

TABULATION OF BIDS

PROJECT:	KAILUA ROAD INTERSECTION IMPROVEMENTS VICINITY OF ULUOA STREET AND ULUMANU DRIVE			PAUL'S ELECTRIC CONTRACTING, LLC.		STATE OF HAWAII DEPT. OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO: NET LENGTH:	61D-01-23 0.5 Miles						
ISLAND: DISTRICT:	OAHU KOOLAUPOKO						
DATE ADVERTISED: BIDS OPENED:	Internet Posting: December 19, 2023 February 1, 2024						
COMPLETION TIME:	One Hundred and Eighty (180) Working Days						
ITEM NO.		APPROX. QUANTITY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
201.0400	Clearing and Grubbing	L.S.	L.S.	L.S.	\$ 180,000.00	L.S.	\$ 5,000.00
202.0420	Removal of Exsting Traffic Signs	L.S.	L.S.	L.S.	\$ 20,000.00	L.S.	\$ 2,000.00
202.0050	Removal of Existing Curb and Gutter	L.S.	L.S.	L.S.	\$ 50,000.00	L.S.	\$ 35,000.00
202.0030	Removal of Exsting Sidewalk	L.S.	L.S.	L.S.	\$ 100,000.00	L.S.	\$ 40,000.00
202.0430	Removal of Existing Grassed Median	L.S.	L.S.	L.S.	\$ 100,000.00	L.S.	\$ 15,000.00
202.0440	Removal of Exsting Pavement	L.S.	L.S.	L.S.	\$ 170,000.00	L.S.	\$ 15,000.00
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP	L.S.	L.S.	L.S.	\$ 150,000.00	L.S.	\$ 20,000.00
209.0200	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	\$ 50,000.00	F.A.	\$ 50,000.00
212.0100	Archaeological Monitoring	F.A.	F.A.	F.A.	\$ 100,000.00	F.A.	\$ 100,000.00
301.0400	Hot Mix Asphalt Base Course	L.S.	L.S.	L.S.	\$ 400,000.00	L.S.	\$ 47,560.00
401.0400	Asphalt Concrete Pavement Mix No. IV	135	S.Y.	\$ 200.00	\$ 27,000.00	\$ 160.00	\$ 21,600.00
415.0400	Cold Planing of Existing Pavement	370	S.Y.	\$ 200.00	\$ 74,000.00	\$ 30.00	\$ 11,100.00
607.0400	Green Vinyl Coated Chain Link Fence	60	L.F.	\$ 250.00	\$ 15,000.00	\$ 100.00	\$ 6,000.00
617.0400	Imported Planting Soil	L.S.	L.S.	L.S.	\$ 50,000.00	L.S.	\$ 45,000.00
619.0400	Arborist Services	F.A.	F.A.	F.A.	\$ 50,000.00	F.A.	\$ 50,000.00
621.0001	Street Light Sawcut, Trench, Excavation, and Backfill	400	L.F.	\$ 100.00	\$ 40,000.00	\$ 50.00	\$ 20,000.00
621.0002	HECO Sawcut, Trench, Excavation and Backfill	150	L.F.	\$ 50.00	\$ 7,500.00	\$ 50.00	\$ 7,500.00

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621.0003	HECO Metering Equipment	2	Each	\$ 50,000.00	\$ 100,000.00	\$ 30,000.00	\$ 60,000.00
621.0004	1-3” HECO Concrete Encased Conduit	100	L.F.	\$ 50.00	\$ 5,000.00	\$ 30.00	\$ 3,000.00
621.0005	1-2” Secondary Concrete Encased Conduit	50	L.F.	\$ 50.00	\$ 2,500.00	\$ 25.00	\$ 1,250.00
621.0006	1-1.5” Street Light Concrete Encased Conduit	400	L.F.	\$ 15.00	\$ 6,000.00	\$ 25.00	\$ 10,000.00
621.0007	2’ x 4’ HECO Handhole	2	Each	\$ 10,000.00	\$ 20,000.00	\$ 2,500.00	\$ 5,000.00
621.0008	State Street Light Standard, Base, and Single Arm and 120W Luminaire	8	Each	\$ 15,000.00	120,000.00	\$ 15,000.00	\$ 120,000.00
621.0009	State Street Light Standard, Base, and Dual Arm and 120W Luminaire	1	Each	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
621.0010	Street Light Conductors	400	L.F.	\$ 10.00	\$ 4,000.00	\$ 30.00	\$ 12,000.00
621.0011	Secondary Cables 2#8, #8 Gnd XHHW CU Cable	50	L.F.	\$ 2.00	\$ 100.00	\$ 20.00	\$ 1,000.00
621.0012	Service Cables 3#2, #8 Gnd XHHW CU Cable	10	L.F.	\$ 10.00	\$ 100.00	\$ 30.00	\$ 300.00
621.0013	Hawaiian Electric Co. Charges	F.A.	F.A.	F.A.	\$ 20,000.00	F.A.	\$ 20,000.00
623.1000	Furnish and Install Controller Assembly with Firmware (Model 2070 Traffic Signa Controller Unit, Type 332A Cabinet and Auxiliary Equipment	2	Each	\$ 50,000.00	\$ 100,000.00	\$ 50,000.00	\$ 100,000.00
623.2001	Type I Traffic Signal Standard, H=8 ft	2	Each	\$ 10,000.00	\$ 20,000.00	\$ 3,500.00	\$ 7,000.00
623.2002	Type I Traffic Signal Standard, H=10 ft	12	Each	\$ 10,000.00	\$ 120,000.00	\$ 4,000	\$ 48,000.00
623.2003	Type II Traffic Signa Standard with 30-Foot Mast Arm	4	Each	\$ 30,000.00	\$ 120,000.00	\$ 35,000.00	\$ 140,000.00
623.2011	Foundation for Type I Signal Standard	14	Each	\$ 10,000.00	\$ 140,000.00	\$ 10,000.00	\$ 140,000.00
623.2012	Foundation for Type II Signal Standard	4	Each	\$ 20,000.00	\$ 80,000.00	\$ 50,000.00	\$ 200,000.00

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623.2013	Foundation for Controller Cabinet	2	Each	\$ 15,000.00	\$ 30,000.00	\$ 6,000.00	\$ 12,000.00
623.3001	Traffic Sgnal Assembly, (1-Way, 12-Inch, 1-3 Section Vertical With Type TP-1W Mounting)	9	Each	\$ 1,500.00	\$ 13,500.00	\$ 3,000.00	\$ 27,000.00
623.3002	Traffic Signal Assembly, (1-Way, 12-Inch, 1-3 Section Vertical With Type B-1W Mounting)	3	Each	\$ 1,200.00	\$ 3,600.00	\$ 3,000.00	\$ 9,000.00
623.3003	Traffic Signal Assembly, (1-Way, 12-Inch, 1-3 Section Vertical With Type MA-1W(1) Mounting)	8	Each	\$ 1,500.00	\$ 12,000.00	\$ 2,500.00	\$ 20,000.00
623.3004	Traffic Signal Assembly, (1-Way, 12-Inch, 1-3 Section Vertical, Programmable Visibility Head With Type TP-1W Mounting)	2	Each	\$ 7,000.00	\$ 14,000.00	\$ 8,000.00	\$ 16,000.00
623.3005	Traffic Signal Assembly, (1-Way, 12-Inch, 1-3 Section Vertical, Programmable Visibility Head With Type MA-1W(1) Mounting)	1	Each	\$ 7,000.00	\$ 7,000.00	\$ 8,000.00	\$ 8,000.00
623.3006	Traffic Signal Assembly, (2-way, 12-Inch, 1-3 Section Vertical With Type TP-2W Mounting)	1	Each	\$ 3,000.00	\$ 3,000.00	\$ 4,000.00	\$ 4,000.00
623.3011	EVP Optical Receiver with Mast Arm Mounting	4	Each	\$ 1,000.00	\$ 4,000.00	\$ 1,700.00	\$ 6,800.00
623.3012	EVP Optical Receiver with Top of Pole Mounting	3	Each	\$ 1,000.00	\$ 3,000.00	\$ 1,700.00	\$ 5,100.00
623.3021	Pedestrian Signal Assembly, (1-Way, 12-Inch, One Vertical, with Type B-1W Mounting)	2	Each	\$ 700.00	\$ 1,400.00	\$ 2,500.00	\$ 5,000.00
623.3022	Pedestrian Signal Assembly, (1-Way, 12-Inch, One Vertical, with Type C-1W Mounting)	7	Each	\$ 700.00	\$ 4,900.00	\$ 1,500.00	\$ 10,500.00
623.3023	Pedestrian Signal Assembly, (1-Way, 12-Inch, One Vertical, with Type C-2W Mounting)	1	Each	\$ 1,000.00	\$ 1,000.00	\$ 2,500.00	\$ 2,500.00
623.3024	Pedestrian Signal Assembly, (1-Way, 12-Inch, One Vertical, with Type TP-1W Mounting)	1	Each	\$ 788.00	\$ 788.00	\$ 1,300.00	\$ 1,300.00
623.3025	Pedestrian Signal Assumbly, (1-Way, 12-Inch, One Vertical with Type TP-2W Mounting)	1	Each	\$ 1,600.00	\$ 1,600.00	\$ 1,300.00	\$ 1,300.00
623.4001	Pedestrian Push Button with Instruction Sign	13	Each	\$ 500.00	\$ 6,500.00	\$ 900.00	\$ 11,700.00
623.5001	Traffic Signal Ductline, One 2-Inch Conduit, Sch 40 PVC, Concrete Encased	50	L.F.	\$ 15.00	\$ 750.00	\$ 300.00	\$ 15,000.00
623.5002	Traffic Signal Ductline, Two 2-Inch Conduit, Sch 40 PVC, Concrete Encased	2,600	L.F.	\$ 20.00	\$ 52,000.00	\$ 400.00	\$ 1,040,000.00

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623.5003	Traffic Signal Ductline, Four 2-Inch Conduit, Sch 40 PVC, Concrete Encased	400	L.F.	\$ 30.00	\$ 12,000.00	\$ 500.00	\$ 200,000.00
623.5004	Traffic Signal Ductline, Five 2-Inch Conduit, Sch 40 PVC, Concrete Encased	250	L.F.	\$ 35.00	\$ 8,750.00	\$ 600.00	\$ 150,000.00
623.5005	Traffic Signal Ductline, Six 2-Inch Conduit, Sch 40 PVC, Concrete Encased	200	L.F.	\$ 40.00	\$ 8,000.00	\$ 650.00	\$ 130,000.00
623.5006	Traffic Signal Ductline, Seven 2-Inch Conduit, Sch 40 PVC, Concrete Encased	125	L.F.	\$ 45.00	\$ 5,625.00	\$ 700.00	\$ 87,500.00
623.5007	Traffic Signal Ductline, Eight 2-Inch Conduit, Sch 40 PVC, Concrete Encased	125	L.F.	\$ 50.00	\$ 6,250.00	\$ 750.00	\$ 93,750.00
623.5008	Traffic Signal Ductline, Four 2-Inch Conduit And Two 3-Inch Conduit, Sch 40 PVC, Concrete Encased	10	L.F.	\$ 50.00	\$ 500.00	\$ 850.00	\$ 8,500.00
623.5009	Traffic Signal Ductline, Four 2-Inch Conduit And Three 3-Inch Conduit, Sch 40 PVC, Concrete Encased	10	L.F.	\$ 60.00	\$ 600.00	\$ 950.00	\$ 9,500.00
623.6001	Type A Pullbox	3	Each	\$ 10,000.00	30,000.00	\$ 3,000.00	\$ 9,000.00
623.6002	Type B Pullbox	31	Each	\$ 12,000.00	\$ 372,000.00	\$ 4,000.00	\$ 124,000.00
623.6003	Type C Pullbox	2	Each	\$ 20,000.00	\$ 40,000.00	\$ 5,500.00	\$ 11,000.00
623.6004	Replace Type B Pullbox	2	Each	\$ 30,000.00	\$ 60,000.00	\$ 4,500.00	\$ 9,000.00
623.7001	No. 14, 2-Conductor Loop Detector Lead-In Cable	8,600	L.F.	\$ 0.50	\$ 4,300.00	\$ 6.00	\$ 51,600.00
623.7002	No. 14, 26-Conductor Traffic Control Cable	2,000	L.F.	\$ 8.00	\$ 16,000.00	\$ 13.00	\$ 26,000.00
623.7003	No. 8, 3-Conductor Power Cable	100	L.F.	\$ 3.00	\$ 300.00	\$ 15.00	\$ 1,500.00
623.7004	EVP Cable	1,300	L.F.	\$ 1.00	\$ 1,300.00	\$ 6.00	\$ 7,800.00
623.8001	Loop Detector Sensing Unit (6 Ft X 6 Ft) Two Loops	16	Each	\$ 4,000.00	\$ 64,000.00	\$ 5,000.00	\$ 80,000.00
623.8002	Loop Detector Sensing Unit (6 Ft X 6 Ft) Four Loops	6	Each	\$ 8,000.00	\$ 48,000.00	\$ 10,000.00	\$ 60,000.00

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ITEM NO.		APPROX. QUANTITY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.8003	Loop Detector Sensing Unit (6 Ft X 6 Ft) Six Loops	3	Each	\$ 12,000.00	\$ 36,000.00	\$ 15,000.00	\$ 45,000.00
627.1000	Traffic Signal Control System	L.S.	L.S.	L.S.	\$ 150,000.00	L.S.	\$ 300,000.00
627.1001	Existing Traffic Signal Control Fiber Interface	L.S.	L.S.	L.S.	\$ 70,000.00	L.S.	\$ 10,000.00
627.1002	CCTV Traffic Camera Assembly	2	Each	\$ 22,000.00	\$ 44,000.00	\$ 30,000.00	\$ 60,000.00
627.1003	Cellular Modem Data Service	F.A.	F.A.	F.A.	\$ 4,000.00	F.A.	\$ 4,000.00
629.0401	4-inch Pavement Striping (Tape, Type I or Thermoplastic)	300	L.F.	\$ 12.00	\$ 3,600.00	\$ 8.00	\$ 2,400.00
629.0402	4-inch Pavement Striping (Tape, Type III or Thermoplastic)	1,350	L.F.	\$ 8.00	\$ 10,800.00	\$ 8.00	\$ 10,800.00
629.0403	6-inch Pavement Striping (Tape, Type II or Thermoplastic)	3,100	L.F.	\$ 11.00	\$ 34,100.00	\$ 8.00	\$ 24,800.00
629.0404	6-inch Pavement Striping (Tape, Type III or Thermoplastic)	440	L.F.	\$ 11.00	\$ 4,840.00	\$ 8.00	\$ 3,520.00
629.0405	8-inch Pavement Striping (Tape, Type I or Thermoplastic)	340	L.F.	\$ 14.00	\$ 4,760.00	\$ 8.00	\$ 2,720.00
629.0406	12-inch Pavement Striping (Tape, Type III or Thermoplastic)	245	L.F.	\$ 17.00	\$ 4,165.00	\$ 8.00	\$ 1,960.00
629.0407	Crosswalk Marking (Tape, Type III or Thermoplastic)	24	Lane	\$ 850.00	\$ 20,400.00	\$ 500.00	\$ 12,000.00
629.0408	Pavement Arrow (Tape, Type III or Thermoplastic)	20	Each	\$ 840.00	\$ 16,800.00	\$ 950.00	\$ 19,000.00
629.0409	Pavement Symbol (Paint, Tape, Type I, or Thermoplastic)	4	Each	\$ 1,100.00	\$ 4,400.00	\$ 950.00	\$ 3,800.00
629.0410	Type “C” Pavement Marker	86	Each	\$ 25.00	\$ 2,150.00	\$ 13.00	\$ 1,118.00
629.0411	Type “D” Pavement Marker	7	Each	\$ 26.00	\$ 182.00	\$ 15.00	\$ 105.00
629.0412	Type “H” Pavement Marker	42	Each	\$ 20.00	\$ 840.00	\$ 15.00	\$ 630.00

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ITEM NO.		APPROX. QUANTITY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
629.0413	Temporary Construction Zone Markings	L.S.	L.S.	L.S.	\$ 100,000.00	L.S.	\$ 10,000.00
629.0414	Curb, 4-inch Markings (Paint) (250 L.F.)	L.S.	L.S.	L.S.	\$ 5,000.00	L.S.	\$ 3,000.00
630.0400	Street Name Sign on Traffic Signal Mast Arm	4	Each	\$ 5,000.00	\$ 20,000.00	\$ 4,000.00	\$ 16,000.00
631.0300	Regulatory Sign (10 Square Feet or Less) with post	6	Each	\$ 5,000.00	\$ 30,000.00	\$ 1,550.00	\$ 9,300.00
631.0400	Warning Sign (10 Square Feet or Less) with post	1	Each	\$ 2,000.00	\$ 2,000.00	\$ 1,550.00	\$ 1,550.00
632.0400	Type II Object Marker	7	Each	\$ 1,000.00	\$ 7,000.00	\$ 160.00	\$ 1,120.00
634.0400	Portland Cement Concrete Sidewalk	615	S.Y.	\$ 230.00	\$ 141,450.00	\$ 230.00	\$ 141,450.00
638.0401	Curb, Type 2D	30	L.F.	\$ 115.00	\$ 3,450.00	\$ 150.00	\$ 4,500.00
638.0402	Curb and Gutter, Type 2DG	600	L.F.	\$ 175.00	\$ 105,000.00	\$ 165.00	\$ 99,000.00
639.0401	Curb, Type 6	1,500	L.F.	\$ 60.00	\$ 90,000.00	\$ 55.00	\$ 82,500.00
639.0402	Curb, 4-inch	250	L.F.	\$ 68.00	\$ 17,000.00	\$ 40.00	\$ 10,000.00
641.0400	Hydro-mulch Seeding	L.S.	L.S.	L.S.	\$ 50,000.00	L.S.	\$ 65,000.00
643.0100	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	\$ 25,000.00	F.A.	\$ 25,000.00
645.1000	Traffic Control	L.S.	L.S.	L.S.	\$ 600,000.00	L.S.	\$ 200,000.00
645.2000	Additional Police Officers And/or Additional Control Device	F.A.	F.A.	F.A.	\$ 50,000.00	F.A.	\$ 50,000.00
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	\$ 2,000.00	L.S.	\$ 2,000.00
650.0401	Curb Ramp, Type “A”	7	Each	\$ 11,500.00	\$ 80,500.00	\$ 23,000.00	\$ 161,000.00

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650.0402	Curb Ramp, Type “C”	2	Each	\$ 9,200.00	\$ 18,400.00	\$ 15,000.00	\$ 30,000.00
650.0403	Curb Ramp, Type Combination	2	Each	\$ 10,500.00	\$ 21,000.00	\$ 25,000.00	\$ 50,000.00
650.0404	Detectable Warning Mat	13	Each	\$ 5,000.00	\$ 65,000.00	\$ 1,000.00	\$ 13,000.00
699.1000	Mobilization (Not to Exceed 6 Percent of the Sum of All Items Excluding the Bid Price of this Item)	L.S.	L.S.	L.S.	\$ 276,000.00	L.S.	\$ 306,000.00
	Sum of All Items			\$ 5,417,700.00		\$ 5,414,933.00	
	Hawaii Products Preference			\$ 0.00		\$ 0.00	
	Apprenticeship Programs Preference			\$ 270,885.00		\$ 0.00	
	Amount for Comparison of Bids			\$ 5,146,815.00		\$ 5,414,933.00	
	Project Manager: Reid Tokuhara Date: January 25, 2024						