

TABULATION OF BIDS

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|---|---|---------------------|-----------|-----------------------------------|--------------|---------------------------------|--------------|---------------------------------------|--------------|---|--------------|
| PROJECT: MOANALUA FREEWAY HIGHWAY LIGHTING IMPROVEMENTS HALAWA TO H-3 OVERPASS | | | | KIEWIT INFRASTRUCTURE WEST CO. | | MIRA IMAGE CONSTRUCTION, LLC | | PAUL'S ELECTRICAL CONTRACTING, LLC | | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION | |
| PROJECT NO.: NH-H201(006) Net Length of Project: 0.73 Miles | | | | | | | | | | | |
| ISLAND: OAHU DISTRICT: HONOLULU | | | | | | | | | | | |
| DATE ADVERTISED: Internet Posting, February, 4, 2021 TYPE CODE: 21 | | | | | | | | | | | |
| BIDS OPENED: June 14, 2021 | | | | | | | | | | | |
| COMPLETION TIME: Two Hundred and Seventy Two (272) Working Days | | | | | | | | | | | |
| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT USED | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| 202.0200 | Removal of existing concrete median barrier atop approach slab and bridge deck (including flare lengths as shown on SX.1 - up to 42'-0" total length) | 84 | L.F. | \$150.00 | \$12,600.00 | \$1,641.00 | \$137,844.00 | \$1,700.00 | \$142,800.00 | \$750.00 | \$63,000.00 |
| 202.0400 | Removal of portion of existing concrete median barrier (3'-0" total length) | 3 | L.F. | \$650.00 | \$1,950.00 | \$2,720.00 | \$8,160.00 | \$5,000.00 | \$15,000.00 | \$750.00 | \$2,250.00 |
| 209.0100 | Installation, maintenance, monitoring & removal of BMP | L.S. | L.S. | L.S. | \$125,000.00 | L.S. | \$85,950.00 | L.S. | \$270,000.00 | L.S. | \$30,000.00 |
| 209.0200 | Additional water pollution, dust and erosion control | F.A. | F.A. | F.A. | \$14,000.00 | F.A. | \$14,000.00 | F.A. | \$14,000.00 | F.A. | \$14,000.00 |
| 401.0100 | HMA Pavement, Mix No. IV | 500 | T.N. | \$260.00 | \$130,000.00 | \$455.00 | \$227,500.00 | \$450.00 | \$225,000.00 | \$100.00 | \$50,000.00 |
| 503.0130 | Concrete median barrier light pole foundation atop slab or deck (including flare lengths as shown on SX.1 - up to 14'-0" total length) | 2 | E.A. | \$35,000.00 | \$70,000.00 | \$52,885.00 | \$105,770.00 | \$50,000.00 | \$100,000.00 | \$50,000.00 | \$100,000.00 |
| 503.0170 | Concrete glare screen | 350 | L.F. | \$500.00 | \$175,000.00 | \$310.00 | \$108,500.00 | \$420.00 | \$147,000.00 | \$100.00 | \$35,000.00 |
| 511.0100 | Furnishing drilled shaft drilling equipment | L.S. | L.S. | L.S. | \$30,000.00 | L.S. | \$17,175.00 | L.S. | \$400,000.00 | L.S. | \$50,000.00 |
| 511.0200 | Drilled shaft (24-inch diameter) | 159 | L.F. | \$550.00 | \$87,450.00 | \$650.00 | \$103,350.00 | \$10.00 | \$1,590.00 | \$1,900.00 | \$302,100.00 |
| 511.0300 | Unclassified shaft excavation | 159 | L.F. | \$260.00 | \$41,340.00 | \$198.00 | \$31,482.00 | \$10.00 | \$1,590.00 | \$425.00 | \$67,575.00 |
| 511.0400 | Formed top of drilled shaft pedestal | 15 | E.A. | \$1,500.00 | \$22,500.00 | \$3,500.00 | \$52,500.00 | \$1,000.00 | \$15,000.00 | \$8,500.00 | \$127,500.00 |
| 616.0100 | Relocate Existing Sprinkler System | F.A. | F.A. | F.A. | \$5,000.00 | F.A. | \$5,000.00 | F.A. | \$5,000.00 | F.A. | \$5,000.00 |
| 622.1110 | Roadway Lighting System - Demolition of pole light assembly, including cutting of concrete light pole bases | 7 | E.A. | \$4,000.00 | \$28,000.00 | \$2,500.00 | \$17,500.00 | \$20,000.00 | \$140,000.00 | \$2,000.00 | \$14,000.00 |

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|---|--|---------------------|-----------|-----------------------------------|--------------|---------------------------------|--------------|---------------------------------------|--------------|---|--------------|
| PROJECT: MOANALUA FREEWAY HIGHWAY LIGHTING IMPROVEMENTS HALAWA TO H-3 OVERPASS | | | | KIEWIT INFRASTRUCTURE WEST CO. | | MIRA IMAGE CONSTRUCTION, LLC | | PAUL'S ELECTRICAL CONTRACTING, LLC | | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION | |
| PROJECT NO.: NH-H201(006) Net Length of Project: 0.73 Miles | | | | | | | | | | | |
| ISLAND: OAHU DISTRICT: HONOLULU | | | | | | | | | | | |
| DATE ADVERTISED: Internet Posting, February, 4, 2021 TYPE CODE: 21 | | | | | | | | | | | |
| BIDS OPENED: June 14, 2021 | | | | | | | | | | | |
| COMPLETION TIME: Two Hundred and Seventy Two (272) Working Days | | | | | | | | | | | |
| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT USED | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| 622.1120 | Roadway Lighting System - Removal of handholes, exposed junction boxes and raceways | L.S. | L.S. | L.S. | \$60,000.00 | L.S. | \$150,000.00 | L.S. | \$270,000.00 | L.S. | \$27,000.00 |
| 622.1210 | Roadway Lighting System - Twin luminaire and light pole mounted on top of median barrier | 2 | E.A. | \$40,000.00 | \$80,000.00 | \$13,300.00 | \$26,600.00 | \$15,000.00 | \$30,000.00 | \$10,000.00 | \$20,000.00 |
| 622.1220 | Roadway Lighting System - Luminaire and light pole mounted on grade | 2 | E.A. | \$30,000.00 | \$60,000.00 | \$12,500.00 | \$25,000.00 | \$10,000.00 | \$20,000.00 | \$10,000.00 | \$20,000.00 |
| 622.1240 | Roadway Lighting System - Twin luminaire and light pole mounted at planter of median barrier | 13 | E.A. | \$37,500.00 | \$487,500.00 | \$12,000.00 | \$156,000.00 | \$10,000.00 | \$130,000.00 | \$10,000.00 | \$130,000.00 |
| 622.1280 | Roadway Lighting System - Lights Under Overpass | 2 | E.A. | \$10,000.00 | \$20,000.00 | \$3,500.00 | \$7,000.00 | \$5,000.00 | \$10,000.00 | \$2,250.00 | \$4,500.00 |
| 622.1310 | Roadway Lighting System - 1-2"C at median parapet wall for street lights | 350 | L.F. | \$30.00 | \$10,500.00 | \$16.50 | \$5,775.00 | \$150.00 | \$52,500.00 | \$20.00 | \$7,000.00 |
| 622.1330 | Roadway Lighting System - 1-2"C ductline for street lights. Trenching & backfill & conc. Jacket not included | 2700 | L.F. | \$15.00 | \$40,500.00 | \$19.00 | \$51,300.00 | \$3.00 | \$8,100.00 | \$15.00 | \$40,500.00 |
| 622.1350 | Roadway Lighting System - 3/4"C, PVC coated GRS for overpass lighting | 150 | L.F. | \$200.00 | \$30,000.00 | \$117.00 | \$17,550.00 | \$60.00 | \$9,000.00 | \$200.00 | \$30,000.00 |
| 622.1360 | Roadway Lighting System - 4#1, 1#6 G for street lighting | 3200 | L.F. | \$18.00 | \$57,600.00 | \$18.50 | \$59,200.00 | \$5.00 | \$16,000.00 | \$25.00 | \$80,000.00 |
| 622.1410 | Roadway Lighting System - Type A highway lighting pullbox | 9 | E.A. | \$3,000.00 | \$27,000.00 | \$1,000.00 | \$9,000.00 | \$6,000.00 | \$54,000.00 | \$8,000.00 | \$72,000.00 |
| 622.1420 | Roadway Lighting System - Type B highway lighting pullbox | 5 | E.A. | \$2,800.00 | \$14,000.00 | \$1,500.00 | \$7,500.00 | \$7,000.00 | \$35,000.00 | \$9,000.00 | \$45,000.00 |

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|---|---|---------------------|-----------|-----------------------------------|--------------|---------------------------------|--------------|---------------------------------------|--------------|---|--------------|
| PROJECT: MOANALUA FREEWAY HIGHWAY LIGHTING IMPROVEMENTS HALAWA TO H-3 OVERPASS | | | | | | | | | | | |
| PROJECT NO.: NH-H201(006) Net Length of Project: 0.73 Miles | | | | | | | | | | | |
| ISLAND: OAHU DISTRICT: HONOLULU | | | | KIEWIT INFRASTRUCTURE WEST CO. | | MIRA IMAGE CONSTRUCTION, LLC | | PAUL'S ELECTRICAL CONTRACTING, LLC | | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION | |
| DATE ADVERTISED: Internet Posting, February, 4, 2021 | | | | TYPE CODE: 21 | | | | | | | |
| BIDS OPENED: June 14, 2021 | | | | | | | | | | | |
| COMPLETION TIME: Two Hundred and Seventy Two (272) Working Days | | | | | | | | | | | |
| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT USED | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| 622.1430 | Roadway Lighting System - Junction box for street lighting mounted on bridge | 5 | E.A. | \$2,800.00 | \$14,000.00 | \$2,963.00 | \$14,815.00 | \$1,000.00 | \$5,000.00 | \$3,000.00 | \$15,000.00 |
| 622.1440 | Roadway Lighting System - Pullbox with metal covers at median parapet wall for street lighting | 3 | E.A. | \$3,000.00 | \$9,000.00 | \$5,462.00 | \$16,386.00 | \$12,000.00 | \$36,000.00 | \$8,000.00 | \$24,000.00 |
| 622.3110 | ITS System - 2-2"C Communication at median parapet wall for ITS | 350 | L.F. | \$55.00 | \$19,250.00 | \$27.00 | \$9,450.00 | \$50.00 | \$17,500.00 | \$18.00 | \$6,300.00 |
| 622.3130 | ITS System - 2-2"C Communication and 1-2"C Power ductline. Trenching & backfill & conc. jacket not included | 2300 | L.F. | \$50.00 | \$115,000.00 | \$25.00 | \$57,500.00 | \$9.00 | \$20,700.00 | \$40.00 | \$92,000.00 |
| 622.3210 | ITS System - Type B communication system pullbox | 9 | E.A. | \$3,000.00 | \$27,000.00 | \$4,020.00 | \$36,180.00 | \$7,000.00 | \$63,000.00 | \$9,000.00 | \$81,000.00 |
| 622.3220 | ITS System - Junction box for ITS mounted on bridge | 2 | E.A. | \$5,500.00 | \$11,000.00 | \$5,450.00 | \$10,900.00 | \$5,000.00 | \$10,000.00 | \$3,000.00 | \$6,000.00 |
| 622.3230 | ITS System - Pullbox with metal covers at median parapet wall for ITS | 3 | E.A. | \$3,000.00 | \$9,000.00 | \$5,450.00 | \$16,350.00 | \$12,000.00 | \$36,000.00 | \$8,000.00 | \$24,000.00 |
| 622.4120 | Roadway Lighting/ITS System - Trenching, backfill & conc. jacket for street lights and ITS | 2700 | L.F. | \$55.00 | \$148,500.00 | \$110.00 | \$297,000.00 | \$50.00 | \$135,000.00 | \$250.00 | \$675,000.00 |
| 634.0100 | Portland Cement Concrete Sidewalk in planter | 1050 | S.Y. | \$115.00 | \$120,750.00 | \$77.00 | \$80,850.00 | \$220.00 | \$231,000.00 | \$75.00 | \$78,750.00 |
| 636.0100 | E-Construction | F.A. | F.A. | F.A. | \$40,400.00 | F.A. | \$40,400.00 | F.A. | \$40,400.00 | F.A. | \$40,400.00 |
| 641.0100 | Hydro-Mulch Seeding | L.S. | L.S. | L.S. | \$8,000.00 | L.S. | \$50,000.00 | L.S. | \$30,000.00 | L.S. | \$25,000.00 |
| 641.0200 | Maintenance of Existing Landscape | F.A. | F.A. | F.A. | \$40,000.00 | F.A. | \$40,000.00 | F.A. | \$40,000.00 | F.A. | \$40,000.00 |
| 645.0100 | Construction Warning Signs | L.S. | L.S. | L.S. | \$110,000.00 | L.S. | \$85,000.00 | L.S. | \$650,000.00 | L.S. | \$80,000.00 |

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| PROJECT NO.: NH-H201(006) Net Length of Project: 0.73 Miles | | | | | | | | | | | |
| ISLAND: OAHU DISTRICT: HONOLULU | | | | | | | | | | | |
| DATE ADVERTISED: Internet Posting, February, 4, 2021 TYPE CODE: 21 | | | | | | | | | | | |
| BIDS OPENED: June 14, 2021 | | | | | | | | | | | |
| COMPLETION TIME: Two Hundred and Seventy Two (272) Working Days | | | | | | | | | | | |
| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT USED | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| 645.0101 | Type II Barricades | L.S. | L.S. | L.S. | \$10,000.00 | L.S. | \$15,000.00 | L.S. | \$252,000.00 | L.S. | \$50,000.00 |
| 645.0102 | Cones | L.S. | L.S. | L.S. | \$1,010,000.00 | L.S. | \$133,866.00 | L.S. | \$85,000.00 | L.S. | \$390,000.00 |
| 645.0103 | Arrow Board Panel | L.S. | L.S. | L.S. | \$500,000.00 | L.S. | \$121,426.00 | L.S. | \$85,000.00 | L.S. | \$30,000.00 |
| 645.0200 | Addditional Police Officers | F.A. | F.A. | F.A. | \$130,000.00 | F.A. | \$130,000.00 | F.A. | \$130,000.00 | F.A. | \$130,000.00 |
| 645.0201 | Additional Traffic Control Devices | F.A. | F.A. | F.A. | \$60,000.00 | F.A. | \$60,000.00 | F.A. | \$60,000.00 | F.A. | \$60,000.00 |
| 645.0202 | Advertisement | F.A. | F.A. | F.A. | \$60,000.00 | F.A. | \$60,000.00 | F.A. | \$60,000.00 | F.A. | \$60,000.00 |
| 648.0100 | Field posted drawings | L.S. | L.S. | L.S. | \$1,000.00 | L.S. | \$15,000.00 | L.S. | \$8,000.00 | L.S. | \$3,000.00 |
| 684.0100 | Relocation Spot Speed Detection Assembly | 1 | E.A. | \$3,000.00 | \$3,000.00 | \$15,000.00 | \$15,000.00 | \$3,000.00 | \$3,000.00 | \$3,000.00 | \$3,000.00 |
| 695.1001 | Portable Concrete Barriers (20-Foot Lengths) | 300 | E.A. | \$2,100.00 | \$630,000.00 | \$3,984.00 | \$1,195,200.00 | \$2,500.00 | \$750,000.00 | \$1,000.00 | \$300,000.00 |
| 695.2002 | Intertial Barrier System | 5 | E.A. | \$12,000.00 | \$60,000.00 | \$21,375.00 | \$106,875.00 | \$20,000.00 | \$100,000.00 | \$5,000.00 | \$25,000.00 |
| 696.0100 | Maintenance of trailers | F.A. | F.A. | F.A. | \$20,000.00 | F.A. | \$20,000.00 | F.A. | \$20,000.00 | F.A. | \$20,000.00 |
| 699.0100 | Mobilization (Not to exceed 6% of the sum of all items excluding the bid price of this item) | L.S. | L.S. | L.S. | \$200,000.00 | L.S. | \$200,000.00 | L.S. | \$294,000.00 | L.S. | \$208,000.00 |
| | Sum of All Base Bid Items | | | | | | | | | | |
| | \$4,985,840.00 | | | | | | | | | | |
| | \$4,256,854.00 | | | | | | | | | | |
| | \$5,273,180.00 * | | | | | | | | | | |
| | \$3,802,875.00 | | | | | | | | | | |
| | * Corrected Amount (Calculation) | | | | | | | | | | |

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| PROJECT: MOANALUA FREEWAY HIGHWAY LIGHTING IMPROVEMENTS HALAWA TO H-3 OVERPASS | | | | | | | | | | | |
| PROJECT NO.: NH-H201(006) Net Length of Project: 0.73 Miles | | | | | | | | | | | |
| ISLAND: OAHU DISTRICT: HONOLULU | | | | KIEWIT INFRASTRUCTURE WEST CO. | | MIRA IMAGE CONSTRUCTION, LLC | | PAUL'S ELECTRICAL CONTRACTING, LLC | | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION | |
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| BIDS OPENED: June 14, 2021 | | | | | | | | | | | |
| COMPLETION TIME: Two Hundred and Seventy Two (272) Working Days | | | | | | | | | | | |
| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT USED | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| 202.0100 | Removal of existing concrete median barrier - Type 4A, 4B, or 4C (including flare lengths shown on SX.1 sheets - up to 42'-0" total length) | 11 | E.A. | \$15,000.00 | \$165,000.00 | \$38,510.00 | \$423,610.00 | \$39,000.00 | \$429,000.00 | \$31,500.00 | \$346,500.00 |
| 202.0200 | Removal of existing concrete median barrier atop approach slab and bridge deck (including flare lengths as shown on SX.1 - up to 42'-0" total length) | 42 | L.F. | \$205.00 | \$8,610.00 | \$1,642.00 | \$68,964.00 | \$1,100.00 | \$46,200.00 | \$750.00 | \$31,500.00 |
| 202.0300 | Removal of portion of existing concrete median barrier around sign post foundation (including flare lengths as shown on SX.1 - up to 48'-0" total length) | 90 | L.F. | \$250.00 | \$22,500.00 | \$1,642.00 | \$147,780.00 | \$500.00 | \$45,000.00 | \$750.00 | \$67,500.00 |
| 202.0400 | Removal of portion of existing concrete median barrier (3'-0" total length) | 3 | L.F. | \$615.00 | \$1,845.00 | \$2,720.00 | \$8,160.00 | \$4,500.00 | \$13,500.00 | \$750.00 | \$2,250.00 |
| 209.0100 | Installation, maintenance, monitoring & removal of BMP | L.S. | L.S. | L.S. | \$20,000.00 | L.S. | \$150,000.00 | L.S. | \$270,000.00 | L.S. | \$25,000.00 |
| 209.0200 | Additional water pollution, dust and erosion control | F.A. | F.A. | F.A. | \$11,000.00 | F.A. | \$11,000.00 | F.A. | \$11,000.00 | F.A. | \$11,000.00 |
| 401.0100 | HMA Pavement, Mix No. IV | 500 | T.N. | \$260.00 | \$130,000.00 | \$455.00 | \$227,500.00 | \$450.00 | \$225,000.00 | \$100.00 | \$50,000.00 |
| 503.0120 | Concrete median barrier light pole foundation - Type 4A, 4B, or 4C (including flare lengths as shown on SX.1 - up to 42'-0" total length) | 11 | E.A. | \$50,000.00 | \$550,000.00 | \$86,376.00 | \$950,136.00 | \$66,000.00 | \$726,000.00 | \$50,000.00 | \$550,000.00 |
| 503.0130 | Concrete median barrier light pole foundation atop slab or deck (including flare lengths as shown on SX.1 - up to 42'-0" total length) | 1 | E.A. | \$50,000.00 | \$50,000.00 | \$52,885.00 | \$52,885.00 | \$50,000.00 | \$50,000.00 | \$50,000.00 | \$50,000.00 |
| 503.0140 | Concrete median barrier around sign post (including flare lengths as shown on SX.1 - up to 48'-0" total length) | 1 | E.A. | \$55,000.00 | \$55,000.00 | \$86,500.00 | \$86,500.00 | \$50,000.00 | \$50,000.00 | \$90,000.00 | \$90,000.00 |

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| PROJECT: MOANALUA FREEWAY HIGHWAY LIGHTING IMPROVEMENTS HALAWA TO H-3 OVERPASS | | | | KIEWIT INFRASTRUCTURE WEST CO. | | MIRA IMAGE CONSTRUCTION, LLC | | PAUL'S ELECTRICAL CONTRACTING, LLC | | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION | |
| PROJECT NO.: NH-H201(006) Net Length of Project: 0.73 Miles | | | | | | | | | | | |
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| COMPLETION TIME: Two Hundred and Seventy Two (272) Working Days | | | | | | | | | | | |
| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT USED | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| 503.0150 | Concrete median barrier reconstruction at existing light poles (3'-0" total length) | 6 | E.A. | \$4,000.00 | \$24,000.00 | \$7,500.00 | \$45,000.00 | \$25,500.00 | \$153,000.00 | \$6,000.00 | \$36,000.00 |
| 503.0160 | Concrete median barrier reconstruction (3'-0" total length) | 1 | E.A. | \$3,000.00 | \$3,000.00 | \$12,500.00 | \$12,500.00 | \$25,500.00 | \$25,500.00 | \$6,000.00 | \$6,000.00 |
| 503.0170 | Concrete glare screen | 1900 | L.F. | \$155.00 | \$294,500.00 | \$291.00 | \$552,900.00 | \$1,400.00 | \$2,660,000.00 | \$325.00 | \$617,500.00 |
| 511.0200 | Drilled shaft (24-inch diameter) | 120 | L.F. | \$550.00 | \$66,000.00 | \$630.00 | \$75,600.00 | \$10.00 | \$1,200.00 | \$1,900.00 | \$228,000.00 |
| 511.0300 | Unclassified shaft excavation | 120 | L.F. | \$265.00 | \$31,800.00 | \$220.00 | \$26,400.00 | \$10.00 | \$1,200.00 | \$425.00 | \$51,000.00 |
| 511.0400 | Formed top of drilled shaft pedestal | 3 | E.A. | \$1,500.00 | \$4,500.00 | \$3,500.00 | \$10,500.00 | \$1,000.00 | \$3,000.00 | \$8,500.00 | \$25,500.00 |
| 616.0100 | Relocate Existing Sprinkler System | F.A. | F.A. | F.A. | \$5,000.00 | F.A. | \$5,000.00 | F.A. | \$5,000.00 | F.A. | \$5,000.00 |
| 622.1110 | Roadway Lighting System - Demolition of pole light assembly, including cutting of concrete light pole bases | 7 | E.A. | \$3,000.00 | \$21,000.00 | \$3,978.00 | \$27,846.00 | \$20,000.00 | \$140,000.00 | \$2,000.00 | \$14,000.00 |
| 622.1120 | Roadway Lighting System - Removal of handholes, exposed junction boxes and raceways | L.S. | L.S. | L.S. | \$35,000.00 | L.S. | \$150,000.00 | L.S. | \$270,000.00 | L.S. | \$25,000.00 |
| 622.1210 | Roadway Lighting System - Twin luminaire and light pole mounted on top of median barrier | 12 | E.A. | \$40,000.00 | \$480,000.00 | \$14,245.00 | \$170,940.00 | \$15,000.00 | \$180,000.00 | \$9,000.00 | \$108,000.00 |
| 622.1220 | Roadway Lighting System - Luminaire and light pole mounted on grade | 3 | E.A. | \$30,000.00 | \$90,000.00 | \$12,293.00 | \$36,879.00 | \$15,000.00 | \$45,000.00 | \$8,000.00 | \$24,000.00 |
| 622.1280 | Roadway Lighting System - Lights Under Overpass | 3 | E.A. | \$8,500.00 | \$25,500.00 | \$2,800.00 | \$8,400.00 | \$5,000.00 | \$15,000.00 | \$2,000.00 | \$6,000.00 |

TABULATION OF BIDS

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|---|--|---------------------|-----------|-----------------------------------|-------------|---------------------------------|-------------|---------------------------------------|-------------|---|--------------|
| PROJECT: MOANALUA FREEWAY HIGHWAY LIGHTING IMPROVEMENTS HALAWA TO H-3 OVERPASS | | | | KIEWIT INFRASTRUCTURE WEST CO. | | MIRA IMAGE CONSTRUCTION, LLC | | PAUL'S ELECTRICAL CONTRACTING, LLC | | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION | |
| PROJECT NO.: NH-H201(006) Net Length of Project: 0.73 Miles | | | | | | | | | | | |
| ISLAND: OAHU DISTRICT: HONOLULU | | | | | | | | | | | |
| DATE ADVERTISED: Internet Posting, February, 4, 2021 TYPE CODE: 21 | | | | | | | | | | | |
| BIDS OPENED: June 14, 2021 | | | | | | | | | | | |
| COMPLETION TIME: Two Hundred and Seventy Two (272) Working Days | | | | | | | | | | | |
| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT USED | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| 622.1310 | Roadway Lighting System - 1-2"C at median parapet wall for street lights | 2300 | L.F. | \$15.00 | \$34,500.00 | \$16.50 | \$37,950.00 | \$15.00 | \$34,500.00 | \$18.00 | \$41,400.00 |
| 622.1330 | Roadway Lighting System - 1-2"C ductline for street lights. Trenching | 600 | L.F. | \$15.00 | \$9,000.00 | \$19.00 | \$11,400.00 | \$3.00 | \$1,800.00 | \$10.00 | \$6,000.00 |
| 622.1350 | Roadway Lighting System - 3/4"C, PVC coated GRS for overpass lighting | 300 | L.F. | \$200.00 | \$60,000.00 | \$117.00 | \$35,100.00 | \$40.00 | \$12,000.00 | \$200.00 | \$60,000.00 |
| 622.1360 | Roadway Lighting System - 3#2, 1#6 G for street lighting | 3200 | L.F. | \$18.00 | \$57,600.00 | \$18.50 | \$59,200.00 | \$5.00 | \$16,000.00 | \$25.00 | \$80,000.00 |
| 622.1420 | Roadway Lighting System - Type B highway lighting pullbox | 3 | E.A. | \$3,600.00 | \$10,800.00 | \$1,500.00 | \$4,500.00 | \$7,000.00 | \$21,000.00 | \$9,000.00 | \$27,000.00 |
| 622.1430 | Roadway Lighting System - Junction box for street lighting mounted on bridge | 5 | E.A. | \$3,800.00 | \$19,000.00 | \$2,963.00 | \$14,815.00 | \$1,000.00 | \$5,000.00 | \$3,000.00 | \$15,000.00 |
| 622.1440 | Roadway Lighting System - Pullbox with metal covers at median | 8 | E.A. | \$3,000.00 | \$24,000.00 | \$5,462.00 | \$43,696.00 | \$12,000.00 | \$96,000.00 | \$8,000.00 | \$64,000.00 |
| 622.3110 | ITS System - 2-2"C Communication at median parapet wall for ITS | 2300 | L.F. | \$25.00 | \$57,500.00 | \$27.00 | \$62,100.00 | \$15.00 | \$34,500.00 | \$18.00 | \$41,400.00 |
| 622.3220 | ITS System - Junction box for ITS mounted on bridge | 2 | E.A. | \$5,000.00 | \$10,000.00 | \$4,435.00 | \$8,870.00 | \$5,000.00 | \$10,000.00 | \$3,000.00 | \$6,000.00 |
| 622.3230 | ITS System - Pullbox with metal covers at median parapet wall for ITS | 8 | E.A. | \$3,000.00 | \$24,000.00 | \$5,450.00 | \$43,600.00 | \$12,000.00 | \$96,000.00 | \$8,000.00 | \$64,000.00 |
| 622.4120 | Roadway Lighting/ITS System - Trenching, backfill & conc. jacket for street lights and ITS | 600 | L.F. | \$40.00 | \$24,000.00 | \$110.00 | \$66,000.00 | \$150.00 | \$90,000.00 | \$200.00 | \$120,000.00 |
| 636.0100 | E-Construction | F.A. | F.A. | F.A. | \$39,400.00 | F.A. | \$39,400.00 | F.A. | \$39,400.00 | F.A. | \$39,400.00 |
| 641.0100 | Hydro-Mulch Seeding | L.S. | L.S. | L.S. | \$8,000.00 | L.S. | \$50,000.00 | L.S. | \$30,000.00 | L.S. | \$25,000.00 |

TABULATION OF BIDS

| | | | | | | | | | | | |
|---|--|---------------------|-----------|-----------------------------------|--------------|---------------------------------|---------------|---------------------------------------|--------------|---|--------------|
| PROJECT: MOANALUA FREEWAY HIGHWAY LIGHTING IMPROVEMENTS HALAWA TO H-3 OVERPASS | | | | KIEWIT INFRASTRUCTURE WEST CO. | | MIRA IMAGE CONSTRUCTION, LLC | | PAUL'S ELECTRICAL CONTRACTING, LLC | | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION | |
| PROJECT NO.: NH-H201(006) Net Length of Project: 0.73 Miles | | | | | | | | | | | |
| ISLAND: OAHU DISTRICT: HONOLULU | | | | | | | | | | | |
| DATE ADVERTISED: Internet Posting, February, 4, 2021 TYPE CODE: 21 | | | | | | | | | | | |
| BIDS OPENED: June 14, 2021 | | | | | | | | | | | |
| COMPLETION TIME: Two Hundred and Seventy Two (272) Working Days | | | | | | | | | | | |
| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT USED | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| 641.0200 | Maintenance of Existing Landscape | F.A. | F.A. | F.A. | \$40,000.00 | F.A. | \$40,000.00 | F.A. | \$40,000.00 | F.A. | \$40,000.00 |
| 645.0100 | Construction Warning Signs | L.S. | L.S. | L.S. | \$100,000.00 | L.S. | \$85,000.00 | L.S. | \$633,000.00 | L.S. | \$70,000.00 |
| 645.0101 | Type II Barricades | L.S. | L.S. | L.S. | \$10,000.00 | L.S. | \$15,000.00 | L.S. | \$50,000.00 | L.S. | \$65,000.00 |
| 645.0102 | Cones | L.S. | L.S. | L.S. | \$500,000.00 | L.S. | \$133,866.00 | L.S. | \$45,500.00 | L.S. | \$100,000.00 |
| 645.0103 | Arrow Board Panel | L.S. | L.S. | L.S. | \$100,000.00 | L.S. | \$121,426.00 | L.S. | \$66,000.00 | L.S. | \$20,000.00 |
| 645.0200 | Addditional Police Officers | F.A. | F.A. | F.A. | \$130,000.00 | F.A. | \$130,000.00 | F.A. | \$130,000.00 | F.A. | \$130,000.00 |
| 645.0201 | Additional Traffic Control Devices | F.A. | F.A. | F.A. | \$60,000.00 | F.A. | \$60,000.00 | F.A. | \$60,000.00 | F.A. | \$60,000.00 |
| 645.0202 | Advertisement | F.A. | F.A. | F.A. | \$60,000.00 | F.A. | \$60,000.00 | F.A. | \$60,000.00 | F.A. | \$60,000.00 |
| 648.0100 | Field posted drawings | L.S. | L.S. | L.S. | \$1,000.00 | L.S. | \$12,500.00 | L.S. | \$8,000.00 | L.S. | \$3,000.00 |
| 695.1001 | Portable Concrete Barriers (20-Foot Lengths) | 115 | E.A. | \$2,100.00 | \$241,500.00 | \$3,984.00 | \$458,160.00* | \$2,500.00 | \$287,500.00 | \$1,000.00 | \$115,000.00 |
| 695.2002 | Intertial Barrier System | 1 | E.A. | \$12,000.00 | \$12,000.00 | \$21,375.00 | \$21,375.00* | \$20,000.00 | \$20,000.00 | \$5,000.00 | \$5,000.00 |
| 696.0100 | Maintenance of trailers | F.A. | F.A. | F.A. | \$20,000.00 | F.A. | \$20,000.00 | F.A. | \$20,000.00 | F.A. | \$20,000.00 |
| 699.0100 | Mobilization (Not to exceed 6% of the sum of all items excluding the bid price of this item) | L.S. | L.S. | L.S. | \$175,000.00 | L.S. | \$200,000.00 | L.S. | \$440,000.00 | L.S. | \$198,000.00 |

TABULATION OF BIDS

| | | | | | | | | | | | |
|---|--|---------------------|-----------|-----------------------------------|--------|---------------------------------|--------|---------------------------------------|--------|---|--------|
| <div>PROJECT: MOANALUA FREEWAY HIGHWAY LIGHTING IMPROVEMENTS HALAWA TO H-3 OVERPASS</div> <div>PROJECT NO.: NH-H201(006) Net Length of Project: 0.73 Miles</div> <div>ISLAND: OAHU DISTRICT: HONOLULU</div> <div>DATE ADVERTISED: Internet Posting, February, 4, 2021 TYPE CODE: 21</div> <div>BIDS OPENED: June 14, 2021</div> <div>COMPLETION TIME: Two Hundred and Seventy Two (272) Working Days</div> | | | | KIEWIT INFRASTRUCTURE WEST CO. | | MIRA IMAGE CONSTRUCTION, LLC | | PAUL'S ELECTRICAL CONTRACTING, LLC | | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION | |
| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT USED | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| | | | | | | | | | | | |
| | <div>A. Sum of All Additive Alternate #1 Items</div> <div>\$3,921,555.00\$5,082,458.00\$7,710,800.00 *\$3,844,950.00</div> <div>* Corrected Amount (Calculation)</div> | | | | | | | | | | |


TABULATION OF BIDS

| | | | | | | | | | | | |
|---|--|---------------------|-----------|-----------------------------------|--------------|---------------------------------|-------------|---------------------------------------|--------------|---|--------------|
| PROJECT: MOANALUA FREEWAY HIGHWAY LIGHTING IMPROVEMENTS HALAWA TO H-3 OVERPASS | | | | KIEWIT INFRASTRUCTURE WEST CO. | | MIRA IMAGE CONSTRUCTION, LLC | | PAUL'S ELECTRICAL CONTRACTING, LLC | | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION | |
| PROJECT NO.: NH-H201(006) Net Length of Project: 0.73 Miles | | | | | | | | | | | |
| ISLAND: OAHU DISTRICT: HONOLULU | | | | | | | | | | | |
| DATE ADVERTISED: Internet Posting, February, 4, 2021 TYPE CODE: 21 | | | | | | | | | | | |
| BIDS OPENED: June 14, 2021 | | | | | | | | | | | |
| COMPLETION TIME: Two Hundred and Seventy Two (272) Working Days | | | | | | | | | | | |
| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT USED | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| 209.0100 | Installation, maintenance, monitoring & removal of BMP | L.S. | L.S. | L.S. | \$10,500.00 | L.S. | \$30,000.00 | L.S. | \$15,000.00 | L.S. | \$5,000.00 |
| 209.0200 | Additional water pollution, dust and erosion control | F.A. | F.A. | F.A. | \$50,000.00 | F.A. | \$50,000.00 | F.A. | \$50,000.00 | F.A. | \$50,000.00 |
| 622.1330 | Roadway Lighting System - 1-2"C ductline for street lights. Trenching & backfill & conc. Jacket not included | 2200 | L.F. | \$10 | \$22,000.00 | \$19.00 | \$41,800.00 | \$15 | \$33,000.00 | \$10 | \$22,000.00 |
| 622.1360 | Roadway Lighting System - 3#2, 1#6 G for street lighting | 2200 | L.F. | \$15 | \$33,000.00 | \$20.00 | \$44,000.00 | \$25 | \$55,000.00 | \$25 | \$55,000.00 |
| 622.1400 | Roadway Lighting System - Electrical panel, lighting controls, cabinet & TVSS | L.S. | L.S. | L.S. | \$500,000.00 | L.S. | \$75,000.00 | L.S. | \$550,000.00 | L.S. | \$150,000.00 |
| 622.1420 | Roadway Lighting System - Type B highway lighting pullbox | 11 | E.A. | \$3,500 | \$38,500.00 | \$1,500 | \$16,500.00 | \$5,000 | \$55,000.00 | \$9,000 | \$99,000.00 |
| 622.2000 | Roadway Lighting System - HECO charge | F.A. | F.A. | F.A. | \$40,000.00 | F.A. | \$40,000.00 | F.A. | \$40,000.00 | F.A. | \$40,000.00 |
| 622.4120 | Roadway Lighting/ITS System - Trenching, backfill & conc. jacket for street lights and ITS | 900 | L.F. | \$40 | \$36,000.00 | \$110 | \$99,000.00 | \$50 | \$45,000.00 | \$250 | \$225,000.00 |
| 636.0100 | E-Construction | F.A. | F.A. | F.A. | \$22,600.00 | F.A. | \$22,600.00 | F.A. | \$22,600.00 | F.A. | \$22,600.00 |
| 641.0100 | Hydro-Mulch Seeding | L.S. | L.S. | L.S. | \$1.00 | L.S. | \$25,000.00 | L.S. | \$10,000.00 | L.S. | \$3,000.00 |
| 645.0200 | Addditional Police Officers | F.A. | F.A. | F.A. | \$1,000.00 | F.A. | \$1,000.00 | F.A. | \$1,000.00 | F.A. | \$1,000.00 |
| 645.0201 | Additional Traffic Control Devices | F.A. | F.A. | F.A. | \$500.00 | F.A. | \$500.00 | F.A. | \$500.00 | F.A. | \$500.00 |
| 645.0202 | Advertisement | F.A. | F.A. | F.A. | \$500.00 | F.A. | \$500.00 | F.A. | \$500.00 | F.A. | \$500.00 |

TABULATION OF BIDS

| <div>PROJECT: MOANALUA FREEWAY HIGHWAY LIGHTING IMPROVEMENTS HALAWA TO H-3 OVERPASS</div> <div>PROJECT NO.: NH-H201(006) Net Length of Project: 0.73 Miles</div> <div>ISLAND: OAHU DISTRICT: HONOLULU</div> <div>DATE ADVERTISED: Internet Posting, February, 4, 2021 TYPE CODE: 21</div> <div>BIDS OPENED: June 14, 2021</div> <div>COMPLETION TIME: Two Hundred and Seventy Two (272) Working Days</div> | | | | KIEWIT INFRASTRUCTURE WEST CO. | | MIRA IMAGE CONSTRUCTION, LLC | | PAUL'S ELECTRICAL CONTRACTING, LLC | | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION | |
|---|--|---------------------|-----------|-----------------------------------|--------------|---------------------------------|--------------|---------------------------------------|-------------|---|--------------|
| ITEM NO. | ITEM | APPROX. QUANTITY | UNIT USED | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| 652.0100 | Horizontal Directional Drilling | 200 | L.F. | \$825 | \$165,000.00 | \$750 | \$150,000.00 | \$202 | \$40,400.00 | \$1,000 | \$200,000.00 |
| 699.0100 | Mobilization (Not to exceed 6% of the sum of all items excluding the bid price of this item) | L.S. | L.S. | L.S. | \$40,000.00 | L.S. | \$20,000.00 | L.S. | \$51,000.00 | L.S. | \$45,000.00 |
| | A. Sum of All Additive Alternate #2 Items | | | | | | | | | | |

TABULATION OF BIDS

| | | | | | | | | | | | |
|---|---|----------------|-----------|-----------------------------------|-----------------------|---------------------------------|-----------------------|---------------------------------------|--------------------------|---|-----------------------|
| PROJECT: MOANALUA FREEWAY HIGHWAY LIGHTING IMPROVEMENTS HALAWA TO H-3 OVERPASS | | | | | | | | | | | |
| PROJECT NO.: NH-H201(006) Net Length of Project: 0.73 Miles | | | | | | | | | | | |
| ISLAND: OAHU DISTRICT: HONOLULU | | | | KIEWIT INFRASTRUCTURE WEST CO. | | MIRA IMAGE CONSTRUCTION, LLC | | PAUL'S ELECTRICAL CONTRACTING, LLC | | STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION | |
| DATE ADVERTISED: Internet Posting, February, 4, 2021 | | | | TYPE CODE: 21 | | | | | | | |
| BIDS OPENED: June 14, 2021 | | | | | | | | | | | |
| COMPLETION TIME: 272 Working Days (Base Bid + Additive Alternates #1 through #2) | | | | | | | | | | | |
| ITEM NO. | ITEM | APPROX. QTY | UNIT USED | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| | Total Lump Sum Base Bid | | | | \$4,985,840.00 | | \$4,256,854.00 | | \$5,273,180.00 * | | \$3,802,875.00 |
| | Additive Alternate #1 Bid | | | | \$3,921,555.00 | | \$5,082,458.00 | | \$7,710,800.00 * | | \$3,844,950.00 |
| | Additive Alternate #2 Bid | | | | \$959,601.00 | | \$615,900.00 | | \$969,000.00 | | \$918,600.00 |
| | Total Amount for Comparison of Bids (Sum of Total Lump Sum Base Bid and Additive Alternates #1~#3) | | | | <u>\$9,866,996.00</u> | | <u>\$9,955,212.00</u> | | <u>\$13,952,980.00 *</u> | | <u>\$8,566,425.00</u> |
| | * Corrected Amount (Calculation) | | | | | | | | | | |
| | I certify that this is a true and correct tabulation of bids for this project. | | | | | | | | | | |
| |  | | | | <u>Jul 28, 2021</u> | | | | | | |
| | Steven Yoshida, Project Manager | | | Date | | | | | | | |