

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

**ADDENDUM NO. 8
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. NOTICE TO BIDDERS

1. Replace NOTICE TO BIDDERS dated 4/18/22 with NOTICE TO BIDDERS dated r8/16/22.

B. SPECIAL PROVISIONS

1. Replace Table of Contents dated r07/21/22 with attached Table of Contents dated r08/16/22.

C. PROPOSAL AND PROPOSAL SCHEDULE

1. Replace Proposal pages P-6 to P-10 dated r5/20/2021 with Proposal page P-6 dated r08/16/2022.
2. Replace Proposal pages P-11 to P-45 dated r08/04/2022 with Proposal pages P-7 to P-41 dated r08/16/2022
3. Replace Proposal page P-46 dated r07/22/2022 with Proposal pages P-42 dated r08/16/2022

Please acknowledge receipt of this Addendum No. 8 by recording the date of its receipt in the space provided on page P-4 of the Proposal.



Jade T. Butay
Director of Transportation

Addendum No. 8
r08/16/2022

STATE PROJECTS

NOTICE TO BIDDERS
(Chapter 103D, HRS)

The receiving of SEALED BIDS for Farrington Highway Widening – Kapolei Golf Course Road to Fort Weaver Road, Project No. 7101A-01-20, will begin as advertised on in HiePRO. Bidders are to register and submit bids through HiePRO only. See the following HiePRO link for important information on registering: <https://hiepro.ehawaii.gov/welcome.html>.

Deadline to submit bids is **August 24, 2022 2:00PM HST**. Bids received after said due date and time shall not be considered.

Plans, specifications, proposal, contract forms, stormwater pollution prevention plan (SWPPP), National pollutant discharge elimination system (NPDES) documents, and environmental assessment (EA) are available on HiePRO.

The project scope of work includes the widening of the Farrington Highway; Construction of drainage structures and culverts, asphalt and concrete pavements, concrete curbs, gutters and sidewalks, gas lines, water lines and sewer lines, street lighting, traffic signals, and landscaping; relocation of water mains; relocation of overhead and underground electrical and telecommunications infrastructure; reconstruction of the Kaloi Stream Bridge and Honouliuli Stream Bridge; demolition and removal of structures, clearing, grading; and pavement marking and sign installation. The estimated cost of construction is between \$100,000,000 and \$130,000,000.

To be eligible for award, bidders must possess a valid State of Hawaii General Engineering "A" license at the time of bidding.

A 5% bid adjustment for bidders that are parties to apprenticeship agreements pursuant to Section 103-55.6, Hawaii Revised Statutes (HRS), is applicable to this project.

STATE PROJECTS

Compliance with Act 192, SLH 2011 is a requirement for this project whereby a minimum of 80% of the bidder's work force on this project **must** consist of Hawaii residents.

A pre-bid conference is scheduled for Friday, May 13, 2022 at 10:00 A.M. HST. All prospective bidders or their representatives (employees) are encouraged to attend, but attendance is not mandatory. **Due to the impacts of COVID 19, the pre-bid meeting will be conducted virtually. Questions applicable should be submitted via HiePRO no later than July 8, 2022 at 4:00 P.M. HST.**

Contact Lawrence Laus, Project Manager, by phone, at (808) 692-7575, by facsimile at (808) 692-7590 or email at lawrence.m.laus@hawaii.gov to obtain the venue for the pre-bid meeting.

ALL requests for information (RFI) shall be received in writing via HiePRO no less than 21 calendar days before bid opening. Questions received after the deadline will not be addressed. Verbal requests for information will not receive a response. Anything said at the conference is for clarification purposes and any changes to the bid documents will be made by addendum and posted in HiePRO.

Any protest of this solicitation shall be submitted in writing to the Director of Transportation, in accordance with §103D-701, HRS and §3-126, HAR.

Campaign contributions by State and County Contractors. Contractors are hereby notified of the applicability of Section 11-355, HRS, which states that campaign contributions are prohibited from specified State or county government contractors during the term of the contract if the contractors are paid with funds appropriated by a legislative body. For more information, contact the Campaign Spending Commission at (808) 586-0285.

The Equal Employment Opportunity Regulations of the Secretary of Labor implementing

STATE PROJECTS

Executive Order 11246, as amended, shall be complied with on this project.

Driving While Impaired (DWI) Education. HDOT encourages all organizations contracted with the DOT to have an employee education program preventing DWI. DWI is defined as operating a motor vehicle while impaired by alcohol or other legal or illegal substances. HDOT promotes this type of program to accomplish our mission to provide a safe environment for motorists, bicyclists and pedestrians utilizing our State highways, and expects its contractors to do so as well.

The U.S. Department of Transportation Regulation entitled “Nondiscrimination in Federally-Assisted Programs of the U.S. Department of Transportation,” Title 49, Code of Federal Regulations (CFR), Part 21 is applicable to this project. Bidders are hereby notified that the Department of Transportation will affirmatively ensure that the contract entered into pursuant to this advertisement will be awarded to the lowest responsible bidder without discrimination on the grounds of race, color, national origin or sex (as directed by 23 CFR Part 200).

For additional information, contact Lawrence Laus, Project Manager, by phone at (808) 692-7575, by fax at (808) 692-7590 or email at lawrence.m.laus@hawaii.gov.

The State reserves the right to reject any or all proposals and to waive any defects in said proposals for the best interest of the public.



JADE T. BUTAY
Director of Transportation

Posted:

TABLE OF CONTENTS

Notice to Bidders

Instructions for Contractor's Licensing

Special Provisions Title Page

Special Provisions

DIVISION 100 - GENERAL PROVISIONS		
Section	Description	Pages
101	Terms, Abbreviations, and Definitions	101-1a – 101-12a
102	Bidding Requirements and Conditions	102-1a – 102-14a
103	Award and Execution of Contract	103-1a – 103-5a
104	Scope of Work	104-1a – 104-2a
105	Control of Work	105-1a – 105-3a
106	Material Restrictions and Requirements	106-1a
107	Legal Relations and Responsibility to Public	107-1a – 107-6a
108	Prosecution and Progress	108-1a – 108-25a
109	Measurement and Payment	109-1a – 109-2a

DIVISION 200 - EARTHWORK		
Section	Description	Pages
201	Clearing and Grubbing	201-1a – 201-2a
202	Removal of Structures and Obstructions	202-1a – 202-2a
203	Excavation and Embankment	203-1a – 203-4a
204	Excavation and Backfill for Miscellaneous Facilities	204-1a
205	Excavation and Backfill for Bridge and Retaining Structures	205-1a - 205-2a
206	Excavation and Backfill for Drainage Facilities	206-1a
207	Ditch and Channel Excavation	207-1a
209	Temporary Water Pollution, Dust, and Erosion Control	209-1a - 209-28a

DIVISION 300 - BASES		
Section	Description	Pages
301	Hot Mix Asphalt Base Course	301-1a – 301-2a
304	Aggregate Base Course	304-1a
305	Aggregate Subbase Course	305-1a
316	Polypropylene Biaxial Geogrid	316-1a – 316-2a

DIVISION 400 - PAVEMENTS		
Section	Description	Pages
401	Hot Mix Asphalt (HMA) Pavement	401-1a – 401-37a
407	Tack Coat	407-1a
411	Portland Cement Concrete Pavement	411-1a – 411-53a

DIVISION 500 - STRUCTURES		
Section	Description	Pages
503	Concrete Structures	503-1a – 503-10a
504	Prestressed Concrete Members	504-1a – 504-3a
507	Railings	507-1a
511	Drilled Shafts	511-1a – 511-27a
540	Very Early Strength Latex Modified Concrete (VESLMC)	540-1a – 540-13a

DIVISION 600 - INCIDENTAL CONSTRUCTION		
Section	Description	Pages
601	Structural Concrete	601-1a – 601-15a
602	Reinforcing Steel	602-1a
603	Culverts and Storm Drains	603-1a
607	Chain Link Fences and Gates	607-1a
614	Street Survey Monuments	614-1a
619	Planting	619-1a
621	Enhanced Vehicle Classification System	621-1a – 621-19a
622	Roadway and Sign Lighting System	622-1a – 622-2a
623	Traffic Signal System	623-1a – 623-6a
624	Water System	624-1a – 624-2a
625	Sewer System	625-1a
626	Manholes and Valve Boxes for Water and Sewer Systems	626-1a
627	Traffic Monitoring and Signal Control System	627-1a – 627-11a
629	Pavement Markings	629-1a – 629-4a
631	Traffic Control Regulatory, Warning, and Miscellaneous Signs	631-1a
634	Portland Cement Concrete Sidewalks	634-1a – 634-2a
635	E-Construction	635-1a
638	Portland Cement Concrete Curb and Gutter	638-1a – 638-2a
641	Hydro-Mulch Seeding	641-1a
645	Work Zone Traffic Control	645-1a
647	Fiber Optic Cable	647-1a – 647-8a

650	Curb Ramps	650-1a
651	Horizontal Directional Drilling	651-1a – 651-8a
652	Pilot Tube Microtunneling	652-1a – 652-13a
655	Dumped Riprap	655-1a
660	Gas System	660-1a – 660-3a
670	Glass Fiber Reinforced Polymer Rebar	670-1a – 670-3a
675	Mass Concrete	675-1a – 675-5a
680	Electric and Communication Systems	680-1a – 680-19a
695	Just in Time Training	695-1a – 695-2a
696	Field Office and Project Site Laboratory	696-1a
697	Project Web Page	697-1a – 697-2a
699	Mobilization	699-1a

DIVISION 700 - MATERIALS		
Section	Description	Pages
702	Bituminous Materials	702-1a
705	Joint Materials for Concrete Structures	705-1a
706	Concrete, Clay, and Plastic Pipe	706-1a
709	Reinforcing Steel, Wire Rope and Prestressing Steel	709-1a
712	Miscellaneous	712-1a
720	Macro-Synthetic Fibers for Concrete Sidewalk Reinforcement	720-1a
750	Traffic Control Sign and Marker Materials	750-1a – 750-2a
755	Pavement Marking Materials	755-1a
760	Roadway and Sign Lighting Systems Materials	760-1a – 760-2a
770	Traffic Signal Materials	770-1a – 770-11a

Requirements of Chapter 104, HRS
Wages and Hours of Employees on Public Works Law

Proposal Title Page

Proposal P-1 – P-6
Proposal Schedule P-7 – P-42

Surety Bid Bond

Sample Form Title Page

Contract

Performance Bond (Surety)

Performance Bond

Labor and Material Payment Bond (Surety)

Labor and Material Payment Bond

Chapter 104, HRS Compliance Certificate

Certification of Compliance for Employment of State Residents

END OF TABLE OF CONTENTS

PREFERENCES

Bidders agree that preferences shall be taken into consideration to determine the low bidder in accordance with said Sections and the rules promulgated, however, the award of contract will be in the amount of the bid offered exclusive of any preferences.

A. HAWAII PRODUCTS PREFERENCE

In accordance with ACT 174, SLH 2022, effective June 27, 2022, Hawaii Products Preference shall not apply to solicitations for public works construction. Therefore, the Hawaii Products Preference shall not apply to this project.

B. APPRENTICESHIP PROGRAMS PREFERENCE

In accordance with ACT 17, SLH 2009 – Apprenticeship Program, a 5% bid adjustment for bidders that are parties to apprenticeship agreements pursuant to Hawaii Revised Statutes (HRS) Section 103-55.6 may be applied to the bidder's price for evaluation purposes

Any bidder seeking this preference must be a party to an apprenticeship agreement registered with the Department of Labor and Industrial Relations at the time the offer is made for each apprenticeable trade the bidder will employ to construct the public works projects for which the offer is being made.

The bidder is responsible for complying with all submission requirements for registration of its apprenticeship program before requesting the preference.

Yes, I wish to be considered for the Apprenticeship Programs Preference. I have included Certification Form(s) 1 with my bid.

C. RECYCLED PRODUCT PREFERENCE

Recycled product preference shall not apply to this proposal.

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 Kaloι 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 Kaloι 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 (Kaloι 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 Kaloι	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-Foot 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			\$ _____	
<p>NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bid.</p>					

PROPOSAL SCHEDULE

PAGE LEFT INTENTIONALLY BLANK

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.				

1 **PROPOSAL SCHEDULE**

2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

The bidder is directed to Subsection 105.16 – Subcontracts.

The bidder's attention is directed to Sections 696 - Field Office and Project Site Laboratory and 699 - Mobilization for the limitation of the amount bidders are allowed to bid.

If the bid price for any proposal item having a maximum allowable bid indicated therefore in any of the contract documents is in excess of such a maximum amount, the bid price for such proposal item shall be adjusted to reflect the limitation thereon. The comparison of bids to determine the successful bidder and the amount of contract to be awarded shall be determined after such adjustments are made, and such adjustments shall be binding upon the bidder.