

BID TABULATION  
PROJECT - HAWAII BELT ROAD, ROUTE 190D, KEAMUKU TOWARDS WAIMEA  
PROJECT NO. RS-0190(2)  
TYPE CODE - 6203, Y005, Y060  
ISLAND OF HAWAII

DATE ADVERTISED - HONOLULU ADVERTISER MARCH 17, 20, & 22, 1978  
HAWAII TRIBUNE HERALD MARCH 20 & 22, 1978  
BID OPENED - APRIL 13, 1978  
COMPLETION TIME - EIGHTY (80) WORKING DAYS

|          |                                                                                                                                                                                  |          |        | JAS. W. GLOVER, LTD. |           | OKADA TRUCKING CO LTD |          | GENERAL CONSTRUCTION |          | ISEMOTO CONTR CO LTD |           | STATE OF HAWAII |          |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|----------------------|-----------|-----------------------|----------|----------------------|----------|----------------------|-----------|-----------------|----------|
| ITEM NO. | ITEM                                                                                                                                                                             | QUANTITY | UNIT   | UNIT PRICE           | AMOUNT    | UNIT PRICE            | AMOUNT   | UNIT PRICE           | AMOUNT   | UNIT PRICE           | AMOUNT    | UNIT PRICE      | AMOUNT   |
| 202.3000 | REMOVAL OF CATTLE GUARD                                                                                                                                                          | 1.       | EACH   | 1100.00              | 1100.00   | 800.00                | 800.00   | 900.00               | 900.00   | 1000.00              | 1000.00   | 1000.00         | 1000.00  |
| 203.0100 | ROADWAY EXCAVATION                                                                                                                                                               | 31700.   | CU YD  | 3.30                 | 104610.00 | 3.07                  | 97319.00 | 2.50                 | 79250.00 | 5.00                 | 158500.00 | 3.00            | 95100.00 |
| 206.1000 | STRUCTURE EXCAVATION OTHER THAN AT BRIDGES                                                                                                                                       | 1090.    | CU YD  | 10.00                | 10900.00  | 3.50                  | 3815.00  | 8.50                 | 9265.00  | 25.00                | 27250.00  | 18.00           | 19620.00 |
| 206.7100 | STRUCTURE BACKFILL FOR STRUCTURAL PLATE CULVERTS                                                                                                                                 | 330.     | CU YD  | 20.00                | 6600.00   | 15.00                 | 4950.00  | 59.50                | 19635.00 | 30.00                | 9900.00   | 20.00           | 6600.00  |
| 207.0100 | DITCH AND CHANNEL EXCAVATION                                                                                                                                                     | 670.     | CU YD  | 3.00                 | 2010.00   | 5.00                  | 3350.00  | 3.00                 | 2010.00  | 25.00                | 16750.00  | 10.00           | 6700.00  |
| 304.1110 | AGGREGATE BASE                                                                                                                                                                   | 2700.    | CU YD  | 13.50                | 36450.00  | 11.75                 | 31725.00 | 13.50                | 36450.00 | 30.00                | 81000.00  | 15.00           | 40500.00 |
| 305.1110 | AGGREGATE SUBBASE                                                                                                                                                                | 4110.    | CU YD  | 13.00                | 53430.00  | 11.75                 | 48292.50 | 13.50                | 55485.00 | 17.00                | 69870.00  | 10.00           | 41100.00 |
| 401.0300 | ASPHALT CONCRETE PAVEMENT, MIX NO. III                                                                                                                                           | 550.     | TON    | 27.50                | 15125.00  | 30.00                 | 16500.00 | 29.50                | 16225.00 | 30.00                | 16500.00  | 36.00           | 19800.00 |
| 401.0500 | ASPHALT CONCRETE PAVEMENT, MIX NO. V                                                                                                                                             | 2020.    | TON    | 27.50                | 55550.00  | 30.00                 | 60600.00 | 29.50                | 59590.00 | 30.00                | 60600.00  | 35.00           | 70700.00 |
| 408.0100 | MC-30 LIQUID ASPHALT FOR PRIME COAT                                                                                                                                              | 5410.    | GAL    | .70                  | 3787.00   | .40                   | 2164.00  | .75                  | 4057.50  | 1.00                 | 5410.00   | 1.00            | 5410.00  |
| 409.7000 | SEAL COAT FOR SHOULDERS                                                                                                                                                          | 5460.    | SQ YD  | .50                  | 2730.00   | 1.50                  | 8190.00  | .25                  | 1365.00  | 3.00                 | 16380.00  | 1.25            | 6825.00  |
| 503.0000 | CLASS A CONCRETE OTHER THAN IN BRIDGES                                                                                                                                           | 11.      | CU YD  | 450.00               | 4950.00   | 125.00                | 1375.00  | 430.00               | 4730.00  | 320.00               | 3520.00   | 335.00          | 3685.00  |
| 508.0100 | CEMENT RUBBLE MASONRY                                                                                                                                                            | 250.     | CU YD  | 125.00               | 31250.00  | 130.00                | 32500.00 | 190.00               | 47500.00 | 180.00               | 45000.00  | 125.00          | 31250.00 |
| 602.1000 | REINFORCING STEEL OTHER THAN IN BRIDGES                                                                                                                                          | 2200.    | LB     | .60                  | 1320.00   | 1.50                  | 3300.00  | .50                  | 1100.00  | 1.00                 | 2200.00   | .60             | 1320.00  |
| 603.0010 | BED COURSE MATERIAL FOR CULVERT                                                                                                                                                  | 200.     | CU YD  | 23.00                | 4600.00   | 18.00                 | 3600.00  | 33.00                | 6600.00  | 30.00                | 6000.00   | 25.00           | 5000.00  |
| 603.3015 | 96-INCH REINFORCED CONCRETE PIPE, CLASS III OR<br>96-INCH STRUCTURAL PLATE PIPE NO. 12 GAGE OR<br>96-INCH CORRUGATED METAL PIPE (3-INCH X 1-INCH)<br>SHEET THICKNESS, 0.079 INCH | 92.      | LIN FT | 155.00               | 14260.00  | 126.42                | 11630.64 | 138.00               | 12696.00 | 154.00               | 14168.00  | 200.00          | 18400.00 |
| 603.3023 | 120-INCH STRUCTURAL PLATE PIPE NO. 12 GAGE OR<br>120-INCH CORRUGATED METAL PIPE (3-INCH X 1-INCH)<br>SHEET THICKNESS, 0.109 INCH                                                 | 98.      | LIN FT | 180.00               | 17640.00  | 204.18                | 20009.64 | 204.00               | 19992.00 | 178.00               | 17444.00  | 230.00          | 22540.00 |
| 603.3502 | 72-INCH X 44-INCH CORRUGATED METAL PIPE ARCH<br>SHEET THICKNESS, 0.138 (9-INCH CORNER RADIUS)                                                                                    | 66.      | LIN FT | 140.00               | 9240.00   | 106.59                | 7034.94  | 124.00               | 8184.00  | 130.00               | 8580.00   | 70.00           | 4620.00  |
| 603.3503 | 6-FEET 4-INCH X 4-FEET 9-INCH STRUCTURAL<br>PLATE PIPE-ARCH NO. 12 GAGE (18-INCH CORNER<br>RADIUS)                                                                               | 102.     | LIN FT | 125.00               | 12750.00  | 99.57                 | 10156.14 | 105.00               | 10710.00 | 120.00               | 12240.00  | 75.00           | 7650.00  |
| 604.2340 | TYPE 61616 STEEL FRAME AND GRATE                                                                                                                                                 | 2.       | EACH   | 660.00               | 1320.00   | 742.50                | 1485.00  | 767.00               | 1534.00  | 660.00               | 1320.00   | 575.00          | 1150.00  |
| 606.3110 | GUARD RAIL, TYPE 3 - SINGLE WITH STEEL POST                                                                                                                                      | 25.      | LIN FT | 30.00                | 750.00    | 22.50                 | 562.50   | 25.00                | 625.00   | 25.00                | 625.00    | 20.00           | 500.00   |
| 612.0100 | GROUTED RUBBLE PAVING                                                                                                                                                            | 54.      | CU YD  | 125.00               | 6750.00   | 100.00                | 5400.00  | 190.00               | 10260.00 | 150.00               | 8100.00   | 200.00          | 10800.00 |
| 613.0100 | CENTERLINE MONUMENTS                                                                                                                                                             | 8.       | EACH   | 50.00                | 400.00    | 50.00                 | 400.00   | 34.00                | 272.00   | 150.00               | 1200.00   | 100.00          | 800.00   |
| 621.4000 | REFLECTOR MARKER                                                                                                                                                                 | 3.       | EACH   | 10.00                | 30.00     | 10.00                 | 30.00    | 13.00                | 39.00    | 15.00                | 45.00     | 10.00           | 30.00    |
| 621.4100 | REFLECTOR MARKER WITH POST                                                                                                                                                       | 14.      | EACH   | 40.00                | 560.00    | 17.00                 | 238.00   | 20.00                | 280.00   | 20.00                | 280.00    | 30.00           | 420.00   |
| 621.4600 | REFLECTOR MARKER (BI-DIRECTIONAL) WITH POST                                                                                                                                      | 8.       | EACH   | 45.00                | 360.00    | 20.00                 | 160.00   | 24.00                | 192.00   | 23.00                | 184.00    | 40.00           | 320.00   |
| 621.5110 | REGULATORY AND WARNING SIGN WITH POST                                                                                                                                            | 10.      | EACH   | 150.00               | 1500.00   | 178.00                | 1780.00  | 217.00               | 2170.00  | 220.00               | 2200.00   | 200.00          | 2000.00  |
| 629.2040 | TYPE D PAVEMENT MARKERS                                                                                                                                                          | 130.     | EACH   | 6.00                 | 780.00    | 4.00                  | 520.00   | 7.00                 | 910.00   | 7.00                 | 910.00    | 4.00            | 520.00   |

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| 629.2070 | TYPE H PAVEMENT MARKERS                                                               | 44.      | EACH   | 6.50                 | 286.00     | 3.85                  | 169.40    | 7.00                 | 308.00    | 7.00                 | 308.00     | 3.50            | 154.00    |
| 629.2080 | TYPE J PAVEMENT MARKERS                                                               | 344.     | EACH   | 3.20                 | 1100.80    | 2.00                  | 688.00    | 3.00                 | 1032.00   | 3.50                 | 1204.00    | 1.50            | 516.00    |
| 632.1000 | RESET ROUTE MARKER                                                                    | 2.       | EACH   | 110.00               | 220.00     | 50.00                 | 100.00    | 100.00               | 200.00    | 100.00               | 200.00     | 30.00           | 60.00     |
| 632.7000 | RESET WARNING SIGN                                                                    | 1.       | EACH   | 120.00               | 120.00     | 75.00                 | 75.00     | 200.00               | 200.00    | 200.00               | 200.00     | 75.00           | 75.00     |
| 632.7100 | RESET F.A.P. MARKER                                                                   | 1.       | EACH   | 150.00               | 150.00     | 75.00                 | 75.00     | 200.00               | 200.00    | 200.00               | 200.00     | 50.00           | 50.00     |
| 632.7200 | RESET SECTION MARKER                                                                  | 1.       | EACH   | 110.00               | 110.00     | 100.00                | 100.00    | 200.00               | 200.00    | 200.00               | 200.00     | 30.00           | 30.00     |
| 632.8000 | REMOVE AND STOCKPILE EXISTING WARNING SIGNS                                           | 6.       | EACH   | 45.00                | 270.00     | 40.00                 | 240.00    | 50.00                | 300.00    | 50.00                | 300.00     | 40.00           | 240.00    |
| 636.0100 | FIELD OFFICE (NOT TO EXCEED \$12,000)                                                 | L.S.     | L.S.   | 0.00                 | 4000.00    | 0.00                  | 9000.00   | 0.00                 | 12000.00  | 0.00                 | 12000.00   | 0.00            | 12000.00  |
| 636.1100 | PROJECT SITE LABORATORY (NOT TO EXCEED \$6,000)                                       | L.S.     | L.S.   | 0.00                 | 6000.00*   | 0.00                  | 5000.00   | 0.00                 | 6000.00   | 0.00                 | 6000.00    | 0.00            | 6000.00   |
| 639.0100 | TEMPORARY PROJECT WATER POLLUTION CONTROL                                             | F.A.     | F.A.   | 0.00                 | 1000.00    | 0.00                  | 1000.00   | 0.00                 | 1000.00   | 0.00                 | 1000.00    | 0.00            | 1000.00   |
| 641.0100 | HYDRO-MULCH SEEDING                                                                   | 197500.  | SQ FT  | .13                  | 25675.00   | .25                   | 49375.00  | .20                  | 39500.00  | .15                  | 29625.00   | .40             | 79000.00  |
| 657.0100 | RECONSTRUCTED FENCE                                                                   | 4095.    | LIN FT | 2.50                 | 10237.50   | 3.00                  | 12285.00  | 5.00                 | 20475.00  | 5.00                 | 20475.00   | 3.00            | 12285.00  |
| 657.0200 | RECONSTRUCTED GATE                                                                    | 2.       | EACH   | 300.00               | 600.00     | 480.00                | 960.00    | 550.00               | 1100.00   | 540.00               | 1080.00    | 100.00          | 200.00    |
| 657.0300 | NEW POST FOR RECONSTRUCTED FENCE                                                      | 30.      | EACH   | 17.00                | 510.00     | 15.00                 | 450.00    | 18.00                | 540.00    | 18.00                | 540.00     | 2.50            | 75.00     |
| 657.0400 | NEW WIRE FOR RECONSTRUCTED FENCE                                                      | 40.      | LB     | 7.00                 | 280.00     | 1.00                  | 40.00     | 12.00                | 480.00    | 13.00                | 520.00     | .40             | 16.00     |
| 699.1000 | MOBILIZATION (NOT TO EXCEED 6 PER CENT OF THE SUM OF ALL ITEMS EXCLUDING THIS ITEM)   | L.S.     | L.S.   | 0.00                 | 21500.00   | 0.00                  | 22500.00  | 0.00                 | 20000.00  | 0.00                 | 39000.00   | 0.00            | 32163.00  |
|          | SUM OF ALL ITEMS                                                                      |          |        |                      | 472811.30* |                       | 479944.76 |                      | 515561.50 |                      | 700028.00* |                 | 568224.00 |
|          | * Corrected figures                                                                   |          |        |                      |            |                       |           |                      |           |                      |            |                 |           |
|          | I certify that this is a true and correct tabulation of bids opened for this project. |          |        |                      |            |                       |           |                      |           |                      |            |                 |           |
|          | <i>David J. Benier</i> 4/21/78<br>Design Engineer      Date                           |          |        |                      |            |                       |           |                      |           |                      |            |                 |           |
|          |                                                                                       |          |        |                      |            |                       |           |                      |           |                      |            |                 |           |
|          |                                                                                       |          |        |                      |            |                       |           |                      |           |                      |            |                 |           |
|          |                                                                                       |          |        |                      |            |                       |           |                      |           |                      |            |                 |           |
|          |                                                                                       |          |        |                      |            |                       |           |                      |           |                      |            |                 |           |
|          |                                                                                       |          |        |                      |            |                       |           |                      |           |                      |            |                 |           |