

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
201.0100	Clearing and Grubbing (0.26 acre)	L.S.	L.S.	L.S.	\$ 175,000.00	L.S.	\$ 151,000.00	L.S.	\$ 10,043.00	L.S.	\$ 2,400.00
202.2010	Removal of Existing Asphalt Concrete Pavement	420	S.Y.	\$ 220.00	\$ 92,400.00	\$ 200.00	\$ 84,000.00	\$ 61.00	\$ 25,620.00	\$ 20.00	\$ 8,400.00
202.3010	Removal of Existing Asphalt Concrete Sidewalk, Median, and Island Pavement	295	S.Y.	\$ 220.00	\$ 64,900.00	\$ 200.00	\$ 59,000.00	\$ 96.00	\$ 28,320.00	\$ 20.00	\$ 5,900.00
202.5030	Removal of Existing Asphalt Concrete Curb	25	L.F.	\$ 25.00	\$ 625.00	\$ 30.00	\$ 750.00	\$ 100.00	\$ 2,500.00	\$ 5.00	\$ 125.00
202.5035	Removal of Existing Concrete Curb	80	L.F.	\$ 25.00	\$ 2,000.00	\$ 30.00	\$ 2,400.00	\$ 125.00	\$ 10,000.00	\$ 10.00	\$ 800.00
202.5040	Removal of Existing Concrete Curb and Gutter	325	L.F.	\$ 30.00	\$ 9,750.00	\$ 30.00	\$ 9,750.00	\$ 92.00	\$ 29,900.00	\$ 15.00	\$ 4,875.00
202.5050	Removal of Existing Concrete Sidewalk, Driveway, and Curb Ramps	215	S.Y.	\$ 220.00	\$ 47,300.00	\$ 200.00	\$ 43,000.00	\$ 154.00	\$ 33,110.00	\$ 15.00	\$ 3,225.00
202.6030	Removal of Existing Traffic Signal Foundation at Intersection of Farrington Highway with Nanaikeola Street	1	Each	\$ 12,000.00	\$ 12,000.00	\$ 5,300.00	\$ 5,300.00	\$ 18,882.00	\$ 18,882.00	\$ 10,000.00	\$ 10,000.00
202.6231	Removal of Existing Traffic Signal System at Intersection of Farrington Highway with Nanaikeola Street	L.S.	L.S.	L.S.	\$ 6,100.00	L.S.	\$ 18,300.00	L.S.	\$ 51,510.00	L.S.	\$ 15,000.00
202.6232	Removal of Existing Traffic Signal System at Intersection of Kahuapaani Street with Ulune Street / Ulune Extension	L.S.	L.S.	L.S.	\$ 82,000.00	L.S.	\$ 47,000.00	L.S.	\$ 197,554.00	L.S.	\$ 50,000.00
203.0100	Roadway Excavation	60	C.Y.	\$ 260.00	\$ 15,600.00	\$ 300.00	\$ 18,000.00	\$ 1,535.00	\$ 92,100.00	100	\$ 6,000.00
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP	L.S.	L.S.	L.S.	\$ 25,000.00	L.S.	\$ 20,000.00	L.S.	\$ 24,331.00	L.S.	\$ 20,000.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
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
219.0100	Determinization and Characterization of Fill Material	L.S.	L.S.	L.S.	\$ 15,000.00	L.S.	\$ 1,000.00	L.S.	\$ 5,400.00	L.S.	\$ 5,000.00
219.0200	Testing of Lead Based Paint	F.A.	F.A.	F.A.	\$ 20,000.00	F.A.	\$ 20,000.00	F.A.	\$ 20,000.00	F.A.	\$ 20,000.00
301.0100	Hot Mix Asphalt Base Course	45	Ton	\$ 570.00	\$ 25,650.00	\$ 600.00	\$ 27,000.00	\$ 1,007.00	\$ 45,315.00	\$ 500.00	\$ 22,500.00
401.0500	HMA Pavement, Mix No. V	25	Ton	\$ 1,100.00	\$ 27,500.00	\$ 1,000.00	\$ 25,000.00	\$ 968.00	\$ 24,200.00	\$ 300.00	\$ 7,500.00
511.1001	Furnish Drilled Shaft Drilling Equipment at Intersection of Farrington Highway with Nanaikeola Street	L.S.	L.S.	L.S.	\$ 5,000.00	L.S.	\$ 15,000.00	L.S.	\$ 10,000.00	L.S.	\$ 7,000.00
511.1002	Furnish Drilled Shaft Drilling Equipment at Intersection of Kahuapaani Street with Ulune Street / Ulune Extension	L.S.	L.S.	L.S.	\$ 5,000.00	L.S.	\$ 60,000.00	L.S.	\$ 12,000.00	L.S.	\$ 25,000.00
511.2000	Obstruction	40	Hour	\$ 465.00	\$ 18,600.00	\$ 500.00	\$ 20,000.00	\$ 1,500.00	\$ 60,000.00	\$ 500.00	\$ 20,000.00
511.3024	Drilled Shaft (24-inch Diameter Shaft)	6	L.F.	\$ 640.00	\$ 3,840.00	\$ 600.00	\$ 3,600.00	\$ 2,255.00	\$ 13,530.00	\$ 1,300.00	\$ 7,800.00
511.3030	Drilled Shaft (30-inch Diameter Shaft)	22	L.F.	\$ 650.00	\$ 14,300.00	\$ 700.00	\$ 15,400.00	\$ 737.00	\$ 16,214.00	\$ 1,400.00	\$ 30,800.00
511.3042.	Drilled Shaft (42-inch Diameter Shaft)	18	L.F.	\$ 850.00	\$ 15,300.00	\$ 800.00	\$ 14,400.00	\$ 931.00	\$ 16,758.00	\$ 1,500.00	\$ 27,000.00
511.4024	Unclassified Shaft Excavation (24-inch Diameter Shaft)	6	L.F.	\$ 1,600.00	\$ 9,600.00	\$ 300.00	\$ 1,800.00	\$ 750.00	\$ 4,500.00	\$ 250.00	\$ 1,500.00
511.4030	Unclassified Shaft Excavation (30-inch Diameter Shaft)	22	L.F.	\$ 1,600.00	\$ 35,200.00	\$ 350.00	\$ 7,700.00	\$ 980.00	\$ 21,560.00	\$ 300.00	\$ 6,600.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
511.4042	Unclassified Shaft Excavation (42-inch Diameter Shaft)	18	L.F.	\$ 1,600.00	\$ 28,800.00	\$ 400.00	\$ 7,200.00	\$ 1,622.00	\$ 29,196.00	\$ 400.00	\$ 7,200.00
511.5000	Coring for Integrity Testing for acceptable drilled shaft	60	L.F.	\$ 235.00	\$ 14,100.00	\$ 200.00	\$ 12,000.00	\$ 170.00	\$ 10,200.00	\$ 200.00	\$ 12,000.00
617.1000	Imported Planting Soil (20 S.Y.)	L.S.	L.S.	L.S.	\$ 1,000.00	L.S.	\$11,000.00	L.S.	\$ 7,500.00	L.S.	\$ 500.00
623.1000	Controller Assembly with Software	1	Each	\$ 29,000.00	\$ 29,000.00	\$ 34,000.00	\$ 34,000.00	\$ 44,603.00	\$ 44,603.00	\$ 40,000.00	\$ 40,000.00
623.2000	Type I Traffic Signal Standard, H = 10 Feet	2	Each	\$ 1,600.00	\$ 3,200.00	\$ 2,300.00	\$ 4,600.00	\$ 5,486.00	\$ 10,972.00	\$ 12,000.00	\$ 24,000.00
623.2017	Type II Traffic Signal Standard with 17-Foot Mast Arm	1	Each	\$ 19,400.00	\$ 19,400.00	\$ 43,000.00	\$ 43,000.00	\$ 38,557.00	\$ 38,557.00	\$ 28,000.00	\$ 28,000.00
623.2024	Type II Traffic Signal Standard with 24-Foot Mast Arm	1	Each	\$ 19,500.00	\$ 19,500.00	\$ 45,000.00	\$ 45,000.00	\$ 41,948.00	\$ 41,948.00	\$ 36,000.00	\$ 36,000.00
623.2025	Type II Traffic Signal Standard with 25-Foot Mast Arm	1	Each	\$ 21,800.00	\$ 21,800.00	\$ 45,500.00	\$ 45,500.00	\$ 42,000.00	\$ 42,000.00	\$ 40,000.00	\$ 40,000.00
623.2030	Type II Traffic Signal Standard with 30-Foot Mast Arm	1	Each	\$ 22,300.00	\$ 22,300.00	\$ 47,000.00	\$ 47,000.00	\$ 42,500.00	\$ 42,500.00	\$ 44,000.00	\$ 44,000.00
623.2050	Type II Traffic Signal Standard with 50-Foot Mast Arm	1	Each	\$ 35,000.00	\$ 35,000.00	\$ 61,000.00	\$ 61,000.00	\$ 59,500.00	\$ 59,500.00	\$ 55,000.00	\$ 55,000.00
623.2100	Foundation for Type I Traffic Signal Standard, H = 10 Feet	2	Each	\$ 8,000.00	\$ 16,000.00	\$ 4,000.00	\$ 8,000.00	\$ 5,600.00	\$ 11,200.00	\$ 3,500.00	\$ 7,000.00
623.2102	Foundation for Controller Cabinet	1	Each	\$ 2,500.00	\$ 2,500.00	\$ 6,000.00	\$ 6,000.00	\$ 7,927.00	\$ 7,927.00	\$ 7,000.00	\$ 7,000.00
623.3001	Traffic Signal Assembly (1-Way, 12-inch, 1-3 Section Vertical, Type VI Mounting with Retroreflective Backplate)	10	Each	\$ 1,800.00	\$ 18,000.00	\$ 2,300.00	\$ 23,000.00	\$ 2,400.00	\$ 24,000.00	\$ 3,200.00	\$ 32,000.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.3003	Traffic Signal Assembly (1-Way, 12-inch, 1-3 Section Vertical, Type IV Mounting)	8	Each	\$ 1,200.00	\$ 9,600.00	\$ 2,300.00	\$ 18,400.00	\$ 2,174.00	\$ 17,392.00	\$ 3,000.00	\$ 24,000.00
623.3008	Traffic Signal Assembly (1-Way, 12-inch, 1-3 Section Vertical, Type I Mounting)	2	Each	\$ 1,400.00	\$ 2,800.00	\$ 2,400.00	\$ 4,800.00	\$ 2,374.00	\$ 4,748.00	\$ 3,000.00	\$ 6,000.00
623.3009	Install Retroreflective Backplate on Existing Traffic Signal Assembly	2	Each	\$ 500.00	\$ 1,000.00	\$ 1,700.00	\$ 3,400.00	\$ 1,500.00	\$ 3,000.00	\$ 500.00	\$ 1,000.00
623.3080	EVP Optical Receiver with Mast Arm Mounting	6	Each	\$ 900.00	\$ 5,400.00	\$ 2,400.00	\$ 14,400.00	\$ 1,850.00	\$ 11,100.00	\$ 2,000.00	\$ 12,000.00
623.4021	Pedestrian Signal Assembly (1-Way, 12-inch, One Vertical with Type IV Mounting)	8	Each	\$ 750.00	\$ 6,000.00	\$ 1,500.00	\$ 12,000.00	\$ 1,400.00	\$ 11,200.00	\$ 2,500.00	\$ 20,000.00
623.4040	Pedestrian Push Button with Instruction Sign	8	Each	\$ 500.00	\$ 4,000.00	\$ 1,000.00	\$ 8,000.00	\$ 990.00	\$ 7,920.00	\$ 1,000.00	\$ 8,000.00
623.5001	Traffic Signal Ductline, One 2-inch Conduit, Schedule 40 PVC, Concrete Encased	32	L.F.	\$ 390.00	\$ 12,480.00	\$ 420.00	\$ 13,440.00	\$ 336.00	\$ 10,752.00	\$ 160.00	\$ 5,120.00
623.5002	Traffic Signal Ductline, Two 2-inch Conduit, Schedule 40 PVC, Concrete Encased	190	L.F.	\$ 410.00	\$ 77,900.00	\$ 440.00	\$ 83,600.00	\$ 640.00	\$ 121,600.00	\$ 170.00	\$ 32,300.00
623.5003	Traffic Signal Ductline, Three 2-inch Conduit, Schedule 40 PVC, Concrete Encased	330	L.F.	\$ 660.00	\$ 217,800.00	\$ 710.00	\$ 234,300.00	\$ 602.00	\$ 198,660.00	\$ 180.00	\$ 59,400.00
623.5004	Traffic Signal Ductline, Four 2-inch Conduit, Schedule 40 PVC, Concrete Encased	87	L.F.	\$ 700.00	\$ 60,900.00	\$ 750.00	\$ 65,250.00	\$ 792.00	\$ 68,904.00	\$ 190.00	\$ 16,530.00
623.5005	Traffic Signal Ductline, Five 2-inch Conduit, Schedule 40 PVC, Concrete Encased	150	L.F.	\$ 720.00	\$ 108,000.00	\$ 770.00	\$ 115,500.00	\$ 819.00	\$ 122,850.00	\$ 200.00	\$ 30,000.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.5006	Traffic Signal Ductline, Six 2-inch Conduit, Schedule 40 PVC, Concrete Encased	200	L.F.	\$ 735.00	\$ 147,000.00	\$ 790.00	\$ 158,000.00	\$ 790.00	\$ 158,000.00	\$ 215.00	\$ 43,000.00
623.5008	Traffic Signal Ductline, Eight 2-inch Conduit, Schedule 40 PVC, Concrete Encased	10	L.F.	\$ 560.00	\$ 5,600.00	\$ 600.00	\$ 6,000.00	\$ 903.00	\$ 9,030.00	\$ 245.00	\$ 2,450.00
623.6001	Type A Pullbox	4	Each	\$ 2,325.00	\$ 9,300.00	\$ 2,500.00	\$ 10,000.00	\$ 3,922.00	\$ 15,688.00	\$ 2,500.00	\$ 10,000.00
623.6002	Type B Pullbox	5	Each	\$ 2,790.00	\$ 13,950.00	\$ 3,000.00	\$ 15,000.00	\$ 7,803.00	\$ 39,015.00	\$ 3,400.00	\$ 17,000.00
623.6003	Type C Pullbox	4	Each	\$ 3,255.00	\$ 13,020.00	\$ 3,500.00	\$ 14,000.00	\$ 8,260.00	\$ 33,040.00	\$ 4,100.00	\$ 16,400.00
623.7001	No. 14, 2-Conductor Loop Detector Lead-In Cable	2320	L.F.	\$ 1.00	\$ 2,320.00	\$ 2.00	\$ 4,640.00	\$ 4.00	\$ 9,280.00	\$ 7.00	\$ 16,240.00
623.7002	No. 14, 26-Conductor Traffic Control Cable	600	L.F.	\$ 10.00	\$ 6,000.00	\$ 5.00	\$ 3,000.00	\$ 13.00	\$ 7,800.00	\$ 14.00	\$ 8,400.00
623.7003	No. 6, 3-Conductor Power Cable	2310	L.F.	\$ 6.00	\$ 13,860.00	\$ 2.00	\$ 4,620.00	\$ 19.50	\$ 45,045.00	\$ 10.00	\$ 23,100.00
623.7004	No. 14, 4-Conductor Signal Drop Cable	1050	L.F.	\$ 1.00	\$ 1,050.00	\$ 2.00	\$ 2,100.00	\$ 4.00	\$ 4,200.00	\$ 10.00	\$ 10,500.00
623.7005	No. 19, 24-Conductor Inter-Connect Cable	2000	L.F.	\$ 7.00	\$ 14,000.00	\$ 2.00	\$ 4,000.00	\$ 8.00	\$ 16,000.00	\$ 14.00	\$ 28,000.00
623.7006	EVP Cable	1100	L.F.	\$ 2.00	\$ 2,200.00	\$ 1.00	\$ 1,100.00	\$ 4.00	\$ 4,400.00	\$ 7.00	\$ 7,700.00
623.7041	Loop Detector Sensing Unit (6 FT x 6 FT) One Loop	7	Each	\$ 1,400.00	\$ 9,800.00	\$ 1,500.00	\$ 10,500.00	\$ 2,005.00	\$ 14,035.00	\$ 1,500.00	\$ 10,500.00
623.7043	Loop Detector Sensing Unit (6 FT x 6 FT) Four Loops	6	Each	\$ 5,600.00	\$ 33,600.00	\$ 6,000.00	\$ 36,000.00	\$ 8,025.00	\$ 48,150.00	\$ 6,000.00	\$ 36,000.00
623.8000	Hawaiian Electric Company Service Connections Fees	F.A.	F.A.	F.A.	\$ 36,000.00	F.A.	\$ 36,000.00	F.A.	\$ 36,000.00	F.A.	\$ 36,000.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.8010	Coordinate with HECO to have HECO raise existing overhead lines as required to clear new Type II Traffic Signal Standard Mast Arm	1	Each	\$ 1,000.00	\$ 1,000.00	\$ 800.00	\$ 800.00	\$ 5,000.00	\$ 5,000.00	\$ 2,000.00	\$ 2,000.00
629.1011	6-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), White	240	L.F.	\$ 8.00	\$ 1,920.00	\$ 3.00	\$ 720.00	\$ 5.00	\$ 1,200.00	\$ 5.00	\$ 1,200.00
629.1012	6-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), Yellow	630	L.F.	\$ 8.00	\$ 5,040.00	\$ 3.00	\$ 1,890.00	\$ 5.00	\$ 3,150.00	\$ 5.00	\$ 3,150.00
629.1013	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), Double Yellow	120	L.F.	\$ 11.00	\$ 1,320.00	\$ 4.00	\$ 480.00	\$ 7.00	\$ 840.00	\$ 5.00	\$ 600.00
629.1014	8-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), White	1100	L.F.	\$ 11.00	\$ 12,100.00	\$ 3.00	\$ 3,300.00	\$ 5.00	\$ 5,500.00	\$ 5.00	\$ 5,500.00
629.1015	12-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion), White	90	L.F.	\$ 13.00	\$ 1,170.00	\$ 6.00	\$ 540.00	\$ 11.00	\$ 990.00	\$ 7.00	\$ 630.00
629.1020	Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion)	21	Lane	\$ 1,500.00	\$ 31,500.00	\$ 500.00	\$ 10,500.00	\$ 589.00	\$ 12,369.00	\$ 225.00	\$ 4,725.00
629.1021	Yield Marking (Tape, Type III or Thermoplastic Extrusion)	2	Lane	\$ 600.00	\$ 1,200.00	\$ 150.00	\$ 300.00	\$ 346.00	\$ 692.00	\$ 225.00	\$ 450.00
629.1023	Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)	12	Each	\$ 300.00	\$ 3,600.00	\$ 400.00	\$ 4,800.00	\$ 513.00	\$ 6,156.00	\$ 100.00	\$ 1,200.00
629.2030	Type C Raised Pavement Marker	60	Each	\$ 13.00	\$ 780.00	\$ 6.00	\$ 360.00	\$ 14.00	\$ 840.00	\$ 10.00	\$ 600.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
629.2040	Type D Raised Pavement Marker	2	Each	\$ 13.00	\$ 26.00	\$ 10.00	\$ 20.00	\$ 14.00	\$ 28.00	\$ 10.00	\$ 20.00
629.2070	Type H Raised Pavement Marker	44	Each	\$ 13.00	\$ 572.00	\$ 10.00	\$ 440.00	\$ 14.00	\$ 616.00	\$ 10.00	\$ 440.00
629.4000	Curb, Type 6 Markings (Paint)	15	L.F.	\$ 20.00	\$ 300.00	50	\$ 750.00	\$ 5.00	\$ 75.00	\$ 14.00	\$ 210.00
630.0200	Street Name Sign on Traffic Signal Mast Arm	6	Each	\$ 3,250.00	\$ 19,500.00	\$ 2,700.00	\$ 16,200.00	\$ 4,515.00	\$ 27,090.00	\$ 3,000.00	\$ 18,000.00
631.0100	Regulatory Sign (10 Square Feet or Less)	18	Each	\$ 700.00	\$ 12,600.00	\$ 510.00	\$ 9,180.00	\$ 1,450.00	\$ 26,100.00	\$ 750.00	\$ 13,500.00
632.0100	Reflector Marker-2 mounted on Flexstake HD	9	Each	\$ 300.00	\$ 2,700.00	\$ 220.00	\$ 1,980.00	\$ 450.00	\$ 4,050.00	\$ 300.00	\$ 2,700.00
632.0200	Type II Object Marker	8	Each	\$ 150.00	\$ 1,200.00	\$ 105.00	\$ 840.00	\$ 245.00	\$ 1,960.00	\$ 300.00	\$ 2,400.00
634.0100	Portland Cement Concrete Sidewalk	285	S.Y.	\$ 220.00	\$ 62,700.00	\$ 193.00	\$ 55,005.00	\$ 194.00	\$ 55,290.00	\$ 25.00	\$ 7,125.00
635.0100	HMA Sidewalk	80	S.Y.	\$ 360.00	\$ 28,800.00	\$ 321.00	\$ 25,680.00	\$ 263.00	\$ 21,040.00	\$ 20.00	\$ 1,600.00
638.0100	Curb, Type 3D	125	L.F.	\$ 120.00	\$ 15,000.00	\$ 107.00	\$ 13,375.00	\$ 368.00	\$ 46,000.00	\$ 20.00	\$ 2,500.00
638.0300	Curb and Gutter, Type 2DG	290	L.F.	\$ 150.00	\$ 43,500.00	\$ 134.00	\$ 38,860.00	\$ 180.00	\$ 52,200.00	\$ 30.00	\$ 8,700.00
639.1000	Curb, Type 6	25	L.F.	\$ 50.00	\$ 1,250.00	\$ 44.00	\$ 1,100.00	\$ 500.00	\$ 12,500.00	\$ 20.00	\$ 500.00
641.0100	Hydro-Mulch Seeding (240 S.Y.)	L.S.	L.S.	L.S.	\$ 7,700.00	L.S.	\$ 12,000.00	L.S.	\$ 15,000.00	L.S.	\$ 7,000.00
644.0100	Repair of Existing Sprinkler Systems	F.A.	F.A.	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00
645.1000	Traffic Control	L.S.	L.S.	L.S.	\$ 280,000.00	L.S.	\$ 223,000.00	L.S.	\$ 350,000.00	L.S.	\$ 250,000.00
645.2000	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	F.A.	F.A.	F.A.	\$ 40,000.00	F.A.	\$ 40,000.00	F.A.	\$ 40,000.00	F.A.	\$ 40,000.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
648.0100	Field Posted Drawings	L.S.	L.S.	L.S.	\$ 1,000.00	L.S.	\$ 2,000.00	L.S.	\$ 25,000.00	L.S.	\$ 1,000.00
650.0100	Curb Ramp (Portland Cement Concrete)	7	Each	\$ 14,500.00	\$ 101,500.00	\$ 14,000.00	\$ 98,000.00	\$ 10,500.00	\$ 73,500.00	\$ 7,800.00	\$ 54,600.00
650.0200	Curb Ramp (Asphalt Concrete)	3	Each	\$12,100.00	\$ 36,300.00	\$ 11,000.00	\$ 33,000.00	\$6,864.00	\$ 20,592.00	\$ 7,800.00	\$ 23,400.00
650.0200	Detectable Warning Mat	12	Each	\$ 1,000.00	\$ 12,000.00	\$ 800.00	\$ 9,600.00	\$ 750.00	\$ 9,000.00	\$ 200.00	\$ 2,400.00
680.1000	Coordinate with HECO to Extend the Overhead Service to the Existing Street Light, Complete	1	Each	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 40,000.00	\$ 40,000.00	\$ 2,000.00	\$ 2,000.00
680.2000	Provide New HECO 17-inch x 30-inch Pullbox, Complete	1	Each	\$ 1,500.00	\$ 1,500.00	\$ 2,000.00	\$ 2,000.00	\$ 4,700.00	\$ 4,700.00	\$ 2,500.00	\$ 2,500.00
680.3000	Provide New Meter Pedestals, Complete	4	Each	\$ 10,000.00	\$ 40,000.00	\$ 7,900.00	\$ 31,600.00	\$ 34,550.00	\$ 138,200.00	\$ 5,000.00	\$ 20,000.00
680.4000	Provide Stationary Bollards per HECO Standards, Complete	8	Each	\$ 600.00	\$ 4,800.00	\$ 2,000.00	\$ 16,000.00	\$ 1,500.00	\$ 12,000.00	\$ 500.00	\$ 4,000.00
680.5000	Provide New HECO 2-Feet x 4-Feet Handhole, Complete	1	Each	\$ 2,000.00	\$ 2,000.00	\$ 3,300.00	\$ 3,300.00	\$ 7,500.00	\$ 7,500.00	\$ 5,000.00	\$ 5,000.00
680.6000	Provide Conduit, Conductors, Trench Excavation, Trench Backfill, and Concrete Encasement, Complete	270	L.F.	\$ 175.00	\$ 47,250.00	\$ 20.00	\$ 5,400.00	\$ 350.00	\$ 94,500.00	\$ 160.00	\$ 43,200.00
699.1000	Mobilization (Not to Exceed 6% of the Sum of All Items Excluding the Bid Price of this Item)	LS	LS	LS	\$ 150,000.00	LS	\$ 156,000.00	LS	\$ 199,796.22 *	LS	\$ 102,455.00
Sum of All Base Bid Items				\$2,799,673.00		\$2,769,770.00		\$3,529,733.22 *		\$1,810,070.00	
* Corrected Amount											

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
201.0100	Clearing and Grubbing (0.12 acre)	L.S.	L.S.	L.S.	\$ 95,000.00	L.S.	\$ 130,000.00	L.S.	\$ 10,661.00	L.S.	\$ 2,000.00
201.0200	ISA Certified Arborist	F.A.	F.A.	F.A.	\$ 10,000.00	F.A.	\$ 10,000.00	F.A.	\$ 10,000.00	F.A.	\$ 10,000.00
202.2010	Removal of Asphalt Concrete Pavement	425	S.Y.	\$ 220.00	\$ 93,500.00	\$ 200.00	\$ 85,000.00	\$ 57.00	\$ 24,225.00	\$ 20.00	\$ 8,500.00
202.2020	Removal of Portland Cement Concrete Pavement	10	S.Y.	\$ 240.00	\$ 2,400.00	\$ 230.00	\$ 2,300.00	\$ 510.00	\$ 5,100.00	\$ 20.00	\$ 200.00
202.5035	Removal of Existing Concrete Curb	30	L.F.	\$ 25.00	\$ 750.00	\$ 30.00	\$ 900.00	\$ 100.00	\$ 3,000.00	\$ 10.00	\$ 300.00
202.5040	Removal of Existing Concrete Curb and Gutter	65	L.F.	\$ 30.00	\$ 1,950.00	\$ 30.00	\$ 1,950.00	\$ 84.00	\$ 5,460.00	\$ 15.00	\$ 975.00
202.5050	Removal of Existing Concrete Sidewalk and Curb Ramps	160	S.Y.	\$ 220.00	\$ 35,200.00	\$ 200.00	\$ 32,000.00	\$ 115.00	\$ 18,400.00	\$ 15.00	\$ 2,400.00
202.6233	Removal of Existing Traffic Signal System at Intersection of Vineyard Boulevard with Queen Emma Street	L.S.	L.S.	L.S.	\$ 50,000.00	L.S.	\$ 35,000.00	L.S.	\$ 168,100.00	L.S.	\$ 50,000.00
204.3000	HECO Stand-By Inspector for Excavation within 10 feet of 138 kV Underground Power Lines	F.A.	F.A.	F.A.	\$ 50,000.00	F.A.	\$ 50,000.00	F.A.	\$ 50,000.00	F.A.	\$ 50,000.00
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP	L.S.	L.S.	L.S.	\$ 15,000.00	L.S.	\$ 36,000.00	L.S.	\$ 13,250.00	L.S.	\$ 15,000.00
209.0200	Additional Water Pollution, Dust and Erosion Control	F.A.	F.A.	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00
212.0100	Archaeological Monitoring	F.A.	F.A.	F.A.	\$ 100,000.00	F.A.	\$ 100,000.00	F.A.	\$ 100,000.00	F.A.	\$ 100,000.00
219.0100	Determinization and Characterization of Fill Material	L.S.	L.S.	L.S.	\$ 10,600.00	L.S.	\$ 500.00	L.S.	\$ 5,100.00	L.S.	\$ 5,000.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
219.0200	Testing of Lead Based Paint	F.A.	F.A.	F.A.	\$ 4,000.00	F.A.	\$ 4,000.00	F.A.	\$ 4,000.00	F.A.	\$ 4,000.00
411.0200	14-Inch Concrete Pavement	10	S.Y.	\$ 500.00	\$ 5,000.00	\$ 428.00	\$ 4,280.00	\$ 1,258.00	\$ 12,580.00	\$ 1,500.00	\$ 15,000.00
511.1003	Furnish Drilled Shaft Drilling Equipment at Intersection of Vineyard Boulevard with Queen Emma Street	L.S.	L.S.	L.S.	\$ 5,000.00	L.S.	\$ 60,000.00	L.S.	\$ 7,500.00	L.S.	\$ 25,000.00
511.2000	Obstruction	40	Hour	\$ 465.00	\$ 18,600.00	\$ 500.00	\$ 20,000.00	\$ 1,500.00	\$ 60,000.00	\$ 500.00	\$ 20,000.00
511.3030	Drilled Shaft (30-inch Diameter Shafts)	36	L.F.	\$ 650.00	\$ 23,400.00	\$ 700.00	\$ 25,200.00	\$ 585.00	\$ 21,060.00	\$ 1,400.00	\$ 50,400.00
511.4030	Unclassified Shaft Excavation (30-inch Diameter Shafts)	36	L.F.	\$ 1,600.00	\$ 57,600.00	\$ 350.00	\$ 12,600.00	\$ 745.00	\$ 26,820.00	\$ 300.00	\$ 10,800.00
511.5000	Coring for Integrity Testing for acceptable Drilled Shaft	60	L.F.	\$ 235.00	\$ 14,100.00	\$ 200.00	\$ 12,000.00	\$ 210.00	\$ 12,600.00	\$ 200.00	\$ 12,000.00
623.1000	Controller Assembly with Software	1	Each	\$ 29,000.00	\$ 29,000.00	\$ 34,000.00	\$ 34,000.00	\$ 44,000.00	\$ 44,000.00	\$ 40,000.00	\$ 40,000.00
623.2000	Type I Traffic Signal Standard, H = 10 Feet	2	Each	\$ 1,600.00	\$ 3,200.00	\$ 2,300.00	\$ 4,600.00	\$ 5,485.00	\$ 10,970.00	\$ 12,000.00	\$ 24,000.00
623.2025	Type II Traffic Signal Standard with 25-Foot Mast Arm	1	Each	\$ 21,800.00	\$ 21,800.00	\$ 45,500.00	\$ 45,500.00	\$ 40,520.00	\$ 40,520.00	\$ 40,000.00	\$ 40,000.00
623.2035	Type II Traffic Signal Standard with 35-Foot Mast Arm	1	Each	\$ 25,600.00	\$ 25,600.00	\$ 50,000.00	\$ 50,000.00	\$ 45,308.00	\$ 45,308.00	\$ 45,000.00	\$ 45,000.00
623.2036	Type II Traffic Signal Standard with 36-Foot Mast Arm	1	Each	\$ 27,500.00	\$ 27,500.00	\$ 51,000.00	\$ 51,000.00	\$ 47,962.00	\$ 47,962.00	\$ 46,000.00	\$ 46,000.00
623.2038	Type II Traffic Signal Standard with 38-Foot Mast Arm	1	Each	\$ 27,800.00	\$ 27,800.00	\$ 52,000.00	\$ 52,000.00	\$ 48,070.00	\$ 48,070.00	\$ 48,000.00	\$ 48,000.00
623.2050	Type II Traffic Signal Standard with 50-Foot Mast Arm	1	Each	\$ 35,000.00	\$ 35,000.00	\$ 61,000.00	\$ 61,000.00	\$ 57,000.00	\$ 57,000.00	\$ 55,000.00	\$ 55,000.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.2100	Foundation for Type I Traffic Signal Standard, H = 10 Feet	2	Each	\$ 8,000.00	\$ 16,000.00	\$ 4,000.00	\$ 8,000.00	\$ 4,800.00	\$ 9,600.00	\$ 3,500.00	\$ 7,000.00
623.2102	Foundation for Controller Cabinet	1	Each	\$ 2,500.00	\$ 2,500.00	\$ 6,000.00	\$ 6,000.00	\$ 5,175.00	\$ 5,175.00	\$ 7,000.00	\$ 7,000.00
623.3001	Traffic Signal Assembly (1-Way, 12-inch, 1-3 Section Vertical, Type VI Mounting with Retroreflective Backplate)	11	Each	\$ 1,800.00	\$ 19,800.00	\$ 2,300.00	\$ 25,300.00	\$ 2,316.00	\$ 25,476.00	\$ 3,200.00	\$ 35,200.00
623.3003	Traffic Signal Assembly (1-Way, 12-inch, 1-3 Section Vertical, Type IV Mounting)	3	Each	\$ 1,200.00	\$ 3,600.00	\$ 2,300.00	\$ 6,900.00	\$ 2,175.00	\$ 6,525.00	\$ 3,000.00	\$ 9,000.00
623.3008	Traffic Signal Assembly (1-Way, 12-inch, 1-3 Section Vertical, Type I Mounting)	2	Each	\$ 1,400.00	\$ 2,800.00	\$ 2,400.00	\$ 4,800.00	\$ 2,375.00	\$ 4,750.00	\$ 3,000.00	\$ 6,000.00
623.3080	EVP Optical Receiver with Mast Arm Mounting	4	Each	\$ 900.00	\$ 3,600.00	\$ 2,400.00	\$ 9,600.00	\$ 1,800.00	\$ 7,200.00	\$ 2,000.00	\$ 8,000.00
623.4021	Pedestrian Signal Assembly (1-Way, 12-inch, One Vertical with Type IV Mounting)	4	Each	\$ 750.00	\$ 3,000.00 *	\$ 1,500.00	\$ 6,000.00	\$ 1,396.00	\$ 5,584.00	\$ 2,500.00	\$ 10,000.00
623.4040	Pedestrian Push Button with Instruction Sign	4	Each	\$ 500.00	\$ 2,000.00	\$ 1,000.00	\$ 4,000.00	\$ 1,037.00	\$ 4,148.00	\$ 1,000.00	\$ 4,000.00
623.5001	Traffic Signal Ductline, One 2-inch Conduit, Schedule 40 PVC, Concrete Encased	86	L.F.	\$ 390.00	\$ 33,540.00 *	\$ 420.00	\$ 36,120.00	\$ 365.00	\$ 31,390.00	\$ 160.00	\$ 13,760.00
623.5002	Traffic Signal Ductline, Two 2-inch Conduit, Schedule 40 PVC, Concrete Encased	150	L.F.	\$ 410.00	\$ 61,500.00	\$ 440.00	\$ 66,000.00	\$ 640.00	\$ 96,000.00	\$ 170.00	\$ 25,500.00
623.5003	Traffic Signal Ductline, Three 2-inch Conduit, Schedule 40 PVC, Concrete Encased	155	L.F.	\$ 660.00	\$ 102,300.00	\$ 710.00	\$ 110,050.00	\$ 689.00	\$ 106,795.00	\$ 180.00	\$ 27,900.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.5004	Traffic Signal Ductline, Four 2-inch Conduit, Schedule 40 PVC, Concrete Encased	264	L.F.	\$ 700.00	\$ 184,800.00	\$ 750.00	\$ 198,000.00	\$ 763.00	\$ 201,432.00	\$ 190.00	\$ 50,160.00
623.5006	Traffic Signal Ductline, Six 2-inch Conduit, Schedule 40 PVC, Concrete Encased	190	L.F.	\$ 735.00	\$ 139,650.00	\$ 790.00	\$ 150,100.00	\$ 807.00	\$ 153,330.00	\$ 215.00	\$ 40,850.00
623.5008	Traffic Signal Ductline, Eight 2-inch Conduit, Schedule 40 PVC, Concrete Encased	12	L.F.	\$ 560.00	\$ 6,720.00	\$ 600.00	\$ 7,200.00	\$ 892.00	\$ 10,704.00	\$ 245.00	\$ 2,940.00
623.6002	Type B Pullbox	8	Each	\$ 2,790.00	\$ 22,320.00	\$ 3,000.00	\$ 24,000.00	\$ 6,608.00	\$ 52,864.00	\$ 3,400.00	\$ 27,200.00
623.6003	Type C Pullbox	3	Each	\$ 3,255.00	\$ 9,765.00	\$ 3,500.00	\$ 10,500.00	\$ 11,242.00	\$ 33,726.00	\$ 4,100.00	\$ 12,300.00
623.7001	No. 14, 2-Conductor Loop Detector Lead-In Cable	1520	L.F.	\$ 1.00	\$ 1,520.00	\$ 2.00	\$ 3,040.00	\$ 7.00	\$ 10,640.00	\$ 7.00	\$ 10,640.00
623.7002	No. 14, 26-Conductor Traffic Control Cable	700	L.F.	\$ 10.00	\$ 7,000.00	\$ 5.00	\$ 3,500.00	\$ 19.50	\$ 13,650.00	\$ 14.00	\$ 9,800.00
623.7003	No. 6, 3-Conductor Power Cable	320	L.F.	\$ 6.00	\$ 1,920.00	\$ 2.00	\$ 640.00	\$ 27.00	\$ 8,640.00	\$ 10.00	\$ 3,200.00
623.7004	No. 14, 4-Conductor Signal Drop Cable	1530	L.F.	\$ 1.00	\$ 1,530.00	\$ 2.00	\$ 3,060.00	\$ 7.00	\$ 10,710.00	\$ 10.00	\$ 15,300.00
623.7005	No. 19, 24-Conductor Inter-Connect Cable	1600	L.F.	\$ 7.00	\$ 11,200.00	\$ 2.00	\$ 3,200.00	\$ 13.50	\$ 21,600.00	\$ 14.00	\$ 22,400.00
623.7006	EVP Cable	930	L.F.	\$ 2.00	\$ 1,860.00	\$ 1.00	\$ 930.00	\$ 7.00	\$ 6,510.00	\$ 7.00	\$ 6,510.00
623.7042	Loop Detector Sensing Unit (6 FT x 6 FT) Two Loops	2	Each	\$ 2,800.00	\$ 5,600.00	\$ 3,000.00	\$ 6,000.00	\$ 3,842.00	\$ 7,684.00	\$ 3,000.00	\$ 6,000.00
623.7043	Loop Detector Sensing Unit (6 FT x 6 FT) Four Loops	2	Each	\$ 5,600.00	\$ 11,200.00	\$ 6,000.00	\$ 12,000.00	\$ 7,685.00	\$ 15,370.00	\$ 6,000.00	\$ 12,000.00
623.7044	Loop Detector Sensing Unit (6 FT x 6 FT) Six Loops	2	Each	\$ 8,400.00	\$ 16,800.00	\$ 9,000.00	\$ 18,000.00	\$ 11,525.00	\$ 23,050.00	\$ 9,000.00	\$ 18,000.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
624.0100	Water Lateral Relocation at Vineyard Boulevard	L.S.	L.S.	L.S.	\$ 9,700.00	L.S.	\$ 8,600.00	L.S.	\$ 29,300.00	L.S.	\$ 2,000.00
625.0100	Reinforced Concrete Jacket	31	L.F.	\$ 600.00	\$ 18,600.00	\$ 200.00	\$ 6,200.00	\$ 334.00	\$ 10,354.00	\$ 100.00	\$ 3,100.00
629.1011	6-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), White	10	L.F.	\$ 16.00	\$ 160.00	\$ 4.00	\$ 40.00	\$ 5.00	\$ 50.00	\$ 5.00	\$ 50.00
629.1012	6-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), Yellow	240	L.F.	\$ 7.00	\$ 1,680.00	\$ 4.00	\$ 960.00	\$ 5.00	\$ 1,200.00	\$ 5.00	\$ 1,200.00
629.1013	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), Double Yellow	100	L.F.	\$ 8.00	\$ 800.00	\$ 4.00	\$ 400.00	\$ 7.00	\$ 700.00	\$ 5.00	\$ 500.00
629.1014	8-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), White	310	L.F.	\$ 8.00	\$ 2,480.00	\$ 4.00	\$ 1,240.00	\$ 5.00	\$ 1,550.00	\$ 5.00	\$ 1,550.00
629.1015	12-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion), White	170	L.F.	\$ 12.00	\$ 2,040.00	\$ 5.00	\$ 850.00	\$ 7.00	\$ 1,190.00	\$ 7.00	\$ 1,190.00
629.1020	Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion)	16	Lane	\$ 1,300.00	\$ 20,800.00	\$ 400.00	\$ 6,400.00	\$ 480.00	\$ 7,680.00	\$ 225.00	\$ 3,600.00
629.1023	Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)	3	Each	\$ 230.00	\$ 690.00	\$ 300.00	\$ 900.00	\$ 437.00	\$ 1,311.00	\$ 100.00	\$ 300.00
629.1024	Pavement Word (Tape, Type III or Thermoplastic Extrusion)	1	Each	\$ 600.00	\$ 600.00	\$ 800.00	\$ 800.00	\$ 850.00	\$ 850.00	\$ 200.00	\$ 200.00
629.2030	Type C Raised Pavement Marker	28	Each	\$ 15.00	\$ 420.00	\$ 10.00	\$ 280.00	\$ 14.00	\$ 392.00	\$ 10.00	\$ 280.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
629.2040	Type D Raised Pavement Marker	5	Each	\$ 15.00	\$ 75.00	\$ 10.00	\$ 50.00	\$ 14.00	\$ 70.00	\$ 10.00	\$ 50.00
629.2070	Type H Raised Pavement Marker	13	Each	\$ 15.00	\$ 195.00	\$ 10.00	\$ 130.00	\$ 14.00	\$ 182.00	\$ 10.00	\$ 130.00
630.0100	Removing, Storing, and Installing Existing Street Name Sign onto Traffic Signal Standard	4	Each	\$ 1,000.00	\$ 4,000.00	\$ 850.00	\$ 3,400.00	\$ 2,200.00	\$ 8,800.00	\$ 1,000.00	\$ 4,000.00
630.0200	Street Name Sign on Traffic Signal Mast Arm	4	Each	\$ 3,500.00	\$ 14,000.00	\$ 2,900.00	\$ 11,600.00	\$ 5,425.00	\$ 21,700.00	\$ 3,000.00	\$ 12,000.00
631.0100	Regulatory Sign (10 Square Feet or Less)	8	Each	\$ 200.00	\$ 1,600.00	\$ 800.00	\$ 6,400.00	\$ 948.00	\$ 7,584.00	\$ 750.00	\$ 6,000.00
632.0200	Type II Object Marker	9	Each	\$ 1,500.00	\$ 13,500.00	\$ 100.00	\$ 900.00	\$ 275.00	\$ 2,475.00	\$ 300.00	\$ 2,700.00
641.0100	Hydro-Mulch Seeding (45 S.Y.)	L.S.	L.S.	L.S.	\$ 3,000.00	L.S.	\$ 12,000.00	L.S.	\$ 7,500.00	L.S.	\$ 1,500.00
644.0100	Repair of Existing Sprinkler Systems	F.A.	F.A.	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00
645.1000	Traffic Control	L.S.	L.S.	L.S.	\$ 145,000.00	L.S.	\$ 110,000.00	L.S.	\$ 101,937.00	L.S.	\$ 100,000.00
645.2000	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	F.A.	F.A.	F.A.	\$ 30,000.00	F.A.	\$ 30,000.00	F.A.	\$ 30,000.00	F.A.	\$ 30,000.00
648.0100	Field Posted Drawings	L.S.	L.S.	L.S.	\$ 1,000.00	L.S.	\$ 2,000.00	L.S.	\$ 13,227.00	L.S.	\$ 1,000.00
650.0100	Curb Ramp (Portland Cement Concrete)	1	Each	\$ 14,500.00	\$ 14,500.00	\$ 12,840.00	\$ 12,840.00	\$ 10,500.00	\$ 12,390.00	\$ 7,800.00	\$ 7,800.00
650.0200	Detectable Warning Mat	4	Each	\$ 1,000.00	\$ 4,000.00	\$ 810.00	\$ 3,240.00	\$ 750.00	\$ 3,000.00	\$ 200.00	\$ 800.00
699.1000	Mobilization (Not to Exceed 6% of the Sum of All Items Excluding the Bid Price of this Item)	L.S.	L.S.	L.S.	\$ 85,000.00	L.S.	\$ 112,000.00	L.S.	\$ 119,860.86 *	L.S.	\$ 75,610.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
Sum of All Bid Additive Alternate #1 Items					\$1,818,365.00 *		\$1,984,000.00		\$2,117,541.86 *		\$1,335,795.00
					* Corrected Amount				* Corrected Amount		

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
201.0100	Clearing and Grubbing (0.18 acre)	L.S.	L.S.	L.S.	\$ 105,000.00	L.S.	\$ 93,000.00	L.S.	\$ 10,117.00	L.S.	\$ 2,000.00
201.0200	ISA Certified Arborist	F.A.	F.A.	F.A.	\$ 10,000.00	F.A.	\$ 10,000.00	F.A.	\$ 10,000.00	F.A.	\$ 10,000.00
202.2010	Removal of Asphalt Concrete Pavement	610	S.Y.	\$ 220.00	\$ 134,200.00	\$ 200.00	\$ 122,000.00	\$ 54.00	\$ 32,940.00	\$ 20.00	\$ 12,200.00
202.2020	Removal of Portland Cement Concrete Pavement	85	S.Y.	\$ 220.00	\$ 18,700.00	\$ 200.00	\$ 17,000.00	\$ 240.00	\$ 20,400.00	\$ 20.00	\$ 1,700.00
202.5035	Removal of Existing Concrete Curb	275	L.F.	\$ 25.00	\$ 6,875.00	\$ 30.00	\$ 8,250.00	\$ 99.00	\$ 27,225.00	\$ 10.00	\$ 2,750.00
202.5040	Removal of Existing Concrete Curb and Gutter	160	L.F.	\$ 30.00	\$ 4,800.00	\$ 30.00	\$ 4,800.00	\$ 175.00	\$ 28,000.00	\$ 15.00	\$ 2,400.00
202.5050	Removal of Existing Concrete Sidewalk and Curb Ramps	115	S.Y.	\$ 220.00	\$ 25,300.00	\$ 200.00	\$ 23,000.00	\$ 169.00	\$ 19,435.00	\$ 15.00	\$ 1,725.00
202.6060	Removal of Existing Guardrail	380	L.F.	\$ 25.00	\$ 9,500.00	\$ 30.00	\$ 11,400.00	\$ 76.00	\$ 28,880.00	\$ 20.00	\$ 7,600.00
202.6070	Removal of Existing Terminal Impact Attenuators at Kalaniana'ole Highway	2	Each	\$ 5,200.00	\$ 10,400.00	\$ 4,600.00	\$ 9,200.00	\$ 20,711.00	\$ 41,422.00	\$ 5,000.00	\$ 10,000.00
202.6235	Removal of Existing Traffic Signal System at Intersection of Kalaniana'ole Highway with Kalaniiki Street / Waieli Street	L.S.	L.S.	L.S.	\$ 32,000.00	L.S.	\$ 57,000.00	L.S.	\$ 162,000.00	L.S.	\$ 60,000.00
203.0100	Roadway Excavation	45	C.Y.	\$ 300.00	\$ 13,500.00	\$ 241.00	\$ 10,845.00	\$ 1,215.00	\$ 54,675.00	\$ 100.00	\$ 4,500.00
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP	L.S.	L.S.	L.S.	\$ 20,000.00	L.S.	\$ 36,000.00	L.S.	\$ 16,600.00	L.S.	\$ 15,000.00
209.0200	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
219.0100	Determinization and Characterization of Fill Material	L.S.	L.S.	L.S.	\$ 14,500.00	L.S.	\$ 1,000.00	L.S.	\$ 4,700.00	L.S.	\$ 4,000.00
219.0200	Testing of Lead Based Paint	F.A.	F.A.	F.A.	\$ 4,000.00	F.A.	\$ 4,000.00	F.A.	\$ 4,000.00	F.A.	\$ 4,000.00
301.0100	Hot Mix Asphalt Base Course	15	Ton	\$ 970.00	\$ 14,550.00	\$ 860.00	\$ 12,900.00	\$ 850.00	\$ 12,750.00	\$ 500.00	\$ 7,500.00
304.0100	Aggregate Base	3	C.Y.	\$ 150.00	\$ 450.00	\$ 130.00	\$ 390.00	\$ 1,777.00	\$ 5,331.00	\$ 80.00	\$ 240.00
401.0500	HMA Pavement, Mix No. V	30	Ton	\$ 1,100.00	\$ 33,000.00	\$ 965.00	\$ 28,950.00	\$ 1,180.00	\$ 35,400.00	\$ 300.00	\$ 9,000.00
411.0200	14-Inch Concrete Pavement	65	S.Y.	\$ 480.00	\$ 31,200.00	\$ 430.00	\$ 27,950.00	\$ 612.00	\$ 39,780.00	\$ 1,500.00	\$ 97,500.00
511.1005	Furnish Drilled Shaft Drilling Equipment at Intersection of Kalaniana'ole Highway with Kalaniiki Street / Waielei Street	L.S.	L.S.	L.S.	\$ 5,000.00	L.S.	\$ 60,000.00	L.S.	\$ 10,600.00	L.S.	\$ 25,000.00
511.2000	Obstruction	13	Hour	\$ 465.00	\$ 6,045.00	\$ 500.00	\$ 6,500.00	\$ 1,500.00	\$ 19,500.00	\$ 500.00	\$ 6,500.00
511.3024	Drilled Shaft (24-inch Diameter Shafts)	6	L.F.	\$ 800.00	\$ 4,800.00	\$ 600.00	\$ 3,600.00	\$ 1,160.00	\$ 6,960.00	\$ 1,300.00	\$ 7,800.00
511.3030	Drilled Shaft (30-inch Diameter Shafts)	40	L.F.	\$ 900.00	\$ 36,000.00	\$ 700.00	\$ 28,000.00	\$ 737.00	\$ 29,480.00	\$ 1,400.00	\$ 56,000.00
511.4024	Unclassified Shaft Excavation (24-inch Diameter Shafts)	6	L.F.	\$ 1,800.00	\$ 10,800.00	\$ 300.00	\$ 1,800.00	\$ 1,118.00	\$ 6,708.00	\$ 250.00	\$ 1,500.00
511.4030	Unclassified Shaft Excavation (30-inch Diameter Shafts)	40	L.F.	\$ 1,800.00	\$ 72,000.00	\$ 350.00	\$ 14,000.00	\$ 1,044.00	\$ 41,760.00	\$ 300.00	\$ 12,000.00
511.5000	Coring for Integrity Testing for acceptable Drilled Shaft	20	L.F.	\$ 235.00	\$ 4,700.00	\$ 200.00	\$ 4,000.00	\$ 341.00	\$ 6,820.00	\$ 200.00	\$ 4,000.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
606.0100	Guardrail Type 3 - Beam Type Guardrail MASH Compliant	230	L.F.	\$ 40.00	\$ 9,200.00	\$ 70.00	\$ 16,100.00	\$ 86.00	\$ 19,780.00	\$ 100.00	\$ 23,000.00
617.1000	Imported Planting Soil (25 S.Y.)	L.S.	L.S.	L.S.	\$ 1,250.00	L.S.	\$2,000.00	L.S.	\$ 10,000.00	LS	\$ 600.00
623.1000	Controller Assembly with Software	1	Each	\$ 29,000.00	\$ 29,000.00	\$ 34,000.00	\$ 34,000.00	\$ 44,600.00	\$ 44,600.00	\$ 40,000.00	\$ 40,000.00
623.2000	Type I Traffic Signal Standard, H = 10 Feet	4	Each	\$ 1,600.00	\$ 6,400.00	\$ 2,300.00	\$ 9,200.00	\$ 5,485.00	\$ 21,940.00	\$ 12,000.00	\$ 48,000.00
623.2020	Type II Traffic Signal Standard with 20-Foot Mast Arm	1	Each	\$ 19,500.00	\$ 19,500.00	\$ 43,000.00	\$ 43,000.00	\$ 38,656.00	\$ 38,656.00	\$ 34,000.00	\$ 34,000.00
623.2025	Type II Traffic Signal Standard with 25-Foot Mast Arm	1	Each	\$ 21,800.00	\$ 21,800.00	\$ 45,500.00	\$ 45,500.00	\$ 41,994.00	\$ 41,994.00	\$ 40,000.00	\$ 40,000.00
623.2036	Type II Traffic Signal Standard with 36-Foot Mast Arm	2	Each	\$ 27,500.00	\$ 55,000.00	\$ 51,000.00	\$ 102,000.00	\$ 49,750.00	\$ 99,500.00	\$ 46,000.00	\$ 92,000.00
623.2037	Type II Traffic Signal Standard with 37-Foot Mast Arm	1	Each	\$ 27,600.00	\$ 27,600.00	\$ 51,500.00	\$ 51,500.00	\$ 49,800.00	\$ 49,800.00	\$ 47,000.00	\$ 47,000.00
623.2100	Foundation for Type I Traffic Signal Standard, H = 10 Feet	4	Each	\$ 8,000.00	\$ 32,000.00	\$ 4,000.00	\$ 16,000.00	\$ 5,175.00	\$ 20,700.00	\$ 3,500.00	\$ 14,000.00
623.2102	Foundation for Controller Cabinet	1	Each	\$ 2,500.00	\$ 2,500.00	\$ 6,000.00	\$ 6,000.00	\$ 6,360.00	\$ 6,360.00	\$ 7,000.00	\$ 7,000.00
623.3001	Traffic Signal Assembly (1-Way, 12-inch, 1-3 Section Vertical, Type VI Mounting with Retroreflective Backplate)	10	Each	\$ 1,800.00	\$ 18,000.00	\$ 2,300.00	\$ 23,000.00	\$ 2,400.00	\$ 24,000.00	\$ 3,200.00	\$ 32,000.00
623.3002	Traffic Signal Assembly (1-Way, 12-inch, 1-3 Section Vertical, Programmable Visibility, Type VI Mounting with Retroreflective Backplate)	2	Each	\$ 5,000.00	\$ 10,000.00	\$ 6,000.00	\$ 12,000.00	\$ 6,706.00	\$ 13,412.00	\$ 5,000.00	\$ 10,000.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.3003	Traffic Signal Assembly (1-Way, 12-inch, 1-3 Section Vertical, Type IV Mounting)	1	Each	\$ 1,200.00	\$ 1,200.00	\$ 2,300.00	\$ 2,300.00	\$ 2,173.00	\$ 2,173.00	\$ 3,000.00	\$ 3,000.00
623.3004	Traffic Signal Assembly (1-Way, 12-inch, 1-3 Section Vertical, Programmable Visibility, Type IV Mounting)	1	Each	\$ 4,800.00	\$ 4,800.00	\$ 6,000.00	\$ 6,000.00	\$ 6,232.00	\$ 6,232.00	\$ 5,000.00	\$ 5,000.00
623.3005	Traffic Signal Assembly (3-Way, 12-inch, 1-3 Section Vertical, Programmable Visibility, Type III Mounting)	2	Each	\$ 4,900.00	\$ 9,800.00	\$ 6,000.00	\$ 12,000.00	\$ 9,196.00	\$ 18,392.00	\$ 5,000.00	\$ 10,000.00
623.3006	Traffic Signal Assembly (3-Way, 12-inch, 1-3 Section Vertical, Type III Mounting)	1	Each	\$ 1,600.00	\$ 1,600.00	\$ 2,400.00	\$ 2,400.00	\$ 5,113.00	\$ 5,113.00	\$ 3,000.00	\$ 3,000.00
623.3007	Traffic Signal Assembly (2-Way, 12-inch, 1-3 Section Vertical, Type II Mounting)	2	Each	\$ 1,500.00	\$ 3,000.00	\$ 2,400.00	\$ 4,800.00	\$ 3,744.00	\$ 7,488.00	\$ 3,000.00	\$ 6,000.00
623.3008	Traffic Signal Assembly (1-Way, 12-inch, 1-3 Section Vertical, Type I Mounting)	2	Each	\$ 1,400.00	\$ 2,800.00	\$ 2,400.00	\$ 4,800.00	\$ 2,375.00	\$ 4,750.00	\$ 3,000.00	\$ 6,000.00
623.3080	EVP Optical Receiver with Mast Arm Mounting	4	Each	\$ 900.00	\$ 3,600.00	\$ 2,400.00	\$ 9,600.00	\$ 1,800.00	\$ 7,200.00	\$ 2,000.00	\$ 8,000.00
623.4021	Pedestrian Signal Assembly (1-Way, 12-inch, One Vertical with Type IV Mounting)	5	Each	\$ 750.00	\$ 3,750.00	\$ 1,500.00	\$ 7,500.00	\$ 1,400.00	\$ 7,000.00	\$ 2,500.00	\$ 12,500.00
623.4040	Pedestrian Push Button with Instruction Sign	7	Each	\$ 500.00	\$ 3,500.00	\$ 1,000.00	\$ 7,000.00	\$ 1,052.00	\$ 7,364.00	\$ 1,000.00	\$ 7,000.00
623.5001	Traffic Signal Ductline, One 2-inch Conduit, Schedule 40 PVC, Concrete Encased	150	L.F.	\$ 400.00	\$ 60,000.00	\$ 420.00	\$ 63,000.00	\$ 500.00	\$ 75,000.00	\$ 160.00	\$ 24,000.00
623.5002	Traffic Signal Ductline, Two 2-inch Conduit, Schedule 40 PVC, Concrete Encased	200	L.F.	\$ 420.00	\$ 84,000.00	\$ 440.00	\$ 88,000.00	\$ 700.00	\$ 140,000.00	\$ 170.00	\$ 34,000.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.5003	Traffic Signal Ductline, Three 2-inch Conduit, Schedule 40 PVC, Concrete Encased	70	L.F.	\$ 670.00	\$ 46,900.00	\$ 710.00	\$ 49,700.00	\$ 738.00	\$ 51,660.00	\$ 180.00	\$ 12,600.00
623.5004	Traffic Signal Ductline, Four 2-inch Conduit, Schedule 40 PVC, Concrete Encased	460	L.F.	\$ 710.00	\$ 326,600.00	\$ 750.00	\$ 345,000.00	\$ 819.00	\$ 376,740.00	\$ 190.00	\$ 87,400.00
623.5008	Traffic Signal Ductline, Eight 2-inch Conduit, Schedule 40 PVC, Concrete Encased	20	L.F.	\$ 570.00	\$ 11,400.00	\$ 600.00	\$ 12,000.00	\$ 1,075.00	\$ 21,500.00	\$ 245.00	\$ 4,900.00
623.6001	Type A Pullbox	7	Each	\$ 2,400.00	\$ 16,800.00	\$ 2,500.00	\$ 17,500.00	\$ 3,922.00	\$ 27,454.00	\$ 2,500.00	\$ 17,500.00
623.6002	Type B Pullbox	5	Each	\$ 2,800.00	\$ 14,000.00	\$ 3,000.00	\$ 15,000.00	\$ 8,087.00	\$ 40,435.00	\$ 3,400.00	\$ 17,000.00
623.6003	Type C Pullbox	1	Each	\$ 3,300.00	\$ 3,300.00	\$ 3,500.00	\$ 3,500.00	\$ 8,559.00	\$ 8,559.00	\$ 4,100.00	\$ 4,100.00
623.7001	No. 14, 2-Conductor Loop Detector Lead-In Cable	1580	L.F.	\$ 1.00	\$ 1,580.00	\$ 2.00	\$ 3,160.00	\$ 7.00	\$ 11,060.00	\$ 7.00	\$ 11,060.00
623.7002	No. 14, 26-Conductor Traffic Control Cable	800	L.F.	\$ 10.00	\$ 8,000.00	\$ 5.00	\$ 4,000.00	\$ 20.00	\$ 16,000.00	\$ 14.00	\$ 11,200.00
623.7003	No. 6, 3-Conductor Power Cable	100	L.F.	\$ 6.00	\$ 600.00	\$ 2.00	\$ 200.00	\$ 7.00	\$ 700.00	\$ 10.00	\$ 1,000.00
623.7004	No. 14, 4-Conductor Signal Drop Cable	1650	L.F.	\$ 1.00	\$ 1,650.00	\$ 2.00	\$ 3,300.00	\$ 7.00	\$ 11,550.00	\$ 10.00	\$ 16,500.00
623.7006	EVP Cable	1020	L.F.	\$ 2.00	\$ 2,040.00	\$ 1.00	\$ 1,020.00	\$ 7.00	\$ 7,140.00	\$ 7.00	\$ 7,140.00
623.7041	Loop Detector Sensing Unit (6 FT x 6 FT) One Loop	6	Each	\$ 1,500.00	\$ 9,000.00	\$ 1,500.00	\$ 9,000.00	\$ 2,078.00	\$ 12,468.00	\$ 1,500.00	\$ 9,000.00
623.7042	Loop Detector Sensing Unit (6 FT x 6 FT) Two Loops	6	Each	\$ 3,000.00	\$ 18,000.00	\$ 3,000.00	\$ 18,000.00	\$ 4,157.00	\$ 24,942.00	\$ 3,000.00	\$ 18,000.00
623.7043	Loop Detector Sensing Unit (6 FT x 6 FT) Four Loops	3	Each	\$ 6,000.00	\$ 18,000.00	\$ 6,000.00	\$ 18,000.00	\$ 8,315.00	\$ 24,945.00	\$ 6,000.00	\$ 18,000.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.7044	Loop Detector Sensing Unit (6 FT x 6 FT) Six Loops	2	Each	\$ 9,000.00	\$ 18,000.00	\$ 9,000.00	\$ 18,000.00	\$ 12,471.00	\$ 24,942.00	\$ 9,000.00	\$ 18,000.00
623.8000	Hawaiian Electric Company Service Connections Fees	F.A.	F.A.	F.A.	\$ 25,000.00	F.A.	\$ 25,000.00	F.A.	\$ 25,000.00	F.A.	\$ 25,000.00
623.9000	Reinforced Concrete Jacket Over Drain Line	2	Each	\$ 11,000.00	\$ 22,000.00	\$ 2,600.00	\$ 5,200.00	\$ 8,707.00	\$ 17,414.00	\$ 4,000.00	\$ 8,000.00
624.0200	Water Lateral Relocation at Kalaniana'ole Highway	L.S.	L.S.	L.S.	\$ 14,500.00	L.S.	\$ 12,840.00	L.S.	\$ 25,002.00	L.S.	\$ 2,000.00
625.0100	Reinforced Concrete Jacket	22	L.F.	\$ 600.00	\$ 13,200.00	\$ 200.00	\$ 4,400.00	\$ 608.00	\$ 13,376.00	\$ 100.00	\$ 2,200.00
629.1004	4-Inch Profiled Pavement Striping (Thermoplastic Extrusion), White	2200	L.F.	\$ 12.00	\$ 26,400.00	\$ 3.00	\$ 6,600.00	\$ 4.00	\$ 8,800.00	\$ 10.00	\$ 22,000.00
629.1011	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), White	1000	L.F.	\$ 10.00	\$ 10,000.00	\$ 3.00	\$ 3,000.00	\$ 4.00	\$ 4,000.00	\$ 4.00	\$ 4,000.00
629.1012	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), Yellow	1700	L.F.	\$ 10.00	\$ 17,000.00	\$ 3.00	\$ 5,100.00	\$ 4.00	\$ 6,800.00	\$ 4.00	\$ 6,800.00
629.1013	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), Double Yellow	800	L.F.	\$ 12.00	\$ 9,600.00	\$ 4.00	\$ 3,200.00	\$ 5.00	\$ 4,000.00	\$ 5.00	\$ 4,000.00
629.1014	8-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), White	760	L.F.	\$ 11.00	\$ 8,360.00	\$ 4.00	\$ 3,040.00	\$ 5.00	\$ 3,800.00	\$ 5.00	\$ 3,800.00
629.1015	12-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion), White or Yellow	170	L.F.	\$ 13.00	\$ 2,210.00	\$ 5.00	\$ 850.00	\$ 9.00	\$ 1,530.00	\$ 7.00	\$ 1,190.00
629.1020	Crosswalk Marking (Tape, Type III or Thermoplastic Extrusion)	13	Lane	\$ 2,100.00	\$ 27,300.00	\$ 500.00	\$ 6,500.00	\$ 600.00	\$ 7,800.00	\$ 225.00	\$ 2,925.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
629.1022	HOV Lane Marking (Tape, Type III or Thermoplastic Extrusion)	2	Each	\$ 400.00	\$ 800.00	\$ 200.00	\$ 400.00	\$ 400.00	\$ 800.00	\$ 300.00	\$ 600.00
629.1023	Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)	10	Each	\$ 360.00	\$ 3,600.00	\$ 530.00	\$ 5,300.00	\$ 690.00	\$ 6,900.00	\$ 100.00	\$ 1,000.00
629.1024	Pavement Word (Tape, Type III or Thermoplastic Extrusion)	3	Each	\$ 600.00	\$ 1,800.00	\$ 900.00	\$ 2,700.00	\$ 1,200.00	\$ 3,600.00	\$ 200.00	\$ 600.00
629.2030	Type C Raised Pavement Marker	110	Each	\$ 13.00	\$ 1,430.00	\$ 7.00	\$ 770.00	\$ 11.00	\$ 1,210.00	\$ 10.00	\$ 1,100.00
629.2040	Type D Raised Pavement Marker	50	Each	\$ 13.00	\$ 650.00	\$ 7.00	\$ 350.00	\$ 11.00	\$ 550.00	\$ 10.00	\$ 500.00
629.2070	Type H Raised Pavement Marker	50	Each	\$ 13.00	\$ 650.00	\$ 7.00	\$ 350.00	\$ 11.00	\$ 550.00	\$ 10.00	\$ 500.00
629.2080	Type F Raised Pavement Marker	1	Each	\$ 35.00	\$ 35.00	\$ 10.00	\$ 10.00	\$ 25.00	\$ 25.00	\$ 10.00	\$ 10.00
630.0100	Removing, Storing, and Installing Existing Street Name Sign onto Traffic Signal Standard	2	Each	\$ 1,000.00	\$ 2,000.00	\$ 850.00	\$ 1,700.00	\$ 3,750.00	\$ 7,500.00	\$ 1,000.00	\$ 2,000.00
630.0200	Street Name Sign on Traffic Signal Mast Arm	4	Each	\$ 3,500.00	\$ 14,000.00	\$ 2,900.00	\$ 11,600.00	\$ 2,650.00	\$ 10,600.00	\$ 3,000.00	\$ 12,000.00
631.0100	Regulatory Sign (10 Square Feet or Less)	6	Each	\$ 1,300.00	\$ 7,800.00	\$ 1,100.00	\$ 6,600.00	\$ 2,650.00	\$ 15,900.00	\$ 750.00	\$ 4,500.00
632.0200	Type II Object Marker	9	Each	\$ 150.00	\$ 1,350.00	\$ 150.00	\$ 1,350.00	\$ 410.00	\$ 3,690.00	\$ 300.00	\$ 2,700.00
634.0100	Portland Cement Concrete Sidewalk	115	S.Y.	\$ 220.00	\$ 25,300.00	\$ 193.00	\$ 22,195.00	\$ 282.00	\$ 32,430.00	\$ 25.00	\$ 2,875.00
635.0100	HMA Sidewalk	30	S.Y.	\$ 360.00	\$ 10,800.00	\$ 320.00	\$ 9,600.00	\$ 362.00	\$ 10,860.00	\$ 20.00	\$ 600.00
638.0200	Curb, Type 2A	260	L.F.	\$ 120.00	\$ 31,200.00	\$ 105.00	\$ 27,300.00	\$ 130.00	\$ 33,800.00	\$ 25.00	\$ 6,500.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
638.0300	Curb and Gutter, Type 2DG	140	L.F.	\$ 150.00	\$ 21,000.00	\$ 134.00	\$ 18,760.00	\$ 262.00	\$ 36,680.00	\$ 30.00	\$ 4,200.00
641.0100	Hydro-Mulch Seeding (60 S.Y.)	L.S.	L.S.	L.S.	\$ 4,000.00	L.S.	\$ 12,000.00	L.S.	\$ 7,500.00	L.S.	\$ 1,500.00
644.0100	Repair of Existing Sprinkler Systems	F.A.	F.A.	F.A.	\$ 20,000.00	F.A.	\$ 20,000.00	F.A.	\$ 20,000.00	F.A.	\$ 20,000.00
645.1000	Traffic Control	L.S.	L.S.	L.S.	\$ 275,000.00	L.S.	\$ 110,000.00	L.S.	\$ 151,386.00	L.S.	\$ 230,000.00
645.2000	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	F.A.	F.A.	F.A.	\$ 30,000.00	F.A.	\$ 30,000.00	F.A.	\$ 30,000.00	F.A.	\$ 30,000.00
648.0100	Field Posted Drawings	L.S.	L.S.	L.S.	\$ 1,000.00	L.S.	\$ 2,000.00	L.S.	\$ 18,335.00	L.S.	\$ 1,000.00
650.0100	Curb Ramp (Portland Cement Concrete)	3	Each	\$ 14,500.00	\$ 43,500.00	\$ 12,840.00	\$ 38,520.00	\$ 8,168.00	\$ 24,504.00	\$ 7,800.00	\$ 23,400.00
650.0200	Curb Ramp (Asphalt Concrete)	1	Each	\$ 12,100.00	\$ 12,100.00	\$ 10,700.00	\$ 10,700.00	\$ 4,000.00	\$ 4,000.00	\$ 7,800.00	\$ 7,800.00
650.0200	Detectable Warning Mat	8	Each	\$ 1,000.00	\$ 8,000.00	\$ 800.00	\$ 6,400.00	\$ 733.00	\$ 5,864.00	\$ 200.00	\$ 1,600.00
693.0100	Terminal Impact Attenuator - HDOT Approved MASH Compliant, TL-3	2	Each	\$ 70,000.00	\$ 140,000.00	\$ 50,000.00	\$ 100,000.00	\$ 90,000.00	\$ 180,000.00	\$ 60,000.00	\$ 120,000.00
699.1000	Mobilization (Not to Exceed 6% of the Sum of All Items Excluding the Bid Price of this Item)	LS	LS	LS	\$ 79,400.00	LS	\$ 127,000.00	LS	\$ 164,174.28 *	LS	\$ 101,175.00
Sum of All Bid Additive Alternate #2 Items					\$2,449,475.00	\$2,327,000.00		\$2,900,412.28 *		\$1,787,490.00	
* Corrected Amount											

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
201.0100	Clearing and Grubbing (0.03 acre)	L.S.	L.S.	L.S.	\$ 18,900.00	L.S.	\$ 17,000.00	L.S.	\$ 10,117.00	L.S.	\$ 1,000.00
202.2010	Removal of Asphalt Concrete Pavement	210	S.Y.	\$ 220.00	\$ 46,200.00	\$ 200.00	\$ 42,000.00	\$ 102.00	\$ 21,420.00	\$ 20.00	\$ 4,200.00
202.5035	Removal of Existing Concrete Curb	15	L.F.	\$ 25.00	\$ 375.00	\$ 30.00	\$ 450.00	\$ 293.00	\$ 4,395.00	\$ 10.00	\$ 150.00
202.5040	Removal of Existing Concrete Curb and Gutter	35	L.F.	\$ 30.00	\$ 1,050.00	\$ 30.00	\$ 1,050.00	\$ 152.00	\$ 5,320.00	\$ 15.00	\$ 525.00
202.5050	Removal of Existing Concrete Sidewalk, Driveway, and Curb Ramps	90	S.Y.	\$ 215.00	\$ 19,350.00	\$ 200.00	\$ 18,000.00	\$ 216.00	\$ 19,440.00	\$ 15.00	\$ 1,350.00
202.6234	Removal of Existing Traffic Signal System at Intersection of Route H-1 Exit 26A with Koko Head Avenue	L.S.	L.S.	L.S.	\$ 18,000.00	L.S.	\$ 18,000.00	L.S.	\$ 94,728.00	L.S.	\$ 25,000.00
203.0200	Imported Borrow Excavated Material	6	C.Y.	\$ 150.00	\$ 900.00	\$ 150.00	\$ 900.00	\$ 248.00	\$ 1,488.00	\$ 100.00	\$ 600.00
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP	L.S.	L.S.	L.S.	\$ 15,000.00	L.S.	\$ 36,000.00	L.S.	\$ 20,100.00	L.S.	\$ 5,000.00
209.0200	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00
219.0100	Determinization and Characterization of Fill Material	L.S.	L.S.	L.S.	\$ 7,500.00	L.S.	\$ 1,000.00	L.S.	\$ 7,125.00	L.S.	\$ 5,000.00
219.0200	Testing of Lead Based Paint	F.A.	F.A.	F.A.	\$ 4,000.00	F.A.	\$ 4,000.00	F.A.	\$ 4,000.00	F.A.	\$ 4,000.00
511.1004	Furnish Drilled Shaft Drilling Equipment at Intersection of Route H-1 Exit 26A with Koko Head Avenue	L.S.	L.S.	L.S.	\$ 5,000.00	L.S.	\$ 30,000.00	L.S.	\$ 8,105.00	L.S.	\$ 20,000.00
511.2000	Obstruction	5	Hour	\$ 465.00	\$ 2,325.00	\$ 500.00	\$ 2,500.00	\$ 1,500.00	\$ 7,500.00	\$ 500.00	\$ 2,500.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
511.3030	Drilled Shaft (30-inch Diameter Shafts)	18	L.F.	\$ 650.00	\$ 11,700.00	\$ 700.00	\$ 12,600.00	\$ 751.00	\$ 13,518.00	\$ 1,400.00	\$ 25,200.00
511.4030	Unclassified Shaft Excavation (30-inch Diameter Shafts)	18	L.F.	\$ 1,600.00	\$ 28,800.00	\$ 350.00	\$ 6,300.00	\$ 1,488.00	\$ 26,784.00	\$ 300.00	\$ 5,400.00
511.5000	Coring for Integrity Testing for acceptable Drilled Shaft	10	L.F.	\$ 235.00	\$ 2,350.00	\$ 200.00	\$ 2,000.00	\$ 810.00	\$ 8,100.00	\$ 200.00	\$ 2,000.00
623.1000	Controller Assembly with Software	2	Each	\$ 29,000.00	\$ 58,000.00	\$ 34,000.00	\$ 68,000.00	\$ 44,603.00	\$ 89,206.00	\$ 40,000.00	\$ 80,000.00
623.2000	Type I Traffic Signal Standard, H = 10 Feet	2	Each	\$ 1,600.00	\$ 3,200.00	\$ 2,300.00	\$ 4,600.00	\$ 5,500.00	\$ 11,000.00	\$ 12,000.00	\$ 24,000.00
623.2027	Type II Traffic Signal Standard with 27-Foot Mast Arm	1	Each	\$ 22,200.00	\$ 22,200.00	\$ 46,000.00	\$ 46,000.00	\$ 42,130.00	\$ 42,130.00	\$ 42,000.00	\$ 42,000.00
623.2038	Type II Traffic Signal Standard with 38-Foot Mast Arm	2	Each	\$ 27,800.00	\$ 55,600.00	\$ 52,000.00	\$ 104,000.00	\$ 50,000.00	\$ 100,000.00	\$ 48,000.00	\$ 96,000.00
623.2100	Foundation for Type I Traffic Signal Standard, H = 10 Feet	2	Each	\$ 8,000.00	\$ 16,000.00	\$ 4,000.00	\$ 8,000.00	\$ 5,150.00	\$ 10,300.00	\$ 3,500.00	\$ 7,000.00
623.2102	Foundation for Controller Cabinet	2	Each	\$ 4,000.00	\$ 8,000.00	\$ 6,000.00	\$ 12,000.00	\$ 7,775.00	\$ 15,550.00	\$ 7,000.00	\$ 14,000.00
623.3001	Traffic Signal Assembly (1-Way, 12-inch, 1-3 Section Vertical, Type VI Mounting with Retroreflective Backplate)	4	Each	\$ 1,800.00	\$ 7,200.00	\$ 2,300.00	\$ 9,200.00	\$ 2,400.00	\$ 9,600.00	\$ 3,200.00	\$ 12,800.00
623.3003	Traffic Signal Assembly (1-Way, 12-inch, 1-3 Section Vertical, Type IV Mounting)	2	Each	\$ 1,200.00	\$ 2,400.00	\$ 2,300.00	\$ 4,600.00	\$ 2,175.00	\$ 4,350.00	\$ 3,000.00	\$ 6,000.00
623.3008	Traffic Signal Assembly (1-Way, 12-inch, 1-3 Section Vertical, Type I Mounting)	1	Each	\$ 1,400.00	\$ 1,400.00	\$ 2,400.00	\$ 2,400.00	\$ 2,375.00	\$ 2,375.00	\$ 3,000.00	\$ 3,000.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.3080	EVP Optical Receiver with Mast Arm Mounting	2	Each	\$ 900.00	\$ 1,800.00	\$ 2,400.00	\$ 4,800.00	\$ 1,800.00	\$ 3,600.00	\$ 2,000.00	\$ 4,000.00
623.3081	EVP Optical Receiver with Top of Pole Mounting	1	Each	\$ 900.00	\$ 900.00	\$ 2,300.00	\$ 2,300.00	\$ 2,286.00	\$ 2,286.00	\$ 2,000.00	\$ 2,000.00
623.4021	Pedestrian Signal Assembly (1-Way, 12-inch, One Vertical with Type IV Mounting)	1	Each	\$ 750.00	\$ 750.00	\$ 1,500.00	\$ 1,500.00	\$ 1,400.00	\$ 1,400.00	\$ 2,500.00	\$ 2,500.00
623.4040	Pedestrian Push Button with Instruction Sign	2	Each	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00
623.5001	Traffic Signal Ductline, One 2-inch Conduit, Schedule 40 PVC, Concrete Encased	22	L.F.	\$ 390.00	\$ 8,580.00	\$ 420.00	\$ 9,240.00	\$ 500.00	\$ 11,000.00	\$ 160.00	\$ 3,520.00
623.5002	Traffic Signal Ductline, Two 2-inch Conduit, Schedule 40 PVC, Concrete Encased	200	L.F.	\$ 410.00	\$ 82,000.00	\$ 440.00	\$ 88,000.00	\$ 698.00	\$ 139,600.00	\$ 170.00	\$ 34,000.00
623.5003	Traffic Signal Ductline, Three 2-inch Conduit, Schedule 40 PVC, Concrete Encased	360	L.F.	\$ 660.00	\$ 237,600.00	\$ 710.00	\$ 255,600.00	\$ 738.00	\$ 265,680.00	\$ 180.00	\$ 64,800.00
623.5004	Traffic Signal Ductline, Four 2-inch Conduit, Schedule 40 PVC, Concrete Encased	107	L.F.	\$ 700.00	\$ 74,900.00	\$ 750.00	\$ 80,250.00	\$ 820.00	\$ 87,740.00	\$ 190.00	\$ 20,330.00
623.5006	Traffic Signal Ductline, Six 2-inch Conduit, Schedule 40 PVC, Concrete Encased	20	L.F.	\$ 735.00	\$ 14,700.00	\$ 790.00	\$ 15,800.00	\$ 1,000.00	\$ 20,000.00	\$ 215.00	\$ 4,300.00
623.5008	Traffic Signal Ductline, Eight 2-inch Conduit, Schedule 40 PVC, Concrete Encased	8	L.F.	\$ 560.00	\$ 4,480.00	\$ 600.00	\$ 4,800.00	\$ 1,074.00	\$ 8,592.00	\$ 245.00	\$ 1,960.00
623.6002	Type B Pullbox	6	Each	\$ 2,790.00	\$ 16,740.00	\$ 3,000.00	\$ 18,000.00	\$ 3,922.00	\$ 23,532.00	\$ 3,400.00	\$ 20,400.00
623.6003	Type C Pullbox	2	Each	\$ 3,255.00	\$ 6,510.00	\$ 3,500.00	\$ 7,000.00	\$ 8,558.00	\$ 17,116.00	\$ 4,100.00	\$ 8,200.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
623.7001	No. 14, 2-Conductor Loop Detector Lead-In Cable	2580	L.F.	\$ 1.00	\$ 2,580.00	\$ 2.00	\$ 5,160.00	\$ 7.00	\$ 18,060.00	\$ 7.00	\$ 18,060.00
623.7002	No. 14, 26-Conductor Traffic Control Cable	1000	L.F.	\$ 10.00	\$ 10,000.00	\$ 5.00	\$ 5,000.00	\$ 20.00	\$ 20,000.00	\$ 14.00	\$ 14,000.00
623.7003	No. 6, 3-Conductor Power Cable	70	L.F.	\$ 6.00	\$ 420.00	\$ 3.00	\$ 210.00	\$ 27.00	\$ 1,890.00	\$ 10.00	\$ 700.00
623.7004	No. 14, 4-Conductor Signal Drop Cable	460	L.F.	\$ 1.00	\$ 460.00	\$ 2.00	\$ 920.00	\$ 7.00	\$ 3,220.00	\$ 10.00	\$ 4,600.00
623.7005	No. 19, 24-Conductor Inter-Connect Cable	1000	L.F.	\$ 7.00	\$ 7,000.00	\$ 2.00	\$ 2,000.00	\$ 20.00	\$ 20,000.00	\$ 14.00	\$ 14,000.00
623.7006	EVP Cable	350	L.F.	\$ 2.00	\$ 700.00	\$ 2.00	\$ 700.00	\$ 13.50	\$ 4,725.00	\$ 7.00	\$ 2,450.00
623.7041	Loop Detector Sensing Unit (6 FT x 6 FT) One Loop	4	Each	\$ 1,400.00	\$ 5,600.00	\$ 1,500.00	\$ 6,000.00	\$ 2,077.00	\$ 8,308.00	\$ 1,500.00	\$ 6,000.00
623.7042	Loop Detector Sensing Unit (6 FT x 6 FT) Two Loops	3	Each	\$ 2,800.00	\$ 8,400.00	\$ 3,000.00	\$ 9,000.00	\$ 4,157.00	\$ 12,471.00	\$ 3,000.00	\$ 9,000.00
623.7044	Loop Detector Sensing Unit (6 FT x 6 FT) Six Loops	1	Each	\$ 8,400.00	\$ 8,400.00	\$ 9,000.00	\$ 9,000.00	\$ 12,471.00	\$ 12,471.00	\$ 9,000.00	\$ 9,000.00
623.8000	Hawaiian Electric Company Service Connections Fees	F.A.	F.A.	F.A.	\$ 9,000.00	F.A.	\$ 9,000.00	F.A.	\$ 9,000.00	F.A.	\$ 9,000.00
629.1004	4-Inch Profiled Pavement Striping (Thermoplastic Extrusion), White	400	L.F.	\$ 15.00	\$ 6,000.00	\$ 3.00	\$ 1,200.00	\$ 5.00	\$ 2,000.00	\$ 10.00	\$ 4,000.00
629.1006	6-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), White	1120	L.F.	\$ 12.00	\$ 13,440.00	\$ 5.00	\$ 5,600.00	\$ 5.00	\$ 5,600.00	\$ 5.00	\$ 5,600.00
629.1011	6-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), White	130	L.F.	\$ 12.00	\$ 1,560.00	\$ 4.00	\$ 520.00	\$ 7.00	\$ 910.00	\$ 5.00	\$ 650.00
629.1013	4-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), Double Yellow	460	L.F.	\$ 15.00	\$ 6,900.00	\$ 9.00	\$ 4,140.00	\$ 6.00	\$ 2,760.00	\$ 5.00	\$ 2,300.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
629.1014	8-Inch Pavement Striping (Tape, Type I or Thermoplastic Extrusion), White	180	L.F.	\$ 15.00	\$ 2,700.00	\$ 4.00	\$ 720.00	\$ 7.00	\$ 1,260.00	\$ 5.00	\$ 900.00
629.1015	12-Inch Pavement Striping (Tape, Type III or Thermoplastic Extrusion), White or Yellow	100	L.F.	\$ 25.00	\$ 2,500.00	\$ 6.00	\$ 600.00	\$ 11.00	\$ 1,100.00	\$ 7.00	\$ 700.00
629.1023	Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)	6	Each	\$ 400.00	\$ 2,400.00	\$ 350.00	\$ 2,100.00	\$ 490.00	\$ 2,940.00	\$ 100.00	\$ 600.00
629.1024	Pavement Word (Tape, Type III or Thermoplastic Extrusion)	3	Each	\$ 800.00	\$ 2,400.00	\$ 1,100.00	\$ 3,300.00	\$ 1,450.00	\$ 4,350.00	\$ 200.00	\$ 600.00
629.1041	6-Inch Pavement Striping with Black Border (Thermoplastic Extrusion), White	155	L.F.	\$ 60.00	\$ 9,300.00	\$ 20.00	\$ 3,100.00	\$ 22.00	\$ 3,410.00	\$ 8.00	\$ 1,240.00
629.1042	8-Inch Pavement Striping with Black Border (Preformed Thermoplastic), White	140	L.F.	\$ 60.00	\$ 8,400.00	\$ 17.00	\$ 2,380.00	\$ 22.00	\$ 3,080.00	\$ 12.00	\$ 1,680.00
629.1043	12-Inch Pavement Striping with Black Border (Preformed Thermoplastic), White	40	L.F.	\$ 200.00	\$ 8,000.00	\$ 21.00	\$ 840.00	\$ 33.50	\$ 1,340.00	\$ 15.00	\$ 600.00
629.1044	Pavement Arrow with Black Border (Preformed Thermoplastic) White	6	Each	\$ 1,100.00	\$ 6,600.00	\$ 900.00	\$ 5,400.00	\$ 1,200.00	\$ 7,200.00	\$ 300.00	\$ 1,800.00
629.2030	Type C Raised Pavement Marker	30	Each	\$ 25.00	\$ 750.00	\$ 8.00	\$ 240.00	\$ 11.00	\$ 330.00	\$ 10.00	\$ 300.00
629.2040	Type D Raised Pavement Marker	21	Each	\$ 25.00	\$ 525.00	\$ 10.00	\$ 210.00	\$ 11.00	\$ 231.00	\$ 10.00	\$ 210.00
631.0100	Regulatory Sign (10 Square Feet or Less)	4	Each	\$ 820.00	\$ 3,280.00	\$ 700.00	\$ 2,800.00	\$ 1,600.00	\$ 6,400.00	\$ 750.00	\$ 3,000.00
631.0200	Warning Sign (10 Square Feet or Less)	1	Each	\$ 1,300.00	\$ 1,300.00	\$ 1,100.00	\$ 1,100.00	\$ 800.00	\$ 800.00	\$ 750.00	\$ 750.00

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
631.0300	Warning Sign (More than 10 Square Feet)	1	Each	\$ 7,900.00	\$ 7,900.00	\$ 6,500.00	\$ 6,500.00	\$ 3,900.00	\$ 3,900.00	\$ 3,000.00	\$ 3,000.00
632.0100	Reflector Marker-2 mounted on Flexstake HD	19	Each	\$ 200.00	\$ 3,800.00	\$ 160.00	\$ 3,040.00	\$ 300.00	\$ 5,700.00	\$ 300.00	\$ 5,700.00
632.0200	Type II Object Marker	3	Each	\$ 100.00	\$ 300.00	\$ 100.00	\$ 300.00	\$ 185.00	\$ 555.00	\$ 300.00	\$ 900.00
641.0100	Hydro-Mulch Seeding (145 S.Y.)	L.S.	L.S.	L.S.	\$ 5,000.00	L.S.	\$ 12,000.00	L.S.	\$ 12,000.00	L.S.	\$ 4,000.00
644.0100	Repair of Existing Sprinkler Systems	F.A.	F.A.	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00	F.A.	\$ 5,000.00
645.1000	Traffic Control	L.S.	L.S.	L.S.	\$ 115,000.00	L.S.	\$ 91,000.00	L.S.	\$ 78,354.00	L.S.	\$ 90,000.00
645.2000	Additional Police Officers, Additional Traffic Control Devices, and Advertisement	F.A.	F.A.	F.A.	\$ 30,000.00	F.A.	\$ 30,000.00	F.A.	\$ 30,000.00	F.A.	\$ 30,000.00
648.0100	Field Posted Drawings	L.S.	L.S.	L.S.	\$ 1,000.00	L.S.	\$ 2,000.00	L.S.	\$ 15,447.00	L.S.	\$ 1,000.00
650.0200	Detectable Warning Mat	2	Each	\$ 1,000.00	\$ 2,000.00	\$ 815.00	\$ 1,630.00	\$ 750.00	\$ 1,500.00	\$ 200.00	\$ 400.00
680.3000	Provide New Meter Pedestals, Complete	1	Each	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$ 9,000.00	\$ 15,000.00	\$ 15,000.00	\$ 5,000.00	\$ 5,000.00
680.6000	Provide Conduit, Conductors, Trench Excavation, Trench Backfill, and Concrete Encasement, Complete	20	L.F.	\$ 250.00	\$ 5,000.00	\$ 20.00	\$ 400.00	\$ 750.00	\$ 15,000.00	\$ 160.00	\$ 3,200.00
699.1000	Mobilization (Not to Exceed 6% of the Sum of All Items Excluding the Bid Price of this Item)	L.S.	L.S.	L.S.	\$ 68,000.00	L.S.	\$ 70,000.00	L.S.	\$ 87,630.54 *	L.S.	\$ 49,180.00
Sum of All Bid Additive Alternate #3 Items					\$1,192,025.00	\$1,257,000.00		\$1,548,139.54 *		\$868,855.00	
* Corrected Amount											

* Corrected Amount

TABULATION OF BIDS											
PROJECT:	Traffic Signal Modernization, Oahu - Phase 1			Jack Endo Electric, Inc.		Paul's Electrical Contracting, LLC		MIRA Image Construction LLC		STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROJECT NO.:	STP-0300(163)R										
NET LENGTH:	1.00 Miles										
ISLAND:	Oahu										
DISTRICT:	Waianae, Ewa, and Honolulu										
TYPE CODE:	24										
Date Advertised:	Internet Posting, November 23, 2020										
Bid Opened:	December 23, 2020										
Completion Time:	248 Working Days (Base Bid)										
	385 Working Days (Base Bid + Additive Alternates #1, #2, and #3)										
ITEM NO.	ITEM	APPROX. QUANTITY	UNIT USED	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
	Total Base Bid				\$ 2,799,673.00		\$ 2,769,770.00		\$ 3,529,733.22 *		\$ 1,810,070.00
	Additive Alternate #1 Bid				\$ 1,818,365.00 *		\$ 1,984,000.00		\$ 2,117,541.86 *		\$ 1,335,795.00
	Additive Alternate #2 Bid				\$ 2,449,475.00		\$ 2,327,000.00		\$ 2,900,412.28 *		\$ 1,787,490.00
	Additive Alternate #3 Bid				\$ 1,192,025.00		\$ 1,257,000.00		\$ 1,548,139.54 *		\$ 868,855.00
	Total Amount for Comparison of Bids										
	(Sum of Total Base Bid and Additive Alternates #1, #2, and #3)				<u>\$ 8,259,538.00</u>		<u>\$ 8,337,770.00</u>		<u>\$ 10,095,826.90 *</u>		<u>\$ 5,802,210.00</u>
* Corrected Amount											
I certify that this is a true and correct tabulation of bids for this project.											
				Jan 28, 2021							
Steven Yoshida, Project Manager				Date							