

## TABULATION OF BIDS

<b>PROJECT:</b> Liliha Street Traffic Signal at Kukui Street <b>PROJECT NO.:</b> HSIP-7413(2) <b>ISLAND:</b> Oahu <b>DISTRICT:</b> Honolulu <b>TYPE CODE:</b> 24 <b>DATE ADVERTISED:</b> Internet Posted: August 22, 2011 <b>BIDS OPENED:</b> October 13, 2011 <b>COMPLETION TIME:</b> Ninety (90) Working Days					<b>PAUL'S ELECTRICAL CONTRACTING LLC</b>		<b>JACK ENDO ELECTRIC, INC.</b>		<b>STANDARD ELECTRIC, INC.</b>		<b>808 UNDERGROUND UTILITIES, INC.</b>		<b>STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION</b>	
					<b>** NOTE:</b> Quantities shown in this column are for in- house use only.									
ITEM NO.	ITEM	APPROX. QUANTITY	**APPROX. QUANTITY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP	L.S.	L.S.	L.S.	L.S.	\$1,000.00	L.S.	\$1,200.00	L.S.	\$5,000.00	L.S.	\$3,480.00	L.S.	\$20,000.00
209.0200	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	F.A.	\$10,000.00	F.A.	\$10,000.00	F.A.	\$10,000.00	F.A.	\$10,000.00	F.A.	\$10,000.00
623.2000	Furnish and Install Controller Assembly (Model 170 Traffic Signal Controller Unit, Type 332A Cabinet and Auxiliary Equipment)	1	1 Each	Each	\$14,000.00	\$14,000.00	\$16,400.00	\$16,400.00	\$17,893.00	\$17,893.00	\$21,945.00	\$21,945.00	\$20,000.00	\$20,000.00
623.2011	Type I Traffic Signal Standard, H=10 Ft	7	7 Each	Each	\$600.00	\$4,200.00	\$900.00	\$6,300.00	\$952.00	\$6,664.00	\$1,155.86	\$8,091.00	\$900.00	\$6,300.00
623.2021	Type II Traffic Signal Standard with 30-Foot Mast Arm	1	1 Each	Each	\$7,000.00	\$7,000.00	\$8,600.00	\$8,600.00	\$9,688.00	\$9,688.00	\$9,782.00	\$9,782.00	\$5,000.00	\$5,000.00
623.2022	Type II Traffic Signal Standard with 32-Foot Mast Arm	1	1 Each	Each	\$9,000.00	\$9,000.00	\$11,400.00	\$11,400.00	\$12,503.00	\$12,503.00	\$11,671.00	\$11,671.00	\$6,000.00	\$6,000.00
623.2040	Foundation for Type I Signal Standard	7	7 Each	Each	\$1,500.00	\$10,500.00	\$790.00	\$5,530.00	\$1,735.00	\$12,145.00	\$966.14	\$6,763.00	\$1,000.00	\$7,000.00
623.2050	Foundation for Type II Signal Standard	2	2 Each	Each	\$7,000.00	\$14,000.00	\$4,800.00	\$9,600.00	\$13,002.00	\$26,004.00	\$7,278.50	\$14,557.00	\$4,000.00	\$8,000.00
623.2070	Foundation for Controller Cabinet	1	1 Each	Each	\$2,340.00	\$2,340.00	\$2,300.00	\$2,300.00	\$2,272.00	\$2,272.00	\$8,169.00	\$8,169.00	\$2,500.00	\$2,500.00
623.3001	Traffic Signal Assembly, (1-Way, 12-Inch, 1-3 Section Vertical with Type TP-1W Mounting)	7	7 Each	Each	\$400.00	\$2,800.00	\$680.00	\$4,760.00	\$729.00	\$5,103.00	\$2,078.00	\$14,546.00	\$1,100.00	\$7,700.00
623.3021	Traffic Signal Assembly, (1-Way, 12-Inch, 1-3 Section Vertical with Type B-1W Mounting)	1	1 Each	Each	\$400.00	\$400.00	\$680.00	\$680.00	\$661.00	\$661.00	\$1,582.00	\$1,582.00	\$850.00	\$850.00
623.3061	Traffic Signal Assembly, (1-Way, 12-Inch, 1-3 Section Vertical with Type MA-1W(1) Mounting)	4	4 Each	Each	\$400.00	\$1,600.00	\$850.00	\$3,400.00	\$694.00	\$2,776.00	\$2,094.75	\$8,379.00	\$1,100.00	\$4,400.00

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PROJECT NO.: HSIP-7413(2)														
ISLAND: Oahu      DISTRICT: Honolulu      TYPE CODE: 24														
DATE ADVERTISED: Internet Posted: August 22, 2011														
BIDS OPENED: October 13, 2011														
COMPLETION TIME: Ninety (90) Working Days					** NOTE: Quantities shown in this column are for in- house use only.									
ITEM NO.	ITEM	APPROX. QUANTITY	**APPROX. QUANTITY	UNITS	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.3063	Traffic Signal Assembly, (1-Way, 12-Inch, 1-3 Section Vertical, Programmable Visibility Head with Type MA-1W(1) Mounting)	2	2 Each	Each	\$1,900.00	\$3,800.00	\$2,450.00	\$4,900.00	\$2,510.00	\$5,020.00	\$5,496.50	\$10,993.00	\$ 3,000.00	\$6,000.00
623.3080	EVP Optical Receiver with Mast Arm Mounting	2	2 Each	Each	\$500.00	\$1,000.00	\$660.00	\$1,320.00	\$722.00	\$1,444.00	\$1,141.00	\$2,282.00	\$ 900.00	\$1,800.00
623.3081	EVP Optical Receiver with Top of Pole Mounting	2	2 Each	Each	\$500.00	\$1,000.00	\$640.00	\$1,280.00	\$677.00	\$1,354.00	\$1,119.00	\$2,238.00	900	\$1,800.00
623.4021	Pedestrian Signal Assembly, (1-Way, 12-Inch, One Vertical with Type B-1W Mounting)	1	1 Each	Each	\$300.00	\$300.00	\$450.00	\$450.00	\$578.00	\$578.00	\$1,269.00	\$1,269.00	800	\$800.00
623.4022	Pedestrian Signal Assembly, (1-Way, 12-Inch, One Vertical with Type C-1W Mounting)	7	7 Each	Each	\$300.00	\$2,100.00	\$450.00	\$3,150.00	\$578.00	\$4,046.00	\$850.43	\$5,953.00	800	\$5,600.00
623.4041	Accessible Pedestrian Push Button with Instruction Sign	10	10 Each	Each	\$100.00	\$1,000.00	\$190.00	\$1,900.00	\$260.00	\$2,600.00	\$585.10	\$5,851.00	350	\$3,500.00
623.5000	Traffic Signal Ductline, One 2-Inch Conduit, SCH 40 PVC, Concrete Encased	L.S.	50 LF	L.S.	L.S.	\$3,000.00	L.S.	\$9,600.00	L.S.	\$5,912.00	L.S.	\$5,486.00	L.S.	\$5,500.00
623.5001	Traffic Signal Ductline, Two 2-Inch Conduit, SCH 40 PVC, Concrete Encased	L.S.	1360 LF	L.S.	L.S.	\$55,000.00	L.S.	\$95,200.00	L.S.	\$86,662.00	L.S.	\$130,345.00	L.S.	\$156,400.00
623.5002	Traffic Signal Ductline, Four 2-Inch Conduit, SCH 40 PVC, Concrete Encased	L.S.	325 LF	L.S.	L.S.	\$8,000.00	L.S.	\$9,250.00	L.S.	\$13,159.00	L.S.	\$21,022.00	L.S.	\$48,750.00
623.5003	Traffic Signal Ductline, Five 2-Inch Conduit, SCH 40 PVC, Concrete Encased	L.S.	1410 LF	L.S.	L.S.	\$77,000.00	L.S.	\$45,600.00	L.S.	\$47,463.00	L.S.	\$109,495.00	L.S.	\$253,800.00


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623.5006	Traffic Signal Ductline, Seven 2-Inch Conduit and One 3-Inch Conduit, SCH 40 PVC, Concrete Encased	L.S.	45 LF	L.S.	L.S.	\$2,000.00	L.S.	\$1,000.00	L.S.	\$1,125.00	L.S.	\$5,926.00	L.S.	\$11,700.00
623.6000	Type A Pullbox	2	2 Each	Each	\$800.00	\$1,600.00	\$700.00	\$1,400.00	\$1,027.00	\$2,054.00	\$1,871.00	\$3,742.00	\$1,200.00	\$2,400.00
623.6010	Type B Pullbox	11	11 Each	Each	\$1,000.00	\$11,000.00	\$1,100.00	\$12,100.00	\$1,536.00	\$16,896.00	\$7,169.18	\$78,861.00	\$1,500.00	\$16,500.00
623.6020	Type C Pullbox	1	1 Each	Each	\$1,100.00	\$1,100.00	\$1,350.00	\$1,350.00	\$2,133.00	\$2,133.00	\$3,048.00	\$3,048.00	\$2,000.00	\$2,000.00
623.6040	Replace Type B Pullbox	1	1 Each	Each	\$1,100.00	\$1,100.00	\$2,150.00	\$2,150.00	\$1,858.00	\$1,858.00	\$5,517.00	\$5,517.00	\$2,000.00	\$2,000.00
623.6050	Replace Type C Pullbox	1	1 Each	Each	\$1,200.00	\$1,200.00	\$2,700.00	\$2,700.00	\$2,433.00	\$2,433.00	\$3,048.00	\$3,048.00	\$2,500.00	\$2,500.00
623.7002	No. 14, 2-Conductor Loop Detector Lead-In Cable	L.S.	1670 LF	L.S.	L.S.	\$400.00	L.S.	\$1,104.00	L.S.	\$3,128.00	L.S.	\$5,671.00	L.S.	\$2,505.00
623.7026	No. 14, 26-Conductor Traffic Control Cable	L.S.	970 LF	L.S.	L.S.	\$1,200.00	L.S.	\$4,560.00	L.S.	\$5,801.00	L.S.	\$12,743.00	L.S.	\$4,850.00
623.7028	No. 19, 24-Conductor (12-pair) Traffic Control Interconnect Cable	L.S.	755 LF	L.S.	L.S.	\$1,000.00	L.S.	\$1,708.00	L.S.	\$4,210.00	L.S.	\$5,973.00	L.S.	\$3,775.00
623.7029	No. 6, 3-Conductor Power Cable	L.S.	25 LF	L.S.	L.S.	\$300.00	L.S.	\$125.00	L.S.	\$384.00	L.S.	\$5,625.00	L.S.	\$175.00
623.7040	EVP Cable	L.S.	550 LF	L.S.	L.S.	\$400.00	L.S.	\$540.00	L.S.	\$1,141.00	L.S.	\$2,623.00	L.S.	\$1,100.00
623.7050	Interconnect Fabric Subduct	L.S.	755 LF	L.S.	L.S.	\$2,000.00	L.S.	\$1,800.00	L.S.	\$2,743.00	L.S.	\$8,154.00	L.S.	\$5,285.00
623.7042	Loop Detector Sensing Unit (6 Ft x 6 Ft) Two Loops	4	4 Each	Each	\$1,000.00	\$4,000.00	\$1,200.00	\$4,800.00	\$1,149.00	\$4,596.00	\$1,392.00	\$5,568.00	\$1,500.00	\$6,000.00
623.7043	Loop Detector Sensing Unit (6 Ft x 6 Ft) Three Loops	1	1 Each	Each	\$1,500.00	\$1,500.00	\$1,903.00	\$1,903.00	\$1,724.00	\$1,724.00	\$2,210.00	\$2,210.00	\$2,250.00	\$2,250.00

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623.7044	Loop Detector Sensing Unit (6 Ft x 6 Ft) Four Loops	3	3 Each	Each	\$2,000.00	\$6,000.00	\$2,060.00	\$6,180.00	\$2,299.00	\$6,897.00	\$2,389.67	\$7,169.00	\$3,000.00	\$9,000.00
623.8000	Meter Socket, Breaker (50 Amps), Pedestal	1	1 Each	Each	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00	\$3,662.00	\$3,662.00	\$4,986.00	\$4,986.00	\$5,000.00	\$5,000.00
623.8100	Electrical Duct, Wires, Pullboxes and Enclosures	L.S.	L.S.	L.S.	L.S.	\$5,000.00	L.S.	\$5,000.00	L.S.	\$22,749.00	L.S.	\$4,754.00	L.S.	\$18,000.00
629.1014	4-Inch Pavement Striping (Thermoplastic Extrusion)	L.S.	70 LF	L.S.	L.S.	\$350.00	L.S.	\$450.00	L.S.	\$427.00	L.S.	\$447.00	L.S.	\$210.00
629.1016	8-Inch Pavement Striping (Thermoplastic Extrusion)	L.S.	40 LF	L.S.	L.S.	\$150.00	L.S.	\$200.00	L.S.	\$178.00	L.S.	\$186.00	L.S.	\$160.00
629.1018	12-Inch Pavement Striping (Thermoplastic Extrusion)	L.S.	30 LF	L.S.	L.S.	\$160.00	L.S.	\$200.00	L.S.	\$200.00	L.S.	\$209.00	L.S.	\$300.00
629.1020	Double 4-Inch Yellow Pavement Striping (Thermoplastic Extrusion)	L.S.	40 LF	L.S.	L.S.	\$150.00	L.S.	\$200.00	L.S.	\$178.00	L.S.	\$186.00	L.S.	\$240.00
629.1022	Crosswalk Marking (Tape, Type III, or Thermoplastic Extrusion)	L.S.	7 Lane	L.S.	L.S.	\$3,500.00	L.S.	\$4,250.00	L.S.	\$4,100.00	L.S.	\$4,287.00	L.S.	\$1,800.00
629.1024	Pavement Symbol (Shark's Teeth Marking) (Tape, Type III, or Thermoplastic Extrusion)	L.S.	1 Each	L.S.	L.S.	\$100.00	L.S.	\$200.00	L.S.	\$166.00	L.S.	\$174.00	L.S.	\$400.00
629.2040	Type "C" Pavement Markers	L.S.	4 Each	L.S.	L.S.	\$20.00	L.S.	\$55.00	L.S.	\$53.00	L.S.	\$56.00	L.S.	\$40.00
629.2041	Type "D" Pavement Markers	L.S.	4 Each	L.S.	L.S.	\$20.00	L.S.	\$55.00	L.S.	\$53.00	L.S.	\$56.00	L.S.	\$40.00
631.5000	Regulatory Sign (10 Square Feet or Less)	L.S.	11 Each	L.S.	L.S.	\$2,500.00	L.S.	\$1,300.00	L.S.	\$4,149.00	L.S.	\$1,399.00	L.S.	\$3,000.00
631.5100	Regulatory Sign (10 Square Feet or Less) with Post	L.S.	4 Each	L.S.	L.S.	\$1,500.00	L.S.	\$2,250.00	L.S.	\$2,019.00	L.S.	\$1,406.00	L.S.	\$2,200.00
631.5200	Street Name Sign	L.S.	2 Each	L.S.	L.S.	\$2,500.00	L.S.	\$1,500.00	L.S.	\$4,327.00	L.S.	\$2,230.00	L.S.	\$2,200.00

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PROJECT: Liliha Street Traffic Signal at Kukui Street PROJECT NO.: HSIP-7413(2) ISLAND: Oahu DISTRICT: Honolulu TYPE CODE: 24 DATE ADVERTISED: Internet Posted: August 22, 2011 BIDS OPENED: October 13, 2011 COMPLETION TIME: Ninety (90) Working Days					<b>PAUL'S ELECTRICAL CONTRACTING LLC</b>		<b>JACK ENDO ELECTRIC, INC.</b>		<b>STANDARD ELECTRIC, INC.</b>		<b>808 UNDERGROUND UTILITIES, INC.</b>		<b>STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION</b>	
					** NOTE: Quantities shown in this column are for in- house use only.									
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643.0100	Maintenance of Existing Landscape Areas	F.A.	F.A.	F.A.	F.A.	\$50,000.00	F.A.	\$50,000.00	F.A.	\$50,000.00	F.A.	\$50,000.00	F.A.	\$2,000.00
645.0100	Traffic Control	L.S.	L.S.	L.S.	L.S.	\$3,000.00	L.S.	\$1,000.00	L.S.	\$18,084.00	L.S.	\$50,105.00	L.S.	\$62,000.00
645.0200	Additional Police Officers, Additional Traffic Control Devices, And Advertisement	F.A.	F.A.	F.A.	F.A.	\$22,000.00	F.A.	\$22,000.00	F.A.	\$22,000.00	F.A.	\$22,000.00	F.A.	\$22,000.00
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	L.S.	\$500.00	L.S.	\$600.00	L.S.	\$2,500.00	L.S.	\$1,140.00	L.S.	\$2,000.00
650.0010	Curb Ramps	L.S.	4 Curb Ramps	L.S.	L.S.	\$35,500.00	L.S.	\$58,000.00	L.S.	\$55,472.00	L.S.	\$70,430.00	L.S.	\$12,000.00
699.1000	Mobilization (Not to Exceed 10% of the Sum of All Items Excluding the Bid Price of This Item and Force Account Items.)	L.S.	L.S.	L.S.	L.S.	\$26,000.00	L.S.	\$2,000.00	L.S.	\$10,000.00	L.S.	\$3,480.00	L.S.	\$75,333.00
A. Sum of All Items						\$419,790.00		\$449,000.00		\$536,387.00		\$787,308.00		\$862,663.00
B. Either Furnish Foreign Steel Not to Exceed Minimal Amount (Fill in '0' ) or Furnish Foreign Steel in Excess of Minimal Amount (Fill in 25% x A)						\$0.00		\$0.00		\$0.00		\$0.00		\$0.00
C. Amount for Comparison of Bids (A + B)						\$419,790.00		\$449,000.00		\$536,387.00		\$787,308.00		\$862,663.00
* Corrected Amount - 'Item No. 623.3081' Submitted by 808 Underground Utilities, Inc. in the amount of \$ 2,338 was incorrect. There was no change to bidder's total bid amount.														
I certify that this is a true and correct tabulation of bids for this project.														
 Peter Chan, Project Manager					NOV. 7, 2011 Date									