fittings and appurtenances, in place complete.                            | Per Lin. Ft. | \$ _____ | \$ _____ |
| 106. | 229 | Lin. Ft., Reinforced concrete jacket including 12" ductile iron pipe, fittings and appurtenances, in place complete.                            | Per Lin. Ft. | \$ _____ | \$ _____ |
| 107. | 94  | Lin. Ft., Reinforced concrete jacket including 8" ductile iron pipe, fittings and appurtenances, in place complete.                             | Per Lin. Ft. | \$ _____ | \$ _____ |
| 108. | 1   | Each, Concrete thrust beam with D.I. reverse bell pipe for 16" polyvinyl chloride pipe, in place complete.                                      | Each         | \$ _____ | \$ _____ |

|  |       |  |          |          |          |
|--|-------|--|----------|----------|----------|
| 109.   | 2     | Each, Concrete thrust beam with D.I. reverse bell pipe for 12" polyvinyl chloride pipe, in place complete. | Each     | \$ _____ | \$ _____ |
| 110.   | 2     | Each, Concrete thrust beam with D.I. reverse bell pipe for 8" polyvinyl chloride pipe, in place complete.  | Each     | \$ _____ | \$ _____ |
| 111.   | L. S. | Electronic markers, including all necessary labor, materials and equipment, in place complete.             | Lump Sum |          | \$ _____ |
| 112.   | L. S. | 12" connection to existing water main, including pressure testing and chlorination, in place complete.     | Lump Sum |          | \$ _____ |
| TOTAL – WATER SYSTEM<br>(Items 82 to 112, inclusive) |       |  |          |          | \$ _____ |

#### IRRIGATION WATER SYSTEM

|                              |     |   |              |          |          |
|------------------------------|-----|---|--------------|----------|----------|
| 113.                         | 277 | Cu. Yds., Unclassified excavation for water main, laterals and appurtenances, including backfill and pipe cushion, in place complete. | Per Cu. Yd.  | \$ _____ | \$ _____ |
| <u>PVC Pipe and Fittings</u> |     |   |              |          |          |
| 114.                         | 624 | Lin. Ft., 8" polyvinyl chloride purple colored pipe, Class "150," DR = 18, in place complete.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 115.                         | 1   | Each, 2-1/2" polyvinyl chloride service, Type E, lateral connection to R1 W8 and all appurtenances, in place complete.                | Each         | \$ _____ | \$ _____ |
| 116.                         | 1   | Each, 8" gate valve, Class 150, including anchor valve block, in place complete.  | Each         | \$ _____ | \$ _____ |
| 117.                         | 5   | Each, 8" polyvinyl chloride purple colored deflection coupling, Class "150," DR = 18, in place complete.                              | Each         | \$ _____ | \$ _____ |

|      |       |  |              |          |          |
|------|-------|--|--------------|----------|----------|
| 118. | 670   | Lbs., Ductile iron fittings, in place complete.  | Per Lb.      | \$ _____ | \$ _____ |
|      |       | The above weight is approximate and is based on the fittings listed below:<br>5 – 8” boss tee tapped for ¾” ball corp .....475#<br>1 – 8” boss tee tapped for 2-1/2” ball corp..... 95#<br>2 – 8” plug with 2-1/2” C.O. ....100# |              |          |          |
| 119. | 5     | Each, ¾” ARV, 150# W.P., including appurtenances, in place complete.   | Each         | \$ _____ | \$ _____ |
| 120. | 5     | Each, ARV box, including frame and cover and concrete base, in place complete.   | Each         | \$ _____ | \$ _____ |
| 121. | 2     | Each, 2-1/2” cleanout including appurtenances, in place complete.  | Each         | \$ _____ | \$ _____ |
| 122. | 1     | Each, Type III meter box, including cast iron frame and cover for “recycled water,” in place complete.   | Each         | \$ _____ | \$ _____ |
| 123. | 3     | Each, valve box including cast iron frame and cover for “recycled water”, pipe sleeve and concrete anchor pad, in place complete.  | Each         | \$ _____ | \$ _____ |
| 124. | 1     | Cu. Yd., Class “B” concrete including reinforcing steel wherever necessary for pipe bracing, reaction and test blocks, etc., in place complete.  | Per Cu. Yd.  | \$ _____ | \$ _____ |
| 125. | 160   | Lin. Ft., Reinforced concrete jacket, including 8” DIP, Class 52, fittings and appurtenances, in place complete.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 126. | L. S. | Electronic markers, including all necessary labor, material and equipment, in place complete.  | Each         | \$ _____ | \$ _____ |
|      |       | TOTAL – IRRIGATION WATER SYSTEM<br>(Items 113 to 126, inclusive)   |              |          | \$ _____ |

LANDSCAPE IMPROVEMENTS

|   |        |  |              |          |          |
|---|--------|--|--------------|----------|----------|
| 127.  | 54     | Each, Installation of 25 gallon rainbow shower tree (3" min. caliper, 10' height), in place complete.  | Each         | \$ _____ | \$ _____ |
| 128.  | 169    | Each, Installation of 3 gallon Hibiscus Hula Girl (18" o.c.), in place complete.                       | Each         | \$ _____ | \$ _____ |
| 129.  | 46,306 | Sq. Ft., Installation of common Bermuda grass (hydro seed), in place complete.                         | Per Sq. Ft.  | \$ _____ | \$ _____ |
| 130.  | 1,296  | Lin. Ft., Installation of root barrier (24" depth), in place complete.                                 | Per Lin. Ft. | \$ _____ | \$ _____ |
| 131.  | 46,539 | Sq. Ft., Installation of soil amendments, 2" overall depth, in place complete.                         | Per Sq. Ft.  | \$ _____ | \$ _____ |
| 132.  | 575.72 | Cu. Yds., Installation of 4" layer imported screened soil under all planting areas, in place complete. | Per Cu. Yd.  | \$ _____ | \$ _____ |
| 133.  | 2.02   | Cu. Yds., Installation of black cinder over filter fabric, 2" overall depth, in place complete.        | Per Cu. Yd.  | \$ _____ | \$ _____ |
| 134.  | 121    | Lin. Ft., Installation of plastic header, in place complete.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 135.  | 3      | Months, Formal landscape maintenance period, in place complete.  | Per Month    | \$ _____ | \$ _____ |
| TOTAL – LANDSCAPE IMPROVEMENTS<br>(Items 127 to 135, inclusive) |        |  |              |          | \$ _____ |



## EXTERIOR ELECTRICAL WORK

The prices bid herein for the following items shall include all labor, tools and equipment, materials except that to be supplied by the utility companies, appurtenances and incidentals necessary to install or to construct the following items in place and complete in accordance with the drawings and specifications and standard practices of Hawaiian Electric Co. (HECO), Sandwich Isles Communications, Inc. (SIC), the City and County of Honolulu Department of Design and Construction, and to the satisfaction of the DHHL.

|      |       |  |              |          |          |
|------|-------|--|--------------|----------|----------|
| 136. | 1,400 | Lin. Ft., Furnish and Install Two 2-Inch Concrete Encased HECO Conduits.<br>Work shall consist of excavation and providing 2" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled per HECO requirements, complete and in place.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 137. | 1,500 | Lin. Ft., Furnish and Install Three 2-Inch Concrete Encased HECO Conduits.<br>Work shall consist of excavation and providing 2" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled per HECO requirements, complete and in place. | Per Lin. Ft. | \$ _____ | \$ _____ |
| 138. | 950   | Lin. Ft., Furnish and Install Four 2-Inch Concrete Encased HECO Conduits.<br>Work shall consist of excavation and providing 2" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled per HECO requirements, complete and in place.  | Per Lin. Ft. | \$ _____ | \$ _____ |
| 139. | 30    | Lin. Ft., Furnish and Install Six 2-Inch Concrete Encased HECO Conduits.<br>Work shall consist of excavation and providing 2" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled per HECO requirements, complete and in place.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 140. | 50    | Lin. Ft., Furnish and Install One 3-Inch Concrete Encased HECO Conduit.<br>Work shall consist of excavation and providing 3" diameter conduit, with spacers, couplings, appurtenances, and concrete jacket, backfilled per HECO requirements, complete and in place.     | Per Lin. Ft. | \$ _____ | \$ _____ |

|      |       |   |              |          |          |
|------|-------|---|--------------|----------|----------|
| 141. | 10    | Lin. Ft., Furnish and Install Two 4-Inch Direct Buried HECO Conduits. Work shall consist of excavation and providing 4" diameter conduits, with spacers, couplings and appurtenances, backfilled per HECO requirements, complete and in place.                        | Per Lin. Ft. | \$ _____ | \$ _____ |
| 142. | 1,300 | Lin. Ft., Furnish and Install Two 4-Inch Concrete Encased HECO Conduits. Work shall consist of excavation and providing 4" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled per HECO requirements, complete and in place.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 143. | 1,000 | Lin. Ft., Furnish and Install Two 5-Inch Concrete Encased HECO Conduits. Work shall consist of excavation and providing 5" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled per HECO requirements, complete and in place.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 144. | 2,100 | Lin. Ft., Furnish and Install Four 5-Inch Concrete Encased HECO Conduits. Work shall consist of excavation and providing 5" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled per HECO requirements, complete and in place.  | Per Lin. Ft. | \$ _____ | \$ _____ |
| 145. | 360   | Lin. Ft., Furnish and Install Six 5-Inch Concrete Encased HECO Conduits. Work shall consist of excavation and providing 5" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled per HECO requirements, complete and in place.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 146. | 650   | Lin. Ft., Furnish and Install Eight 5-Inch Concrete Encased HECO Conduits. Work shall consist of excavation and providing 5" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled per HECO requirements, complete and in place. | Per Lin. Ft. | \$ _____ | \$ _____ |

|      |       |   |              |          |          |
|------|-------|---|--------------|----------|----------|
| 147. | 500   | Lin. Ft., Furnish and Install One 1-1/4" Direct Buried Street Light PVC Schedule 80 Type Conduit. Work shall consist of excavation and providing 1-1/4" diameter conduit, with spacers, couplings and appurtenances, backfilled as required, complete and in place.                 | Per Lin. Ft. | \$ _____ | \$ _____ |
| 148. | 250   | Lin. Ft., Furnish and Install One 1½" Concrete Encased Street Light PVC Schedule 40 Type Conduit. Work shall consist of excavation and providing 1½" diameter conduit, with spacers, couplings, appurtenances, and concrete jacket, backfilled as required, complete and in place.  | Per Lin. Ft. | \$ _____ | \$ _____ |
| 149. | 450   | Lin. Ft., Furnish and Install One 2" Concrete Encased Street Light PVC Schedule 40 Type Conduit. Work shall consist of excavation and providing 2" diameter conduit, with spacers, couplings, appurtenances, and concrete jacket, backfilled as required, complete and in place     | Per Lin. Ft. | \$ _____ | \$ _____ |
| 150. | 1,700 | Lin. Ft., Furnish and Install Two 2" Concrete Encased Street Light PVC Schedule 40 Type Conduits. Work shall consist of excavation and providing 2" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled as required, complete and in place.  | Per Lin. Ft. | \$ _____ | \$ _____ |
| 151. | 1,600 | Lin. Ft., Furnish and Install Three 2" Concrete Encased Street Light PVC Schedule 40 Type Conduits. Work shall consist of excavation and providing 2" diameter conduit, with spacers, couplings, appurtenances, and concrete jacket, backfilled as required, complete and in place. | Per Lin. Ft. | \$ _____ | \$ _____ |

|      |       |   |              |          |          |
|------|-------|---|--------------|----------|----------|
| 152. | 50    | Lin. Ft., Furnish and Install 3" Concrete Encased Street Light PVC Schedule 40 Type Conduit. Work shall consist of excavation and providing 3" diameter conduit, with spacers, couplings, appurtenances, and concrete jacket, backfilled as required, complete and in place.          | Per Lin. Ft. | \$ _____ | \$ _____ |
| 153. | 500   | Lin. Ft., Furnish and Install One 2" Concrete Encased Traffic Signal PVC Schedule 40 Type Conduit. Work shall consist of excavation and providing 2" diameter conduit, with spacers, couplings, appurtenances, and concrete jacket, backfilled as required, complete and in place.    | Per Lin. Ft. | \$ _____ | \$ _____ |
| 154. | 3,000 | Lin. Ft., Furnish and Install Two 2" Concrete Encased Traffic Signal PVC Schedule 40 Type Conduits. Work shall consist of excavation and providing 2" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled as required, complete and in place.  | Per Lin. Ft. | \$ _____ | \$ _____ |
| 155. | 50    | Lin. Ft., Furnish and Install Five 2" Concrete Encased Traffic Signal PVC Schedule 40 Type Conduits. Work shall consist of excavation and providing 2" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled as required, complete and in place. | Per Lin. Ft. | \$ _____ | \$ _____ |
| 156. | 1,200 | Lin. Ft., Furnish and Install Six 2" Concrete Encased Traffic Signal PVC Schedule 40 Type Conduits. Work shall consist of excavation and providing 2" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled as required, complete and in place.  | Per Lin. Ft. | \$ _____ | \$ _____ |

|      |    |  |              |                   |
|------|----|--|--------------|-------------------|
| 157. | 50 | Lin. Ft., Furnish and Install Two 3" Concrete Encased Traffic Signal PVC Schedule 40 Type Conduits. Work shall consist of excavation and providing 3" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled as required, complete and in place. |              |                   |
|      |    |  | Per Lin. Ft. | \$ _____ \$ _____ |
| 158. | 1  | Each, Furnish and Install 2' x 4' Reinforced Concrete Pullbox with precast concrete covers, provided in accordance with HECO standard drawing No. 30-2005, complete and in place.  |              |                   |
|      |    |  | Each         | \$ _____ \$ _____ |
| 159. | 8  | Each, Furnish and Install 6' x 11' Reinforced Concrete Manhole with traffic rated frame and cover, provided in accordance with HECO standard drawing No. 100726, complete and in place.  |              |                   |
|      |    |  | Each         | \$ _____ \$ _____ |
| 160. | 2  | Each, Furnish and Install 6' x 14' Reinforced Concrete Manhole with traffic rated frame and cover, provided in accordance with HECO standard drawing No. 100912, complete and in place.  |              |                   |
|      |    |  | Each         | \$ _____ \$ _____ |
| 161. | 35 | Each, Furnish and Install 2' x 4' Precast Concrete Pullbox (City - Street Light) with Armorcast polymer concrete covers, provided in accordance with the City and County of Honolulu Mechanical/Electrical Division Type "SLD-4" Standard, complete and in place.                    |              |                   |
|      |    |  | Each         | \$ _____ \$ _____ |
| 162. | 5  | Each, Furnish and Install Type "A" Precast Concrete Pullbox (City - Traffic Signal) with polymer concrete cover, provided in accordance with the City and County of Honolulu Dept. of Transportation Services Type "A" Standard Drawing, complete and in place.                      |              |                   |
|      |    |  | Each         | \$ _____ \$ _____ |

|      |    |  |      |          |          |
|------|----|--|------|----------|----------|
| 163. | 11 | Each, Furnish and Install Type "B" Precast Concrete Pullbox (City - Traffic Signal) with polymer concrete covers, provided in accordance with the City and County of Honolulu Dept. of Transportation Services Type "B" Standard Drawing, complete and in place.   | Each | \$ _____ | \$ _____ |
| 164. | 27 | Each, Furnish and Install Type "C" Precast Concrete Pullbox (City - Traffic Signal) with polymer concrete covers, provided in accordance with the City and County of Honolulu Dept. of Transportation Services Type "C" Standard Drawing, complete and in place.   | Each | \$ _____ | \$ _____ |
| 165. | 1  | Each, 6' x 7' Transformer Pad Lot. Work shall consist of reinforced concrete transformer pad and ground rod, provided as indicated on the drawings and in accordance with HECO standard drawing No. 30-5001 and 011249, complete and in place.   | Each | \$ _____ | \$ _____ |
| 166. | 2  | Each, 10' x 14' Switching Equipment Pad Lot. Work shall consist of reinforced concrete pad and ground rod, provided as indicated on the drawings and in accordance with HECO standard drawing No. 30-5040, complete and in place.  | Each | \$ _____ | \$ _____ |
| 167. | 1  | Each, Furnish and Install Street Light System Metering Equipment and Cabinet with concrete encased service conduits, reinforced concrete pad, ground rod, metering equipment, load center, wiring, receptacle, stainless steel enclosure, and accessories, provided as indicated on the drawings, complete and in place. | Each | \$ _____ | \$ _____ |

|      |       |   |              |          |          |
|------|-------|---|--------------|----------|----------|
| 168. | 5     | Each, Furnish and Install Street Lighting Standard (100W), Type II. Work shall consist of excavating, constructing reinforced concrete foundation, backfilling, and providing street lighting standard, luminaire and bracket arm in accordance with the City and County of Honolulu Mechanical/Electrical Division Standard and as indicated on the drawings, complete and in place.                     | Each         | \$ _____ | \$ _____ |
| 169. | 31    | Each, Furnish and Install Street Lighting Standard (150W), Type III. Work shall consist of excavating, constructing reinforced concrete foundation, backfilling, and providing street lighting standard, transformer base, luminaire and bracket arm in accordance with the City and County of Honolulu Mechanical/Electrical Division Standards and as indicated on the drawings, complete and in place. | Each         | \$ _____ | \$ _____ |
| 170. | 6,000 | Lin. Ft., Street Lighting Circuit(s) (Multiple System). Work shall consist of providing cables and accessories from street lighting standards to nearest HECO secondary cables, complete and in place.  | Per Lin. Ft. | \$ _____ | \$ _____ |

**TOTAL – EXTERIOR ELECTRICAL WORK**

(Items 136 to 170, inclusive)

\$ \_\_\_\_\_

**PART 2 - SANDWICH ISLES COMMUNICATIONS, INC. (SIC) WORK**

The prices bid herein for the following items shall include all labor, tools and equipment, materials except that to be supplied by SIC, appurtenances and incidentals necessary to install or to construct the following items in place and complete in accordance with the drawings and specifications and standard practices of SIC, the City and County of Honolulu Department of Design and Construction, and to the satisfaction of the DHHL.

|      |       |  |              |          |          |
|------|-------|--|--------------|----------|----------|
| 171. | 1,270 | Lin. Ft., Furnish and Install Two 4-Inch Direct Buried SIC Conduits - UD(2X1-4"). Work shall consist of excavation and providing 4" diameter conduits, with spacers, couplings, and appurtenances, backfilled per SIC requirements, complete and in place. | Per Lin. Ft. | \$ _____ | \$ _____ |
|------|-------|--|--------------|----------|----------|

|      |     |  |              |          |          |
|------|-----|--|--------------|----------|----------|
| 172. | 270 | Lin. Ft., Furnish and Install Two 4-Inch Concrete Encased SIC Conduits - UD(2X1-4")E. Work shall consist of excavation and providing 4" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled per SIC requirements, complete and in place.  | Per Lin. Ft. | \$ _____ | \$ _____ |
| 173. | 78  | Lin. Ft., Furnish and Install Four 4-Inch Concrete Encased SIC Conduits - UD(2X2-4")E. Work shall consist of excavation and providing 4" diameter conduits, with spacers, couplings, appurtenances, and concrete jacket, backfilled per SIC requirements, complete and in place.   | Per Lin. Ft. | \$ _____ | \$ _____ |
| 174. | 2   | Each, Furnish and Install 3'x 5' Type UH-35 Reinforced Concrete Handhole, with traffic rated frame and covers, and cable racks, provided in accordance with SIC standard requirements, complete and in place.  | Each         | \$ _____ | \$ _____ |
| 175. | 2   | Each, Furnish and Install Housing Ground Assembly Unit BM 2(5/8)(8), with copper clad ground rod, ground rod clamp and the required length of bare #6 AWG tinned copper ground wire connected to an auxiliary grounding connector within the housing, provided in accordance with SIC standard requirements, complete and in place.  | Each         | \$ _____ | \$ _____ |
| 176. | 1   | Each, Rearrangement of Existing Conduit(s) - W-UD. Provide labor and materials necessary to locate, expose and connect existing conduits to new conduits, complete and in place. All miscellaneous items and labor such as conduit sweeps, joints, etc. to make the conduit whole from manhole to manhole shall be included in this unit. All testing, rodding and cleaning of existing conduits per SIC specifications. | Each         | \$ _____ | \$ _____ |
|      |     | TOTAL – PART 2 SANDWICH ISLES COMMUNICATIONS, INC. (SIC) WORK (Items 171 to 176, inclusive)  |              |          | \$ _____ |



## **RECAPITULATION**

### **PART 1 – DHHL Work**

|  |          |
|--|----------|
| ROAD CONSTRUCTION (Items 1 to 30, inclusive)           | \$ _____ |
| DRAINAGE SYSTEM (Items 31 to 65, inclusive)            | \$ _____ |
| SEWER SYSTEM (Items 66 to 81, inclusive)               | \$ _____ |
| WATER SYSTEM (Items 82 to 112, inclusive)              | \$ _____ |
| IRRIGATION WATER SYSTEM (Items 113 to 126, inclusive)  | \$ _____ |
| LANDSCAPE IMPROVEMENTS (Items 127 to 135, inclusive)   | \$ _____ |
| EXTERIOR ELECTRICAL WORK (Items 136 to 170, inclusive) | \$ _____ |

### **PART 2 – SANDWICH ISLES COMMUNICATIONS, INC. (SIC) WORK (Items 171 to 176, inclusive)**

\$ \_\_\_\_\_

**TOTAL SUM BID (Part 1 + Part 2) =** \_\_\_\_\_

\_\_\_\_\_ Dollars (\$ \_\_\_\_\_).

**The prices herein for the above items shall include all materials, labor, tools, equipment, machinery and all incidentals necessary to install or to construct these items in place complete and in accordance with the plans and specifications contained in this IFB. Prices are exclusive of general excise tax (GET) for Part I (DHHL work), and inclusive of GET for Part II (SIC work).**

## HAWAII PRODUCTS PREFERENCE

Section 103D-1002, Hawaii Revised Statutes (HRS), as amended by Act 175 (Session Laws of Hawaii 2009), provides preference for Hawaii products. The previous Hawaii products list established pursuant to HRS §103D-1002 was suspended effective July 1, 2009, and a new list has been published by the State Procurement Office (SPO). DHHL will be supplementing the list with additional approved products for this solicitation.

Pursuant to HRS §103D-1002(b) (2) and Procurement Circular No. 2009-13, bidders intending to use Hawaii products should distribute the attached SPO-38, *Certification for Hawaii Product Preference*, to each of the manufacturers and producers of such products which bidders intend to use if the manufacturers and producers and their products are not listed on the SPO Hawaii Products List or in the DHHL's list below. The manufacturers and producers must complete and submit SPO-38 to DHHL. The form must be received by DHHL no later than **2:00 p.m., May 30, 2012**. Submittal by facsimile (808 620-9299) is acceptable. If DHHL receives and approves SPO-38s relating to this solicitation DHHL will issue an addendum listing the additional certified and qualified Hawaii products by **4:30 p.m., June 5, 2012**.

Bidders may claim a Hawaii product preference for products that it manufactures or produces with its own workforce and equipment. The SPO-38, *Certification for Hawaii Product Preference*, must be submitted in accordance with the procedures described above in order for Bidder to claim a Hawaii product preference for such Hawaii products Bidder intends to use in this work.

A partial list of approved products is provided below. The complete current list as compiled by the State Procurement Office is available at:

<http://www4.hawaii.gov/spoh/HiProducts/hiProducts.htm>

### Preferences, Hawaii Products

#### CONSTRUCTION PRODUCTS AND SOIL AMENDMENTS/PRODUCTS

| <b>Aggregates – Basaltic Termite Barrier</b>                           |                  |                |   |             |             |               |              |
|--|------------------|----------------|---|-------------|-------------|---------------|--------------|
| <b>Product Subcategory<br/>as applicable</b>                           | <b>Effective</b> | <b>Revised</b> | <b>Manufacturer</b>                                   | <b>Oahu</b> | <b>Maui</b> | <b>Hawaii</b> | <b>Kauai</b> |
|  | 11/03/09         |                | <a href="#">Ameron International Corporation</a>      | X           | X           |               |              |
| <b>Aggregates and Sand – Basalt, Rock, Cinder, Limestone and Coral</b> |                  |                |   |             |             |               |              |
| <b>Product Subcategory<br/>as applicable</b>                           | <b>Effective</b> | <b>Revised</b> | <b>Manufacturer</b>                                   | <b>Oahu</b> | <b>Maui</b> | <b>Hawaii</b> | <b>Kauai</b> |
|  | 11/03/09         |                | <a href="#">Ameron International Corporation</a>      | X           | X           |               |              |
|  | 10/23/09         |                | <a href="#">CTS Earthmoving, Inc.</a>                 |             |             | X             |              |
|  | 11/03/09         | 1/20/10        | <a href="#">Delta Construction Corporation</a>        | X           |             |               |              |
|  | 12/14/09         |                | <a href="#">Edwin Deluz Trucking &amp; Gravel LLC</a> |             |             | X             |              |

|  |          |          |  |   |   |   |   |
|--|----------|----------|--|---|---|---|---|
|  | 01/28/10 |          | <a href="#">Goodfellow Bros., Inc.</a>         | X |   |   |   |
|  | 11/02/09 |          | <a href="#">Grace Pacific</a>                  | X |   | X | X |
|  | 4/26/11  |          | <a href="#">GW Construction</a>                |   |   | X |   |
|  | 11/03/09 |          | <a href="#">Hawaiian Cement</a>                | X | X |   |   |
|  | 12/15/09 |          | <a href="#">Jas. W. Glover, Ltd.</a>           |   |   | X | X |
|  | 06/30/10 |          | <a href="#">Kauai Aggregates</a>               |   |   |   | X |
|  | 10/20/09 | 07/22/10 | <a href="#">Sanford's Service Center, Inc.</a> |   |   | X |   |
|  | 11/05/09 |          | <a href="#">Tileco, Inc.</a>                   | X | X | X | X |
|  | 11/03/09 |          | <a href="#">West Hawaii Concrete</a>           |   |   | X |   |
|  | 11/02/09 |          | <a href="#">Yamada and Sons, Inc.</a>          |   |   | X |   |

### Aggregates – Recycled Asphalt and Concrete

| Product Subcategory as applicable | Effective | Revised | Manufacturer                                 | Oahu | Maui | Hawaii | Kauai |
|-----------------------------------|-----------|---------|--|------|------|--------|-------|
|                                   | 12/15/09  |         | <a href="#">Glover Honsador</a>              |      |      |        | X     |
|                                   | 11/02/09  |         | <a href="#">Grace Pacific</a>                | X    |      |        |       |
|                                   | 12/15/09  |         | <a href="#">Jas. W. Glover, Ltd.</a>         | X    |      | X      |       |
|                                   | 10/18/10  |         | <a href="#">West Oahu Aggregate Co. Inc.</a> | X    |      |        |       |

### Asphalt and Paving Materials - HI Products

| Product Subcategory as applicable | Effective | Revised  | Manufacturer   | Oahu | Maui | Hawaii | Kauai |
|-----------------------------------|-----------|----------|--|------|------|--------|-------|
|                                   | 06/15/10  |          | <a href="#">Black Maui Rose LLC</a>  |      | X    |        |       |
|                                   | 12/22/09  |          | <a href="#">Black Plumeria LLC</a>   | X    |      |        |       |
|                                   | 10/21/09  | 11/02/09 | <a href="#">Grace Pacific Corporation</a>                                  | X    |      | X      | X     |
|                                   | 12/05/09  |          | <a href="#">Jas. W. Glover, Ltd.</a>                                       |      |      | X      | X     |
|                                   | 11/03/11  |          | <a href="#">Maui Asphalt X-IV, LLC</a>                                     |      | X    |        |       |
|                                   | 10/28/09  |          | <a href="#">Maui Paving LLC</a>  |      | X    |        |       |
|                                   | 11/20/09  |          | <a href="#">Walker-Moody Pavement Products and Equipment</a>               | X    | X    | X      | X     |
|                                   | 11/22/09  |          | <a href="#">Yamada and Sons, Inc.</a><br>dba YS Rock and Con-Agg of Hawaii |      |      | X      |       |

### Cement and Concrete Products

| Product Subcategory as applicable | Effective Date | Last Revised Date | Manufacturer                                     | Oahu | Maui | Hawaii | Kauai |
|-----------------------------------|----------------|-------------------|--|------|------|--------|-------|
|                                   | 11/03/09       |                   | <a href="#">Ameron International Corporation</a> | X    |      |        |       |
|                                   | 01/19/10       |                   | <a href="#">BOMAT, Ltd.</a>                      | X    | X    | X      | X     |
|                                   | 12/15/09       |                   | <a href="#">Glover Honsador</a>                  |      |      |        | X     |
|                                   | 11/03/09       |                   | <a href="#">Hawaiian Cement</a>                  | X    | X    |        |       |

|   | 12/15/09              |                     | <a href="#">Jas. W. Glover, Ltd.</a>                         |      |      | X      | X     |
|---|-----------------------|---------------------|--|------|------|--------|-------|
|   | 12/15/09              |                     | <a href="#">Kohala Coast Concrete &amp; Precast LLC</a>      |      |      | X      |       |
|   | 06/30/10              |                     | <a href="#">O. Thronas, Inc.</a>                             |      |      |        | X     |
|   | 11/05/09              |                     | <a href="#">Tileco, Inc.</a>                                 | X    | X    | X      | X     |
|   | 11/03/09              |                     | <a href="#">West Hawaii Concrete</a>                         |      |      | X      |       |
| <b>Precast Concrete Products</b>  |                       |                     |  |      |      |        |       |
| <b>Product Subcategory<br/>as applicable</b>  | <b>Effective Date</b> | <b>Revised Date</b> | <b>Manufacturer</b>  | Oahu | Maui | Hawaii | Kauai |
|   | 7/12/10               |                     | <a href="#">Aloha Precast, Inc.</a>                          | X    | X    | X      | X     |
|   | 11/03/09              | 04/15/10            | <a href="#">Ameron International Corporation</a>             | X    |      |        |       |
|   | 08/02/10              |                     | <a href="#">GPRM Prestress, LLC</a>                          | X    | X    | X      | X     |
|   | 11/03/09              |                     | <a href="#">Hawaii Concrete Products, Inc.</a>               | X    |      |        |       |
|   | 12/15/09              |                     | <a href="#">Kohala Coast Concrete &amp; Precast LLC</a>      |      |      | X      |       |
|   | 11/03/09              |                     | <a href="#">Ramtek Fabrication Co., Inc.</a>                 | X    | X    | X      | X     |
|   | 06/30/10              | 02/26/10            | <a href="#">Walker Industries, Ltd.</a>                      | X    | X    | X      | X     |
| <b>Environmental Sewage-Treatment Innovative System (ESIS) Individual Wastewater System which utilizes anaerobic/aerobic processing to treat wastewater to R-2 quality at discharge</b> |                       |                     |  |      |      |        |       |
| <b>Product Subcategory<br/>as applicable</b>  | <b>Effective Date</b> | <b>Revised Date</b> | <b>Manufacturer</b>  | Oahu | Maui | Hawaii | Kauai |
|   | 11/20/09              |                     | <a href="#">Environmental Waste Management Systems, Inc.</a> | X    | X    | X      | X     |
| <b>Septic Tanks</b>   | 11/03/09              |                     | <a href="#">Ameron International Corporation</a>             | X    |      |        |       |
|   | 11/05/09              | 02/26/10            | <a href="#">Walker Industries, Ltd.</a>                      | X    | X    | X      | X     |
| <b>Hot Dip Galvanizing</b>  |                       |                     |  |      |      |        |       |
| <b>Product Subcategory<br/>as applicable</b>  | <b>Effective Date</b> | <b>Revised Date</b> | <b>Manufacturer</b>  | Oahu | Maui | Hawaii | Kauai |
|   | 03/03/10              |                     | <a href="#">Universal Associates, Inc.</a>                   | X    |      |        |       |
| <b>Pipes-Aluminum and Galvanized</b>  |                       |                     |  |      |      |        |       |
| <b>Product Subcategory<br/>as applicable</b>  | <b>Effective Date</b> | <b>Revised Date</b> | <b>Manufacturer</b>  | Oahu | Maui | Hawaii | Kauai |
| <b>Pipes-Miscellaneous</b>  | 11/03/09              |                     | <a href="#">Ameron International Corporation</a>             | X    |      |        |       |

| <b>Aluminum Docks, Floating, etc. - Miscellaneous</b> |                       |                     |   |      |      |        |       |
|---|-----------------------|---------------------|---|------|------|--------|-------|
| <b>Product Subcategory<br/>as applicable</b>          | <b>Effective</b>      | <b>Revised</b>      | <b>Manufacturer</b>   | Oahu | Maui | Hawaii | Kauai |
|   | 05/25/10              | 06/14/10            | <a href="#">Bluewater Marine and Dock Specialties</a>       | X    | X    | X      | X     |
| <b>Playground Surfaces</b>                            |                       |                     |   |      |      |        |       |
| <b>Product Subcategory<br/>as applicable</b>          | <b>Effective</b>      | <b>Revised</b>      | <b>Manufacturer</b>   | Oahu | Maui | Hawaii | Kauai |
|   | 01/07/10              |                     | <a href="#">Innovative Playgrounds and Recreation, Inc.</a> | X    | X    | X      | X     |
| <b>Signs - Traffic, Regulatory and Construction</b>   |                       |                     |   |      |      |        |       |
| <b>Product Subcategory<br/>as applicable</b>          | <b>Effective</b>      | <b>Revised</b>      | <b>Manufacturer</b>   | Oahu | Maui | Hawaii | Kauai |
|   | 12/14/09              |                     | <a href="#">GP Roadway Solutions, Inc.</a>                  | X    | X    | X      | X     |
|   | 11/20/09              |                     | Safety Systems Hawaii, Inc.                                 | X    | X    | X      | X     |
| <b>Veneer</b>   |                       |                     |   |      |      |        |       |
| <b>Product Subcategory<br/>as applicable</b>          | <b>Effective</b>      | <b>Revised</b>      | <b>Manufacturer</b>   | Oahu | Maui | Hawaii | Kauai |
|   | 11/14/11              |                     | <a href="#">Big Rock Manufacturing</a>                      | x    | x    | x      | x     |
| <b>Soil Amendments, Mulch, Compost</b>                |                       |                     |   |      |      |        |       |
| <b>Product Subcategory<br/>as applicable</b>          | <b>Effective Date</b> | <b>Revised Date</b> | <b>Manufacturer</b>   | Oahu | Maui | Hawaii | Kauai |
|   | 10/16/09              |                     | <a href="#">Kauai Nursery &amp; Landscaping, Inc.</a>       | X    | X    | X      | X     |
|   | 10/20/09              |                     | <a href="#">Sanford's Service Center, Inc.</a>              |      |      | X      |       |
| <b>Compost Filter</b>                                 |                       |                     |   |      |      |        |       |
| <b>Product Subcategory<br/>as applicable</b>          | <b>Effective Date</b> | <b>Revised Date</b> | <b>Manufacturer</b>   | Oahu | Maui | Hawaii | Kauai |
|   | 01/25/10              |                     | <a href="#">EnviroTech BioSolutions Hawaii, Inc.</a>        | X    | X    | X      | X     |
|   | 6/02/11               |                     | <a href="#">Certified Erosion Control Hawaii LLC</a>        | X    | X    | X      | X     |

| DESIGNATION OF HAWAII PRODUCTS TO BE USED |              |  |
|---|--------------|--|
| Description                               | Manufacturer | Cost FOB Jobsite, Unloaded<br>Including Applicable General<br>Excise and Use Taxes |
|   |              | \$ _____   |
|   |              | \$ _____   |
|   |              | \$ _____   |
|   |              | \$ _____   |
|   |              | \$ _____   |
|   |              | \$ _____   |
|   |              | \$ _____   |
|   |              | \$ _____   |
|   |              | \$ _____   |
|   |              | \$ _____   |
|   |              | \$ _____   |

(Add additional sheets if necessary)

The Bidder agrees that preference for Hawaii products shall be taken into consideration to determine the low Bidder in accordance with said sections and the rules promulgated; however, the award of contract will be in the amount of the bid offered exclusive of any preferences.

It is further understood by the Bidder that if upon being granted Hawaii Products, and being awarded the contract, if the Bidder fails to use such products or meet the requirements of such preference, the Bidder shall be subject to penalties, if applicable.

## APPRENTICESHIP AGREEMENT PREFERENCE

Hawaii Revised Statutes §103-55.6 (ACT 17, SLH 2009) provides for a Hawai'i Apprenticeship Preference for public works contracts having an estimated value of \$250,000.00 or more. The preference shall be in the form of a 5% bid adjustment applied to the bidder's amount for bidders that are parties to apprenticeship agreements. The estimated value of this public works contract is \$250,000 or more and the apprenticeship agreement preference **shall** apply.

To be eligible for the preference, the bidder shall:

1. Be a party to an apprenticeship agreement registered with the DLIR at the time the bid is made for each apprenticeable trade the bidder will employ to construct the public works project for which the bid is being made.
  - a. The apprenticeship agreement shall be registered and conform to the requirements of HRS Chapter 372.
  - b. Subcontractors do not have to be a party to an apprenticeship agreement for the bidder to obtain the preference.
  - c. The bidder is not required to have apprentices in its employ at the time the bid is submitted to qualify for the preference.
2. For each trade to be employed to perform the work, the bidder shall submit a completed signed original *CERTIFICATION OF BIDDER'S PARTICIPATION IN APPROVED APPRENTICESHIP PROGRAM UNDER ACT 17 (Certification Form 1)* verifying the participation in an apprenticeship program registered with the State Department of Labor and Industrial Relations (DLIR);
3. The *Certification Form 1* shall be authorized by an apprenticeship sponsor of the DLIR list of registered apprenticeship programs. The authorization shall be an original signature by an authorized official of the apprenticeship sponsor; and
4. The completed *Certification Form 1* for each trade must be submitted by the bidder with the offer. A facsimile or copy is acceptable to be submitted with the offer; however, the completed **signed original** must be submitted within five (5) working days of the due date of the offer. If the signed original is not received within this timeframe, the preference may be denied. Previous certifications shall not apply.

Failure to comply with ALL of the conditions noted above, without exception, shall disqualify the Bidder from qualifying for, and thus receiving, benefit of the Hawai'i Apprenticeship Preference.

The *Certification Form 1* and the List of Construction Trades in Registered Apprenticeship Programs is available on the DLIR website at: <http://hawaii.gov/labor/wdd>

Upon receiving *Certification Form 1*, the DHHL will verify with DLIR that the apprenticeship program is on the list of apprenticeship programs registered with the DLIR. If the program(s) are not confirmed by the DLIR, the bidder will not qualify for the preference.

If the bidder is certified to participate in an apprenticeship program for each trade which will be employed by the bidder for the project, a preference will be applied to decrease the bidder's total bid amount by five per cent (5%) for evaluation purposes.

Should the bidder qualify for other preferences (for example, Hawaii Products Preference), all applicable preferences shall be applied to the bid amount.

While preference for Hawai'i Apprenticeship will be taken into consideration to determine the low bidder, the contract awarded shall be the original bid amount, exclusive of any preferences. The preference is only for evaluation purposes.



**ALL JOINT CONTRACTORS OR SUBCONTRACTORS TO BE ENGAGED ON THIS PROJECT**

The Bidder certifies that the following is a complete listing of all joint Contractors or Subcontractors covered under Chapter 444, Hawaii Revised Statutes, who will be engaged by the Bidder on this project to perform the nature and scope of work indicated pursuant to Section 103D-302, Hawaii Revised Statutes, and understands that failure to comply with this requirement shall be just cause for rejection of the bid.

The Bidder further understands that only those joint Contractors or Subcontractors listed shall be allowed to perform work on this project and that all other work necessary shall be performed by the Bidder with his own employees. If no joint Contractor or Subcontractor is listed, it shall be construed that all of the work shall be performed by the Bidder with his own employees.

The Bidders must be sure that they possess and that the Subcontractors listed in the bid possess all the necessary licenses needed to perform the work for this project. The bidder shall be solely responsible for assuring that all the specialty licenses required to perform the work are covered in his bid.

The Bidder shall include the license number of the joint Contractors or Subcontractors listed below. Failure to provide the correct names and license numbers as registered with the Contractor's Licensing Board may cause rejection of the bid submitted.

| Complete Firm Name of Joint Contractor or Subcontractor for Total Sum Bid | License Number | Nature and Scope of Work to be Performed |
|---|----------------|--|
|   |                |  |
|   |                |  |
|   |                |  |
|   |                |  |
|   |                |  |
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|   |                |  |
|   |                |  |
|   |                |  |
|   |                |  |
|   |                |  |

(Add additional sheets if necessary)

## METHOD OF AWARD

Bidder is required to bid on entire project, including Part 2, the Sandwich Isles Communications, Inc. (SIC) portion of the work. The award of contract will be made on the basis of the lowest responsible and responsive bid for the total of Part 1 and Part 2. The low bidder shall be determined by the procedures outlined in items 1) through 4) below:

- 1) Prior to opening of bids, the State will determine the amount of funds available for the project. This amount will be designated the "control amount". The control amount shall be announced at, and prior to the opening of bids.
- 2) The Base Bid and Alternate, if any, of each Bidder will be adjusted to reflect the applicable preferences in accordance with Chapter 103D, HRS. The Alternate, if any, will then be added to the Base Bid and compared with the control amount.
- 3) The low bidder shall be the Bidder having the lowest aggregate amount, within the control amount (after application of the various preferences), for the Base Bid plus the Alternate, if any.
- 4) If adding the Alternate, if any, would make the aggregate amount exceed the control amount for all Bidders, the low bidder shall be the Bidder having the lowest Base Bid after application of the various preferences.

It is further understood and agreed that:

- 1) The Chairman reserves the right to reject any and/or all bids and waive any defects when, in his opinion, such rejection or waiver will be in the best interest of the State.
- 2) After determining the low bidder, an award may be made either on the amount of the Base Bid alone, or including the Alternate (exclusive of preferences), if:
  - a. It is in the best interest of the State;
  - b. Funds are available at time of the award; and
  - c. The combination of the Base Bid plus Alternate does not change the apparent low bidder.
- 3) In the event the Base Bid for all Bidders exceed the control amount, the Chairman reserves the right to negotiate with the lowest responsible and responsive bidder to award a contract within available funds.
- 4) In the event the award is made for the Base Bid alone, the Chairman reserves the right to amend the contract at a later date to include the Alternate should funds subsequently become available.

## OTHER CONDITIONS

- 1) The liquidated damages per working day for failure to complete the work on time have been determined and are noted in the Special Conditions.

- 2) By submitting this bid, the undersigned is declaring that his firm has not been assisted or represented on this matter by an individual who has, in a State capacity, been involved in the subject matter of this contract in the past one (1) year.
- 3) By submitting this bid, the undersigned is declaring that Bidder's own organization will perform at least 20% of the total contract work.
- 4) Upon the acceptance of the bid by the Chairman, the undersigned must enter into and execute a contract for the same and furnish a Performance and Payment Bond, as required by law. These bonds shall conform to the provisions of Sections 103D-324 and 325, Hawaii Revised Statutes, and any law applicable thereto.
- 5) The quantities given herewith are approximate only and are subject to increase or decrease.
- 6) The estimated quantities shown for items for which a UNIT PRICE is asked in this bid are only for the purpose of comparing on a uniform basis bids offered for the work under this contract. No claim shall be filed for anticipated profit or loss because of any difference between the quantities of the various classes of work done or the materials and equipment actually installed and the said estimated quantities. Payment on UNIT PRICE items will be made only for the actual number of units incorporated into the finished project at the contract UNIT PRICE.
- 7) If the product of the UNIT PRICE BID and the number of units does not equal the total amount stated by the undersigned in the Bid for any item, it will be assumed that the error was made in computing the total amount. For the purpose of determining the lowest Bidder, the stated UNIT PRICE alone will be considered as representing the Bidder's intention and the total amount bid on such items shall be considered to be the amount arrived at by multiplying the UNIT PRICE by the number of units.
- 8) Certification for Safety and Health Programs for Bids in Excess of \$100,000. In accordance with Sections 103D-327 and 396-18, Hawaii Revised Statutes, by submitting this bid, the undersigned certifies that his firm will have a written Safety and Health Plan for this project that will be available and implemented by the Notice to Proceed date of this project. Details of the requirements of this plan may be obtained from the Department of Labor and Industrial Relations, Occupational, Safety and Health Division.
- 9) Anti-Collusion Certification. By submitting this bid, the undersigned is declaring that the price submitted is independently arrived at without collusion.
- 10) Any contract arising out of this offer is subject to the approval of the Department of the Attorney General as to form, and to all further approvals, including the approval of the Governor, required by statute, regulation, rule, order, or other directive.
- 11) Compliance with Hawaii Revised Statutes (HRS) Chapter 103B as amended by Act 192, SLH 2011 - Employment of State Residents on Construction Procurement Contracts. – See Special Conditions #17 (SC-17) – Attachment – S5 AG-015 for provisions.

Receipt of the following addenda issued by the Department is acknowledged by the date(s) of receipt indicated below:

|                | <u>Date</u> |                | <u>Date</u> |
|----------------|-------------|----------------|-------------|
| Addendum No. 1 | _____       | Addendum No. 5 | _____       |
| Addendum No. 2 | _____       | Addendum No. 6 | _____       |
| Addendum No. 3 | _____       | Addendum No. 7 | _____       |
| Addendum No. 4 | _____       | Addendum No. 8 | _____       |

It is understood that failure to receive any such addendum shall not relieve the Contractor from any obligation under this IFB as submitted.

Bid Security in the amount of: \_\_\_\_\_  
\_\_\_\_\_ DOLLARS (\$\_\_\_\_\_)

as required by law, is enclosed herewith in the form of:

|  |   |
|--|---|
| <input type="checkbox"/> Surety Bond (*1)            | <input type="checkbox"/> Official Check (*3)    |
| <input type="checkbox"/> Legal Tender (*2)           | <input type="checkbox"/> Share Certificate (*3) |
| <input type="checkbox"/> Cashier's Check (*3)        | <input type="checkbox"/> Teller's Check (*3)    |
| <input type="checkbox"/> Certificate of Deposit (*3) | <input type="checkbox"/> Treasurer's Check (*3) |
| <input type="checkbox"/> Certified Check (*3)        |   |

Respectfully submitted,

\_\_\_\_\_  
Name of Company, Joint Venture or Partnership

\_\_\_\_\_  
License No.

By \_\_\_\_\_  
Signature (\*4)

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_  
Telephone No.: \_\_\_\_\_

(IF A CORPORATION, AFFIX CORPORATE SEAL TO SIGNATURE, BE SURE TO FILL IN ATTACHED LIST OF SUBCONTRACTORS. THIS BID FORM MAY NOT BE ALTERED AND BIDDERS MAY NOT QUALIFY OR CONDITION THEIR BIDS IN ANY WAY.)

PLEASE FILL OUT THE ATTACHED CERTIFICATE OF RESOLUTION GIVING EVIDENCE OF THE AUTHORITY OF THIS OFFICER TO SUBMIT BIDS ON BEHALF OF THE COMPANY.

NOTES:

- \*1. Surety bond underwritten by a company licensed to issue bonds in this State;
- \*2. Legal tender; or
- \*3. A certificate of deposit; share certificate; or cashier's, treasurer's, teller's, or official check accepted by, and payable on demand to the State by a bank, a savings institution, or credit union insured by the Federal Deposit Insurance Corporation of the National Credit Union Administration.
  - A. These instruments may be utilized only to a maximum of \$100,000.
  - B. If the required security or bond amount totals over \$100,000, more than one instrument not exceeding \$100,000 each and issued by different financial institutions shall be accepted.
- \*4. Please attach to this page evidence of the authority of this officer to submit bids on behalf of the Company, and also the names and residence addresses of all officers of the Company.
- \*5. Fill in all blank spaces with information asked for or bid may be invalidated. BID MUST BE INTACT; MISSING PAGES MAY INVALIDATE YOUR BID.

## CERTIFICATE OF RESOLUTION

I, \_\_\_\_\_, Secretary of \_\_\_\_\_, a Hawaii Corporation, do hereby certify that the following is a full, true and correct copy of a resolution duly adopted by the Board of Directors of said Corporation, at its meeting duly called and held at the office of the Corporation \_\_\_\_\_, Hawaii, on \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, at which a quorum was present and acting throughout; and that said resolution has not been modified, amended or rescinded and continues in full force and effect.

“RESOLVED that any individual(s) at the time holding the position(s) of \_\_\_\_\_, be, and each of them hereby is, authorized to execute on behalf of the Corporation any bid, proposal or contract for the sale or rental of the products of the Corporation or for the services to be performed by the Corporation and to execute any bond required by any such bid, proposal or contract with the United States Government or the State of Hawaii or the City and County of Honolulu, or any County of Municipal Government of said State, or any department or subdivision of any of them.”

IN WITNESS THEREOF, I have hereunto set my hand and affixed the corporate seal of said \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Secretary

END OF BID