STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 6
for
FARRINGTON HIGHWAY WIDENING
KAPOLEI GOLF COURSE ROAD TO FORT WEAVER ROAD
PROJECT NO. 7101A-01-20

The following amendments shall be made to the Bid Documents:

A. SPECIAL PROVISIONS

1. Replace Special Provision Section 622 – Roadway and Sign Lighting System dated r06/08/22 with attached Special Provision Section 622 – Roadway and Sign Lighting System dated r08/04/22.

2. Replace Special Provision Section 623 – Traffic Signal System dated r06/08/22 with attached Special Provision Section 623 – Traffic Signal System dated r08/04/22.

B. NOTICE TO BIDDERS

1. Prospective bidders are hereby notified that receiving of bids will be rescheduled for 2:00 P.M., August 17, 2022. The attached NOTICE TO BIDDERS shall be incorporated and made a part of the NOTICE TO BIDDERS.

C. PROPOSAL

1. Replace Proposal pages P-11 to P-45 dated r07/22/2022 with Proposal Pages P-11 to P-45 dated r08/04/2022.

Please acknowledge receipt of this Addendum No. 6 by recording the date of its receipt in the space provided on page P-4 of the Proposal.

Jade T. Butay
Director of Transportation

SECTION 622 – ROADWAY AND SIGN LIGHTING SYSTEM

Make the following amendments to said Section:

(I) Amend Subsection 622.04 Measurement from lines 402 to 403 to read as follows:

" (A) The Engineer will measure the luminaire assembly, luminaire bracket arms, luminaire poles, luminaire bases, luminaire appurtenances, metering cabinet assembly and appurtenances, pullboxes per each in accordance with the contract documents.

(B) The Engineer will measure streetlight conductors, casing, trench excavation, removal of ductbank and cables per linear foot in accordance with the contract documents.

(C) Hawaiian Electric Company service connection fees for street light service and removal of existing streetlights will be paid on a force account basis according to Subsection 109.06 – Force Account Provisions and Compensation. An estimate amount for the force account is allocated in the proposal schedule under HECo Service Charge for Street Light Service. The actual amount to be paid will be the sum shown on the accepted force account records whether this sum be more or less than the estimated amount allocated in the proposal schedule.

(II) Amend **Subsection 622.05 Payment** from lines 412 to 414 to read as follows:

"**Pay Item**	**Pay Unit**
State Street Light Standard, 98W LED, Luminaire, 8' Bracket Arm, Standard Pole, Base and Appurtenances	Each
State Street Light Standard, 98W LED Luminaire, 8' bracket arm, 18' Pole, Base and Appurtenances	Each
State Street Light Standard, 98W LED Luminaire, 8' bracket arm, 17' Pole, Base and Appurtenances	Each
State Street Light Standard, 120W LED, Luminaire, 8' Bracket Arm, Standard Pole, Base and Appurtenances	Each
State Street Light Standard, 120W LED Luminaire, 8' bracket arm, 18' Pole, Base and Appurtenances	Each
State Street Light, 98W LED Luminaire, 8' bracket arm, 25' Pole, Base and Appurtenances	Each

State Street Light Standard, 120W LED Luminaire, 8’ bracket arm, Mounted on HECO Wood Pole	Each
Street Light Metering Cabinet, pad, panelboard, meter socket and, appurtenances	Each
GE Light Grid Node	Each
Type “B” Highway Lighting Pullboxes	Each
Streetlight Conductors #2 RHW	L.F.
Streetlight 2”C Pvc Sch 40	L.F.
Street Light Trench Excavation	L.F.
Street Light Concrete	C.Y.
Remove Type “B” Streetlight Pull box	Each
Remove Pole Mounted Streetlight, Bracket Arm, Luminaire, and Appurtenances	Lump Sum
Remove Standalone Streetlight Base, 30’ Pole, Bracket Arm, Luminaire, and Appurtenances	Lump Sum
Remove Streetlight Ductbank	L.F.
Remove Streetlight Cables	L.F.
HECo. Service Charge for Street Light Service	Force Account

END OF SECTION 622

SECTION 623 – TRAFFIC SIGNAL SYSTEM

Make the following amendment to said Section:

(I) Amend **Section 623.04 - Measurement** by replacing lines 578 to 579 to read:

"**623.04 Measurement.** The Engineer will not measure software for controller, interconnect, or electrical risers for payment.

(A) The Engineer will measure the controller assembly, foundation for traffic signal controller, traffic signal standard, foundation for traffic signal standard, pedestrian or traffic signal assembly, pedestrian pushbutton, pullbox, loop detector sensing unit, emergency vehicle preemption optical receiver, service and metering equipment assembly, and advance warning beacon assembly per each in accordance with the contract documents.

(B) The Engineer will measure camera cable, traffic signal interconnect subduct, traffic signal ductline, secondary electrical ductline and conductors per linear foot in accordance with the contract documents.

(C) Hawaiian Electric Company service connection fees for traffic signal service will be paid on a force account basis according to Subsection 109.06 – Force Account Provisions and Compensation. An estimate amount for the force account is allocated in the proposal schedule under HECo Service Charge for Traffic Signal Service. The actual amount to be paid will be the sum shown on the accepted force account records whether this sum be more or less than the estimated amount allocated in the proposal schedule.

(II) Amend **Section 623.05 – Payment** by replacing lines 581 to 594 to read:

"**623.05 Payment.** The Engineer will pay for the controller assembly at the contract unit price per each complete in place. The price includes full compensation for submitting the equipment list and drawing; furnishing and mounting the controller cabinet; furnishing, assembling, wiring, software, and housing the controller and auxiliary equipment; painting the controller cabinet; testing; providing turn-on service; submitting warranty; and furnishing equipment, tools, labor, materials and other incidentals necessary to complete the work. Conduits and cables up to 10' away from the controller assembly are considered incidental to the installation of the controller assembly.

The Engineer will pay for the traffic signal standard at the contract unit price per each complete in place. The price includes full compensation for submitting the equipment list and drawing; furnishing and installing the traffic

signal standard; wiring; bonding and grounding; testing; providing turn-on service; submitting warranty; and furnishing equipment, tools, labor, materials; and other incidentals necessary to complete the work. Conduits and cables up to 10’ away from the traffic signal standards are considered incidental to the installation of the traffic signal standard.

The Engineer will pay for the traffic signal assembly installed on street light standards at the contract unit price per each complete in place. The price includes full compensation for submitting the equipment list and drawing; furnishing and installing the traffic signal standard; wiring; bonding and grounding; testing; providing turn-on service; submitting warranty; and furnishing equipment, tools, labor, materials; and other incidentals necessary to complete the work. Conduits and cables up to 10’ away from the street light standards are considered incidental to the installation of the traffic signal assembly.

The Engineer will pay for the foundation for controller cabinet and traffic signal standard at the contract unit price per each complete in place. The price includes full compensation for excavating and backfilling; forming; furnishing and placing the reinforcing steel; mixing, placing, and curing the concrete; furnishing and setting the anchor bolts; restoring the pavement; construction of a raised concrete pedestal; and furnishing equipment, tools, materials and other incidentals necessary to complete the work. Conduits and cables up to 10’ away from the traffic signal standards are considered incidental to the installation of the traffic signal standard.

The Engineer will pay for the pedestrian and traffic signal assembly at the contract unit price per each complete in place. The price includes full compensation for submitting the equipment list and drawing; assembling the signal heads; wiring; bonding and grounding; painting the signal head mounting; testing; providing turn-on service; submitting warranty; and furnishing equipment, tools, labor, materials and other incidentals necessary to complete the work.

The Engineer will pay for the pedestrian pushbutton with instruction sign at the contract unit price per each complete in place. The price includes full compensation for submitting the equipment list and drawing; furnishing and installing the pedestrian pushbutton with the instruction sign; wiring; bonding and grounding; testing; providing turn-on service; submitting warranty; and furnishing equipment, tools, labor, materials; and other incidentals necessary to complete the work.

The Engineer will pay for the pullbox at the contract unit price per each complete in place. The price includes full compensation for submitting the equipment list and drawing; furnishing and installing the pullbox at the designated locations; saw cutting; excavating and backfilling; restoration of concrete sidewalks, asphalt concrete pavement and landscaping; coating the frames and covers; and furnishing equipment, tools, labor, materials and other incidentals necessary to complete the work.

The Engineer will pay for the loop detector sensing unit at the contract unit price per each complete in place. The price includes full compensation for saw cutting; cleaning and blowing the saw cut areas; furnishing and inserting the loop cable; splicing in the pullbox; filling the saw cut groove with epoxy sealer or hot applied rubberized sealant; and furnishing equipment, tools, labor, materials and other incidentals necessary to complete the work.

The Engineer will not pay for the interconnect or electrical risers. The work includes furnishing and installing the riser; and furnishing equipment, tools, labor, materials, and other incidentals necessary to complete the work. The Engineer will consider the cost for risers as included in the contract price for the various contract items.

The Engineer will pay for the emergency vehicle preemption (EVP) optical receiver at the contract unit price per each complete in place. The price includes full compensation for submitting the equipment list and drawing; furnishing and installing the EVP; wiring; bonding and grounding; testing; providing turn-on service; submitting warranty; and furnishing equipment, tools, labor, materials; and other incidentals necessary to complete the work.

The Engineer will pay for the camera cable at the contract unit price per linear foot complete in place. The price includes full compensation for furnishing and installing the preemption detector cable from the detector to the cabinet; and furnishing equipment, tools, labor, materials and other incidentals necessary to complete the work.

The Engineer will pay for the traffic signal ductlines at the contract unit price per linear foot complete in place. The price includes full compensation for saw cutting; trenching; excavating and backfilling, including asphalt concrete pavement, aggregate base course and aggregate subbase course for trench repair; concrete curb and/or gutter, concrete sidewalk repair and striping restoration; furnishing, installing, bonding, and grounding the conduits and interconnect subducts; and furnishing equipment, tools, labor, materials and other incidentals necessary to complete the work.

The Engineer will pay for the traffic signal interconnect subduct at the contract unit price per linear foot complete in place. The price includes full compensation for furnishing and installing; and furnishing equipment, tools, labor, materials and other incidentals necessary to complete the work.

The Engineer will pay for the traffic signal cables at the contract unit price per linear foot complete in place. The price includes full compensation for furnishing, installing, splicing, and taping the cable; furnishing and installing interconnect fabric subducts; making the connections; providing turn-on service; and furnishing equipment, tools, labor, materials and other incidentals necessary to complete the work.

The Engineer will pay for the service and metering equipment assembly at the contract unit price per each complete in place. The price includes full compensation for furnishing and installing the meter/main safety socket box, pullbox, support structure, ground rod, conduit, conductors; and furnishing equipment, tools, labor, materials and other incidentals necessary to complete the work.

The Engineer will pay for traffic signal pullboxes at the contract unit price per each complete in place. The price includes full compensation for furnishing and installing the pullbox, and furnishing equipment, tools, labor, materials and other incidentals necessary to complete the work.

The Engineer will pay for traffic signal pullbox tie-in at the contract unit price per each complete in place. The price includes full compensation for furnishing and installing the pullbox tie-in, and furnishing equipment, tools, labor, materials and other incidentals necessary to complete the work.

The Engineer will pay for the secondary electrical ductline at the contract price per linear foot complete in place. The price includes full compensation for saw cutting, excavating and backfilling; furnishing, installing, grounding, terminating conductors; and furnishing equipment, tools, labor, materials and other incidentals necessary to complete the work.

The Engineer will consider full compensation for additional materials and labor not shown in the contract that are necessary to complete the installation of the various systems incidental to the various contract items. The Engineer will not allow additional compensation.

The Engineer will pay for the traffic signal assembly at the contract unit price per each complete in place. The price includes full compensation for submitting the equipment list and drawing; furnishing and installing the signal assembly; wiring; bonding and grounding; testing; providing turn-on service; submitting warranty; and furnishing equipment, tools, labor, materials; and other incidentals necessary to complete the work. Wiring from the traffic signal mast arm or pole to the handhole are considered incidental to the traffic signal assembly.

The Engineer will pay for the Closed-Circuit Television Camera (CCTV) at the contract unit price per each complete in place. The price includes full compensation for submitting the equipment list and drawing; furnishing and installing the CCTV camera; wiring; bonding and grounding; testing; providing turn-on service; submitting warranty; and furnishing equipment, tools, labor, materials; and other incidentals necessary to complete the work.

The Engineer will pay for the penetration of existing pullbox at the contract unit price per each complete in place. The price includes full compensation for

furnishing and installing conduits and ends incidental to the penetration; wiring; bonding and grounding; testing; finishing; submitting warranty; and furnishing equipment, tools, labor, materials; and other incidentals necessary to complete the work.

The Engineer will pay for saw cutting, excavation, backfill and restoration of the traffic signal ductlines at the contract unit price complete in place. The prince includes full compensation for saw cutting; trenching; excavating and backfilling, including asphalt concrete pavement, aggregate base course and aggregate subbase course for trench repair; concrete rub and/or gutter and concrete sidewalk repair; and furnishing equipment, tools, labor, materials and other incidentals necessary to complete the work.

The Engineer will pay for the following pay items when included in the proposal schedule:

Pay Item	**Pay Unit**
Traffic Signal Cabinet and Foundation	Each
Type I (10') Traffic Signal Standard _____ with conduit & Cabling	Each
Type II Traffic Signal Standard _____ with conduit & Cabling	Each
Street Light Traffic Signal Standard	Each"
Traffic Signal Assembly _____ with Cabling	Each
Traffic Signal Assembly _____ Programmed Visibility	Each
Pedestrian Pushbutton with Instruction Sign with Cabling	Each
Pedestrian Signal Assembly with Cabling	Each
Type "A" Pullbox	Each
Type "B" Pullbox	Each
Type "C" Pullbox	Each
Pullbox Tie-in	Each
Loop Detector Sensing Unit (6 Ft. x 6 Ft.) with Cabling	Each
EVP Optical Receiver	Each
EVP Optical Receiver Cabling	Linear Foot

Traffic Signal Ductline _____	Linear Foot
Type 1 Cable – 26C#14	Linear Foot
Type 2 Cable – 2C#14	Linear Foot
Type 6 Cable – Electrical Service Cable	Linear Foot
Demolish Traffic Signal Conduits, Cables, and Equipment	Lump Sum
Service and Metering Equipment Assembly	Each
HECo. Service Charge for Traffic Signal Service	Force Account”

END OF SECTION 623

NOTICE TO BIDDERS

The receiving of sealed proposals for **FARRINGTON HIGHWAY WIDENING, KAPOLEI GOLF COURSE TO FORT WEAVER ROAD PROJECT NO. 7101A-01-20, DISTRICT OF EWA, ISLAND OF OAHU**, in HIePRO, is hereby rescheduled for 2:00 P.M., August 17, 2022.

JADE T. BUTAY
Director of Transportation

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
201.1000	Clearing and Grubbing	37	Acre	$_____	$_____
201.1100	Additional Grubbing	F.A.	F.A.	F.A.	$56,000.00
202.1000	Removal of Existing Bridges	L.S.	L.S.	L.S.	$_____
202.2000	Removal of Guardrails	1,965	L.F.	$_____	$_____
202.2100	Removal of Miscellaneous Walls and Fences	814	L.F.	$_____	$_____
202.3000	Removal of AC Pavement	50,594	S.Y.	$_____	$_____
202.3300	Removal of Concrete Curb and Gutter	3,292	L.F.	$_____	$_____
202.3500	Removal of Concrete Sidewalk	54	S.Y.	$_____	$_____
202.3600	Removal of Pavement Striping and Markers	L.S.	L.S.	L.S.	$_____
202.4000	Removal of 5-Inch, 24-Inch, 30-Inch, and 36-Inch Water Lines	2,920	L.F.	$_____	$_____
202.4200	Removal of gate valves, valve boxes, manholes, reaction blocks, thrust beams, fire hydrants, concrete jackets, and any other waterline appurtenances and incidentals	L.S.	L.S.	L.S.	$_____
202.4300	Removal of Drainage Culverts and Headwalls.	L.S.	L.S.	L.S.	$_____
202.4400	Removal of Excess Excavated Material, including Selected Material and Borrow Excavated Material.	63,914	C.Y.	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
203.0100	Roadway Excavation	83,127	C.Y.	$_____	$_____
203.0200	Imported Borrow	19,213	C.Y.	$_____	$_____
203.1000	Over Excavation, Moisture Conditioning and Recompaction	F.A.	F.A.	F.A.	$100,000.00
204.1000	Trench Excavation for Water Lines	7,887	C.Y.	$_____	$_____
204.1100	Trench Backfill for Water Lines	2,482	C.Y.	$_____	$_____
204.2000	Trench Excavation for Sewer Lines	536	C.Y.	$_____	$_____
204.2100	Trench Backfill for Sewer Lines	529	C.Y.	$_____	$_____
205.1000	Structure Excavation for Kaloi Abutments and Wingwalls	880	C.Y.	$_____	$_____
205.1100	Structure Excavation for Honouliuli Abutments and Wingwalls	1,500	C.Y.	$_____	$_____
205.1200	Structure Excavation for Honouliuli Retaining Walls	371	C.Y.	$_____	$_____
205.2000	Structure Excavation for Palehua Box Culvert, Inlet and Outlet Structure	1,160	C.Y.	$_____	$_____
205.2100	Structure Excavation for Hunehune Box Culvert, Inlet and Outlet Structure	1,470	C.Y.	$_____	$_____
205.2200	Structure Excavation for 42-Inch Inlet/Outlet Structure	150	C.Y.	$_____	$_____
205.3000	Structure Excavation for Retaining Wall at Kahi Mohala	620	C.Y.	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
205.4000	Structure Backfill for Kaloi Abutments and Wingwalls	500	C.Y.	$_____	$_____
205.4100	CLSM Backfill for Honouliuli Abutments and Wingwalls	1,176	C.Y.	$_____	$_____
205.4200	Structure Backfill for Honouliuli Abutments and Wingwalls	62	C.Y.	$_____	$_____
205.4300	Structure Backfill for Honouliuli Retaining Walls	486	C.Y.	$_____	$_____
205.5000	Structure Backfill for Palehua Box Culvert	520	C.Y.	$_____	$_____
205.5100	Structure Backfill for Hunehune Box Culvert	1,300	C.Y.	$_____	$_____
205.5200	Structure Backfill for 42-Inch Inlet/Outlet Structure	48	C.Y.	$_____	$_____
205.6000	Structure Backfill for Retaining Wall at Kahi Mohala	700	C.Y.	$_____	$_____
205.7000	Filter Material	290	C.Y.	$_____	$_____
206.1000	Excavation for Drain Lines and Drain Culvert	19,368	C.Y.	$_____	$_____
207.1000	Channel Excavation (Kaloi and Honouliuli)	9,443	C.Y.	$_____	$_____
207.2000	Basin Excavation	31,957	C.Y.	$_____	$_____
209.0100	Installation, Maintenance, Monitoring, and Removal of BMP	L.S.	L.S.	L.S.	$_____
209.0200	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	$250,000.00

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
301.1000	Hot Mix Asphalt Base Course	44,385	TON	$_____	$_____
304.1000	Aggregate Base	202	C.Y.	$_____	$_____
305.1000	Aggregate Subbase	46,058	C.Y.	$_____	$_____
316.1000	Polypropylene Biaxial Geogrid	128,773	S.Y.	$_____	$_____
401.1000	2-Inch PMA Pavement, Mix No. IV	10,905	TON	$_____	$_____
401.1100	3-Inch HMA Pavement Speed Table, Mix No. IV	139	TON	$_____	$_____
401.1200	3-Inch PMA Pavement, Mix No. IV	71	TON	$_____	$_____
401.1300	2.5-Inch PMA Pavement, Mix No. IV	84	TON	$_____	$_____
411.1000	11-Inch Concrete Pavement	90	C.Y.	$_____	$_____
503.1000	Concrete for Kaloi Drilled Shaft Cap Beams	L.S.	L.S.	L.S.	$_____
503.1010	Concrete for Kaloi Wing Wall	L.S.	L.S.	L.S.	$_____
503.1020	Concrete for Kaloi Bridge Deck, End Beams, Diaphragms, and Corbels	L.S.	L.S.	L.S.	$_____
503.1030	Concrete for Kaloi Approach Slab with Sleeper Slab	L.S.	L.S.	L.S.	$_____
503.1040	Concrete for Kaloi Sidewalks	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
503.1100	Concrete for Honouliuli Drilled Shaft Cap Beams	L.S.	L.S.	L.S.	$_____
503.1120	Concrete for Honouliuli Wing Walls and Keywalls	L.S.	L.S.	L.S.	$_____
503.1130	Concrete for Honouliuli Bridge Deck, End Beams, Diaphragms, and Corbels	L.S.	L.S.	L.S.	$_____
503.1140	Concrete for Honouliuli Approach Slabs and Sleeper Slabs	L.S.	L.S.	L.S.	$_____
503.1150	Concrete for Honouliuli Sidewalks	L.S.	L.S.	L.S.	$_____
503.1160	Concrete for Honouliuli Retaining Walls	L.S.	L.S.	L.S.	$_____
503.2000	Concrete for Palehua Box Culvert	L.S.	L.S.	L.S.	$_____
503.2010	Concrete for Palehua Box Culvert Inlet and Outlet Structures	L.S.	L.S.	L.S.	$_____
503.2100	Concrete for Hunehune Box Culvert	L.S.	L.S.	L.S.	$_____
503.2110	Concrete for Hunehune Box Culvert Inlet and Outlet Structures	L.S.	L.S.	L.S.	$_____
503.2200	Concrete for 42-Inch Inlet/Outlet Structures	L.S.	L.S.	L.S.	$_____
503.3000	Concrete for Retaining Walls at Kahi Mohala	L.S.	L.S.	L.S.	$_____
503.4000	Blanket Grinding and Mechanical Grooving for Kaloi	L.S.	L.S.	L.S.	$_____
503.5000	Blanket Grinding and Mechanical Grooving for Honouliuli	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
503.7000	Concrete for Reinforced Concrete Jackets	L.S.	L.S.	L.S.	$_____
503.7100	Concrete for Reinforced Concrete Reaction Blocks	L.S.	L.S.	L.S.	$_____
503.8000	Concrete Head Wall, 3.00 feet to 3.99 feet	L.S.	L.S.	L.S.	$_____
503.8010	Concrete Head Wall, 4.00 feet to 4.99 feet	L.S.	L.S.	L.S.	$_____
503.8020	Concrete Head Wall, 5.00 feet to 5.99 feet	L.S.	L.S.	L.S.	$_____
503.8030	Concrete Head Wall, 10.00 feet to 10.99 feet	L.S.	L.S.	L.S.	$_____
504.1000	Prestressed Concrete Girders for Kaloi	10	EACH	$_____	$_____
504.1100	Prestressed Concrete Girders for Honouliuli	10	EACH	$_____	$_____
507.1000	Bridge Concrete Railing for Kaloi	250	L.F.	$_____	$_____
507.1010	Concrete End Post Railing for Kaloi	4	EACH	$_____	$_____
507.1100	Bridge Concrete Railing for Honouliuli	355	L.F.	$_____	$_____
507.1110	Concrete End Post Railing for Honouliuli	4	EACH	$_____	$_____
511.0100	Furnishing Drilled Shaft Drilling Equipment	L.S.	L.S.	L.S.	$_____
511.0200	Obstructions	40	HOURS	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
511.0300	Load Test at Kaloi (48-inch Diameter)	1	EACH	$_____	$_____
511.0310	Load Test at Honouliuli (48-inch Diameter)	1	EACH	$_____	$_____
511.0400	Drilled Shaft at Kaloi (48-Inch Diameter)	624	L.F.	$_____	$_____
511.0410	Drilled Shaft at Honouliuli (48-Inch Diameter)	507	L.F.	$_____	$_____
511.0500	Unclassified Shaft Excavation at Kaloi (48-Inch Diameter)	624	L.F.	$_____	$_____
511.0510	Unclassified Shaft Excavation at Honouliuli (48-Inch Diameter)	507	L.F.	$_____	$_____
511.0600	Trial Shaft at Kaloi (48-inch Diameter)	90	L.F.	$_____	$_____
511.0610	Trial Shaft at Honouliuli (48-inch Diameter)	90	L.F.	$_____	$_____
511.0700	Coring for Integrity Testing for Acceptable Drilled Shafts	275	L.F.	$_____	$_____
540.1000	VESLMC for Kaloi Closure Pour	L.S.	L.S.	L.S.	$_____
602.1000	Reinforcing Steel for Kaloi Drilled Shaft Cap Beams	L.S.	L.S.	L.S.	$_____
602.1010	Reinforcing Steel for Kaloi Wing Wall	L.S.	L.S.	L.S.	$_____
602.1020	Reinforcing Steel for Kaloi Bridge Deck, End Beams, Diaphragms, and Corbels	L.S.	L.S.	L.S.	$_____
602.1030	Reinforcing Steel for Kaloi Approach Slabs with Sleeper Slabs	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
602.1040	Reinforcing Steel for Kaloi Sidewalks	L.S.	L.S.	L.S.	$_____
602.1100	Reinforcing Steel for Honouliuli Drilled Shaft Cap Beam	L.S.	L.S.	L.S.	$_____
602.1120	Reinforcing Steel for Honouliuli Wing Walls and Keywalls	L.S.	L.S.	L.S.	$_____
602.1130	Reinforcing Steel for Honouliuli Bridge Deck, End Beams, Diaphragms, and Corbels	L.S.	L.S.	L.S.	$_____
602.1140	Reinforcing Steel for Honouliuli Approach Slabs and Sleeper Slab	L.S.	L.S.	L.S.	$_____
602.1150	Reinforcing Steel for Honouliuli Sidewalk	L.S.	L.S.	L.S.	$_____
602.1160	Reinforcing Steel for Honouliuli Retaining Walls	L.S.	L.S.	L.S.	$_____
602.2000	Reinforcing Steel for Palehua Box Culvert	L.S.	L.S.	L.S.	$_____
602.2010	Reinforcing for Palehua Box Culvert Inlet and Outlet Structures	L.S.	L.S.	L.S.	$_____
602.2100	Reinforcing Steel for Hunehune Box Culvert	L.S.	L.S.	L.S.	$_____
602.2110	Reinforcing Steel for Hunehune Box Culvert Inlet and Outlet Structures	L.S.	L.S.	L.S.	$_____
602.2200	Reinforcing Steel for 42-Inch Inlet/Outlet Structures	L.S.	L.S.	L.S.	$_____
602.3000	Reinforcing Steel for Retaining Wall at Kahi Mohala	L.S.	L.S.	L.S.	$_____
602.3200	Reinforcing Steel for Reinforced Concrete Jackets and Reaction Blocks	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
603.1000	Bed Course Material for Culvert	3,554	C.Y.	$_____	$_____
603.2000	24-Inch Reinforced Concrete Pipe, Class III	11,846	L.F.	$_____	$_____
603.2001	30-Inch Reinforced Concrete Pipe, Class III	1,935	L.F.	$_____	$_____
603.2002	36-Inch Reinforced Concrete Pipe, Class III	34	L.F.	$_____	$_____
603.2003	42-Inch Reinforced Concrete Pipe, Class III	73	L.F.	$_____	$_____
603.2004	48-Inch Reinforced Concrete Pipe, Class III	269	L.F.	$_____	$_____
603.3000	Clean Existing Culvert	F.A.	F.A.	F.A.	$10,000.00
604.1000	Type C Manholes, 14.99 Feet to 14 Feet	1	EACH	$_____	$_____
604.1001	Type C Manholes, 13.99 Feet to 13 Feet	1	EACH	$_____	$_____
604.1002	Type C Manholes, 11.99 Feet to 11 Feet	4	EACH	$_____	$_____
604.1003	Type C Manholes, 10.99 Feet to 10 Feet	1	EACH	$_____	$_____
604.1004	Type C Manholes, 8.99 Feet to 8 Feet	2	EACH	$_____	$_____
604.1005	Type C Manholes, 7.99 Feet to 7 Feet	1	EACH	$_____	$_____
604.1006	Type C Manholes, 6.99 Feet to 6 Feet	2	EACH	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
604.2000	Type Special Manholes, 9.99 Feet to 9 Feet	1	EACH	$_____	$_____
604.3000	Type 2A-9P Inlet, 14.99 Feet to 14 Feet	1	EACH	$_____	$_____
604.3001	Type 2A-9P Inlet, 13.99 Feet to 13 Feet	1	EACH	$_____	$_____
604.3002	Type 2A-9P Inlet, 12.99 Feet to 12 Feet	2	EACH	$_____	$_____
604.3003	Type 2A-9P Inlet, 11.99 Feet to 11 Feet	2	EACH	$_____	$_____
604.3004	Type 2A-9P Inlet, 10.99 Feet to 10 Feet	5	EACH	$_____	$_____
604.3005	Type 2A-9P Inlet, 9.99 Feet to 9 Feet	2	EACH	$_____	$_____
604.3006	Type 2A-9P Inlet, 8.99 Feet to 8 Feet	11	EACH	$_____	$_____
604.3007	Type 2A-9P Inlet, 7.99 Feet to 7 Feet	14	EACH	$_____	$_____
604.3008	Type 2A-9P Inlet, 6.99 Feet to 6 Feet	25	EACH	$_____	$_____
604.3009	Type 2A-9P Inlet, 5.99 Feet to 5 Feet	3	EACH	$_____	$_____
604.4000	Type Special 2A-9P Inlet, 17.99 Feet to 17 Feet	1	EACH	$_____	$_____
604.4001	Type Special 2A-9P Inlet, 15.99 Feet to 15 Feet	2	EACH	$_____	$_____
604.4002	Type Special 2A-9P Inlet, 13.99 Feet to 13 Feet	1	EACH	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
604.4003	Type Special 2A-9P Inlet, 12.99 Feet to 12 Feet	1	EACH	$_____	$_____
604.4004	Type Special 2A-9P Inlet, 11.99 Feet to 11 Feet	2	EACH	$_____	$_____
604.4005	Type Special 2A-9P Inlet, 10.99 Feet to 10 Feet	1	EACH	$_____	$_____
604.4006	Type Special 2A-9P Inlet, 9.99 Feet to 9 Feet	5	EACH	$_____	$_____
604.4007	Type Special 2A-9P Inlet, 7.99 Feet to 7 Feet	3	EACH	$_____	$_____
604.4008	Type Special 2A-9P Inlet, 6.99 Feet to 6 Feet	7	EACH	$_____	$_____
607.1000	6-Feet Chain Link Fence	5,737	L.F.	$_____	$_____
607.2000	Chain Link Gate, 6 Feet High and 12 Feet Wide	10	EACH	$_____	$_____
610.1000	4-Inch Reinforced Concrete Driveway	L.S.	L.S.	L.S.	$_____
612.1000	Grouted Rubble Paving	L.S.	L.S.	L.S.	$_____
614.1000	New Street Survey Monuments	12	EACH	$_____	$_____
616.1000	Temporary Irrigation System	L.S.	L.S.	L.S.	$_____
619.1000	Planting	L.S.	L.S.	L.S.	$_____
621.1000	Counting Stations	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
622.1000	State Street Light Standard, 98W LED Luminaire, 8' Bracket Arm, Standard Pole, Base and Appurtenances	111	EACH	$_____	$_____
622.1010	State Street Light Standard, 98W LED Luminaire, 8' Bracket Arm, 18' Pole, Base and Appurtenances	2	EACH	$_____	$_____
622.1020	State Street Light Standard, 98W LED Luminaire, 8' Bracket Arm, 17' Pole, Base and Appurtenances	1	EACH	$_____	$_____
622.1030	State Street Light Standard, 120W LED Luminaire, 8' Bracket Arm, Standard Pole, Base and Appurtenances	15	EACH	$_____	$_____
622.1040	State Street Light Standard, 120W LED Luminaire, 8' Bracket Arm, 18' Pole, Base and Appurtenances	1	EACH	$_____	$_____
622.1050	State Street Light Standard, 120W LED Luminaire, 8' Bracket Arm, 25' Pole, Base and Appurtenances	105	EACH	$_____	$_____
622.1060	State Street Light, 98W LED Luminaire, 8' Bracket Arm, Mounted on HECO Wood Pole	8	EACH	$_____	$_____
622.1070	Street Light Metering Cabinet, pad, panelboard, meter socket and appurtenances	2	EACH	$_____	$_____
622.1080	GE Light Grid Node	243	EACH	$_____	$_____
622.1090	Type "B" Streetlight Pullboxes	225	EACH	$_____	$_____
622.1100	Streetlight Conductors, #2 RHW	95,260	L.F.	$_____	$_____
622.1110	Streetlight 2"C Pvc Sch 40	35,390	L.F.	$_____	$_____
622.1120	Street Light Trench Excavation	35,390	L.F.	$_____	$_____
622.1130	Street Light Concrete	136	C.Y.	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
622.2000	Remove Type "B" Streetlight Pull box	12	EACH	$_____	$_____
622.2010	Remove Pole Mounted Streetlight, Bracket Arm, Luminaire, and Appurtenances	15	EACH	$_____	$_____
622.2020	Remove Standalone Streetlight Base, 30' Pole, Bracket Arm, Luminaire, and Appurtenances	22	EACH	$_____	$_____
622.2030	Remove Streetlight Ductbank	2,640	L.F.	$_____	$_____
622.2040	Remove Streetlight Cables	2,640	L.F.	$_____	$_____
622.3000	HECo. Service Charge for Street Light Service	F.A.	F.A.	F.A.	$50,000.00
623.0001	Traffic Signal Cabinet and Foundation	5	EACH	$_____	$_____
623.0002	Type I Traffic Signal Standard (10' Arm) with conduit & Cabling	38	EACH	$_____	$_____
623.0005	Type II Traffic Signal Standard (20' Arm) with conduit & Cabling	2	EACH	$_____	$_____
623.0006	Type II Traffic Signal Standard (25' Arm) with conduit & Cabling	10	EACH	$_____	$_____
623.0007	Type II Traffic Signal Standard (25'/15' Arm) with conduit & Cabling	2	EACH	$_____	$_____
623.0008	Type II Traffic Signal Standard (30' Arm) with conduit & Cabling	20	EACH	$_____	$_____
623.0009	Type II Traffic Signal Standard (35' Arm) with conduit & Cabling	6	EACH	$_____	$_____
623.0010	Type II Traffic Signal Standard (40' Arm) with conduit & Cabling	1	EACH	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.0011	Type II Traffic Signal Standard (45' Arm) with conduit & Cabling	2	EACH	$_____	$_____
623.0012	Type II Traffic Signal Standard (50' Arm) with conduit & Cabling	2	EACH	$_____	$_____
623.0013	Street Light Traffic Signal Standard	11	EACH	$_____	$_____
623.0014	Traffic Signal Assembly, All Ball, with Cabling	35	EACH	$_____	$_____
623.0015	Traffic Signal Assembly, Straight Arrow, with Cabling	16	EACH	$_____	$_____
623.0016	Traffic Signal Assembly, Left Arrow, with Cabling	14	EACH	$_____	$_____
623.0017	Traffic Signal Assembly, Left Arrow, Programmed Visibility	16	EACH	$_____	$_____
623.0018	Traffic Signal Assembly, Yellow Flasher, with Cabling	2	EACH	$_____	$_____
623.0019	Pedestrian Signal Assembly with Cabling	32	EACH	$_____	$_____
623.0020	Pedestrian Pushbutton with Instruction Sign with Cabling	32	EACH	$_____	$_____
623.0021	Type "A" Pullbox	14	EACH	$_____	$_____
623.0022	Type "B" Pullbox	45	EACH	$_____	$_____
623.0023	Type "C" Pullbox	241	EACH	$_____	$_____
623.0024	Pullbox Tie-in	103	EACH	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.0025	Loop Detector Sensing Unit (6 Ft. x 6 Ft.) with Cabling	161	EACH	$_____	$_____
623.0026	EVP Optical Receiver	20	EACH	$_____	$_____
623.0027	EVP Optical Receiver Cabling	3,000	L.F.	$_____	$_____
623.0028	Traffic Signal Ductline 1-2"C Pvc Sch 40, Conc. Encased	6,200	L.F.	$_____	$_____
623.0029	Traffic Signal Ductline 2-2"C Pvc Sch 40, Conc. Encased	20	L.F.	$_____	$_____
623.0030	Traffic Signal Ductline 6-2"C Pvc Sch 40, Conc. Encased	7,000	L.F.	$_____	$_____
623.0031	Traffic Signal Ductline 7-2"C Pvc Sch 40, Conc. Encased	300	L.F.	$_____	$_____
623.0032	Traffic Signal Ductline 8-2"C Pvc Sch 40, Conc. Encased	200	L.F.	$_____	$_____
623.0033	Type 1 Cable - 26C#14	6,000	L.F.	$_____	$_____
623.0034	Type 2 Cable - 2C#14	20,000	L.F.	$_____	$_____
623.0035	Type 6 Cable - Electrical Service Cable	500	L.F.	$_____	$_____
623.0036	Demolish Traffic Signal Conduits, Cables, and Equipment	L.S.	L.S.	L.S.	$_____
623.0037	Service and Metering Equipment Assembly	6	EACH	$_____	$_____
623.0039	HECo. Service Charge for Traffic Signal Service	F.A.	F.A.	F.A.	$50,000.00

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
624.0000	6-Inch Ductile Iron Pipe, Class 53	115	L.F.	$_____	$_____
624.0001	8-Inch Ductile Iron Pipe, Class 53	72	L.F.	$_____	$_____
624.0002	12-Inch Ductile Iron Pipe, Class 53	433	L.F.	$_____	$_____
624.0003	16-Inch Ductile Iron Pipe, Class 53	212	L.F.	$_____	$_____
624.0004	20-Inch Ductile Iron Pipe, Class 53	823	L.F.	$_____	$_____
624.0005	24-Inch Ductile Iron Pipe, Class 53	106	L.F.	$_____	$_____
624.0006	30-Inch Ductile Iron Pipe, Class 53	92	L.F.	$_____	$_____
624.0007	36-Inch Ductile Iron Pipe, Class 53	1,532	L.F.	$_____	$_____
624.0008	42-Inch Ductile Iron Pipe, Class 53	56	L.F.	$_____	$_____
624.1000	20-Inch Bevel Geared Gate Valve	1	EACH	$_____	$_____
624.1001	30-Inch Bevel Geared Gate Valve	1	EACH	$_____	$_____
624.1002	36-Inch Bevel Geared Gate Valve	2	EACH	$_____	$_____
624.1200	12-Inch Gate Valve	5	EACH	$_____	$_____
624.1210	6-Inch Gate Valve	3	EACH	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
624.1300	3/4-Inch ARV	2	EACH	$_____	$_____
624.1301	2-Inch Offset ARV	7	EACH	$_____	$_____
624.2000	Relocate Water Service Lateral at Station 144+92.6	L.S.	L.S.	L.S.	$_____
624.2100	Fire Hydrant	4	EACH	$_____	$_____
624.3000	Cathodic Protection	L.S.	L.S.	L.S.	$_____
624.8000	Temporary Waterline By-Pass 1	L.S.	L.S.	L.S.	$_____
624.8001	Temporary Waterline By-Pass 2	L.S.	L.S.	L.S.	$_____
624.8002	Temporary Waterline By-Pass 3	L.S.	L.S.	L.S.	$_____
624.8003	Temporary Waterline By-Pass 4	L.S.	L.S.	L.S.	$_____
624.8004	Temporary Waterline By-Pass 5	L.S.	L.S.	L.S.	$_____
624.8005	Temporary Waterline By-Pass 6	L.S.	L.S.	L.S.	$_____
624.8006	Temporary Waterline By-Pass 7	L.S.	L.S.	L.S.	$_____
624.8007	Temporary Waterline By-Pass 8	L.S.	L.S.	L.S.	$_____
624.8008	Temporary Waterline By-Pass 9	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
624.8009	Temporary Waterline By-Pass 10	L.S.	L.S.	L.S.	$_____
624.8010	Temporary Waterline By-Pass 11	L.S.	L.S.	L.S.	$_____
624.8011	Temporary Waterline By-Pass 12	L.S.	L.S.	L.S.	$_____
624.8012	Temporary Waterline By-Pass 13	L.S.	L.S.	L.S.	$_____
624.8013	Temporary Waterline By-Pass 14	L.S.	L.S.	L.S.	$_____
624.8014	Temporary Waterline By-Pass 15	L.S.	L.S.	L.S.	$_____
624.8015	Temporary Waterline By-Pass 16	L.S.	L.S.	L.S.	$_____
624.8016	Temporary Waterline By-Pass 17	L.S.	L.S.	L.S.	$_____
624.8017	Temporary Waterline By-Pass 18	L.S.	L.S.	L.S.	$_____
624.8018	Temporary Waterline By-Pass 19	L.S.	L.S.	L.S.	$_____
624.8019	Temporary Waterline By-Pass 20	L.S.	L.S.	L.S.	$_____
624.8020	Temporary Waterline By-Pass 21	L.S.	L.S.	L.S.	$_____
624.8021	Temporary Waterline By-Pass 22	L.S.	L.S.	L.S.	$_____
624.8022	Temporary Waterline By-Pass 23	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
624.9000	Relocate Irrigation System	F.A.	F.A.	F.A.	$10,000.00
625.1000	10-Inch PVC for Sewer System	385	L.F.	$_____	$_____
626.1000	Sewer Manhole, 14 Feet to 14.99 Feet	1	EACH	$_____	$_____
626.2300	Type "A" Manhole 11.99 Feet to 11 Feet	4	EACH	$_____	$_____
626.3501	Type "D" Manhole 7.99 Feet to 7 Feet	6	EACH	$_____	$_____
626.4000	Type "C" Manhole 9.99 Feet to 9 Feet	1	EACH	$_____	$_____
626.5000	12-Inch Gate Valve Standard Valve Box	5	EACH	$_____	$_____
626.5100	6-Inch Gate Valve Standard Valve Box	3	EACH	$_____	$_____
626.6000	3/4-Inch Air Relief Valve Standard Valve Box	2	EACH	$_____	$_____
626.7000	Adjusting Water Manhole Frame and Cover	L.S.	L.S.	L.S.	$_____
626.8000	Adjusting Water Valve Box	L.S.	L.S.	L.S.	$_____
627.0001	CCTV, Controller, CCTV	6	EACH	$_____	$_____
627.0002	CCTV Type "C" Pullbox	78	EACH	$_____	$_____
627.0003	CCTV Ductline 2-2"C Pvc Sch 40, Conc. Encased	4,600	L.F.	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
627.0004	CCTV Ductline 4-2"C Pvc Sch 40, Conc. Encased	6,400	L.F.	$_____	$_____
627.0005	CCTV Ductline 5-2"C Pvc Sch 40, Conc. Encased	100	L.F.	$_____	$_____
627.0006	CCTV Ductline 6-2"C Pvc Sch 40, Conc. Encased	400	L.F.	$_____	$_____
627.0007	Dual Camera Site Equipment	4	EACH	$_____	$_____
627.0008	Quad Camera Site Equipment	1	EACH	$_____	$_____
627.0009	CCTV Camera Cable	1,000	L.F.	$_____	$_____
627.0010	Demolish CCTV Conduits, Cables, and Equipment	L.S.	L.S.	L.S.	$_____
627.0011	Broadband Type "B" Pullbox	78	EACH	$_____	$_____
627.0012	Broadband Ductline 2-2"C Pvc Sch 40, Conc. Encased	6,000	L.F.	$_____	$_____
629.1000	Profiled Thermoplastic Striping	2,051	L.F.	$_____	$_____
629.1100	4-Inch Pavement Striping (Thermoplastic)	37,884	L.F.	$_____	$_____
629.1200	6-Inch Pavement Striping (Thermoplastic)	56,643	L.F.	$_____	$_____
629.1300	8-Inch Pavement Striping (Thermoplastic)	10,165	L.F.	$_____	$_____
629.1400	12-Inch Pavement Striping (Thermoplastic)	8,943	L.F.	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1500	24-Inch Pavement Striping (Thermoplastic)	292	L.F.	$_____	$_____
629.2000	Crosswalk Marking (Thermoplastic)	161	LANE	$_____	$_____
629.3000	Pavement Arrow (Thermoplastic)	40	EACH	$_____	$_____
629.3100	Pavement Symbol (Thermoplastic)	192	EACH	$_____	$_____
629.4000	Pavement Word (Thermoplastic)	46	EACH	$_____	$_____
629.5100	Type "C" Pavement Marker	332	EACH	$_____	$_____
629.5200	Type "D" Pavement Marker	5	EACH	$_____	$_____
629.5300	Type "H" Pavement Marker	999	EACH	$_____	$_____
629.5400	Type "F" Pavement Marker	4	EACH	$_____	$_____
629.6000	Temporary Construction Zone Markings	F.A.	F.A.	F.A.	$50,000.00
631.1000	Regulatory Sign (10 Square Feet or Less)	130	EACH	$_____	$_____
634.1000	Portland Cement Concrete Sidewalk	31,695	S.Y.	$_____	$_____
635.1000	E-Construction License	F.A.	F.A.	F.A.	$10,000.00
638.1000	Curb, Type 2D	16,915	L.F.	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
638.2000	Curb and Gutter, Type 2DG	17,360	L.F.	$_____	$_____
641.1000	Hydro-Mulch Seeding	L.S.	L.S.	$_____	$_____
642.1000	Plant Maintenance	9	MONTH	$_____	$_____
642.2000	Irrigation Maintenance	9	MONTH	$_____	$_____
645.1000	Traffic Control	L.S.	L.S.	L.S.	$_____
645.2000	Additional Police Officers, Additional Traffic Control Devices, and Advertisements	F.A.	F.A.	F.A.	$750,000.00
647.0001	Type "B" Pullbox	78	EACH	$_____	$_____
647.0002	ITS, 72 Strand, Fiber Optic Cable	24,000	L.F.	$_____	$_____
647.0003	ITS 3-cell Innerduct	65,600	L.F.	$_____	$_____
647.0004	ITS Ductline 3-2"C Pvc Sch 40, Conc. Encased	4,000	L.F.	$_____	$_____
647.0005	ITS Ductline 1-4"C Pvc Sch 40, Conc. Encased	3,200	L.F.	$_____	$_____
647.0006	ITS Ductline 3-2" & 1-4"C Pvc Sch 40, Conc. Encased	16,000	L.F.	$_____	$_____
647.0007	ITS Demolish Conduits, Cables, and Equipment	L.S.	L.S.	L.S.	$_____
648.1000	Field-Posted Drawings	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
650.1100	Curb Ramp, Type A	55	EACH	$_____	$_____
650.1200	Curb Ramp, Type B	12	EACH	$_____	$_____
650.1400	Curb Ramp, Type D	4	EACH	$_____	$_____
651.0000	AT&T One 6-Inch Conduit Encased in Concrete Jacket with Four 1.5-Inch Inner Ducts - Honouliuli Bridge, Horizontal Directional Drilling	L.S.	L.S.	L.S.	$_____
652.1000	36-Inch Ductile Iron Pipe Class 53 Waterline Pilot Tube Microtunneling	L.S.	L.S.	L.S.	$_____
655.1000	Dumped Riprap	986	C.Y.	$_____	$_____
660.1000	Allowance for Trench Excavation and Backfill, and Installation of Gas Pipelines	F.A.	F.A.	F.A.	$65,000.00
680.2000	CATV Ductline, Two 4-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
680.2100	CATV Ductline, One 4-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
680.2200	CATV 3' x 5' Intercept Handhole	1	EACH	$_____	$_____
680.2300	CATV Handhole/Manhole Penetration	4	EACH	$_____	$_____
680.2400	CATV Handhole/Manhole Adjustment	3	EACH	$_____	$_____
680.2500	Demolish CATV Ductline	L.S.	L.S.	L.S.	$_____
680.2600	Demolish CATV Handhole/Manhole	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
680.3000	CATV Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (For Future Development)	L.S.	L.S.	L.S.	$_____
680.3011	CATV Ductline, Four 4-Inch Conduit Encased in Concrete Jacket (For Future Development)	L.S.	L.S.	L.S.	$_____
680.3100	CATV Ductline, One 4-Inch Conduit Encased in Concrete Jacket (For Future Development)	L.S.	L.S.	L.S.	$_____
680.3200	CATV 2' x 6' Handhole	1	EACH	$_____	$_____
680.4010	HTCO Ductline, Three 4-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
680.4100	HTCO Ductline, Two 4-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
680.4200	HTCO Ductline, One 4-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
680.4310	HTCO 5' x 10' Manhole	2	EACH	$_____	$_____
680.4400	HTCO Handhole/Manhole Penetration	6	EACH	$_____	$_____
680.4500	HTCO Handhole/Manhole Adjustment	4	EACH	$_____	$_____
680.4600	Demolish HTCO Ductline	L.S.	L.S.	L.S.	$_____
680.4700	Demolish HTCO Handhole/Manhole	L.S.	L.S.	L.S.	$_____
680.4800	Demolish HTCO Equipment pad	L.S.	L.S.	L.S.	$_____
680.4900	Demolish and Remove Existing Concrete Encased Asbestos-Containing Transite Ductline After Cables are Removed by HTCO	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
680.5100	HTCO Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (For Future Development)	L.S.	L.S.	L.S.	$_____
680.6010	HECO 6' x 14' Manhole	3	EACH	$_____	$_____
680.6011	HECO Betterment 6' x 14' Manhole	9	EACH	$_____	$_____
680.6012	HECO Betterment Upsize to 6' x 14' Manhole (Betterment)	1	EACH	$_____	$_____
680.6013	HECO Betterment 6' x 11' Manhole	1	EACH	$_____	$_____
680.6020	HECO 6' x 11' Manhole	3	EACH	$_____	$_____
680.6030	HECO 5' x 8' Manhole	3	EACH	$_____	$_____
680.6100	HECO 3' x 5' Handhole	2	EACH	$_____	$_____
680.6200	HECO 3' x 5' Handhole (For Traffic Signal Electric Service)	1	EACH	$_____	$_____
680.6300	HECO 1-Phase Transformer Pad (For Traffic Sign Electric Service)	1	EACH	$_____	$_____
680.6400	HECO Handhole/Manhole Penetration	2	EACH	$_____	$_____
680.6410	HECO Transformer Pad Penetration	1	EACH	$_____	$_____
680.6420	HECO Transformer Pad Penetration (For Street Light Service)	1	EACH	$_____	$_____
680.6500	HECO Handhole/Manhole Adjustment	1	EACH	$_____	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
680.6600	Demolish HECO Ductline	L.S.	L.S.	L.S.	$_____
680.6700	Demolish HECO Handhole/Manhole	L.S.	L.S.	L.S.	$_____
680.6800	Demolish HECO Equipment pad	L.S.	L.S.	L.S.	$_____
680.6900	Demolish HECO 138kV Foundation	L.S.	L.S.	L.S.	$_____
680.7000	Demolish and Remove Existing Concrete Encased Asbestos-Containing Transite Ductline After Cables are Removed by HECO	L.S.	L.S.	L.S.	$_____
680.7200	HECO Ductline, Two 6-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
680.7300	HECO Ductline, Four 5-Inch Conduit Encased in Thermal Concrete Jacket & FTB	L.S.	L.S.	L.S.	$_____
680.7310	HECO Ductline, Eight 5-Inch Conduit Encased in Concrete Jacket & FTB	L.S.	L.S.	L.S.	$_____
680.7400	HECO Ductline, Four 5-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
680.7410	HECO Ductline, Two 5-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
680.7500	HECO Ductline, Two 4-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
680.7600	HECO Ductline, Two 3-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
680.7700	HECO Ductline, Two 2-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
680.8000	HECO Ductline, Two 4-Inch Conduit Encased in Concrete Jacket (For Future Development)	L.S.	L.S.	L.S.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
680.8100	HECO Ductline, Four 5-Inch Conduit Encased in Concrete Jacket	L.S.	L.S.	L.S.	$_____
680.8200	HECO Handhole/Manhole Penetration	1	EACH	$_____	$_____
680.8300	HECO Ductline, Four 5-Inch Conduit Encased in Concrete Jacket.	L.S.	L.S.	L.S.	$_____
680.8400	HECO Ductline, Four 5-Inch Conduit Encased in Thermal Concrete Jacket & FTB.	L.S.	L.S.	L.S.	$_____
680.9000	AT&T One 6-Inch Conduit Encased in Concrete Jacket with Four 1.5-Inch Inner Ducts	L.S.	L.S.	L.S.	$_____
680.9100	AT&T 4' x 4' Intercept Manhole	LS	L.S.	L.S.	$_____
680.9200	AT&T 4' x 4' Manhole	LS	L.S.	L.S.	$_____
680.9300	AT&T Handhole/Manhole Adjustment	3	EACH	$_____	$_____
680.9400	Demolish AT&T Ductline	L.S.	L.S.	L.S.	$_____
680.9500	Demolish AT&T Manhole	L.S.	L.S.	L.S.	$_____
695.1000	Just-In-Time-Training	L.S.	L.S.	L.S.	$_____
696.1000	Field Office Trailer (Not to Exceed $50,000)	L.S.	L.S.	L.S.	$_____
696.3000	Maintenance of Trailers	F.A.	F.A.	F.A.	$25,000.00
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.	$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
	A. Sum of All Items				$_____

NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.

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PROPOSAL SCHEDULE-QUEEN'S WEST INTERSECTION WORK

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
201.1000Q	Clearing and Grubbing	1	Acre	$_____	$_____
201.1100Q	Additional Grubbing	F.A.	F.A.	F.A.	$1,000.00
202.3000Q	Removal of AC Pavement	3,448	S.Y.	$_____	$_____
202.3300Q	Removal of Concrete Curb and Gutter	1,009	L.F.	$_____	$_____
203.0100Q	Roadway Excavation	3,836	C.Y.	$_____	$_____
203.1000Q	Over Excavation, Moisture Conditioning and Recompaction	F.A.	F.A.	F.A.	$20,000.00
209.0100Q	Installation, Maintenance, Monitoring, and Removal of BMP	L.S.	L.S.	L.S.	$_____
209.0200Q	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	$35,000.00
301.1000Q	Hot Mix Asphalt Base Course	1,198	TON	$_____	$_____
305.1000Q	Aggregate Subbase	1,230	C.Y.	$_____	$_____
316.1000Q	Polypropylene Biaxial Geogrid	2,960	S.Y.	$_____	$_____
401.1000Q	2-Inch PMA Pavement, Mix No. IV	299	TON	$_____	$_____
604.3004Q	Type 2A-9P Inlet, 10.99 Feet to 10 Feet	1	EACH	$_____	$_____

PROPOSAL SCHEDULE-QUEEN'S WEST INTERSECTION WORK

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
604.4007Q	Type Special 2A-9P Inlet, 6.99 Feet to 6 Feet	1	EACH	$_____	$_____
614.1000Q	New Street Survey Monuments	1	EACH	$_____	$_____
616.1000Q	Temporary Irrigation System	L.S.	L.S.	L.S.	$_____
623.0001Q	Traffic Signal Cabinet and Foundation	1	EACH	$_____	$_____
623.0002Q	Type I (10') Traffic Signal Standard with conduit & Cabling	2	EACH	$_____	$_____
623.0003Q	Type II Traffic Signal Standard (10' Arm) with conduit & Cabling	1	EACH	$_____	$_____
623.0004Q	Type II Traffic Signal Standard (15' Arm) with conduit & Cabling	1	EACH	$_____	$_____
623.0008Q	Type II Traffic Signal Standard (30' Arm) with conduit & Cabling	1	EACH	$_____	$_____
623.0009Q	Type II Traffic Signal Standard (35' Arm) with conduit & Cabling	3	EACH	$_____	$_____
623.0013Q	Street Light Traffic Signal Standard	3	EACH	$_____	$_____
623.0014Q	Traffic Signal Assembly, All Ball, with Cabling	4	EACH	$_____	$_____
623.0015Q	Traffic Signal Assembly, Straight Arrow, with Cabling	6	EACH	$_____	$_____
623.0016Q	Traffic Signal Assembly, Left Arrow, with Cabling	5	EACH	$_____	$_____

PROPOSAL SCHEDULE-QUEEN'S WEST INTERSECTION WORK

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.0017Q	Traffic Signal Assembly, Left Arrow, Programmed Visibility	6	EACH	$_____	$_____
623.0018Q	Traffic Signal Assembly, Yellow Flasher, with Cabling	2	EACH	$_____	$_____
623.0019Q	Pedestrian Signal Assembly with Cabling	8	EACH	$_____	$_____
623.0020Q	Pedestrian Pushbutton with Instruction Sign with Cabling	8	EACH	$_____	$_____
623.0021Q	Type "A" Pullbox	2	EACH	$_____	$_____
623.0022Q	Type "B" Pullbox	9	EACH	$_____	$_____
623.0023Q	Type "C" Pullbox	23	EACH	$_____	$_____
623.0024Q	Pullbox Tie-in	9	EACH	$_____	$_____
623.0025Q	Loop Detector Sensing Unit (6 Ft. x 6 Ft.) with Cabling	52	EACH	$_____	$_____
623.0026Q	EVP Optical Receiver	4	EACH	$_____	$_____
623.0027Q	EVP Optical Receiver Cabling	800	L.F.	$_____	$_____
623.0028Q	Traffic Signal Ductline 1-2"C Pvc Sch 40, Conc. Encased	750	L.F.	$_____	$_____
623.0030Q	Traffic Signal Ductline 6-2"C Pvc Sch 40, Conc. Encased	800	L.F.	$_____	$_____

PROPOSAL SCHEDULE-QUEEN'S WEST INTERSECTION WORK

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
623.0031Q	Traffic Signal Ductline 7-2"C Pvc Sch 40, Conc. Encased	200	L.F.	$_____	$_____
623.0032Q	Traffic Signal Ductline 8-2"C Pvc Sch 40, Conc. Encased	100	L.F.	$_____	$_____
623.0033Q	Type 1 Cable - 26C#14	1,500	L.F.	$_____	$_____
623.0034Q	Type 2 Cable - 2C#14	6,000	L.F.	$_____	$_____
623.0035Q	Type 6 Cable - Electrical Service Cable	800	L.F.	$_____	$_____
623.0037Q	Service and Metering Equipment Assembly	1	EACH	$_____	$_____
623.0039Q	HECo. Service Charge for Traffic Signal Service	L.S.	L.S.	L.S.	$_____
629.1000Q	Profiled Thermoplastic Striping	865	L.F.	$_____	$_____
629.1100Q	4-Inch Pavement Striping (Thermoplastic)	2,720	L.F.	$_____	$_____
629.1200Q	6-Inch Pavement Striping (Thermoplastic)	26	L.F.	$_____	$_____
629.1300Q	8-Inch Pavement Striping (Thermoplastic)	40	L.F.	$_____	$_____
629.1400Q	12-Inch Pavement Striping (Thermoplastic)	120	L.F.	$_____	$_____
629.2000Q	Crosswalk Marking (Thermoplastic)	7	LANE	$_____	$_____

PROPOSAL SCHEDULE-QUEEN'S WEST INTERSECTION WORK

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.3000Q	Pavement Arrow (Thermoplastic)	22	EACH	$_____	$_____
629.3100Q	Pavement Symbol (Thermoplastic)	8	EACH	$_____	$_____
629.4000Q	Pavement Word (Thermoplastic)	3	EACH	$_____	$_____
629.5100Q	Type "C" Pavement Marker	20	EACH	$_____	$_____
629.5200Q	Type "D" Pavement Marker	10	EACH	$_____	$_____
629.5300Q	Type "H" Pavement Marker	8	EACH	$_____	$_____
629.6000Q	Temporary Construction Zone Markings	F.A.	F.A.	F.A.	$15,000.00
631.1000Q	Regulatory Sign (10 Square Feet or Less)	5	EACH	$_____	$_____
634.1000Q	Portland Cement Concrete Sidewalk	408	S.Y.	$_____	$_____
638.1000Q	Curb, Type 2D	643	L.F.	$_____	$_____
638.2000Q	Curb and Gutter, Type 2DG	282	L.F.	$_____	$_____
645.1000Q	Traffic Control	L.S.	L.S.	L.S.	$_____
645.2000Q	Additional Police Officers, Additional Traffic Control Devices, and Advertisements	F.A.	F.A.	F.A.	$75,000.00

PROPOSAL SCHEDULE-QUEEN'S WEST INTERSECTION WORK

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
650.1100Q	Curb Ramp, Type A	3	EACH	$_____	$_____
650.1200Q	Curb Ramp, Type B	1	EACH	$_____	$_____
650.1300Q	Curb Ramp, Type C	3	EACH	$_____	$_____
696.1000Q	Field Office Trailer (Not to Exceed $50,000)	L.S.	L.S.	L.S.	$_____
696.2000Q	Project Site Laboratory Trailer (Not to Exceed $50,000)	L.S.	L.S.	L.S.	$_____
696.3000Q	Maintenance of Trailers	F.A.	F.A.	F.A.	$10,000.00
699.1000Q	Mobilization (Not to Exceed 6% of the Sum of All Items Excluding the Bid Price of This Item).	L.S.	L.S.	L.S.	$_____

B. Sum of All Items (Queen's West Intersection Work) $_____

C. Sum of Item A on P-38 $_____

Sum of Item B on P-45 $_____

Total of Item A and Item B $_____

NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.