## TABULATION OF BIDS

PROJECT:	Traffic Signal Modernization LED Signal Retrofit, Phase 2, at Various Locations on Oahu																		
FEDERAL-	AID PROJECT NO.: CMAQ-0300-(108)  Net Length of Project: Varies							-											
ISLAND: OAHU		** NOTE:		TED'S WIRING SERVICE, LTD		M. SAKUMA ELECTRIC, INC.		. WASA ELECTRICAL SERVICES, INC.		JACK ENDO ELECTRIC, INC.		STANDARD ELECTRIC, INC.		PAUL'S ELECTRICAL CONTRACTING LLC		PERFECTO ENGINEERING & CONSTRUCTION SERVICES, INC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
DATE ADVERTISED: Internet Posting - January 25, 2008		Quantities shown in																	
	IED: March 6, 2008	this column are for in-																	
COMPLET	ON TIME: Sixty (60) Working Days	house use only.																	
ITEM NO.	ITEM	**APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.1001	Retrofit Traffic Signal Light - Red Ball to Same	908	EACH	\$90.00	\$81,720.00	\$80.00	\$72,640.00	\$117.00	\$106,236.00	\$126.00	\$114,408.00	\$120.00	\$108,960.00	\$180.00	* \$163,440.00	\$153.00	\$138,924.00	\$150.00	\$136,200.00
623.1002	Retrofit Traffic Signal Light - Red Arrow to Same	1	EACH	\$85.00	\$85.00	\$75.00	\$75.00	\$140.00	\$140.00	\$180.00	\$180.00	\$114.00	\$114.00	\$190.00	\$190.00	\$152.00	\$152.00	\$160.00	\$160.00
623.1004	Retrofit Traffic Signal Light - Yellow Ball to Same	1020	EACH	\$134.00	\$136,680.00	\$124.00	\$126,480.00	\$167.00	\$170,340.00	\$172.00	\$175,440.00	\$169.00	\$172,380.00	\$210.00	\$214,200.00	\$196.00	\$199,920.00	\$160.00	\$163,200.00
623.1006	Retrofit Traffic Signal Light - Yellow Ball to Yellow Arrow	218	EACH	\$81.00	\$17,658.00	\$71.00	\$15,478.00	\$132.00	\$28,776.00	\$138.00	\$30,084.00	\$110.00	\$23,980.00	\$190.00	\$41,420.00	\$149.00	\$32,482.00	\$160.00	\$34,880.00
623.1007	Retrofit Traffic Signal Light - Green Ball to Same	576	EACH	\$134.00	\$77,184.00	\$124.00	\$71,424.00	\$152.00	\$87,552.00	\$157.00	\$90,432.00	\$169.00	\$97,344.00	\$190.00	\$109,440.00	\$196.00	\$112,896.00	\$175.00	\$100,800.00
623.1008	Retrofit Traffic Signal Light - Green Arrow to Same	488	EACH	\$106.00	\$51,728.00	\$96.00	\$46,848.00	\$130.00	\$63,440.00	\$137.00	\$66,856.00	\$137.00	\$66,856.00	\$180.00	\$87,840.00	\$171.00	\$83,448.00	\$175.00	\$85,400.00
623.1009	Retrofit Traffic Signal Light - Green Ball to Green Arrow	1	EACH	\$106.00	\$106.00	\$96.00	\$96.00	\$146.00	\$146.00	\$185.00	\$185.00	\$137.00	\$137.00	\$190.00	\$190.00	\$71.00	\$71.00	\$175.00	\$175.00
623.1010	Retrofit Traffic Signal Light - Yellow-Green Bimodal Arrow	30	EACH	\$158.00	\$4,740.00	\$148.00	\$4,440.00	\$176.00	\$5,280.00	\$200.00	\$6,000.00	\$196.00	\$5,880.00	\$200.00	\$6,000.00	\$219.00	\$6,570.00	\$250.00	\$7,500.00
623.1011	Replace 8-Inch Traffic Signal with 12-Inch Traffic Signal (1-Section Vertical, Yellow Flasher Application)	1	EACH	\$122.00	\$122.00	\$260.00	\$260.00	\$140.00	\$140.00	\$658.00	\$658.00	\$155.00	\$155.00	\$190.00	\$190.00	\$184.00	\$184.00	\$300.00	\$300.00
623.3000	Modify 3M Programmable Visibility Traffic Signal Lens 110 - Yellow Arrow; 1 - Green Arrow; 1 - Red Arrow	112	EACH	\$165.00	\$18,480.00	\$156.00	\$17,472.00	\$183.00	\$20,496.00	\$208.00	\$23,296.00	\$204.00	\$22,848.00	\$200.00	\$22,400.00	\$232.00	\$25,984.00	\$150.00	\$16,800.00
623.3060	Traffic Signal Assembly (One-Way, 12-Inch, 1-3 Section Vertical with Mast Arm Mounting)	92	EACH	\$660.00	\$60,720.00	\$673.00	\$61,916.00	\$609.00	\$56,028.00	\$550.00	\$50,600.00	\$677.00	\$62,284.00	\$500.00	\$46,000.00	\$586.00	\$53,912.00	\$1,100.00	\$101,200.00
623.4001	Traffic Signal Back Plate (Louvered, Black)	92	EACH	\$126.00	\$11,592.00	\$177.00	\$16,284.00	\$139.00	\$12,788.00	\$72.00	\$6,624.00	\$142.00	\$13,064.00	\$100.00	\$9,200.00	\$140.00	\$12,880.00	\$150.00	\$13,800.00
623.5000	Scheduled Miscellaneous Traffic Signal Upgrades & Modifications Noted in the Drawings (Notes A thru R, excluding B; Not Covered By Other Pay Items)	L.S.	L.S.	L.S.	\$4,343.00	L.S.	\$3,000.00	L.S.	\$5,384.00	L.S.	\$5,000.00	L.S.	\$3,250.00	L.S.	\$3,000.00	L.S.	\$11,680.00	L.S.	\$50,000.00
623.7000	Traffic Signal Optical Unit Pre-Installation Testing	F.A.	F.A.	F.A.	\$3,000.00	F.A.	\$3,000.00	F.A.	\$3,000.00	F.A.	\$3,000.00	F.A.	\$3,000.00	F.A.	\$3,000.00	F.A.	\$3,000.00	F.A.	\$3,000.00
645.1000	Traffic Control	L.S.	L.S.	L.S.	\$27,316.00	L.S.	\$81,000.00	L.S.	\$27,459.00	L.S.	\$27,800.00	L.S.	\$73,417.00	L.S.	\$25,000.00	L.S.	\$86,570.00	L.S.	\$65,000.00
645.2000	Additional 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	F.A.	\$15,000.00
648.1000	Field-Posted Drawings	L.S.	L.S.	L.S.	\$1,331.00	L.S.	\$2,000.00	L.S.	\$2,550.00	L.S.	\$784.00	L.S.	\$1,000.00	L.S.	\$2,000.00	L.S.	\$845.00	L.S.	\$800.00
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.	\$49,000.00	L.S.	\$40,000.00	L.S.	\$25,041.00	L.S.	\$29,588.00	L.S.	\$30,000.00	L.S.	\$50,000.00	L.S.	\$84,600.00	L.S.	\$77,621.00
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TABULATION OF BIDS

PROJECT: T	Traffic Signal Modernization LED Signal Retrofit, Phase 2, at Various Locations on Oahu																		
FEDERAL-A	ID PROJECT NO.: CMAQ-0300-(108) Net Length of Project: Varies																		
ISLAND: OAHU		** NOTE: Quantities		TED'S WIRING SERVICE, LTD		M. SAKUMA ELECTRIC, INC.		WASA ELECTRICAL SERVICES, INC.		JACK ENDO ELECTRIC, INC.		STANDARD ELECTRIC, INC.				PERFECTO ENGINEERING & CONSTRUCTION SERVICES, INC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION	
DATE ADVERTISED: Internet Posting - January 25, 2008  BIDS OPENED: March 6, 2008		shown in this column are for in- house use																HIGHWAYS DIVISION	
ITEM NO.	ITEM	**APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	A. Sum of All Items				\$560,805.00		\$577,413.00		\$629,796.00		\$645,935.00		\$699,669.00		* \$798,510.00		\$869,118.00		\$871,836.00
	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		\$0.00		\$0.00		\$0.00
	C. Amount for Comparison of Bids (A + B)			and the state of t	\$560,805.00		\$577,413.00		\$629,796.00		\$645,935.00		\$699,669.00		* \$798,510.00		\$869,118.00		\$871,836.00

I certify that this is a true and correct tabulation of bids for this project.

Peter Chan Project Manager

3/25/08 Date

<sup>\*</sup> The 'ITEM NO. 623.1001' Submitted by Paul's Electrical Constructing LLC in the amount of \$ 162,900.00 was incorrect.

<sup>\*</sup> The 'Sum of All Items' Submitted by Paul's Electrical Constracting LLC in the amount of \$ 797,970.00 was incorrect.