

# TABULATION OF BIDS

| <b>PROJECT:</b> LIKELIKE HIGHWAY INTERSECTION IMPROVEMENTS AT NORTH SCHOOL STREET<br><b>PROJECT No.:</b> HES-063-1(18)<br><b>ISLAND:</b> OAHU <b>TYPE CODE:</b> SFTY (1A), Y031 and Y060<br><b>DATE ADVERTISED:</b> SEPTEMBER 22, 25, & 27, 1989<br><b>BIDS OPENED:</b> OCTOBER 26, 1989<br><b>COMPLETION TIME:</b> FIFTY (50) WORKING DAYS |                                                                                                            |          |           | SITE ENGINEERING |              | KAIKOR CONSTRUCTION CO., INC. |              | IDEAL CONSTRUCTION, INC. |              | OKADA TRUCKING CO., INC |              | HYGRADE ELECTRIC CO., LTD. |              | HAITSUKA BROTHERS |              | STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------|-----------|------------------|--------------|-------------------------------|--------------|--------------------------|--------------|-------------------------|--------------|----------------------------|--------------|-------------------|--------------|----------------------------------------------------------------------|--------------|
| ITEM No.                                                                                                                                                                                                                                                                                                                                    | ITEM                                                                                                       | QUANTITY | UNIT USED | UNIT PRICE       | AMOUNT       | UNIT PRICE                    | AMOUNT       | UNIT PRICE               | AMOUNT       | UNIT PRICE              | AMOUNT       | UNIT PRICE                 | AMOUNT       | UNIT PRICE        | AMOUNT       | UNIT PRICE                                                           | AMOUNT       |
| 203.0110                                                                                                                                                                                                                                                                                                                                    | Roadway Excavation                                                                                         | 380      | Cu. Yd.   | \$ 107.00        | \$ 40,660.00 | \$ 100.00                     | \$ 38,000.00 | \$ 255.00                | \$ 96,900.00 | \$ 143.00               | \$ 54,340.00 | \$ 77.00                   | \$ 29,260.00 | \$ 100.00         | \$ 38,000.00 | \$ 200.00                                                            | \$ 76,000.00 |
| 206.2020                                                                                                                                                                                                                                                                                                                                    | Structure Excavation for Drainage System                                                                   | 2        | Cu. Yd.   | 970.50           | 1,941.00     | 400.00                        | 800.00       | 2,000.00                 | 4,000.00     | 35,000.00               | 70,000.00    | 990.00                     | 1,980.00     | 1,000.00          | 2,000.00     | 200.00                                                               | 400.00       |
| 301.0100                                                                                                                                                                                                                                                                                                                                    | Plant Mix Asphalt Concrete Base Course                                                                     | 230      | Ton       | 88.70            | 20,401.00    | 100.00                        | 23,000.00    | 88.00                    | 20,240.00    | 82.00                   | 18,860.00    | 88.00                      | 20,240.00    | 100.00            | 23,000.00    | 120.00                                                               | 27,600.00    |
| 305.1100                                                                                                                                                                                                                                                                                                                                    | Aggregate Subbase                                                                                          | 80       | Cu. Yd.   | 104.45           | 8,356.00     | 150.00                        | 12,000.00    | 100.00                   | 8,000.00     | 45.00                   | 3,600.00     | 68.00                      | 5,440.00     | 200.00            | 16,000.00    | 80.00                                                                | 6,400.00     |
| 401.0500                                                                                                                                                                                                                                                                                                                                    | Asphalt Concrete Pavement, Mix No. V                                                                       | 55       | Ton       | 100.00           | 5,500.00     | 105.00                        | 5,775.00     | 100.00                   | 5,500.00     | 92.00                   | 5,060.00     | 99.00                      | 5,445.00     | 120.00            | 6,600.00     | 160.00                                                               | 8,800.00     |
| 408.0100                                                                                                                                                                                                                                                                                                                                    | MC-30 Liquid Asphalt for Prime Coat                                                                        | 160      | Gal       | 6.30             | 1,008.00     | 6.00                          | 960.00       | 6.25                     | 1,000.00     | 5.80                    | 928.00       | 6.00                       | 960.00       | 10.00             | 1,600.00     | 6.00                                                                 | 960.00       |
| 503.0010                                                                                                                                                                                                                                                                                                                                    | Class A Concrete Other Than in Bridges                                                                     | 2        | Cu. Yd.   | 1,962.00         | 3,924.00     | 6,000.00                      | 12,000.00    | 6,200.00                 | 12,400.00    | 1,800.00                | 3,600.00     | 3,500.00                   | 7,000.00     | 6,000.00          | 12,000.00    | 650.00                                                               | 1,300.00     |
| 602.1000                                                                                                                                                                                                                                                                                                                                    | Reinforcing Steel Other Than in Bridges                                                                    | 375      | Lb.       | 3.40             | 1,275.00     | 4.00                          | 1,500.00     | 5.00                     | 1,875.00     | 2.00                    | 750.00       | 2.00                       | 750.00       | 10.00             | 3,750.00     | 2.00                                                                 | 750.00       |
| 604.2150                                                                                                                                                                                                                                                                                                                                    | Frame and Cover, Type "P"                                                                                  | 2        | Each      | 322.00           | 644.00       | 600.00                        | 1,200.00     | 1,100.00                 | 2,200.00     | 475.00                  | 950.00       | 450.00                     | 900.00       | 1,000.00          | 2,000.00     | 350.00                                                               | 700.00       |
| 604.4900                                                                                                                                                                                                                                                                                                                                    | Adjusting Water Meter Box                                                                                  | 3        | Each      | 128.00           | 384.00       | 500.00                        | 1,500.00     | 400.00                   | 1,200.00     | 325.00                  | 975.00       | 360.00                     | 1,080.00     | 2,000.00          | 6,000.00     | 100.00                                                               | 300.00       |
| 608.1200                                                                                                                                                                                                                                                                                                                                    | 4-Inch Reinforced Concrete Sidewalk                                                                        | 205      | Sq. Yd.   | 63.10            | 12,935.50    | 55.00                         | 11,275.00    | 40.00                    | 8,200.00     | 42.00                   | 8,610.00     | 114.00                     | 23,370.00    | 120.00            | 24,600.00    | 60.00                                                                | 12,300.00    |
| 609.2010                                                                                                                                                                                                                                                                                                                                    | Curb, Type 2A                                                                                              | 60       | Lin. Ft.  | 45.20            | 2,712.00     | 32.00                         | 1,920.00     | 15.00                    | 900.00       | 10.00                   | 600.00       | 30.00                      | 1,800.00     | 70.00             | 4,200.00     | 30.00                                                                | 1,800.00     |
| 609.2020                                                                                                                                                                                                                                                                                                                                    | Curb, Type 2D                                                                                              | 35       | Lin. Ft.  | 35.70            | 1,249.50     | 30.00                         | 1,050.00     | 14.00                    | 490.00       | 12.00                   | 420.00       | 30.00                      | 1,050.00     | 60.00             | 2,100.00     | 30.00                                                                | 1,050.00     |
| 609.2720                                                                                                                                                                                                                                                                                                                                    | Curb and Gutter, Type 2DG                                                                                  | 424      | Lin. Ft.  | 33.85            | 14,352.40    | 20.00                         | 8,480.00     | 20.00                    | 8,480.00     | 25.00                   | 10,600.00    | 40.00                      | 16,960.00    | 80.00             | 33,920.00    | 40.00                                                                | 16,960.00    |
| 610.0600                                                                                                                                                                                                                                                                                                                                    | 6-Inch Reinforced Concrete Driveway                                                                        | 75       | Sq. Yd.   | 74.00            | 5,550.00     | 120.00                        | 9,000.00     | 40.00                    | 3,000.00     | 60.00                   | 4,500.00     | 150.00                     | 11,250.00    | 200.00            | 15,000.00    | 150.00                                                               | 11,250.00    |
| 621.5000                                                                                                                                                                                                                                                                                                                                    | Regulatory and Warning Sign (10 Square Feet of Less)                                                       | 6        | Each      | 271.30           | 1,627.80     | 300.00                        | 1,800.00     | 400.00                   | 2,400.00     | 250.00                  | 1,500.00     | 285.00                     | 1,710.00     | 335.00            | 2,010.00     | 150.00                                                               | 900.00       |
| 621.7100                                                                                                                                                                                                                                                                                                                                    | Construction Sign with Post                                                                                | 8        | Each      | 459.60           | 3,676.80     | 500.00                        | 4,000.00     | 550.00                   | 4,400.00     | 415.00                  | 3,320.00     | 480.00                     | 3,840.00     | 1,000.00          | 8,000.00     | 350.00                                                               | 2,800.00     |
| 623.2001                                                                                                                                                                                                                                                                                                                                    | Controller Assembly (Model 170 Traffic Signal Controller Unit, Model 336 Cabinet, and Auxiliary Equipment) | 1        | Each      | 12,292.00        | 12,292.00    | 23,957.00                     | 23,957.00    | 12,200.00                | 12,200.00    | 11,655.00               | 11,655.00    | 20,271.00                  | 20,271.00    | 12,765.00         | 12,765.00    | 10,000.00                                                            | 10,000.00    |
| 623.2010                                                                                                                                                                                                                                                                                                                                    | Install Type I Signal Standard                                                                             | 2        | Each      | 447.00           | 894.00       | 800.00                        | 1,600.00     | 450.00                   | 900.00       | 425.00                  | 850.00       | 556.00                     | 1,112.00     | 465.00            | 930.00       | 400.00                                                               | 800.00       |
| 623.2021                                                                                                                                                                                                                                                                                                                                    | Install Type II Signal Standard with 20-Foot Mast Arm                                                      | 1        | Each      | 2,793.00         | 2,793.00     | 5,000.00                      | 5,000.00     | 2,800.00                 | 2,800.00     | 2,650.00                | 2,650.00     | 3,741.00                   | 3,741.00     | 2,900.00          | 2,900.00     | 3,000.00                                                             | 3,000.00     |

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------|-----------|------------------|-------------|-------------------------------|-------------|--------------------------|-------------|-------------------------|-------------|----------------------------|-------------|-------------------|-------------|----------------------------------------------------------------------|-------------|
| ITEM No.                                                                                                                                                                                                                                                                                                                                    | ITEM                                                                                      | QUANTITY | UNIT USED | UNIT PRICE       | AMOUNT      | UNIT PRICE                    | AMOUNT      | UNIT PRICE               | AMOUNT      | UNIT PRICE              | AMOUNT      | UNIT PRICE                 | AMOUNT      | UNIT PRICE        | AMOUNT      | UNIT PRICE                                                           | AMOUNT      |
| 623.2022                                                                                                                                                                                                                                                                                                                                    | Install Type II Signal Standard with 35-Foot Mast Arm                                     | 1        | Each      | \$4,081.00       | \$ 4,081.00 | \$6,000.00                    | \$ 6,000.00 | \$4,050.00               | \$ 4,050.00 | \$3,870.00              | \$ 3,870.00 | \$5,500.00                 | \$ 5,500.00 | \$4,238.00        | \$ 4,238.00 | \$3,600.00                                                           | \$ 3,600.00 |
| 623.2030                                                                                                                                                                                                                                                                                                                                    | Furnish and Install Foundation for Type I Signal Standard                                 | 2        | Each      | 166.00           | 332.00      | 400.00                        | 800.00      | 200.00                   | 400.00      | 155.00                  | 310.00      | 1,500.00                   | 3,000.00    | 173.00            | 346.00      | 400.00                                                               | 800.00      |
| 623.2040                                                                                                                                                                                                                                                                                                                                    | Furnish and Install Foundation for Type II Signal Standard                                | 2        | Each      | 3,322.00         | 6,644.00    | 2,000.00                      | 4,000.00    | 3,300.00                 | 6,600.00    | 3,150.00                | 6,300.00    | 5,744.00                   | 11,488.00   | 3,450.00          | 6,900.00    | 1,500.00                                                             | 3,000.00    |
| 623.2050                                                                                                                                                                                                                                                                                                                                    | Furnish and Install Foundation for Controller Cabinet                                     | 1        | Each      | 694.00           | 694.00      | 1,000.00                      | 1,000.00    | 700.00                   | 700.00      | 660.00                  | 660.00      | 308.00                     | 308.00      | 721.00            | 721.00      | 600.00                                                               | 600.00      |
| 623.3000                                                                                                                                                                                                                                                                                                                                    | Install Traffic Signal Assembly (One Way, 12-Inch, One Vertical with Slipfitter Mounting) | 2        | Each      | 565.00           | 1,130.00    | 1,000.00                      | 2,000.00    | 550.00                   | 1,100.00    | 535.00                  | 1,070.00    | 568.00                     | 1,136.00    | 588.00            | 1,176.00    | 400.00                                                               | 800.00      |
| 623.3010                                                                                                                                                                                                                                                                                                                                    | Install Traffic Signal Assembly (Two Way, 12-Inch, Two Vertical with Slipfitter Mounting) | 1        | Each      | 991.00           | 991.00      | 1,500.00                      | 1,500.00    | 1,000.00                 | 1,000.00    | 940.00                  | 940.00      | 1,022.00                   | 1,022.00    | 1,030.00          | 1,030.00    | 600.00                                                               | 600.00      |
| 623.3030                                                                                                                                                                                                                                                                                                                                    | Install Traffic Signal Assembly (One Way, 12-Inch, One Vertical with Bracket Mounting)    | 1        | Each      | 513.00           | 513.00      | 1,000.00                      | 1,000.00    | 500.00                   | 500.00      | 490.00                  | 490.00      | 600.00                     | 600.00      | 534.00            | 534.00      | 400.00                                                               | 400.00      |
| 623.3060                                                                                                                                                                                                                                                                                                                                    | Install Traffic Signal Assembly (One Way, 12-Inch, One Vertical with Mast Arm Mounting)   | 3        | Each      | 675.00           | 2,025.00    | 1,000.00                      | 3,000.00    | 675.00                   | 2,025.00    | 640.00                  | 1,920.00    | 909.00                     | 2,727.00    | 702.00            | 2,106.00    | 400.00                                                               | 1,200.00    |
| 623.4030                                                                                                                                                                                                                                                                                                                                    | Install Pedestrian Signal Assembly (Two Way, 12-Inch, Two Vertical with Bracket Mounting) | 3        | Each      | 1,350.00         | 4,050.00    | 1,500.00                      | 4,500.00    | 1,340.00                 | 4,020.00    | 1,280.00                | 3,840.00    | 1,257.00                   | 3,771.00    | 1,402.00          | 4,206.00    | 500.00                                                               | 1,500.00    |
| 623.4040                                                                                                                                                                                                                                                                                                                                    | Install Pedestrian Push Button with Sign                                                  | 6        | Each      | 137.00           | 822.00      | 300.00                        | 1,800.00    | 140.00                   | 840.00      | 130.00                  | 780.00      | 465.00                     | 2,790.00    | 143.00            | 858.00      | 150.00                                                               | 900.00      |
| 623.5001                                                                                                                                                                                                                                                                                                                                    | Furnish and Install One 2-Inch Conduit Schedule 80 (100 Lin. Ft.)                         | L.S.     | L.S.      | L.S.             | 3,589.00    | L.S.                          | 4,000.00    | L.S.                     | 3,600.00    | L.S.                    | 3,400.00    | L.S.                       | 1,260.00    | L.S.              | 3,728.00    | L.S.                                                                 | 3,200.00    |
| 623.5011                                                                                                                                                                                                                                                                                                                                    | Furnish and Install Two 2-Inch Conduit Schedule 80(150 Lin. Ft.)                          | L.S.     | L.S.      | L.S.             | 6,201.00    | L.S.                          | 6,500.00    | L.S.                     | 6,100.00    | L.S.                    | 5,900.00    | L.S.                       | 20,582.00   | L.S.              | 6,440.00    | L.S.                                                                 | 6,000.00    |
| 623.5021                                                                                                                                                                                                                                                                                                                                    | Furnish and Install Three 2-Inch Conduit Schedule 80 (125 Lin. Ft.)                       | L.S.     | L.S.      | L.S.             | 5,537.00    | L.S.                          | 8,000.00    | L.S.                     | 5,500.00    | L.S.                    | 5,250.00    | L.S.                       | 23,120.00   | L.S.              | 5,750.00    | L.S.                                                                 | 6,250.00    |
| 623.5031                                                                                                                                                                                                                                                                                                                                    | Furnish and Install Four 2-Inch Conduit Schedule 80 (140 Lin Ft)                          | L.S.     | L.S.      | L.S.             | 6,768.00    | L.S.                          | 9,000.00    | L.S.                     | 6,700.00    | L.S.                    | 6,420.00    | L.S.                       | 16,685.00   | L.S.              | 7,029.00    | L.S.                                                                 | 7,000.00    |
| 623.5041                                                                                                                                                                                                                                                                                                                                    | Furnish and Install Eight 2-Inch Conduit Schedule 80 (10 Lin Ft)                          | L.S.     | L.S.      | L.S.             | 644.00      | L.S.                          | 1,200.00    | L.S.                     | 700.00      | L.S.                    | 610.00      | L.S.                       | 930.00      | L.S.              | 670.00      | L.S.                                                                 | 1,000.00    |

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------|--------------|------------------|-------------|----------------------------------|-------------|-----------------------------|-------------|-------------------------|-------------|-------------------------------|-------------|----------------------|-------------|----------------------------------------------------------------------|-------------|
| ITEM No.                                                                                                                                                                                                                                                                                                                                               | ITEM                                                                                                     | QUANTITY | UNIT<br>USED | UNIT<br>PRICE    | AMOUNT      | UNIT<br>PRICE                    | AMOUNT      | UNIT<br>PRICE               | AMOUNT      | UNIT<br>PRICE           | AMOUNT      | UNIT<br>PRICE                 | AMOUNT      | UNIT<br>PRICE        | AMOUNT      | UNIT<br>PRICE                                                        | AMOUNT      |
| 623.6010                                                                                                                                                                                                                                                                                                                                               | Furnish and Install Type B Pullbox                                                                       | 5        | Each         | \$ 442.00        | \$ 2,210.00 | \$ 600.00                        | \$ 3,000.00 | \$ 440.00                   | \$ 2,200.00 | \$ 420.00               | \$ 2,100.00 | \$ 530.00                     | \$ 2,650.00 | \$ 460.00            | \$ 2,300.00 | \$ 400.00                                                            | \$ 2,000.00 |
| 623.7020                                                                                                                                                                                                                                                                                                                                               | Install No. 6, 3-Conductor Power Cable<br>(110 Lin. Ft.)                                                 | L.S.     | L.S.         | L.S.             | 2,202.00    | L.S.                             | 2,000.00    | L.S.                        | 2,200.00    | L.S.                    | 2,090.00    | L.S.                          | 1,538.00    | L.S.                 | 2,288.00    | L.S.                                                                 | 660.00      |
| 623.7040                                                                                                                                                                                                                                                                                                                                               | Install No. 14, 26-Conductor Traffic Control<br>Cable (470 Lin. Ft.)                                     | L.S.     | L.S.         | L.S.             | 1,989.00    | L.S.                             | 3,000.00    | L.S.                        | 2,000.00    | L.S.                    | 1,885.00    | L.S.                          | 3,000.00    | L.S.                 | 2,066.00    | L.S.                                                                 | 2,820.00    |
| 623.7042                                                                                                                                                                                                                                                                                                                                               | Install No. 14, 2-Conductor Loop Detector<br>Lead-In or Pedestrian Push Button Cable<br>(3,900 Lin. Ft.) | L.S.     | L.S.         | L.S.             | 3,607.00    | L.S.                             | 6,000.00    | L.S.                        | 3,600.00    | L.S.                    | 3,420.00    | L.S.                          | 3,500.00    | L.S.                 | 3,746.00    | L.S.                                                                 | 3,900.00    |
| 623.7052                                                                                                                                                                                                                                                                                                                                               | Install Loop Detector Sensing Unit<br>(6 Ft x 6 Ft), One Loop                                            | 10       | Each         | 470.00           | 4,700.00    | 700.00                           | 7,000.00    | 470.00                      | 4,700.00    | 445.00                  | 4,450.00    | 520.00                        | 5,200.00    | 490.00               | 4,900.00    | 400.00                                                               | 4,000.00    |
| 623.7053                                                                                                                                                                                                                                                                                                                                               | Install Loop Detector Sensing Unit<br>(6 Ft x 6 Ft), Four Loop                                           | 1        | Each         | 1,439.00         | 1,439.00    | 2,500.00                         | 2,500.00    | 1,400.00                    | 1,400.00    | 1,365.00                | 1,365.00    | 1,990.00                      | 1,990.00    | 1,495.00             | 1,495.00    | 1,600.00                                                             | 1,600.00    |
| 623.7054                                                                                                                                                                                                                                                                                                                                               | Install Loop Detector Sensing Unit<br>(6 Ft x 6 Ft), Six Loop                                            | 1        | Each         | 2,104.00         | 2,104.00    | 4,000.00                         | 4,000.00    | 2,100.00                    | 2,100.00    | 1,995.00                | 1,995.00    | 2,900.00                      | 2,900.00    | 2,185.00             | 2,185.00    | 2,400.00                                                             | 2,400.00    |
| 629.1011                                                                                                                                                                                                                                                                                                                                               | 4-Inch Pavement Striping (Thermoplastic<br>Extrusion) (1100 Lin. Ft.)                                    | L.S.     | L.S.         | L.S.             | 730.00      | L.S.                             | 700.00      | L.S.                        | 730.00      | L.S.                    | 675.00      | L.S.                          | 726.00      | L.S.                 | 860.00      | L.S.                                                                 | 2,200.00    |
| 629.1013                                                                                                                                                                                                                                                                                                                                               | 4-Inch Pavement Striping (Thermoplastic<br>Extrusion or Tape, Type II) (75 Lin. Ft.)                     | L.S.     | L.S.         | L.S.             | 50.00       | L.S.                             | 100.00      | L.S.                        | 50.00       | L.S.                    | 46.00       | L.S.                          | 50.00       | L.S.                 | 80.00       | L.S.                                                                 | 150.00      |
| 629.1014                                                                                                                                                                                                                                                                                                                                               | 8-Inch Pavement Striping (Tape, Type I)<br>(250 Lin. Ft.)                                                | L.S.     | L.S.         | L.S.             | 622.00      | L.S.                             | 600.00      | L.S.                        | 620.00      | L.S.                    | 574.00      | L.S.                          | 618.00      | L.S.                 | 1,200.00    | L.S.                                                                 | 875.00      |
| 629.1015                                                                                                                                                                                                                                                                                                                                               | 8-Inch Pavement Striping (Thermoplastic<br>Extrusion or Tape, Type II) (350 Lin. Ft.)                    | L.S.     | L.S.         | L.S.             | 297.00      | L.S.                             | 300.00      | L.S.                        | 300.00      | L.S.                    | 275.00      | L.S.                          | 296.00      | L.S.                 | 900.00      | L.S.                                                                 | 1,050.00    |
| 629.1016                                                                                                                                                                                                                                                                                                                                               | 12-Inch Pavement Striping (Thermoplastic<br>Extrusion) (150 Lin. Ft.)                                    | L.S.     | L.S.         | L.S.             | 154.00      | L.S.                             | 200.00      | L.S.                        | 160.00      | L.S.                    | 141.00      | L.S.                          | 153.00      | L.S.                 | 585.00      | L.S.                                                                 | 600.00      |
| 629.1017                                                                                                                                                                                                                                                                                                                                               | 12-Inch Pavement Striping (Thermoplastic<br>Extrusion or Tape, Type II) (50 Lin. Ft.)                    | L.S.     | L.S.         | L.S.             | 50.00       | L.S.                             | 100.00      | L.S.                        | 50.00       | L.S.                    | 47.00       | L.S.                          | 51.00       | L.S.                 | 200.00      | L.S.                                                                 | 200.00      |
| 629.1018                                                                                                                                                                                                                                                                                                                                               | Double 4-Inch Pavement Striping (Tape,<br>Type I) (850 Lin. Ft.)                                         | L.S.     | L.S.         | L.S.             | 2,117.00    | L.S.                             | 2,500.00    | L.S.                        | 2,100.00    | L.S.                    | 1,950.00    | L.S.                          | 2,103.00    | L.S.                 | 4,000.00    | L.S.                                                                 | 2,975.00    |

## TABULATION OF BIDS

| <b>PROJECT:</b> LIKELIKE HIGHWAY INTERSECTION IMPROVEMENTS AT NORTH SCHOOL STREET<br><b>PROJECT No.:</b> HES-063-1(18)<br><b>ISLAND:</b> OAHU <b>TYPE CODE:</b> SFTY (1A), Y031 and Y060<br><b>DATE ADVERTISED:</b> SEPTEMBER 22, 25, & 27, 1989<br><br><b>BIDS OPENED:</b> OCTOBER 26, 1989<br><b>COMPLETION TIME:</b> FIFTY (50) WORKING DAYS                                                                         |                                                                                              |          |           | SITE ENGINEERING |              | KAIKOR CONSTRUCTION CO., INC. |              | IDEAL CONSTRUCTION, INC. |              | OKADA TRUCKING CO., INC |              | HYGRADE ELECTRIC CO., LTD. |              | HAITSUKA BROTHERS |              | STATE OF HAWAII<br>DEPARTMENT OF TRANSPORTATION<br>HIGHWAYS DIVISION |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------|-----------|------------------|--------------|-------------------------------|--------------|--------------------------|--------------|-------------------------|--------------|----------------------------|--------------|-------------------|--------------|----------------------------------------------------------------------|--------------|
| ITEM No.                                                                                                                                                                                                                                                                                                                                                                                                                | ITEM                                                                                         | QUANTITY | UNIT USED | UNIT PRICE       | AMOUNT       | UNIT PRICE                    | AMOUNT       | UNIT PRICE               | AMOUNT       | UNIT PRICE              | AMOUNT       | UNIT PRICE                 | AMOUNT       | UNIT PRICE        | AMOUNT       | UNIT PRICE                                                           | AMOUNT       |
| 629.1021                                                                                                                                                                                                                                                                                                                                                                                                                | Crosswalk Marking (Thermoplastic Extrusion) (20 Lane)                                        | L.S.     | L.S.      | L.S.             | \$ 1,993.00  | L.S.                          | \$ 2,000.00  | L.S.                     | \$ 2,000.00  | L.S.                    | \$ 1,835.00  | L.S.                       | \$ 1,980.00  | L.S.              | \$ 3,000.00  | L.S.                                                                 | \$ 6,000.00  |
| 629.1031                                                                                                                                                                                                                                                                                                                                                                                                                | Pavement Arrows (Tape, Type I)                                                               | 23       | Each      | \$ 121.80        | 2,801.40     | \$ 120.00                     | 2,760.00     | \$ 120.00                | 2,760.00     | 112.00                  | 2,576.00     | 121.00                     | 2,783.00     | 160.00            | 3,680.00     | 130.00                                                               | 2,990.00     |
| 629.2010                                                                                                                                                                                                                                                                                                                                                                                                                | Type A Pavement Markers (100 Each)                                                           | L.S.     | L.S.      | L.S.             | 332.00       | L.S.                          | 350.00       | L.S.                     | 330.00       | L.S.                    | 305.00       | L.S.                       | 330.00       | L.S.              | 300.00       | L.S.                                                                 | 600.00       |
| 629.2031                                                                                                                                                                                                                                                                                                                                                                                                                | Type CL Pavement Markers (65 Each)                                                           | L.S.     | L.S.      | L.S.             | 287.00       | L.S.                          | 300.00       | L.S.                     | 300.00       | L.S.                    | 265.00       | L.S.                       | 286.00       | L.S.              | 280.00       | L.S.                                                                 | 520.00       |
| 629.2041                                                                                                                                                                                                                                                                                                                                                                                                                | Type DL Pavement Markers (20 Each)                                                           | L.S.     | L.S.      | L.S.             | 88.00        | L.S.                          | 100.00       | L.S.                     | 100.00       | L.S.                    | 82.00        | L.S.                       | 88.00        | L.S.              | 100.00       | L.S.                                                                 | 160.00       |
| 629.2071                                                                                                                                                                                                                                                                                                                                                                                                                | Type HL Pavement Markers (30 Each)                                                           | L.S.     | L.S.      | L.S.             | 132.00       | L.S.                          | 150.00       | L.S.                     | 130.00       | L.S.                    | 125.00       | L.S.                       | 132.00       | L.S.              | 130.00       | L.S.                                                                 | 240.00       |
| 645.0200                                                                                                                                                                                                                                                                                                                                                                                                                | Police Officers and/or Additional Traffic Control Devices                                    | F.A.     | F.A.      | F.A.             | 15,000.00    | F.A.                          | 15,000.00    | F.A.                     | 15,000.00    | F.A.                    | 15,000.00    | F.A.                       | 15,000.00    | F.A.              | 15,000.00    | F.A.                                                                 | 15,000.00    |
| 650.0020                                                                                                                                                                                                                                                                                                                                                                                                                | Type C Wheelchair Ramp                                                                       | 1        | Each      | 1,614.00         | 1,614.00     | 3,000.00                      | 3,000.00     | 1,500.00                 | 1,500.00     | 450.00                  | 450.00       | 880.00                     | 880.00       | 2,200.00          | 2,200.00     | 2,000.00                                                             | 2,000.00     |
| 650.0300                                                                                                                                                                                                                                                                                                                                                                                                                | Modified Type C Wheelchair Ramp                                                              | 1        | Each      | 2,817.60         | 2,817.60     | 3,000.00                      | 3,000.00     | 1,500.00                 | 1,500.00     | 700.00                  | 700.00       | 880.00                     | 880.00       | 1,200.00          | 1,200.00     | 2,000.00                                                             | 2,000.00     |
|                                                                                                                                                                                                                                                                                                                                                                                                                         | a. SUM OF ALL ITEMS                                                                          |          |           |                  | \$233,533.00 |                               | \$277,777.00 |                          | \$286,750.00 |                         | \$287,879.00 |                            | \$300,212.00 |                   | \$315,802.00 |                                                                      | \$275,860.00 |
|                                                                                                                                                                                                                                                                                                                                                                                                                         | *b. Furnish domestic steel; and/or foreign steel not to exceed minimal amount. (Fill in "0") |          |           |                  | 0.00         |                               | 0.00         |                          | 0.00         |                         | 0.00         |                            | 0.00         |                   | 0.00         |                                                                      | 0.00         |
|                                                                                                                                                                                                                                                                                                                                                                                                                         | *c. Furnish foreign steel in excess of minimal amount (25% x a)                              |          |           |                  | 0.00         |                               | 0.00         |                          | 0.00         |                         | 0.00         |                            | 0.00         |                   | 0.00         |                                                                      | 0.00         |
|                                                                                                                                                                                                                                                                                                                                                                                                                         | *d. AMOUNT FOR COMPARISON OF BIDS (a + b or a + c)                                           |          |           |                  | \$233,533.00 |                               | \$277,777.00 |                          | \$286,750.00 |                         | \$287,879.00 |                            | \$300,212.00 |                   | \$315,802.00 |                                                                      | \$275,860.00 |
| *All bidders must fill in either b or c, and complete d.<br><br>I certify that this is a true and correct tabulation of bids opened for this project.<br><br><div style="display: flex; justify-content: space-between;"> <div> <i>Richard H. Takaesu</i><br/>             Richard H. Takaesu<br/>             Project Manager           </div> <div>             11/6/89<br/>             Date           </div> </div> |                                                                                              |          |           |                  |              |                               |              |                          |              |                         |              |                            |              |                   |              |                                                                      |              |