

**TABULATION OF BIDS**

**MAUNALO A ROAD**

FEDERAL AID SECONDARY PROJECT NO. S 21(1)

DISTRICT OF MOLOKAI - COUNTY OF MAUI

ISLAND OF MOLOKAI

JOB NO. 5288

(Opened Thursday, April 8, 1948)

First Advertised Honolulu Advertiser - Issue of March 20, 1948

| Item No.              | Name of Item                                                 | Unit Used | Quantity | J. M. TANAKA           |             | E. E. BLACK, LIMITED   |            | HAWAIIAN DREDGING CO., LTD. |            | JAS. W. GLOVER, LTD.   |            | MOSES AKIONA           |            | TERRITORY OF HAWAII |            |
|-----------------------|--------------------------------------------------------------|-----------|----------|------------------------|-------------|------------------------|------------|-----------------------------|------------|------------------------|------------|------------------------|------------|---------------------|------------|
|                       |                                                              |           |          | Bid Bond - \$13,500.00 |             | Bid Bond - \$15,000.00 |            | Proposal Bond - \$16,500.00 |            | Bid Bond - \$20,000.00 |            | Bid Bond - \$20,000.00 |            |                     |            |
|                       |                                                              |           |          | Price                  | Amount      | Price                  | Amount     | Price                       | Amount     | Price                  | Amount     | Price                  | Amount     | Price               | Amount     |
| 2001                  | Unclassified Excavation                                      | c. y.     | 420,000  | 0.43½                  | 182,700.00  | 0.55                   | 231,000.00 | 0.45                        | 189,000.00 | 0.73                   | 306,600.00 | 0.50                   | 210,000.00 | 0.40                | 168,000.00 |
| 2002                  | Unclassified Excavation for Structures other than at Bridges | c. y.     | 3,000    | 4.20                   | 12,600.00   | 4.30                   | 12,900.00  | 2.70                        | 8,100.00   | 4.25                   | 12,750.00  | 3.00                   | 9,000.00   | 2.50                | 7,500.00   |
| 2005                  | Furrow Ditches                                               | lin. ft.  | 2,000    | 0.20                   | 400.00      | 0.50                   | 1,000.00   | 0.31                        | 620.00     | 0.15                   | 300.00     | 0.30                   | 600.00     | 0.25                | 500.00     |
| 2008                  | Station Yard Overhaul                                        | sta. yd.  | 68,000   | 0.01                   | 680.00      | 0.008                  | 544.00     | 0.015                       | 1,020.00   | 0.015                  | 1,020.00   | 0.015                  | 1,020.00   | 0.015               | 1,020.00   |
| 2009                  | Mile Yard Overhaul                                           | mi. yd.   | 57,500   | 0.15                   | 8,625.00    | 0.175                  | 10,062.50  | 0.18                        | 10,350.00  | 0.20                   | 11,500.00  | 0.16                   | 9,200.00   | 0.18                | 10,350.00  |
| 2010                  | Hand Trimming Rounded Cut Slopes                             | lin. ft.  | 28,000   | 0.30                   | 8,400.00    | 0.20                   | 5,600.00   | 0.31                        | 8,680.00   | 0.35                   | 9,800.00   | 0.40                   | 11,200.00  | 0.25                | 7,000.00   |
| 2011                  | Compacting Original Ground                                   | sq. yds.  | 42,000   | 0.06                   | 2,520.00    | 0.065                  | 2,730.00   | 0.055                       | 2,310.00   | 0.15                   | 6,300.00   | 0.10                   | 4,200.00   | 0.10                | 4,200.00   |
| 2013                  | Sprinkling                                                   | M gals.   | 11,000   | 2.75                   | 30,250.00   | 2.00                   | 22,000.00  | 3.39                        | 37,290.00  | 3.75                   | 47,250.00  | 6.50                   | 71,500.00  | 4.50                | 49,500.00  |
| 2014                  | Mineral Aggregate                                            | c. y.     | 21,000   | 5.00                   | 105,000.00  | 4.85                   | 101,850.00 | 8.75                        | 183,750.00 | 6.50                   | 136,500.00 | 8.25                   | 173,250.00 | 5.00                | 105,000.00 |
| 2015                  | Filler                                                       | c. y.     | 6,300    | 5.40                   | 34,020.00   | 3.85                   | 24,255.00  | 8.75                        | 55,125.00  | 7.00                   | 44,100.00  | 9.75                   | 61,425.00  | 7.00                | 44,100.00  |
| 2016                  | Liquid Asphaltic Primer                                      | gals.     | 16,500   | 0.22                   | 3,630.00    | 0.16                   | 2,640.00   | 0.13                        | 2,145.00   | 0.22                   | 3,630.00   | 0.18                   | 2,970.00   | 0.15                | 2,475.00   |
| 2017                  | Bituminous Binder                                            | tons      | 660      | 91.00                  | 60,060.00   | 82.00                  | 54,120.00  | 93.00                       | 61,380.00  | 88.55                  | 58,443.00  | 110.00                 | 72,600.00  | 90.00               | 59,400.00  |
| 2021                  | Chips, Size No. 8                                            | c. y.     | 500      | 7.15                   | 3,575.00    | 6.50                   | 3,250.00   | 9.00                        | 4,500.00   | 7.00                   | 3,500.00   | 12.00                  | 6,000.00   | 7.00                | 3,500.00   |
| 2022                  | Rock Sand, Size No. 9                                        | c. y.     | 360      | 7.30                   | 2,628.00    | 6.80                   | 2,448.00   | 9.00                        | 3,240.00   | 7.00                   | 2,520.00   | 13.00                  | 4,680.00   | 7.00                | 2,520.00   |
| 2023                  | Coarse Rock, Size No. 3                                      | c. y.     | 8,300    | 5.50                   | 45,650.00*  | 6.50                   | 53,950.00  | 9.00                        | 74,700.00  | 7.00                   | 58,100.00  | 9.00                   | 74,700.00  | 5.00                | 41,500.00  |
| 2024                  | Keystone, Size No. 6                                         | c. y.     | 900      | 6.00                   | 5,400.00    | 6.50                   | 5,850.00   | 9.00                        | 8,100.00   | 7.00                   | 6,300.00   | 12.00                  | 10,800.00  | 7.00                | 6,300.00   |
| 2033                  | Class "A-1" Concrete other than in Bridges                   | c. y.     | 90       | 38.00                  | 3,420.00    | 29.25                  | 2,632.50   | 32.00                       | 2,880.00   | 49.00                  | 4,410.00   | 90.00                  | 8,100.00   | 65.00               | 5,850.00   |
| 2039                  | Reinforcing Steel other than in Bridges                      | lb.       | 1,450    | 0.14                   | 203.00      | 0.26                   | 377.00     | 0.19                        | 275.50     | 0.285                  | 413.25     | 0.20                   | 290.00     | 0.16                | 232.00     |
| 2041                  | Cement Rubble Masonry                                        | c. y.     | 200      | 30.00                  | 6,000.00    | 30.00                  | 6,000.00   | 30.00                       | 6,000.00   | 24.00                  | 4,800.00   | 50.00                  | 10,000.00  | 30.00               | 6,000.00   |
| 2052                  | 24" Corrugated Galvanized Metal Pipe Culvert                 | lin. ft.  | 1,328    | 4.20                   | 5,577.60    | 4.80                   | 6,374.40   | 4.60                        | 6,108.80   | 4.40                   | 5,843.20   | 5.00                   | 6,640.00   | 3.75                | 4,980.00   |
| 2062                  | 48" Corrugated Galvanized Metal Pipe Culvert                 | lin. ft.  | 530      | 10.40                  | 5,512.00    | 13.80                  | 7,314.00   | 11.75                       | 6,227.50   | 11.45                  | 6,068.50   | 11.10                  | 5,883.00   | 10.50               | 5,565.00   |
| 2087                  | Gate Guards                                                  | each      | 4        | 1,257.00               | 5,028.00    | 900.00                 | 3,600.00   | 1,300.00                    | 5,200.00   | 1,000.00               | 4,000.00   | 325.00                 | 1,300.00   | 400.00              | 1,600.00   |
| 2089                  | Standard Wood Guard Rail                                     | lin. ft.  | 4,200    | 2.45                   | 10,290.00   | 2.35                   | 9,870.00   | 2.15                        | 9,030.00   | 3.25                   | 13,650.00  | 3.00                   | 12,600.00  | 2.50                | 10,500.00  |
| 2094                  | Moving Existing Pipe Line                                    | lin. ft.  | 5,500    | 0.50                   | 2,750.00    | 0.25                   | 1,375.00   | 0.70                        | 3,850.00   | 0.15                   | 825.00     | 0.50                   | 2,750.00   | 0.50                | 2,750.00   |
| 2095                  | Warning Signs                                                | each      | 2        | 48.00                  | 96.00       | 40.50                  | 81.00      | 60.00                       | 120.00     | 48.50                  | 97.00      | 60.00                  | 120.00     | 35.00               | 70.00      |
| 2102                  | Reconstructed Fence                                          | lin. ft.  | 2,500    | 0.50                   | 1,250.00    | 0.32                   | 800.00     | 0.43                        | 1,075.00   | 0.46                   | 1,150.00   | 0.65                   | 1,625.00   | 0.50                | 1,250.00   |
| 2103                  | New Fence Posts                                              | each      | 100      | 2.50                   | 250.00      | 4.10                   | 410.00     | 4.00                        | 400.00     | 2.00                   | 200.00     | 3.50                   | 350.00     | 3.50                | 350.00     |
| 2104                  | New Wire                                                     | lb.       | 500      | 0.14                   | 70.00       | 0.11                   | 55.00      | 0.12                        | 60.00      | 0.14                   | 70.00      | 0.15                   | 75.00      | 0.20                | 100.00     |
| 2108                  | Centerline Monuments                                         | each      | 41       | 6.00                   | 246.00      | 6.30                   | 258.30     | 8.70                        | 356.70     | 8.10                   | 332.10     | 5.00                   | 205.00     | 5.00                | 205.00     |
| 2111                  | Federal Aid Markers                                          | each      | 2        | 30.00                  | 60.00       | 23.50                  | 47.00      | 37.00                       | 74.00      | 54.75                  | 109.50     | 50.00                  | 100.00     | 20.00               | 40.00      |
| 2117                  | Guide Posts                                                  | each      | 210      | 9.00                   | 1,890.00    | 9.90                   | 2,079.00   | 11.00                       | 2,310.00   | 14.80                  | 3,108.00   | 12.00                  | 2,520.00   | 7.00                | 1,470.00   |
| 2201                  | Precast Concrete Gutter                                      | sq. yd.   | 250      | 9.80                   | 2,450.00    | 8.00                   | 2,000.00   | 7.15                        | 1,787.50   | 8.65                   | 2,162.50   | 5.40                   | 1,350.00   | 5.00                | 1,250.00   |
| 2202                  | 30" Corrugated Galvanized Metal Pipe Culvert                 | lin. ft.  | 392      | 5.00                   | 1,960.00    | 6.15                   | 2,410.80   | 5.60                        | 2,195.20   | 5.30                   | 2,077.60   | 6.00                   | 2,352.00   | 5.25                | 2,058.00   |
| 2203                  | 36" Corrugated Galvanized Metal Pipe Culvert                 | lin. ft.  | 658      | 7.95                   | 5,231.10    | 9.55                   | 6,283.90   | 8.75                        | 5,757.50   | 8.70                   | 5,724.60   | 9.00                   | 5,922.00   | 6.50                | 4,277.00   |
| 2204                  | 60" Corrugated Galvanized Metal Pipe Culvert                 | lin. ft.  | 64       | 16.45                  | 1,052.80    | 20.00                  | 1,280.00   | 17.50                       | 1,120.00   | 17.60                  | 1,126.40   | 17.00                  | 1,088.00   | 13.50               | 864.00     |
| 2205                  | 84" Corrugated Galvanized Metal Pipe Culvert                 | lin. ft.  | 140      | 32.85                  | 4,599.00    | 33.50                  | 4,690.00   | 31.00                       | 4,340.00   | 30.50                  | 4,270.00   | 27.25                  | 3,815.00   | 23.00               | 3,220.00   |
| 2206                  | Moving Utility Poles - An Allowance of -                     |           |          |                        | 1,000.00    |                        | 1,000.00   |                             | 1,000.00   |                        | 1,000.00   |                        | 1,000.00   |                     | 1,000.00   |
| 2207                  | Roadside Improvement - An Allowance of -                     |           |          |                        | 3,500.00    |                        | 3,500.00   |                             | 3,500.00   |                        | 3,500.00   |                        | 3,500.00   |                     | 3,500.00   |
| SUM OF ALL ITEMS..... |                                                              |           |          |                        | 568,573.50* |                        | 596,637.40 |                             | 713,977.70 |                        | 767,550.65 |                        | 794,730.00 |                     | 569,996.00 |

\* Corrected Figure