

# TABULATION OF BIDS

| PROJECT: FARRINGTON HIGHWAY<br>REPLACEMENT OF MAIPALAOA BRIDGE<br><br>FEDERAL AID PROJECT NO. BR-093-1(21)      Net Length of Project: 0.19 Miles<br><br>ISLAND: OAHU      DISTRICT: WAIANAE      TYPE CODE: 04, 11, 43<br><br>DATE ADVERTISED: Internet Posting - October 7, 2015<br><br>BIDS OPENED: November 12, 2015<br><br>COMPLETION TIME: 604 WORKING DAYS |                                |                     |                       |           | PERFORMANCE SYSTEMS<br>INC.                                                        |               | DELTA CONSTRUCTION<br>CORPORATION |               | HAWAIIAN DREDGING<br>CONSTRUCTION<br>COMPANY, INC. |                 | STATE OF HAWAII<br>DEPARTMENT OF<br>TRANSPORTATION<br>HIGHWAYS DIVISION |               |
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|                                                                                                                                                                                                                                                                                                                                                                   |                                |                     |                       |           | ** NOTE:<br>Quantities<br>shown in this<br>column are for<br>in-house use<br>only. |               |                                   |               |                                                    |                 |                                                                         |               |
| ITEM NO.                                                                                                                                                                                                                                                                                                                                                          | ITEM                           | APPROX.<br>QUANTITY | **APPROX.<br>QUANTITY | UNIT USED | UNIT PRICE                                                                         | AMOUNT        | UNIT PRICE                        | AMOUNT        | UNIT PRICE                                         | AMOUNT          | UNIT PRICE                                                              | AMOUNT        |
| 201.0100                                                                                                                                                                                                                                                                                                                                                          | Clearing and Grubbing          | L.S.                | 43,000 SF             | L.S.      | L.S.                                                                               | \$ 35,000.00  | L.S.                              | \$ 9,000.00   | L.S.                                               | \$ 30,000.00    | L.S.                                                                    | \$ 16,000.00  |
| 202.0100                                                                                                                                                                                                                                                                                                                                                          | Removal of Signs and Posts     | L.S.                | 1EA                   | L.S.      | L.S.                                                                               | \$ 1,000.00   | L.S.                              | \$ 1,500.00   | L.S.                                               | \$ 1,000.00     | L.S.                                                                    | \$ 310.00     |
| 202.0200                                                                                                                                                                                                                                                                                                                                                          | Removal of Guardrails          | L.S.                | 426 LF                | L.S.      | L.S.                                                                               | \$ 42,000.00  | L.S.                              | \$ 13,500.00  | L.S.                                               | \$ 15,000.00    | L.S.                                                                    | \$ 13,100.00  |
| 202.0300                                                                                                                                                                                                                                                                                                                                                          | Removal of Drainage Structures | L.S.                | 1 LS                  | L.S.      | L.S.                                                                               | \$ 5,000.00   | L.S.                              | \$ 57,000.00  | L.S.                                               | \$ 30,000.00    | L.S.                                                                    | \$ 63,000.00  |
| 202.0400                                                                                                                                                                                                                                                                                                                                                          | Removal of Traffic Sensors     | L.S.                | 7 EA                  | L.S.      | L.S.                                                                               | \$ 5,000.00   | L.S.                              | \$ 2,700.00   | L.S.                                               | \$ 5,000.00     | L.S.                                                                    | \$ 1,450.00   |
| 202.0500                                                                                                                                                                                                                                                                                                                                                          | Removal of Ramps               | L.S.                | 2 EA                  | L.S.      | L.S.                                                                               | \$ 25,000.00  | L.S.                              | \$ 4,900.00   | L.S.                                               | \$ 2,000.00     | L.S.                                                                    | \$ 1,025.00   |
| 202.0600                                                                                                                                                                                                                                                                                                                                                          | Removal of Pilings             | L.S.                | 4 EA                  | L.S.      | L.S.                                                                               | \$ 190,000.00 | L.S.                              | \$ 46,000.00  | L.S.                                               | \$ 2,000.00     | L.S.                                                                    | \$ 4,100.00   |
| 202.0700                                                                                                                                                                                                                                                                                                                                                          | Removal of AC Curbs            | L.S.                | 150 LF                | L.S.      | L.S.                                                                               | \$ 2,000.00   | L.S.                              | \$ 4,000.00   | L.S.                                               | \$ 2,000.00     | L.S.                                                                    | \$ 770.00     |
| 202.0800                                                                                                                                                                                                                                                                                                                                                          | Removal of Wall & CRM Wall     | L.S.                | 142 LF                | L.S.      | L.S.                                                                               | \$ 50,000.00  | L.S.                              | \$ 14,000.00  | L.S.                                               | \$ 60,000.00    | L.S.                                                                    | \$ 16,100.00  |
| 202.0900                                                                                                                                                                                                                                                                                                                                                          | Removal of Chain Link Fence    | L.S.                | 30 LF                 | L.S.      | L.S.                                                                               | \$ 1,500.00   | L.S.                              | \$ 3,200.00   | L.S.                                               | \$ 3,000.00     | L.S.                                                                    | \$ 140.00     |
| 202.1000                                                                                                                                                                                                                                                                                                                                                          | Removal of Existing Bridge     | L.S.                | 6,476 SF              | L.S.      | L.S.                                                                               | \$ 525,000.00 | L.S.                              | \$ 478,000.00 | L.S.                                               | \$ 1,696,689.00 | L.S.                                                                    | \$ 655,600.00 |
| 202.2000                                                                                                                                                                                                                                                                                                                                                          | Removal of Existing Waterline  | L.S.                | LS                    | L.S.      | L.S.                                                                               | \$ 11,000.00  | L.S.                              | \$ 37,000.00  | L.S.                                               | \$ 30,000.00    | L.S.                                                                    | \$ 31,259.00  |
| 203.0100                                                                                                                                                                                                                                                                                                                                                          | Roadway Excavation             | 1125                | 1125 CY               | C.Y.      | \$ 98.00                                                                           | \$ 110,250.00 | \$ 29.00                          | \$ 32,625.00  | \$ 110.00                                          | \$ 123,750.00   | \$ 230.00                                                               | \$ 258,750.00 |
| 204.0100                                                                                                                                                                                                                                                                                                                                                          | Trench Backfill for Waterlines | L.S.                | 85 CY                 | L.S.      | L.S.                                                                               | \$ 17,000.00  | L.S.                              | \$ 22,200.00  | L.S.                                               | \$ 5,000.00     | L.S.                                                                    | \$ 11,325.00  |

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| PROJECT: FARRINGTON HIGHWAY<br>REPLACEMENT OF MAIPALAOA BRIDGE<br><br>FEDERAL AID PROJECT NO. BR-093-1(21)      Net Length of Project: 0.19 Miles<br><br>ISLAND: OAHU      DISTRICT: WAIANAE      TYPE CODE: 04, 11, 43<br><br>DATE ADVERTISED: Internet Posting - October 7, 2015<br><br>BIDS OPENED: November 12, 2015<br><br>COMPLETION TIME: 604 WORKING DAYS |                                                                      |                     |                       |           | PERFORMANCE SYSTEMS<br>INC. |               | DELTA CONSTRUCTION<br>CORPORATION |                 | HAWAIIAN DREDGING<br>CONSTRUCTION<br>COMPANY, INC. |                 | STATE OF HAWAII<br>DEPARTMENT OF<br>TRANSPORTATION<br>HIGHWAYS DIVISION |               |
| ITEM NO.                                                                                                                                                                                                                                                                                                                                                          | ITEM                                                                 | APPROX.<br>QUANTITY | **APPROX.<br>QUANTITY | UNIT USED | UNIT PRICE                  | AMOUNT        | UNIT PRICE                        | AMOUNT          | UNIT PRICE                                         | AMOUNT          | UNIT PRICE                                                              | AMOUNT        |
| 204.0200                                                                                                                                                                                                                                                                                                                                                          | Trench Excavation for Waterlines                                     | L.S.                | 110 CY                | L.S.      | L.S.                        | \$ 14,000.00  | L.S.                              | \$ 8,700.00     | L.S.                                               | \$ 100,000.00   | L.S.                                                                    | \$ 12,402.00  |
| 205.0510                                                                                                                                                                                                                                                                                                                                                          | Structure Excavation for Abutment, Wingwall, and Retaining Walls     | L.S.                | 984 CY                | L.S.      | L.S.                        | \$ 944,000.00 | L.S.                              | \$ 1,500,000.00 | L.S.                                               | \$ 1,400,000.00 | L.S.                                                                    | \$ 142,273.00 |
| 205.0520                                                                                                                                                                                                                                                                                                                                                          | Structure Backfill for Abutment, Wingwall, and Retaining Walls       | L.S.                | 580 CY                | L.S.      | L.S.                        | \$ 147,000.00 | L.S.                              | \$ 277,100.00   | L.S.                                               | \$ 140,000.00   | L.S.                                                                    | \$ 63,524.00  |
| 206.0100                                                                                                                                                                                                                                                                                                                                                          | Excavation of Culverts and Drainage Structures                       | L.S.                | 375 CY                | L.S.      | L.S.                        | \$ 84,000.00  | L.S.                              | \$ 30,000.00    | L.S.                                               | \$ 140,000.00   | L.S.                                                                    | \$ 56,250.00  |
| 207.0100                                                                                                                                                                                                                                                                                                                                                          | Ditch and Channel Excavation                                         | 45                  | 45 CY                 | C.Y.      | \$ 72.50                    | \$ 3,262.50   | \$ 245.00                         | \$ 11,025.00    | \$ 300.00                                          | \$ 13,500.00    | \$ 150.00                                                               | \$ 6,750.00   |
| 209.0100                                                                                                                                                                                                                                                                                                                                                          | Installation, Maintenance, Monitoring, and Removal of BMP            | L.S.                | LS                    | L.S.      | L.S.                        | \$ 108,000.00 | L.S.                              | \$ 108,000.00   | L.S.                                               | \$ 500,000.00   | L.S.                                                                    | \$ 245,000.00 |
| 209.0200                                                                                                                                                                                                                                                                                                                                                          | Additional Water Pollution, Dust, and Erosion Control                | F.A.                | FA                    | F.A.      | F.A.                        | \$ 50,000.00  | F.A.                              | \$ 50,000.00    | F.A.                                               | \$ 50,000.00    | F.A.                                                                    | \$ 50,000.00  |
| 209.0300                                                                                                                                                                                                                                                                                                                                                          | Dewatering System                                                    | L.S.                | LS                    | L.S.      | L.S.                        | \$ 502,000.00 | L.S.                              | \$ 920,000.00   | L.S.                                               | \$ 500,000.00   | L.S.                                                                    | \$ 150,000.00 |
| 209.0400                                                                                                                                                                                                                                                                                                                                                          | Water Quality Certification Monitoring and Assessment                | L.S.                | LS                    | L.S.      | L.S.                        | \$ 650,000.00 | L.S.                              | \$ 461,300.00   | L.S.                                               | \$ 500,000.00   | L.S.                                                                    | \$ 50,000.00  |
| 212.1000                                                                                                                                                                                                                                                                                                                                                          | Archaeological Monitoring                                            | F.A.                | FA                    | F.A.      | F.A.                        | \$ 75,000.00  | F.A.                              | \$ 75,000.00    | F.A.                                               | \$ 75,000.00    | F.A.                                                                    | \$ 75,000.00  |
| 301.0100                                                                                                                                                                                                                                                                                                                                                          | Hot Mix Asphalt Base Course                                          | 940                 | 940 TON               | TON       | \$ 298.00                   | \$ 280,120.00 | \$ 285.00                         | \$ 267,900.00   | \$ 188.00                                          | \$ 176,720.00   | \$ 200.00                                                               | \$ 188,000.00 |
| 304.0100                                                                                                                                                                                                                                                                                                                                                          | Aggregate Base                                                       | 27                  | 27 CY                 | C.Y.      | \$ 383.00                   | \$ 10,341.00  | \$ 311.00                         | \$ 8,397.00     | \$ 300.00                                          | \$ 8,100.00     | \$ 75.00                                                                | \$ 2,025.00   |
| 305.0100                                                                                                                                                                                                                                                                                                                                                          | Aggregate Subbase                                                    | 340                 | 340 CY                | C.Y.      | \$ 205.00                   | \$ 69,700.00  | \$ 230.00                         | \$ 78,200.00    | \$ 300.00                                          | \$ 102,000.00   | \$ 85.00                                                                | \$ 28,900.00  |
| 314.1000                                                                                                                                                                                                                                                                                                                                                          | Controlled Low-Strength Material (CLSM) for Utilities and Structures | 160                 | 160 CY                | C.Y.      | \$ 332.00                   | \$ 53,120.00  | \$ 256.00                         | \$ 40,960.00    | \$ 260.00                                          | \$ 41,600.00    | \$ 175.00                                                               | \$ 28,000.00  |

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| ITEM NO.                                                                                                                                                                                                                                                                                                                                                          | ITEM                                                 | APPROX.<br>QUANTITY | **APPROX.<br>QUANTITY | UNIT USED | UNIT PRICE                                                                         | AMOUNT          | UNIT PRICE                        | AMOUNT          | UNIT PRICE                                         | AMOUNT          | UNIT PRICE                                                              | AMOUNT          |
| 401.0100                                                                                                                                                                                                                                                                                                                                                          | HMA Pavement, Mix No. IV                             | 640                 | 640 TON               | TON       | \$ 355.00                                                                          | \$ 227,200.00   | \$ 224.00                         | \$ 143,360.00   | \$ 214.00                                          | \$ 136,960.00   | \$ 225.00                                                               | \$ 144,000.00   |
| 415.1000                                                                                                                                                                                                                                                                                                                                                          | Cold Planing of Existing Pavement                    | 715                 | 715 SY                | S.Y.      | \$ 32.00                                                                           | \$ 22,880.00    | \$ 19.00                          | \$ 13,585.00    | \$ 15.00                                           | \$ 10,725.00    | \$ 12.50                                                                | \$ 8,938.00     |
| 503.1000                                                                                                                                                                                                                                                                                                                                                          | Concrete for Bridge Topping                          | L.S.                | 187 CY                | L.S.      | L.S.                                                                               | \$ 447,000.00   | L.S.                              | \$ 264,000.00   | L.S.                                               | \$ 448,000.00   | L.S.                                                                    | \$ 135,984.00   |
| 503.2000                                                                                                                                                                                                                                                                                                                                                          | Concrete for Bridge Beams                            | L.S.                | 48 CY                 | L.S.      | L.S.                                                                               | \$ 113,000.00   | L.S.                              | \$ 59,000.00    | L.S.                                               | \$ 110,000.00   | L.S.                                                                    | \$ 103,080.00   |
| 503.3000                                                                                                                                                                                                                                                                                                                                                          | Concrete for Abutment, Wingwall, and Retaining Walls | L.S.                | 470 CY                | L.S.      | L.S.                                                                               | \$ 400,000.00   | L.S.                              | \$ 710,000.00   | L.S.                                               | \$ 700,000.00   | L.S.                                                                    | \$ 451,053.00   |
| 503.4000                                                                                                                                                                                                                                                                                                                                                          | Concrete in Approach Slabs                           | L.S.                | 92 CY                 | L.S.      | L.S.                                                                               | \$ 95,000.00    | L.S.                              | \$ 80,000.00    | L.S.                                               | \$ 118,000.00   | L.S.                                                                    | \$ 69,167.00    |
| 503.5000                                                                                                                                                                                                                                                                                                                                                          | Concrete for Concrete Lining                         | L.S.                | 436 SF                | L.S.      | L.S.                                                                               | \$ 10,000.00    | L.S.                              | \$ 35,300.00    | L.S.                                               | \$ 13,000.00    | L.S.                                                                    | \$ 10,900.00    |
| 503.6000                                                                                                                                                                                                                                                                                                                                                          | Concrete Headwall                                    | L.S.                | 2 EA                  | L.S.      | L.S.                                                                               | \$ 14,000.00    | L.S.                              | \$ 9,530.00     | L.S.                                               | \$ 3,000.00     | L.S.                                                                    | \$ 100,000.00   |
| 503.0700                                                                                                                                                                                                                                                                                                                                                          | Concrete Reaction Blocks                             | L.S.                | 8 EA                  | L.S.      | L.S.                                                                               | \$ 6,800.00     | L.S.                              | \$ 7,120.00     | L.S.                                               | \$ 10,000.00    | L.S.                                                                    | \$ 2,459.00     |
| 504.0510                                                                                                                                                                                                                                                                                                                                                          | Prestressed Concrete Box Girders                     | L.S.                | 1,986 LF              | L.S.      | L.S.                                                                               | \$ 2,250,000.00 | L.S.                              | \$ 3,000,000.00 | L.S.                                               | \$ 3,300,000.00 | L.S.                                                                    | \$ 2,038,700.00 |
| 507.1000                                                                                                                                                                                                                                                                                                                                                          | Concrete Railing                                     | L.S.                | 37 CY                 | L.S.      | L.S.                                                                               | \$ 52,000.00    | L.S.                              | \$ 127,400.00   | L.S.                                               | \$ 140,000.00   | L.S.                                                                    | \$ 47,278.00    |
| 507.2000                                                                                                                                                                                                                                                                                                                                                          | Stainless Steel Railing                              | L.S.                | 225 LF                | L.S.      | L.S.                                                                               | \$ 140,000.00   | L.S.                              | \$ 53,000.00    | L.S.                                               | \$ 100,000.00   | L.S.                                                                    | \$ 82,186.00    |
| 511.0510                                                                                                                                                                                                                                                                                                                                                          | Furnishing Drilled Shaft Drilling Equipment          | L.S.                | LS                    | L.S.      | L.S.                                                                               | \$ 119,000.00   | L.S.                              | \$ 311,000.00   | L.S.                                               | \$ 309,000.00   | L.S.                                                                    | \$ 900,000.00   |
| 511.0511                                                                                                                                                                                                                                                                                                                                                          | Obstruction                                          | 100                 | 100 HOUR              | HOUR      | \$ 1,026.00                                                                        | \$ 102,600.00   | \$ 1,400.00                       | \$ 140,000.00   | \$ 1,087.00                                        | \$ 108,700.00   | \$ 2,000.00                                                             | \$ 200,000.00   |

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| ITEM NO.                                                                                                                                                                                                                                                                                                                                                          | ITEM                                                                                           | APPROX.<br>QUANTITY | **APPROX.<br>QUANTITY | UNIT USED | UNIT PRICE                                                                         | AMOUNT          | UNIT PRICE                        | AMOUNT          | UNIT PRICE                                         | AMOUNT          | UNIT PRICE                                                              | AMOUNT        |
| 511.0512                                                                                                                                                                                                                                                                                                                                                          | Load Test                                                                                      | 1                   | 1 EA                  | EA        | \$ 470,000.00                                                                      | \$ 470,000.00   | \$ 257,000.00                     | \$ 257,000.00   | \$ 264,000.00                                      | \$ 264,000.00   | \$ 250,000.00                                                           | \$ 250,000.00 |
| 511.0513                                                                                                                                                                                                                                                                                                                                                          | Drilled Shaft                                                                                  | 923                 | 923 LF                | L.F.      | \$ 1,300.00                                                                        | \$ 1,199,900.00 | \$ 1,185.00                       | \$ 1,093,755.00 | \$ 1,100.00                                        | \$ 1,015,300.00 | \$ 925.00                                                               | \$ 853,775.00 |
| 511.0514                                                                                                                                                                                                                                                                                                                                                          | Unclassified Shaft Excavation                                                                  | 923                 | 923 LF                | L.F.      | \$ 682.00                                                                          | \$ 629,486.00   | \$ 635.00                         | \$ 586,105.00   | \$ 550.00                                          | \$ 507,650.00   | \$ 600.00                                                               | \$ 553,800.00 |
| 511.0515                                                                                                                                                                                                                                                                                                                                                          | Trial Shaft                                                                                    | 89                  | 89 LF                 | L.F.      | \$ 1,400.00                                                                        | \$ 124,600.00   | \$ 1,300.00                       | \$ 115,700.00   | \$ 1,360.00                                        | \$ 121,040.00   | \$ 1,500.00                                                             | \$ 133,500.00 |
| 511.0516                                                                                                                                                                                                                                                                                                                                                          | Coring for Integrity Testing for Acceptable Drilled Shaft                                      | 303                 | 303 LF                | L.F.      | \$ 100.00                                                                          | \$ 30,300.00    | \$ 440.00                         | \$ 133,320.00   | \$ 307.00                                          | \$ 93,021.00    | \$ 200.00                                                               | \$ 60,600.00  |
| 602.0100                                                                                                                                                                                                                                                                                                                                                          | Reinforcing Steel for Bridge Topping                                                           | L.S.                | 15.9 TON              | L.S.      | L.S.                                                                               | \$ 125,000.00   | L.S.                              | \$ 104,000.00   | L.S.                                               | \$ 77,223.00    | L.S.                                                                    | \$ 130,675.00 |
| 602.0200                                                                                                                                                                                                                                                                                                                                                          | Reinforcing Steel for Bridge Beams                                                             | L.S.                | 5.3 TON               | L.S.      | L.S.                                                                               | \$ 175,000.00   | L.S.                              | \$ 35,000.00    | L.S.                                               | \$ 18,565.00    | L.S.                                                                    | \$ 43,558.00  |
| 602.0300                                                                                                                                                                                                                                                                                                                                                          | Reinforcing Steel for Abutments, Wingwalls, and Retaining Walls                                | L.S.                | 30 TON                | L.S.      | L.S.                                                                               | \$ 150,000.00   | L.S.                              | \$ 200,000.00   | L.S.                                               | \$ 108,565.00   | L.S.                                                                    | \$ 246,557.00 |
| 602.0400                                                                                                                                                                                                                                                                                                                                                          | Reinforcing Steel for Approach Slabs                                                           | L.S.                | 12.3 TON              | L.S.      | L.S.                                                                               | \$ 47,000.00    | L.S.                              | \$ 58,000.00    | L.S.                                               | \$ 35,691.00    | L.S.                                                                    | \$ 101,088.00 |
| 602.0500                                                                                                                                                                                                                                                                                                                                                          | Reinforcing Steel for Railings                                                                 | L.S.                | 1.7 TON               | L.S.      | L.S.                                                                               | \$ 7,500.00     | L.S.                              | \$ 20,000.00    | L.S.                                               | \$ 5,048.00     | L.S.                                                                    | \$ 13,972.00  |
| 603.1000                                                                                                                                                                                                                                                                                                                                                          | Bed Course Material for Culvert                                                                | L.S.                | 50 CY                 | L.S.      | L.S.                                                                               | \$ 73,000.00    | L.S.                              | \$ 19,350.00    | L.S.                                               | \$ 4,000.00     | L.S.                                                                    | \$ 8,750.00   |
| 603.2000                                                                                                                                                                                                                                                                                                                                                          | 24-Inch Reinforced Concrete Pipe, Class III, or 24-Inch High Density Polyethylene Pipe, Type S | L.S.                | 263 LF                | L.S.      | L.S.                                                                               | \$ 41,000.00    | L.S.                              | \$ 78,100.00    | L.S.                                               | \$ 12,000.00    | L.S.                                                                    | \$ 45,740.00  |
| 603.3000                                                                                                                                                                                                                                                                                                                                                          | 18-Inch Reinforced Concrete Pipe, Class III, or 18-Inch High Density Polyethylene Pipe, Type S | L.S.                | 82 LF                 | L.S.      | L.S.                                                                               | \$ 9,800.00     | L.S.                              | \$ 9,500.00     | L.S.                                               | \$ 3,000.00     | L.S.                                                                    | \$ 14,260.00  |
| 604.1000                                                                                                                                                                                                                                                                                                                                                          | Type 1211216P Grated Drop Inlet, 5'-1" feet to 10'-0" feet                                     | 3                   | 3 EA                  | EA        | \$ 24,000.00                                                                       | \$ 72,000.00    | \$ 19,700.00                      | \$ 59,100.00    | \$ 20,000.00                                       | \$ 60,000.00    | \$ 16,125.00                                                            | \$ 48,375.00  |

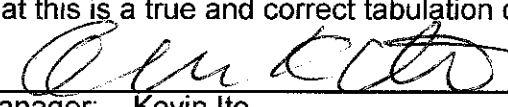
# TABULATION OF BIDS

| PROJECT: FARRINGTON HIGHWAY<br>REPLACEMENT OF MAIPALAOA BRIDGE<br><br>FEDERAL AID PROJECT NO. BR-093-1(21)      Net Length of Project: 0.19 Miles<br><br>ISLAND: OAHU      DISTRICT: WAIANAE      TYPE CODE: 04, 11, 43<br><br>DATE ADVERTISED: Internet Posting - October 7, 2015<br><br>BIDS OPENED: November 12, 2015<br><br>COMPLETION TIME: 604 WORKING DAYS |                                                                  |                     |                       |           | PERFORMANCE SYSTEMS<br>INC.                                                        |               | DELTA CONSTRUCTION<br>CORPORATION |               | HAWAIIAN DREDGING<br>CONSTRUCTION<br>COMPANY, INC. |               | STATE OF HAWAII<br>DEPARTMENT OF<br>TRANSPORTATION<br>HIGHWAYS DIVISION |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|---------------------|-----------------------|-----------|------------------------------------------------------------------------------------|---------------|-----------------------------------|---------------|----------------------------------------------------|---------------|-------------------------------------------------------------------------|--------------|
|                                                                                                                                                                                                                                                                                                                                                                   |                                                                  |                     |                       |           | ** NOTE:<br>Quantities<br>shown in this<br>column are for<br>in-house use<br>only. |               |                                   |               |                                                    |               |                                                                         |              |
| ITEM NO.                                                                                                                                                                                                                                                                                                                                                          | ITEM                                                             | APPROX.<br>QUANTITY | **APPROX.<br>QUANTITY | UNIT USED | UNIT PRICE                                                                         | AMOUNT        | UNIT PRICE                        | AMOUNT        | UNIT PRICE                                         | AMOUNT        | UNIT PRICE                                                              | AMOUNT       |
| 606.1000                                                                                                                                                                                                                                                                                                                                                          | Guardrail Type - Strong Post W-Beam                              | L.S.                | 200 LF                | L.S.      | L.S.                                                                               | \$ 54,000.00  | L.S.                              | \$ 36,800.00  | L.S.                                               | \$ 34,800.00  | L.S.                                                                    | \$ 11,000.00 |
| 606.2000                                                                                                                                                                                                                                                                                                                                                          | Terminal Section Type - Type G                                   | L.S.                | 3 EA                  | L.S.      | L.S.                                                                               | \$ 35,000.00  | L.S.                              | \$ 19,560.00  | L.S.                                               | \$ 18,500.00  | L.S.                                                                    | \$ 10,500.00 |
| 606.3000                                                                                                                                                                                                                                                                                                                                                          | Terminal Section - SKT-350 or Approved Equal                     | L.S.                | 1 EA                  | L.S.      | L.S.                                                                               | \$ 12,000.00  | L.S.                              | \$ 8,250.00   | L.S.                                               | \$ 7,800.00   | L.S.                                                                    | \$ 5,000.00  |
| 607.1000                                                                                                                                                                                                                                                                                                                                                          | 6-Feet, Chain Link Fence                                         | L.S.                | 30 LF                 | L.S.      | L.S.                                                                               | \$ 6,000.00   | L.S.                              | \$ 3,700.00   | L.S.                                               | \$ 5,250.00   | L.S.                                                                    | \$ 2,550.00  |
| 612.0200                                                                                                                                                                                                                                                                                                                                                          | Grouted Rubble Paving                                            | L.S.                | 7 CY                  | L.S.      | L.S.                                                                               | \$ 9,800.00   | L.S.                              | \$ 8,000.00   | L.S.                                               | \$ 7,500.00   | L.S.                                                                    | \$ 5,250.00  |
| 622.1001                                                                                                                                                                                                                                                                                                                                                          | Electrical System                                                | L.S.                | LS                    | L.S.      | L.S.                                                                               | \$ 84,000.00  | L.S.                              | \$ 66,520.00  | L.S.                                               | \$ 102,355.00 | L.S.                                                                    | \$ 39,000.00 |
| 623.1000                                                                                                                                                                                                                                                                                                                                                          | Traffic Signal System                                            | L.S.                | LS                    | L.S.      | L.S.                                                                               | \$ 117,000.00 | L.S.                              | \$ 92,830.00  | L.S.                                               | \$ 60,000.00  | L.S.                                                                    | \$ 60,100.00 |
| 624.1000                                                                                                                                                                                                                                                                                                                                                          | Water Systems                                                    | L.S.                | LS                    | L.S.      | L.S.                                                                               | \$ 74,000.00  | L.S.                              | \$ 125,670.00 | L.S.                                               | \$ 100,000.00 | L.S.                                                                    | \$ 64,438.00 |
| 629.1000                                                                                                                                                                                                                                                                                                                                                          | 4-Inch White Dash Pavement Striping (Thermoplastic Extrusion)    | L.S.                | 158 LF                | L.S.      | L.S.                                                                               | \$ 1,400.00   | L.S.                              | \$ 4,440.00   | L.S.                                               | \$ 4,200.00   | L.S.                                                                    | \$ 395.00    |
| 629.1100                                                                                                                                                                                                                                                                                                                                                          | 4-Inch Double Yellow Pavement Striping (Thermoplastic Extrusion) | L.S.                | 1,135 LF              | L.S.      | L.S.                                                                               | \$ 8,300.00   | L.S.                              | \$ 5,075.00   | L.S.                                               | \$ 4,800.00   | L.S.                                                                    | \$ 5,675.00  |
| 629.1200                                                                                                                                                                                                                                                                                                                                                          | 8-Inch White Pavement Striping (Thermoplastic Extrusion)         | L.S.                | 1,350 LF              | L.S.      | L.S.                                                                               | \$ 12,000.00  | L.S.                              | \$ 1,270.00   | L.S.                                               | \$ 1,200.00   | L.S.                                                                    | \$ 6,750.00  |
| 629.1300                                                                                                                                                                                                                                                                                                                                                          | 12-Inch White Pavement Striping (Thermoplastic Extrusion)        | L.S.                | 220 LF                | L.S.      | L.S.                                                                               | \$ 3,700.00   | L.S.                              | \$ 3,400.00   | L.S.                                               | \$ 3,200.00   | L.S.                                                                    | \$ 1,650.00  |
| 629.1400                                                                                                                                                                                                                                                                                                                                                          | 12-Inch Yellow Pavement Striping (Thermoplastic Extrusion)       | L.S.                | 135 LF                | L.S.      | L.S.                                                                               | \$ 4,500.00   | L.S.                              | \$ 1,700.00   | L.S.                                               | \$ 1,600.00   | L.S.                                                                    | \$ 1,013.00  |
| 629.2000                                                                                                                                                                                                                                                                                                                                                          | Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion)    | L.S.                | 6 LANES,<br>135 LF    | L.S.      | L.S.                                                                               | \$ 4,800.00   | L.S.                              | \$ 2,100.00   | L.S.                                               | \$ 2,000.00   | L.S.                                                                    | \$ 1,013.00  |

# TABULATION OF BIDS

| PROJECT: FARRINGTON HIGHWAY<br>REPLACEMENT OF MAIPALAOA BRIDGE<br><br>FEDERAL AID PROJECT NO. BR-093-1(21)      Net Length of Project: 0.19 Miles<br><br>ISLAND: OAHU      DISTRICT: WAIANAE      TYPE CODE: 04, 11, 43<br><br>DATE ADVERTISED: Internet Posting - October 7, 2015<br><br>BIDS OPENED: November 12, 2015<br><br>COMPLETION TIME: 604 WORKING DAYS |                                                                           |                     |                       |           | PERFORMANCE SYSTEMS<br>INC.                                                        |                 | DELTA CONSTRUCTION<br>CORPORATION |               | HAWAIIAN DREDGING<br>CONSTRUCTION<br>COMPANY, INC. |                 | STATE OF HAWAII<br>DEPARTMENT OF<br>TRANSPORTATION<br>HIGHWAYS DIVISION |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------|-----------------------|-----------|------------------------------------------------------------------------------------|-----------------|-----------------------------------|---------------|----------------------------------------------------|-----------------|-------------------------------------------------------------------------|---------------|
|                                                                                                                                                                                                                                                                                                                                                                   |                                                                           |                     |                       |           | ** NOTE:<br>Quantities<br>shown in this<br>column are for<br>in-house use<br>only. |                 |                                   |               |                                                    |                 |                                                                         |               |
| ITEM NO.                                                                                                                                                                                                                                                                                                                                                          | ITEM                                                                      | APPROX.<br>QUANTITY | **APPROX.<br>QUANTITY | UNIT USED | UNIT PRICE                                                                         | AMOUNT          | UNIT PRICE                        | AMOUNT        | UNIT PRICE                                         | AMOUNT          | UNIT PRICE                                                              | AMOUNT        |
| 629.2100                                                                                                                                                                                                                                                                                                                                                          | Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)                | L.S.                | 2 EA                  | L.S.      | L.S.                                                                               | \$ 1,300.00     | L.S.                              | \$ 1,000.00   | L.S.                                               | \$ 1,000.00     | L.S.                                                                    | \$ 150.00     |
| 629.3000                                                                                                                                                                                                                                                                                                                                                          | Type A Pavement Marker                                                    | L.S.                | 152 EA                | L.S.      | L.S.                                                                               | \$ 2,900.00     | L.S.                              | \$ 1,200.00   | L.S.                                               | \$ 1,100.00     | L.S.                                                                    | \$ 1,900.00   |
| 629.3100                                                                                                                                                                                                                                                                                                                                                          | Type C Pavement Marker                                                    | L.S.                | 88 EA                 | L.S.      | L.S.                                                                               | \$ 2,900.00     | L.S.                              | \$ 740.00     | L.S.                                               | \$ 700.00       | L.S.                                                                    | \$ 1,100.00   |
| 629.3200                                                                                                                                                                                                                                                                                                                                                          | Type D Pavement Marker                                                    | L.S.                | 6 EA                  | L.S.      | L.S.                                                                               | \$ 400.00       | L.S.                              | \$ 530.00     | L.S.                                               | \$ 500.00       | L.S.                                                                    | \$ 75.00      |
| 629.3300                                                                                                                                                                                                                                                                                                                                                          | Type H Pavement Marker                                                    | L.S.                | 41 EA                 | L.S.      | L.S.                                                                               | \$ 600.00       | L.S.                              | \$ 635.00     | L.S.                                               | \$ 600.00       | L.S.                                                                    | \$ 513.00     |
| 631.1000                                                                                                                                                                                                                                                                                                                                                          | Regulatory Sign (10 Square Feet or Less)                                  | L.S.                | 2 EA                  | L.S.      | L.S.                                                                               | \$ 2,100.00     | L.S.                              | \$ 1,270.00   | L.S.                                               | \$ 1,200.00     | L.S.                                                                    | \$ 400.00     |
| 631.2000                                                                                                                                                                                                                                                                                                                                                          | Warning Sign (10 Square Feet or Less)                                     | L.S.                | 10 EA                 | L.S.      | L.S.                                                                               | \$ 4,200.00     | L.S.                              | \$ 2,115.00   | L.S.                                               | \$ 2,000.00     | L.S.                                                                    | \$ 2,000.00   |
| 631.3000                                                                                                                                                                                                                                                                                                                                                          | Relocation of Existing Danger Sign                                        | L.S.                | 1 EA                  | L.S.      | L.S.                                                                               | \$ 1,100.00     | L.S.                              | \$ 635.00     | L.S.                                               | \$ 600.00       | L.S.                                                                    | \$ 200.00     |
| 638.1000                                                                                                                                                                                                                                                                                                                                                          | Curb, Type 2 - Cast-In-Place Concrete Curb                                | L.S.                | LS                    | L.S.      | L.S.                                                                               | \$ 4,500.00     | L.S.                              | \$ 2,900.00   | L.S.                                               | \$ 6,500.00     | L.S.                                                                    | \$ 5,000.00   |
| 640.1000                                                                                                                                                                                                                                                                                                                                                          | 6-Inch Reinforced Concrete Lined Drainage Ditch                           | L.S.                | 26 CY                 | L.S.      | L.S.                                                                               | \$ 37,000.00    | L.S.                              | \$ 14,650.00  | L.S.                                               | \$ 30,000.00    | L.S.                                                                    | \$ 31,498.00  |
| 641.1000                                                                                                                                                                                                                                                                                                                                                          | Hydro-Mulch Seeding                                                       | L.S.                | 2,400 SF              | L.S.      | L.S.                                                                               | \$ 60,000.00    | L.S.                              | \$ 42,000.00  | L.S.                                               | \$ 10,000.00    | L.S.                                                                    | \$ 12,000.00  |
| 643.1000                                                                                                                                                                                                                                                                                                                                                          | Maintenance of Existing Landscape Area                                    | F.A.                | 2,400 SF              | F.A.      | F.A.                                                                               | \$ 21,748.00    | F.A.                              | \$ 21,748.00  | F.A.                                               | \$ 21,748.00    | F.A.                                                                    | \$ 21,748.00  |
| 645.1000                                                                                                                                                                                                                                                                                                                                                          | Traffic Control                                                           | L.S.                | LS                    | L.S.      | L.S.                                                                               | \$ 1,093,000.00 | L.S.                              | \$ 650,000.00 | L.S.                                               | \$ 1,200,000.00 | L.S.                                                                    | \$ 150,000.00 |
| 645.2000                                                                                                                                                                                                                                                                                                                                                          | Additional Police Officers, Additional Control Devices, and Advertisement | F.A.                | FA                    | F.A.      | F.A.                                                                               | \$ 50,000.00    | F.A.                              | \$ 50,000.00  | F.A.                                               | \$ 50,000.00    | F.A.                                                                    | \$ 50,000.00  |

# TABULATION OF BIDS

| PROJECT: FARRINGTON HIGHWAY<br>REPLACEMENT OF MAIPALAOA BRIDGE                                                                                                                                                                                                                                                                                                                            |                                                                                                     |                     |                       |           |                                                                                    |                   |                   |                |                 |               |                 |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------|-----------------------|-----------|------------------------------------------------------------------------------------|-------------------|-------------------|----------------|-----------------|---------------|-----------------|---------------|
| FEDERAL AID PROJECT NO. BR-093-1(21)      Net Length of Project: 0.19 Miles                                                                                                                                                                                                                                                                                                               |                                                                                                     |                     |                       |           |                                                                                    |                   |                   |                |                 |               |                 |               |
| ISLAND: OAHU      DISTRICT: WAIANAE      TYPE CODE: 04, 11, 43                                                                                                                                                                                                                                                                                                                            |                                                                                                     |                     |                       |           |                                                                                    |                   |                   |                |                 |               |                 |               |
| DATE ADVERTISED: Internet Posting - October 7, 2015                                                                                                                                                                                                                                                                                                                                       |                                                                                                     |                     |                       |           |                                                                                    |                   |                   |                |                 |               |                 |               |
| BIDS OPENED: November 12, 2015                                                                                                                                                                                                                                                                                                                                                            |                                                                                                     |                     |                       |           |                                                                                    |                   |                   |                |                 |               |                 |               |
| COMPLETION TIME: 604 WORKING DAYS                                                                                                                                                                                                                                                                                                                                                         |                                                                                                     |                     |                       |           |                                                                                    |                   |                   |                |                 |               |                 |               |
|                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                     |                     |                       |           | ** NOTE:<br>Quantities<br>shown in this<br>column are for<br>in-house use<br>only. |                   |                   |                |                 |               |                 |               |
| ITEM NO.                                                                                                                                                                                                                                                                                                                                                                                  | ITEM                                                                                                | APPROX.<br>QUANTITY | **APPROX.<br>QUANTITY | UNIT USED | UNIT PRICE                                                                         | AMOUNT            | UNIT PRICE        | AMOUNT         | UNIT PRICE      | AMOUNT        | UNIT PRICE      | AMOUNT        |
| 648.1000                                                                                                                                                                                                                                                                                                                                                                                  | Field Posted Drawings                                                                               | L.S.                | LS                    | L.S.      | L.S.                                                                               | \$ 15,000.00      | L.S.              | \$ 1,600.00    | L.S.            | \$ 1,000.00   | L.S.            | \$ 5,000.00   |
| 651.1000                                                                                                                                                                                                                                                                                                                                                                                  | Deliver Portable Concrete Barrier                                                                   | L.S.                | 960 LF                | L.S.      | L.S.                                                                               | \$ 17,000.00      | L.S.              | \$ 33,300.00   | L.S.            | \$ 25,000.00  | L.S.            | \$ 10,964.00  |
| 651.2000                                                                                                                                                                                                                                                                                                                                                                                  | Install, Maintain, Relocate, and Remove Portable Concrete Barriers & End Treatments                 | L.S.                | 960 LF                | L.S.      | L.S.                                                                               | \$ 47,000.00      | L.S.              | \$ 61,500.00   | L.S.            | \$ 90,000.00  | L.S.            | \$ 55,000.00  |
| 651.3000                                                                                                                                                                                                                                                                                                                                                                                  | Portable Concrete Barrier End Treatment (NCHRP 350 Compliant)                                       | L.S.                | LS                    | L.S.      | L.S.                                                                               | \$ 96,000.00      | L.S.              | \$ 197,350.00  | L.S.            | \$ 70,000.00  | L.S.            | \$ 28,000.00  |
| 692.1000                                                                                                                                                                                                                                                                                                                                                                                  | Voluntary Partnering                                                                                | F.A.                | FA                    | F.A.      | F.A.                                                                               | \$ 25,000.00      | F.A.              | \$ 25,000.00   | F.A.            | \$ 25,000.00  | F.A.            | \$ 25,000.00  |
| 695.1000                                                                                                                                                                                                                                                                                                                                                                                  | Temporary Pedestrian Bridge                                                                         | L.S.                | LS                    | L.S.      | L.S.                                                                               | \$ 489,000.00     | L.S.              | \$ 463,000.00  | L.S.            | \$ 400,000.00 | L.S.            | \$ 155,541.00 |
| 696.1000                                                                                                                                                                                                                                                                                                                                                                                  | Maintenance of Trailers                                                                             | F.A.                | FA                    | F.A.      | F.A.                                                                               | \$ 25,000.00      | F.A.              | \$ 25,000.00   | F.A.            | \$ 25,000.00  | F.A.            | \$ 25,000.00  |
| 696.2000                                                                                                                                                                                                                                                                                                                                                                                  | Field Office Trailer (Not to Exceed \$32,000.00)                                                    | L.S.                | LS                    | L.S.      | L.S.                                                                               | \$ 32,000.00      | L.S.              | * \$ 32,000.00 | L.S.            | \$ 32,000.00  | L.S.            | \$ 32,000.00  |
| 699.1000                                                                                                                                                                                                                                                                                                                                                                                  | Mobilization (Not to exceed 6 percent of the sum of all items excluding the bid price of this item) | L.S.                | LS                    | L.S.      | L.S.                                                                               | \$ 800,000.00     | L.S.              | \$ 566,748.00  | L.S.            | \$ 940,000.00 | L.S.            | \$ 587,813.00 |
| a. Sum of All Items                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                     |                     |                       |           |                                                                                    | * \$14,418,607.50 | * \$14,858,668.00 |                | \$16,872,000.00 |               | \$10,384,684.00 |               |
| b. Either Furnish Foreign Steel Not to Exceed Minimal Amount (Fill in '0') or Furnish Foreign Steel in Excess of Minimal Amount (Fill in 25% x a)                                                                                                                                                                                                                                         |                                                                                                     |                     |                       |           |                                                                                    | \$0.00            | \$0.00            |                | \$0.00          |               | \$0.00          |               |
| c. Amount for Comparison of Bids (a + b)                                                                                                                                                                                                                                                                                                                                                  |                                                                                                     |                     |                       |           |                                                                                    | * \$14,418,607.50 | * \$14,858,668.00 |                | \$16,872,000.00 |               | \$10,384,684.00 |               |
| * Corrected Amount                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                     |                     |                       |           |                                                                                    |                   |                   |                |                 |               |                 |               |
| I certify that this is a true and correct tabulation of bids for this project.<br><div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div> <br/>           Project Manager: Kevin Ito         </div> <div> <u>12-10-15</u><br/>           Date         </div> </div> |                                                                                                     |                     |                       |           |                                                                                    |                   |                   |                |                 |               |                 |               |