

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

**ADDENDUM NO. 5
for
FARRINGTON HIGHWAY,
REPLACEMENT OF MAKAHA BRIDGE NO. 3 AND
MAKAHA BRIDGE NO. 3A**

FEDERAL-AID PROJECT NO. BR-093-1(20)

December 16, 2020

This Addendum shall make the following amendments to the Bid Documents:

A. SPECIFICATIONS

1. Replace TABLE OF CONTENTS dated r12/09/20 with the attached TABLE OF CONTENTS dated r12/16/20.
2. Replace Section 629 – PAVEMENT MARKINGS dated r12/09/20 with the attached Section 629 – PAVEMENT MARKINGS dated r12/16/20.
3. Replace WAGE RATES dated 10/30/2020 with the attached WAGE RATES dated 12/11/2020.

B. PROPOSAL

1. Replace PROPOSAL page P-4 dated 6/13/17 with the attached PROPOSAL page P-4 dated r12/16/20.
2. Replace PROPOSAL SCHEDULE pages P-8 to P-25 dated r12/09/20 with the attached PROPOSAL SCHEDULE pages P-8 to P-25 dated r12/16/20.

C. PLANS

1. Replace Plan Sheet Nos. 45 and 46 with the attached Plan Sheet Nos. ADD. 45 and ADD. 46.

The following is provided for information:

A. CONTRACTOR'S RFI

The responses to Contractor's RFI are attached for your information.

Please acknowledge receipt of this Addendum No. 5 by recording the date of its receipt in the space provided on the page "Addendum Acknowledgement" page.



JADE T. BUTAY
Director of Transportation

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SECTION 629 - PAVEMENT MARKINGS

Make the following amendments to said Section:

(I) Amend **Subsection 629.03(B) – Temporary Pavement Markings** by revising the third paragraph from line 62 to 63 to read:

“Maintain and replace temporary pavement markings, flexible delineators, and barricades. ”

(II) Amend **Table 629.03 – 1 – Temporary Pavement Markings** to read as follows:

TABLE 629.03-1 TEMPORARY PAVEMENT MARKINGS	
TYPE	PAVEMENT MARKINGS
Passing Permitted - Both Sides	Single 4-inch yellow stripe 5 feet in length spaced 20 feet on center with Type D markers spaced 40 feet on center and located on center of 5-foot length of stripe.
Passing Prohibited - Both Sides	Double solid 4-inch yellow stripes with Type D markers placed 20 feet on center on one of 4-inch yellow stripes selected by the Engineer.
Passing Permitted - One Side Only	Single continuous 4-inch yellow stripe with Type D markers placed on stripe 20 feet on center on no-passing side and single 4-inch yellow stripes 5 feet in length spaced 20 feet on center on passing side.
Lane Lines - Lane Changing Permitted	Single 4-inch yellow or white stripe 5 feet in length spaced 20 feet on center with Type C or Type D markers spaced 40 feet on center.
Lane Lines - Lane Changing Prohibited	Double solid 4-inch white stripes with Type C markers placed 20 feet on center on one of the 4-inch white stripes selected by the Engineer.
Crosswalk	Two 12-inch white transverse lines spaced 8 feet on center or as ordered by the Engineer.
Stop Line	Single 12-inch white transverse line.
Note: Paint may be used for temporary markings in areas where final paving is not complete.”	

(III) Amend **629.04 – Measurement** by revising lines 292 to 294 to read as follows:

“629.04 Measurement.

(A) The Engineer will measure per linear foot in accordance with the contract documents. The longitudinal pavement markings and profiled thermoplastic striping will be measured per linear foot as a single stripe for the width specified in the contract and in the proposal. The Engineer will include the longitudinal gaps for skip striping, up to thirty (30) feet long, in the measurement.

The Engineer will not measure temporary pavement markings including flexible delineator posts with reflector markers or Type I Barricades and temporary signs installed for the longitudinal guidance of public traffic over reconstructed areas, cold planed surfaces, newly paved surfaces or other unmarked or scarified areas for payment.

The Engineer will measure the temporary pavement markings and temporary signs installed as ordered by the Engineer for special temporary traffic patterns to be paid from an allowance if the contract specifies payment in the proposal.

The Contractor shall consider the work required for the removal of pavement markings incidental to the various contract items, except as provided in the proposal or elsewhere in the contract. If the contract stipulates that the Engineer will make payment for the removal of pavement markings, the Engineer will measure the removal of pavement markings.

(B) The Engineer will measure the pavement markers per each for the types shown in the proposal.

(C) The Engineer will measure the painted stripes that are twelve (12) inches wide or less as a single stripe. The Engineer will measure the painted stripes over twelve (12) inches wide as two (2) stripes. The Engineer will measure the double stripes that are twelve (12) inches or less in total width including the transverse space between the stripes as a single stripe.

65 (IV) Amend **629.05 – Payment** by revising lines 296 to 330 to read as follows:

66
67 **“629.05 Payment.**

68
69 (A) The Engineer will pay for thermoplastic at the contract price per
70 linear foot according to the contract, complete in place, including
71 primers.

72
73 The Engineer will pay for double four (4) inch striping with a four (4)
74 inch space between stripes at the contract price per linear foot.

75
76 The Engineer will pay for crosswalk markings at the contract price
77 per lane of traffic marked according to the contract.

78
79 The Engineer will pay for profiled thermoplastic striping at the contract
80 price per linear foot.

81
82
83 The contract unit price paid shall be full compensation for furnishing
84 labors, materials, tools, equipment and incidentals and for doing the
85 work involved in furnishing and installing pavement markings complete
86 in place according to the contract.

87
88 The Engineer will not pay for the temporary pavement markings
89 including flexible delineator posts with reflector markers or Type I
90 Barricades and temporary signs installed for the longitudinal guidance
91 of public traffic over reconstructed areas, cold planed surfaces, newly
92 paved surfaces or other unmarked or scarified areas for payment if not
93 shown in the proposal separately. The Engineer will consider them
94 incidental to the various contract items.

95
96 If the contract specifies payment for temporary pavement markings
97 installed as ordered by the Engineer for special temporary traffic
98 patterns, the Engineer will pay from an allowance for “Temporary
99 Construction Zone Markings”.

100
101 The Engineer will compute the actual amount paid to the Contractor
102 for force account work according to Subsection 109.06 – Force
103 Account Provisions and Compensation.


104
105 If the contact specifies payment for removal of pavement markings
106 under unit price pay items, the Engineer will pay for the accepted
107 quantities at the contract unit prices bid. The prices shall be full
108 compensation for removing such items according to the contract.

110 (B) The Engineer will pay for the various types of pavement markers at
111 the contract price per each according to the contract, complete in
112 place, including adhesives.

113
114 (C) The Engineer will pay for painted pavement striping at the contract
115 price per linear foot according to the contract.

116 The Engineer will pay for quantities of crosswalk marking at the
117 contract price per lane of traffic marked according to the contract.

118
119 The Engineer will pay for the following pay items when included in
120 the proposal schedule:

121		
122	Pay Item	Pay Unit
123		
124	Pavement Striping (Paint)	Linear Foot
125		
126	4-Inch Pavement Striping Dbl. Yellow (Paint)	
127		Linear Foot
128		
129	_____ - Inch Pavement Striping _____ (Thermoplastic)	
130		Linear Foot
131		
132	Profiled Thermoplastic Striping	Linear Foot
133		
134	Crosswalk Marking (Thermoplastic)	Lane
135		
136	 Pavement Word _____	Each
137		
138	Type _____ Pavement Marker	Each
139		

140
141
142
143
144
145
146

END OF SECTION 629

"General Decision Number: HI20200001 12/11/2020

Superseded General Decision Number: HI20190001

State: Hawaii

Construction Types: Building, Heavy (Heavy and Dredging), Highway and Residential

Counties: Hawaii Statewide.

BUILDING CONSTRUCTION PROJECTS; RESIDENTIAL CONSTRUCTION PROJECTS (consisting of single family homes and apartments up to and including 4 stories); HEAVY AND HIGHWAY CONSTRUCTION PROJECTS AND DREDGING

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/03/2020
1	01/31/2020
2	02/07/2020
3	02/21/2020
4	03/06/2020
5	03/20/2020
6	04/03/2020
7	07/24/2020
8	08/21/2020
9	08/28/2020
10	09/18/2020
11	09/25/2020
12	10/02/2020
13	10/09/2020
14	10/16/2020
15	10/30/2020
16	12/04/2020
17	12/11/2020

ASBE0132-001 08/31/2015

	Rates	Fringes
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Asbestos Workers/Insulator

Includes application of
all insulating materials,
protective coverings,
coatings and finishes to
all types of mechanical
systems. Also the
application of
firestopping material for
wall openings and
penetrations in walls,
floors, ceilings and
curtain walls.....

\$ 39.65	23.50
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BOIL0627-005 01/01/2013

	Rates	Fringes
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BOILERMAKER.....	\$ 35.20	27.35
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BRHI0001-001 08/31/2020

	Rates	Fringes
--	-------	---------

BRICKLAYER

Bricklayers and Stonemasons.....	\$ 45.95	29.59
Pointers, Caulkers and Weatherproofers.....	\$ 46.21	29.59

BRHI0001-002 08/31/2020

	Rates	Fringes
--	-------	---------

Tile, Marble & Terrazzo Worker

Terrazzo Base Grinders.....	\$ 41.69	28.11
Terrazzo Floor Grinders and Tenders.....	\$ 40.14	28.11
Tile, Marble and Terrazzo Workers.....	\$ 43.50	28.11

CARP0745-001 08/31/2020

	Rates	Fringes
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Carpenters:

Carpenters; Hardwood Floor Layers; Patent Scaffold Erectors (14 ft. and over); Piledrivers; Pneumatic Nailers; Wood Shinglers and Transit and/or Layout Man.....	\$ 50.50	23.59
Millwrights and Machine Erectors.....	\$ 50.75	23.59
Power Saw Operators (2 h.p. and over).....	\$ 50.65	23.59

CARP0745-002 08/31/2020

	Rates	Fringes
--	-------	---------

Drywall and Acoustical

Workers and Lathers.....\$ 50.50 23.59

ELEC1186-001 08/23/2020

Rates Fringes

Electricians:

Cable Splicers.....\$ 56.71 31.16
Electricians.....\$ 51.55 29.58
Telecommunication worker....\$ 32.69 12.96

ELEC1186-002 08/23/2020

Rates Fringes

Line Construction:

Cable Splicers.....\$ 56.71 31.16
Groundmen/Truck Drivers....\$ 38.66 25.63
Heavy Equipment Operators...\$ 46.40 28.00
Linemen.....\$ 51.55 29.58
Telecommunication worker....\$ 32.69 12.96

ELEV0126-001 01/01/2020

Rates Fringes

ELEVATOR MECHANIC.....\$ 61.14 34.765

a. VACATION: Employer contributes 8% of basic hourly rate for 5 years service and 6% of basic hourly rate for 6 months to 5 years service as vacation pay credit.

b. PAID HOLIDAYS: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day and Christmas Day.

ENGI0003-002 09/03/2018

Rates Fringes

Diver (Aqua Lung) (Scuba))

Diver (Aqua Lung) (Scuba)
(over a depth of 30 feet)...\$ 66.00 31.26
Diver (Aqua Lung) (Scuba)
(up to a depth of 30 feet)..\$ 56.63 31.26
Stand-by Diver (Aqua Lung)
(Scuba).....\$ 47.25 31.26

Diver (Other than Aqua Lung)

Diver (Other than Aqua Lung).....\$ 66.00 31.26
Diver Tender (Other than Aqua Lung).....\$ 44.22 31.26
Stand-by Diver (Other than Aqua Lung).....\$ 47.25 31.26

Helicopter Work

Airborne Hoist Operator
for Helicopter.....\$ 45.80 31.26
Co-Pilot of Helicopter.....\$ 45.98 31.26
Pilot of Helicopter.....\$ 46.11 31.26

Power equipment operator -
tunnel work

GROUP 1.....\$ 42.24 31.26
GROUP 2.....\$ 42.35 31.26
GROUP 3.....\$ 42.52 31.26

GROUP 4.....	\$ 42.79	31.26
GROUP 5.....	\$ 43.10	31.26
GROUP 6.....	\$ 43.75	31.26
GROUP 7.....	\$ 44.07	31.26
GROUP 8.....	\$ 44.18	31.26
GROUP 9.....	\$ 44.29	31.26
GROUP 9A.....	\$ 44.52	31.26
GROUP 10.....	\$ 44.58	31.26
GROUP 10A.....	\$ 44.73	31.26
GROUP 11.....	\$ 44.88	31.26
GROUP 12.....	\$ 45.24	31.26
GROUP 12A.....	\$ 45.60	31.26
Power equipment operators:		
GROUP 1.....	\$ 41.94	31.26
GROUP 2.....	\$ 42.05	31.26
GROUP 3.....	\$ 42.22	31.26
GROUP 4.....	\$ 42.49	31.26
GROUP 5.....	\$ 42.80	31.26
GROUP 6.....	\$ 43.45	31.26
GROUP 7.....	\$ 43.77	31.26
GROUP 8.....	\$ 43.88	31.26
GROUP 9.....	\$ 43.99	31.26
GROUP 9A.....	\$ 44.22	31.26
GROUP 10.....	\$ 44.28	31.26
GROUP 10A.....	\$ 44.43	31.26
GROUP 11.....	\$ 44.58	31.26
GROUP 12.....	\$ 44.94	31.26
GROUP 12A.....	\$ 45.30	31.26
GROUP 13.....	\$ 42.22	31.26
GROUP 13A.....	\$ 42.49	31.26
GROUP 13B.....	\$ 42.80	31.26
GROUP 13C.....	\$ 43.45	31.26
GROUP 13D.....	\$ 43.77	31.26
GROUP 13E.....	\$ 43.88	31.26

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Fork Lift (up to and including 10 tons); Partsman (heavy duty repair shop parts room when needed).

GROUP 2: Conveyor Operator (Handling building material); Hydraulic Monitor; Mixer Box Operator (Concrete Plant).

GROUP 3: Brakeman; Deckhand; Fireman; Oiler; Oiler/Gradechecker; Signaller; Switchman; Highline Cableway Signaller; Bargeman; Bunkerman; Concrete Curing Machine (self-propelled, automatically applied unit on streets, highways, airports and canals); Leveeman; Roller (5 tons and under); Tugger Hoist.

GROUP 4: Boom Truck or dual purpose "A" Frame Truck (5 tons or less); Concrete Placing Boom (Building Construction); Dinky Operator; Elevator Operator; Hoist and/or Winch (one drum); Straddle Truck (Ross Carrier, Hyster and similar).

GROUP 5: Asphalt Plant Fireman; Compressors, Pumps, Generators and Welding Machines ("Bank" of 9 or more, individually or collectively); Concrete Pumps or Pumpcrete Guns; Lubrication and Service Engineer (Grease Rack); Screedman.

GROUP 6: Boom Truck or Dual Purpose "A" Frame Truck (over 5 tons); Combination Loader/Backhoe (up to and including 3/4 cu. yd.); Concrete Batch Plants (wet or dry); Concrete Cutter, Groover and/or Grinder (self-propelled unit on

streets, highways, airports, and canals); Conveyor or Concrete Pump (Truck or Equipment Mounted); Drilling Machinery (not to apply to waterliners, wagon drills or jack hammers); Fork Lift (over 10 tons); Loader (up to and including 3 and 1/2 cu. yds); Lull High Lift (under 40 feet); Lubrication and Service Engineer (Mobile); Maginnis Internal Full Slab Vibrator (on airports, highways, canals and warehouses); Man or Material Hoist; Mechanical Concrete Finisher (Large Clary, Johnson Bidwell, Bridge Deck and similar); Mobile Truck Crane Driver; Portable Shotblast Concrete Cleaning Machine; Portable Boring Machine (under streets, highways, etc.); Portable Crusher; Power Jumbo Operator (setting slip forms, etc., in tunnels); Rollers (over 5 tons); Self-propelled Compactor (single engine); Self-propelled Pavement Breaker; Skidsteer Loader with attachments; Slip Form Pumps (Power driven by hydraulic, electric, air, gas, etc., lifting device for concrete forms); Small Rubber Tired Tractors; Trencher (up to and including 6 feet); Underbridge Personnel Aerial Platform (50 feet of platform or less).

GROUP 7: Crusher Plant Engineer, Dozer (D-4, Case 450, John Deere 450, and similar); Dual Drum Mixer, Extend Lift; Hoist and/or Winch (2 drums); Loader (over 3 and 1/2 cu. yds. up to and including 6 yards.); Mechanical Finisher or Spreader Machine (asphalt), (Barber Greene and similar) (Screedman required); Mine or Shaft Hoist; Mobile Concrete Mixer (over 5 tons); Pipe Bending Machine (pipelines only); Pipe Cleaning Machine (tractor propelled and supported); Pipe Wrapping Machine (tractor propelled and supported); Roller Operator (Asphalt); Self-Propelled Elevating Grade Plane; Slusher Operator; Tractor (with boom) (D-6, or similar); Trencher (over 6 feet and less than 200 h.p.); Water Tanker (pulled by Euclids, T-Pulls, DW-10, 20 or 21, or similar); Winchman (Stern Winch on Dredge).

GROUP 8: Asphalt Plant Operator; Barge Mate (Seagoing); Cast-in-Place Pipe Laying Machine; Concrete Batch Plant (multiple units); Conveyor Operator (tunnel); Deckmate; Dozer (D-6 and similar); Finishing Machine Operator (airports and highways); Gradesetter; Kolman Loader (and similar); Mucking Machine (Crawler-type); Mucking Machine (Conveyor-type); No-Joint Pipe Laying Machine; Portable Crushing and Screening Plant; Power Blade Operator (under 12); Saurman Type Dragline (up to and including 5 yds.); Stationary Pipe Wrapping, Cleaning and Bending Machine; Surface Heater and Planer Operator, Tractor (D-6 and similar); Tri-Batch Paver; Tunnel Badger; Tunnel Mole and/or Boring Machine Operator Underbridge Personnel Aerial Platform (over 50 feet of platform).

GROUP 9: Combination Mixer and Compressor (gunite); Do-Mor Loader and Adams Elegrader; Dozer (D-7 or equal); Wheel and/or Ladder Trencher (over 6 feet and 200 to 749 h.p.).

GROUP 9A: Dozer (D-8 and similar); Gradesetter (when required by the Contractor to work from drawings, plans or specifications without the direct supervision of a foreman or superintendent); Push Cat; Scrapers (up to and including 20 cu. yds); Self-propelled Compactor with Dozer; Self-Propelled, Rubber-Tired Earthmoving Equipment (up to and including 20 cu. yds) (621 Band and similar); Sheep's Foot; Tractor (D-8 and similar); Tractors with boom (larger than D-6, and similar).

GROUP 10: Chicago Boom; Cold Planers; Heavy Duty Repairman or Welder; Hoist and/or Winch (3 drums); Hydraulic Skooper (Koehring and similar); Loader (over 6 cu. yds. up to and including 12 cu. yds.); Saurman type Dragline (over 5 cu. yds.); Self-propelled, rubber-tired Earthmoving Equipment (over 20 cu. yds. up to and including 31 cu. yds.) (637D and similar); Soil Stabilizer (P & H or equal); Sub-Grader (Gurries or other automatic type); Tractors (D-9 or equivalent, all attachments); Tractor (Tandem Scraper); Watch Engineer.

GROUP 10A: Boat Operator; Cable-operated Crawler Crane (up to and including 25 tons); Cable-operated Power Shovel, Clamshell, Dragline and Backhoe (up to and including 1 cu. yd.); Dozer D9-L; Dozer (D-10, HD41 and similar) (all attachments); Gradall (up to and including 1 cu. yd.); Hydraulic Backhoe (over 3/4 cu. yds. up to and including 2 cu. yds.); Mobile Truck Crane Operator (up to and including 25 tons) (Mobile Truck Crane Driver Required); Self-propelled Boom Type Lifting Device (Center Mount) (up to and including 25 tons) (Grove, Drott, P&H, Pettibone and similar); Trencher (over 6 feet and 750 h.p. or more); Watch Engineer (steam or electric).

GROUP 11: Automatic Slip Form Paver (concrete or asphalt); Band Wagon (in conjunction with Wheel Excavator); Cable-operated Crawler Cranes (over 25 tons but less than 50 tons); Cable-operated Power Shovel, Clamshell, Dragline and Backhoe (over 1 cu. yd. up to 7 cu. yds.); Gradall (over 1 cu. yds. up to 7 cu. yds.); DW-10, 20, etc. (Tandem); Earthmoving Machines (multiple propulsion power units and 2 or more Scrapers) (up to and including 35 cu. yds., "struck" m.r.c.); Highline Cableway; Hydraulic Backhoe (over 2 cu. yds. up to and including 4 cu. yds.); Leverman; Lift Slab Machine; Loader (over 12 cu. yds); Master Boat Operator; Mobile Truck Crane Operator (over 25 tons but less than 50 tons); (Mobile Truck Crane Driver required); Pre-stress Wire Wrapping Machine; Self-propelled Boom-type Lifting Device (Center Mount) (over 25 tons m.r.c); Self-propelled Compactor (with multiple-propulsion power units); Single Engine Rubber Tired Earthmoving Machine (with Tandem Scraper); Tandem Cats; Trencher (pulling attached shield).

GROUP 12: Clamshell or Dipper Operator; Derricks; Drill Rigs; Multi-Propulsion Earthmoving Machines (2 or more Scrapers) (over 35 cu. yds "struck" m.r.c.); Operators (Derricks, Piledrivers and Cranes); Power Shovels and Draglines (7 cu. yds. m.r.c. and over); Self-propelled rubber-tired Earthmoving equipment (over 31 cu. yds.) (657B and similar); Wheel Excavator (up to and including 750 cu. yds. per hour); Wheel Excavator (over 750 cu. yds. per hour).

GROUP 12A: Dozer (D-11 or similar or larger); Hydraulic Excavators (over 4 cu. yds.); Lifting cranes (50 tons and over); Pioneering Dozer/Backhoe (initial clearing and excavation for the purpose of providing access for other equipment where the terrain worked involves 1-to-1 slopes that are 50 feet in height or depth, the scope of this work does not include normal clearing and grubbing on usual hilly terrain nor the excavation work once the access is provided); Power Blade Operator (Cat 12 or equivalent or over); Straddle Lifts (over 50 tons); Tower Crane, Mobile; Traveling Truss Cranes; Universal, Liebherr, Linden, and similar types of Tower Cranes (in the erection,

dismantling, and moving of equipment there shall be an additional Operating Engineer or Heavy Duty Repairman); Yo-Yo Cat or Dozer.

GROUP 13: Truck Driver (Utility, Flatbed, etc.)

GROUP 13A: Dump Truck, 8 cu.yds. and under (water level); Water Truck (up to and including 2,000 gallons).

GROUP 13B: Water Truck (over 2,000 gallons); Tandem Dump Truck, over 8 cu. yds. (water level).

GROUP 13C: Truck Driver (Semi-trailer. Rock Cans, Semi-Dump or Roll-Offs).

GROUP 13D: Truck Driver (Slip-In or Pup).

GROUP 13E: End Dumps, Unlicensed (Euclid, Mack, Caterpillar or similar); Tractor Trailer (Hauling Equipment); Tandem Trucks hooked up to Trailer (Hauling Equipment)

BOOMS AND/OR LEADS (HOURLY PREMIUMS):

The Operator of a crane (under 50 tons) with a boom of 80 feet or more (including jib), or of a crane (under 50 tons) with leads of 100 feet or more, shall receive a per hour premium for each hour worked on said crane (under 50 tons) in accordance with the following schedule:

Booms of 80 feet up to but not including 130 feet or Leads of 100 feet up to but not including 130 feet	0.50
Booms and/or Leads of 130 feet up to but not including 180 feet	0.75
Booms and/or Leads of 180 feet up to and including 250 feet	1.15
Booms and/or Leads over 250 feet	1.50

The Operator of a crane (50 tons and over) with a boom of 180 feet or more (including jib) shall receive a per hour premium for each hour worked on said crane (50 tons and over) in accordance with the following schedule:

Booms of 180 feet up to and including 250 feet	1.25
Booms over 250 feet	1.75

ENGI0003-004 09/04/2017

	Rates	Fringes
Dredging: (Boat Operators)		
Boat Deckhand.....	\$ 41.22	30.93
Boat Operator.....	\$ 43.43	30.93
Master Boat Operator.....	\$ 43.58	30.93
Dredging: (Clamshell or Dipper Dredging)		
GROUP 1.....	\$ 43.94	30.93
GROUP 2.....	\$ 43.28	30.93
GROUP 3.....	\$ 42.88	30.93
GROUP 4.....	\$ 41.22	30.93
Dredging: (Derricks)		

GROUP 1.....	\$ 43.94	30.93
GROUP 2.....	\$ 43.28	30.93
GROUP 3.....	\$ 42.88	30.93
GROUP 4.....	\$ 41.22	30.93
Dredging: (Hydraulic Suction Dredges)		
GROUP 1.....	\$ 43.58	30.93
GROUP 2.....	\$ 43.43	30.93
GROUP 3.....	\$ 43.28	30.93
GROUP 4.....	\$ 43.22	30.93
GROUP 5.....	\$ 37.88	26.76
Group 5.....	\$ 42.88	30.93
GROUP 6.....	\$ 37.77	26.76
Group 6.....	\$ 42.77	30.93
GROUP 7.....	\$ 36.22	26.76
Group 7.....	\$ 41.22	30.93

CLAMSHELL OR DIPPER DREDGING CLASSIFICATIONS

GROUP 1: Clamshell or Dipper Operator.
 GROUP 2: Mechanic or Welder; Watch Engineer.
 GROUP 3: Barge Mate; Deckmate.
 GROUP 4: Bargeman; Deckhand; Fireman; Oiler.

HYDRAULIC SUCTION DREDGING CLASSIFICATIONS

GROUP 1: Leverman.
 GROUP 2: Watch Engineer (steam or electric).
 GROUP 3: Mechanic or Welder.
 GROUP 4: Dozer Operator.
 GROUP 5: Deckmate.
 GROUP 6: Winchman (Stern Winch on Dredge)
 GROUP 7: Deckhand (can operate anchor scow under direction of
 Deckmate); Fireman; Leveeman; Oiler.

DERRICK CLASSIFICATIONS

GROUP 1: Operators (Derricks, Piledrivers and Cranes).
 GROUP 2: Saurman Type Dragline (over 5 cubic yards).
 GROUP 3: Deckmate; Saurman Type Dragline (up to and
 including 5 yards).
 GROUP 4: Deckhand, Fireman, Oiler.

 ENGI0003-044 09/03/2018

	Rates	Fringes
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Power Equipment Operators
(PAVING)

Asphalt Concrete Material Transfer.....	\$ 42.92	32.08
Asphalt Plant Operator.....	\$ 43.35	32.08
Asphalt Raker.....	\$ 41.96	32.08
Asphalt Spreader Operator...	\$ 43.44	32.08
Cold Planer.....	\$ 43.75	32.08
Combination Loader/Backhoe (over 3/4 cu.yd.).....	\$ 41.96	32.08
Combination Loader/Backhoe (up to 3/4 cu.yd.).....	\$ 40.98	32.08
Concrete Saws and/or Grinder (self-propelled unit on streets, highways, airports and canals).....	\$ 42.92	32.08
Grader.....	\$ 43.75	32.08

Laborer, Hand Roller.....	\$ 41.46	32.08
Loader (2 1/2 cu. yds. and under).....	\$ 42.92	32.08
Loader (over 2 1/2 cu. yds. to and including 5 cu. yds.).....	\$ 43.24	32.08
Roller Operator (five tons and under).....	\$ 41.69	32.08
Roller Operator (over five tons).....	\$ 43.12	32.08
Screed Person.....	\$ 42.92	32.08
Soil Stabilizer.....	\$ 43.75	32.08

IRON0625-001 09/01/2020

Rates	Fringes
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Ironworkers:.....	\$ 42.50	36.84
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a. Employees will be paid \$.50 per hour more while working in tunnels and coffer dams; \$1.00 per hour more when required to work under or are covered with water (submerged) and when they are required to work on the summit of Mauna Kea, Mauna Loa or Haleakala.

LAB00368-001 09/02/2020

Rates	Fringes
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Laborers:

Driller.....	\$ 39.70	22.68
Final Clean Up.....	\$ 29.65	18.17
Guniting/Shotcrete Operator and High Scaler.....	\$ 38.55	21.52
Laborer I.....	\$ 38.70	22.68
Laborer II.....	\$ 36.10	22.68
Mason Tender/Hod Carrier....	\$ 39.20	22.68
Powderman.....	\$ 39.05	21.52
Window Washer (bosun chair).\$	38.20	22.68

LABORERS CLASSIFICATIONS

Laborer I: Air Blasting run by electric or pneumatic compressor; Asphalt Laborer, Ironer, Raker, Luteman, and Handroller, and all types of Asphalt Spreader Boxes; Asphalt Shoveler; Assembly and Installation of Multiplates, Liner Plates, Rings, Mesh, Mats; Batching Plant (portable and temporary); Boring Machine Operator (under streets and sidewalks); Buggymobile; Burning and Welding; Chainsaw, Faller, Logloader, and Bucker; Compactors (Jackson Jumping Jack and similar); Concrete Bucket Dumpman; Concrete Chipping; Concrete Chuteman/Hoseman (pouring concrete) (the handling of the chute from ready-mix trucks for such jobs as walls, slabs, decks, floors, foundations, footings, curbs, gutters, and sidewalks); Concrete Core Cutter (Walls, Floors, and Ceiling); Concrete Grinding or Sanding; Concrete: Hooking on, signaling, dumping of concrete for tremie work over water on caissons, pilings, abutments, etc.; Concrete: Mixing, handling, conveying, pouring, vibrating, otherwise placing of concrete or aggregates or by any other process; Concrete: Operation of motorized wheelbarrows or buggies or machines of similar character, whether run by gas, diesel, or electric power; Concrete Placement Machine Operator: operation of Somero Hammerhead, Copperheads, or similar machines; Concrete Pump Machine (laying, coupling, uncoupling of all connections and

cleaning of equipment); Concrete and/or Asphalt Saw (Walking or Handtype) (cutting walls or flatwork) (scoring old or new concrete and/or asphalt) (cutting for expansion joints) (streets and ways for laying of pipe, cable or conduit for all purposes); Concrete Shovelers/Laborers (Wet or Dry); Concrete Screeding for Rough Strike-Off: Rodding or striking-off, by hand or mechanical means prior to finishing; Concrete Vibrator Operator; Coring Holes: Walls, footings, piers or other obstructions for passage of pipes or conduits for any purpose and the pouring of concrete to secure the hole; Cribbers, Shorer, Lagging, Sheeting, and Trench Jacking and Bracing, Hand-Guided Lagging Hammer Whaling Bracing; Curbing (Concrete and Asphalt); Curing of Concrete (impervious membrane and form oiler) mortar and other materials by any mode or method; Cut Granite Curb Setter (setting, leveling and grouting of all precast concrete or stone curbs); Cutting and Burning Torch (demolition); Dri Pak-It Machine; Environmental Abatement: removal of asbestos, lead, and bio hazardous materials (EPA and/or OSHA certified); Falling, bucking, yarding, loading or burning of all trees or timber on construction site; Forklift (9 ft. and under); Gas, Pneumatic, and Electric tools; Grating and Grill work for drains or other purposes; Green Cutter of concrete or aggregate in any form, by hand, mechanical means, grindstone or air and/or water; Grout: Spreading for any purpose; Guinea Chaser (Grade Checker) for general utility trenches, sitework, and excavation; Headerboard Man (Asphalt or Concrete); Heat Welder of Plastic (Laborers' AGC certified workers) (when work involves waterproofing for waterponds, artificial lakes and reservoir) heat welding for sewer pipes and fusion of HDPE pipes; Heavy Highway Laborer (Rigging, signaling, handling, and installation of pre-cast catch basins, manholes, curbs and gutters); High Pressure Nozzleman - Hydraulic Monitor (over 100# pressure); Jackhammer Operator; Jacking of slip forms: All semi and unskilled work connected therewithin; Laying of all multi-cell conduit or multi-purpose pipe; Magnesite and Mastic Workers (Wet or Dry)(including mixer operator);Mortar Man; Mortar Mixer (Block, Brick, Masonry, and Plastering); Nozzleman (Sandblasting and/or Water Blasting): handling, placing and operation of nozzle; Operation, Manual or Hydraulic jacking of shields and the use of such other mechanical equipment as may be necessary; Pavement Breakers; Paving, curbing and surfacing of streets, ways, courts, under and overpasses, bridges, approaches, slope walls, and all other labor connected therewith; Pilecutters; Pipe Accessment in place, bolting and lining up of sectional metal or other pipe including corrugated pipe; Pipelayer performing all services in the laying and installation of pipe from the point of receiving pipe in the ditch until completion of operation, including any and all forms of tubular material, whether pipe, HDPE, metallic or non-metallic, conduit, and any other stationary-type of tubular device used for conveying of any substance or element, whether water, sewage, solid, gas, air, or other product whatsoever and without regard to the nature of material from which tubular material is fabricated; No-joint pipe and stripping of same, Pipewrapper, Caulker, Bander, Kettlemen, and men applying asphalt, Laykold, treating Creosote and similar-type materials (6-inch) pipe and over); Piping: resurfacing and paving of all ditches in preparation for laying of all pipes; Pipe laying of lateral sewer pipe from main or side sewer to buildings or structure (except Contactor may direct work be done under proper supervision); Pipe laying,

leveling and marking of the joint used for main or side sewers and storm sewers; Laying of all clay, terra cotta, ironstone, vitrified concrete, HDPE or other pipe for drainage; Placing and setting of water mains, gas mains and all pipe including removal of skids; Plaster Mortar Mixer/Pump; Pneumatic Impact Wrench; Portable Sawmill Operation: Choker setters, off bearers, and lumber handlers connected with clearing; Posthole Digger (Hand Held, Gas, Air and Electric); Powderman's Tender; Power Broom Sweepers (Small); Preparation and Compaction of roadbeds for railroad track laying, highway construction, and the preparation of trenches, footings, etc., for cross-country transmission by pipelines, electrical transmission or underground lines or cables (by mechanical means); Raising of structure by manual or hydraulic jacks or other methods and resetting of structure in new locations, including all concrete work; Ramming or compaction; Rigging in connection with Laborers' work (except demolition), Signaling (including the use of walkie talkie) Choke Setting, tag line usage; Tagging and Signaling of building materials into high rise units; Riprap, Stonepaver, and Rock Slinger (includes placement of stacked concrete, wet or dry and loading, unloading, signaling, slinging and setting of other similar materials); Rotary Scarifier (including multiple head concrete chipping Scarifier); Salamander Heater, Drying of plaster, concrete mortar or other aggregate; Scaffold Erector Leadman; Scaffolds: (Swing and hanging) including maintenance thereof; Scaler; Septic Tank/Cesspool and Drain Fields Digger and Installer; Shredder/Chipper (tree branches, brush, etc.); Stripping and Setting Forms; Stripping of Forms: Other than panel forms which are to be re-used in their original form, and stripping of forms on all flat arch work; Tampers (Barko, Wacker, and similar type); Tank Scaler and Cleaners; Tarman; Tree Climbers and Trimmers; Trencher (includes hand-held, Davis T-66 and similar type); Trucks (flatbed up to and including 2 1/2 tons when used in connection with on-site Laborers' work; Trucks (Refuse and Garbage Disposal) (from job site to dump); Vibra-Screed (Bull Float in connection with Laborers' work); Well Points, Installation of or any other dewatering system.

Laborer II: Asphalt Plant Laborer; Boring Machine Tender; Bridge Laborer; Burning of all debris (crates, boxes, packaging waste materials); Chainman, Rodmen, and Grade Markers; Cleaning, clearing, grading and/or removal for streets, highways, roadways, aprons, runways, sidewalks, parking areas, airports, approaches, and other similar installations; Cleaning or reconditioning of streets, ways, sewers and waterlines, all maintenance work and work of an unskilled and semi-skilled nature; Concrete Bucket Tender (Groundman) hooking and unhooking of bucket; Concrete Forms; moving, cleaning, oiling and carrying to the next point of erection of all forms; Concrete Products Plant Laborers; Conveyor Tender (conveying of building materials); Crushed Stone Yards and Gravel and Sand Pit Laborers and all other similar plants; Demolition, Wrecking and Salvage Laborers: Wrecking and dismantling of buildings and all structures, with use of cutting or wrecking tools, breaking away, cleaning and removal of all fixtures, All hooking, unhooking, signaling of materials for salvage or scrap removed by crane or derrick; Digging under streets, roadways, aprons or other paved surfaces; Driller's Tender; Chuck Tender, Outside Nipper; Dry-packing of concrete (plugging and filling of she-bolt holes); Fence and/or

Guardrail Erector: Dismantling and/or re-installation of all fence; Finegrader; Firewatcher; Flagman (Coning, preparing, stablishing and removing portable roadway barricade devices); Signal Men on all construction work defined herein, including Traffic Control Signal Men at construction site; General Excavation; Backfilling, Grading and all other labor connected therewith; Digging of trenches, ditches and manholes and the leveling, grading and other preparation prior to laying pipe or conduit for any purpose; Excavations and foundations for buildings, piers, foundations and holes, and all other construction. Preparation of street ways and bridges; General Laborer: Cleaning and Clearing of all debris and surplus material. Clean-up of right-of-way. Clearing and slashing of brush or trees by hand or mechanical cutting. General Clean up: sweeping, cleaning, wash-down, wiping of construction facility and equipment (other than "Light Clean up (Janitorial) Laborer. Garbage and Debris Handlers and Cleaners. Appliance Handling (job site) (after delivery unloading in storage area); Ground and Soil Treatment Work (Pest Control); Guniting/Shotcrete Operator Tender; Junk Yard Laborers (same as Salvage Yard); Laser Beam "Target Man" in connection with Laborers' work; Layout Person for Plastic (when work involves waterproofing for waterpools, artificial lakes and reservoirs); Limbers, Brush Loaders, and Pilers; Loading, Unloading, carrying, distributing and handling of all rods and material for use in reinforcing concrete construction (except when a derrick or outrigger operated by other than hand power is used); Loading, unloading, sorting, stockpiling, handling and distribution of water mains, gas mains and all pipes; Loading and unloading of all materials, fixtures, furnishings and appliances from point of delivery to stockpile to point of installation; hooking and signaling from truck, conveyance or stockpile; Material Yard Laborers; Pipelayer Tender; Pipewrapper, Caulker, Bander, Kettlemen, and men applying asphalt, Laykold, Creosote, and similar-type materials (pipe under 6 inches); Plasterer Laborer; Preparation, construction and maintenance of roadbeds and sub-grade for all paving, including excavation, dumping, and spreading of sub-grade material; Prestressed or precast concrete slabs, walls, or sections: all loading, unloading, stockpiling, hooking on of such slabs, walls or sections; Quarry Laborers; Railroad, Streetcar, and Rail Transit Maintenance and Repair; Roustabout; Rubbish Trucks in connection with Building Construction Projects (excluding clearing, grubbing, and excavating); Salvage Yard: All work connected with cutting, cleaning, storing, stockpiling or handling of materials, all cleanup, removal of debris, burning, back-filling and landscaping of the site; Sandblasting Tender (Pot Tender): Hoses and pots or markers; Scaffolds: Erection, planking and removal of all scaffolds used for support for lathers, plasters, brick layers, masons, and other construction trades crafts; Scaffolds: (Specially designed by carpenters) laborers shall tend said carpenter on erection and dismantling thereof, preparation for foundation or mudsills, maintenance; Scraping of floors; Screeds: Handling of all screeds to be reused; handling, dismantling and conveyance of screeds; Setting, leveling and securing or bracing of metal or other road forms and expansion joints; Sheeting Piling/trench shoring (handling and placing of skip sheet or wood plank trench shoring); Ship Scalers; Shipwright Tender; Sign Erector (subdivision traffic, regulatory, and street-name signs); Sloper; Slurry Seal Crews (Mixer Operator, Applicator, Squeegee Man,

Shuttle Man, Top Man); Snapping of wall ties and removal of tie rods; Soil Test operations of semi and unskilled labor such as filling sand bags; Stripper (Asphalt, Concrete or other Paved Surfaces); Tool Room Attendant (Job Site); Traffic Delineating Device Applicator; Underpinning, lagging, bracing, propping and shoring, loading, signaling, right-of-way clearance along the route of movement, The clearance of new site, excavation of foundation when moving a house or structure from old site to new site; Utilities employees; Water Man; Waterscape/Hardscape Laborers; Wire Mesh Pulling (all concrete pouring operations); Wrecking, stripping, dismantling and handling concrete forms an false work.

LAB00368-002 09/01/2020

	Rates	Fringes
Landscape & Irrigation Laborers		
GROUP 1.....	\$ 26.40	14.25
GROUP 2.....	\$ 27.40	14.25
GROUP 3.....	\$ 21.70	14.25

LABORERS CLASSIFICATIONS

GROUP 1: Installation of non-potable permanent or temporary irrigation water systems performed for the purposes of Landscaping and Irrigation architectural horticultural work; the installation of drinking fountains and permanent or temporary irrigation systems using potable water for Landscaping and Irrigation architectural horticultural purposes only. This work includes (a) the installation of all heads, risers, valves, valve boxes, vacuum breakers (pressure and non-pressure), low voltage electrical lines and, provided such work involves electrical wiring that will carry 24 volts or less, the installation of sensors, master control panels, display boards, junction boxes, conductors, including all other components for controllers, (b) and metallic (copper, brass, galvanized, or similar) pipe, as well as PVC or other plastic pipe including all work incidental thereto, i.e., unloading, handling and distribution of all pipes fittings, tools, materials and equipment, (c) all soldering work in connection with the above whether done by torch, soldering iron, or other means; (d) tie-in to main lines, thrust blocks (both precast and poured in place), pipe hangers and supports incidental to installation of the entire irrigation system, (e) making of pressure tests, start-up testing, flushing, purging, water balancing, placing into operation all irrigation equipment, fixtures and appurtenances installed under this agreement, and (f) the fabrication, replacement, repair and servicing of landscaping and irrigation systems. Operation of hand-held gas, air, electric, or self-powered tools and equipment used in the performance of Landscape and Irrigation work in connection with architectural horticulture; Choke-setting, signaling, and rigging for equipment operators on job-site in the performance of such Landscaping and Irrigation work; Concrete work (wet or dry) performed in connection with such Landscaping and Irrigation work. This work shall also include the setting of rock, stone, or riprap in connection with such Landscape, Waterscape, Rockscape, and Irrigation work; Grubbing, pick and shovel excavation, and hand rolling or

tamping in connection with the performance of such Landscaping and Irrigation work; Sprigging, handseeding, and planting of trees, shrubs, ground covers, and other plantings and the performance of all types of gardening and horticultural work relating to said planting; Operation of flat bed trucks (up to and including 2 1/2 tons):.

GROUP 2. Layout of irrigation and other non-potable irrigation water systems and the layout of drinking fountains and other potable irrigation water systems in connection with such Landscaping and Irrigation work. This includes the layout of all heads, risers, valves, valve boxes, vacuum breakers, low voltage electrical lines, hydraulic and electrical controllers, and metallic (coppers, brass, galvanized, or similar) pipe, as well as PVC or other plastic pipe. This work also includes the reading and interpretation of plans and specifications in connection with the layout of Landscaping, Rockscape, Waterscape, and Irrigation work; Operation of Hydro-Mulching machines (sprayman and driver), Drillers, Trenchers (riding type, Davis T-66, and similar) and fork lifts used in connection with the performance of such Landscaping and Irrigation work; Tree climbers and chain saw tree trimmers, Sporadic operation (when used in connection with Landscaping, Rockscape, Waterscape, and Irrigation work) of Skid-Steer Loaders (Bobcat and similar), Cranes (Bantam, Grove, and similar), Hoptos, Backhoes, Loaders, Rollers, and Dozers (Case, John Deere, and similar), Water Trucks, Trucks requiring a State of Hawaii Public Utilities Commission Type 5 and/or type 7 license, sit-down type and "gang" mowers, and other self-propelled, sit-down operated machines not listed under Landscape & Irrigation Maintenance Laborer; Chemical spraying using self-propelled power spraying equipment (200 gallon capacity or more).

GROUP 3: Maintenance of trees, shrubs, ground covers, lawns and other planted areas, including the replanting of trees, shrubs, ground covers, and other plantings that did not "take" or which are damaged; provided, however, that re-planting that requires the use of equipment, machinery, or power tools shall be paid for at the rate of pay specified under Landscape and Irrigation Laborer, Group 1; Raking, mowing, trimming, and runing, including the use of "weed eaters", hedge trimmers, vacuums, blowers, and other hand-held gas, air, electric, or self-powered tools, and the operation of lawn mowers (Note: The operation of sit-down type and "gang" mowers shall be paid for at the rate of pay specified under Landscape & Irrigation Laborer, Group 2); Guywiring, staking, propping, and supporting trees; Fertilizing, Chemical spraying using spray equipment with less than 200 gallon capacity, Maintaining irrigation and sprinkler systems, including the staking, clamping, and adjustment of risers, and the adjustment and/or replacement of sprinkler heads, (Note: the cleaning and gluing of pipe and fittings shall be paid for at the rate of pay specified under Landscape & Irrigation Laborer(Group 1); Watering by hand or sprinkler system and the performance of other types of gardening, yardman, and horticultural-related work.

LAB00368-003 09/02/2020

Rates

Fringes

Underground Laborer

GROUP 1.....	\$ 39.30	22.68
GROUP 2.....	\$ 40.80	22.68
GROUP 3.....	\$ 41.30	22.68
GROUP 4.....	\$ 42.30	22.68
GROUP 5.....	\$ 42.55	22.68
GROUP 6.....	\$ 42.65	22.68
GROUP 7.....	\$ 42.90	22.68

GROUP 1: Watchmen; Change House Attendant.

GROUP 2: Swamper; Brakeman; Bull Gang-Muckers, Trackmen; Dumpmen (any method); Concrete Crew (includes rodding and spreading); Grout Crew; Reboundmen

GROUP 3: Chucktenders and Cabetenders; Powderman (Prime House); Vibratorman, Pavement Breakers

GROUP 4: Miners - Tunnel (including top and bottom man on shaft and raise work); Timberman, Retimberman (wood or steel or substitute materials thereof); Blasters, Drillers, Powderman (in heading); Microtunnel Laborer; Headman; Cherry Pickerman (where car is lifted); Nipper; Grout Gunmen; Grout Pumpman & Potman; Gunite, Shotcrete Gunmen & Potmen; Concrete Finisher (in tunnel); Concrete Screed Man; Bit Grinder; Steel Form Raisers & Setters; High Pressure Nozzleman; Nozzleman (on slick line); Sandblaster-Potman (combination work assignment interchangeable); Tugger

GROUP 5: Shaft Work & Raise (below actual or excavated ground level); Diamond Driller; Gunite or Shotcrete Nozzleman; Rodman; Groundman

GROUP 6: Shifter

GROUP 7: Shifter (Shaft Work & Raiser)

* PAIN1791-001 07/01/2020

	Rates	Fringes
Painters:		
Brush.....	\$ 38.90	30.09
Sandblaster; Spray.....	\$ 38.90	30.09

PAIN1889-001 07/01/2020

	Rates	Fringes
Glaziers.....	\$ 39.50	34.85

PAIN1926-001 03/03/2020

	Rates	Fringes
Soft Floor Layers.....	\$ 36.65	31.29

PAIN1944-001 01/05/2020

	Rates	Fringes
Taper.....	\$ 43.10	29.90

PLAS0630-001 09/02/2019

	Rates	Fringes
PLASTERER.....	\$ 42.64	30.58

PLAS0630-002 09/02/2019		

	Rates	Fringes
Cement Masons:		
Cement Masons.....	\$ 41.10	30.68
Trowel Machine Operators....	\$ 41.25	30.68

PLUM0675-001 07/05/2020		

	Rates	Fringes
Plumber, Pipefitter, Steamfitter & Sprinkler Fitter...	\$ 47.23	27.63

ROOF0221-001 09/06/2020		

	Rates	Fringes
Roofers (Including Built Up, Composition and Single Ply).....	\$ 41.80	20.50

SHEE0293-001 09/02/2018		

	Rates	Fringes
Sheet metal worker.....	\$ 42.55	27.44

SUHI1997-002 09/15/1997		

	Rates	Fringes
Drapery Installer.....	\$ 13.60	1.20
FENCE ERECTOR (Chain Link Fence).....	\$ 9.33	1.65

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010

08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor

200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION"

The undersigned bidder acknowledges receipt of any addendum issued by the Department by recording in the space below the date of receipt.

Addendum No. 1 _____

Addendum No. 4 _____

Addendum No. 2 _____

Addendum No. 5 _____

Addendum No. 3 _____

Addendum No. 6 _____

In accordance with Section 103D-302, Hawaii Revised Statutes, the undersigned as bidder has listed the name of each person or firm, who will be engaged by the bidder on the project as Joint Contractor or Subcontractor and the nature of the work to be done by each on the following page. It is understood that failure to comply with the aforementioned requirements may be cause for rejection of the bid submitted.

The under signed bidder asserts that affirmative action has been taken to seek out and consider Disadvantaged Business Enterprises (DBEs) for portions of he work which can be subcontracted, and the affirmative actions of the bidder are fully documented in it's records and are available upon request by the Department. It is also understood that it must meet or exceed the DBE contract goal listed on page P-1, or demonstrate that it made good faith efforts to meet the DBE project goal. The undersigned as bidder, agrees to utilize each participating DBE that it submitted to meet he contract goal of _____% (percentage to be completed by bidder) DBE participation if the contract is awarded to it, and shall maintain such DBE participation during the construction of this project.

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
201.0110	Clearing and Grubbing	2.8	AC	\$ _____	\$ _____
202.0100	Removal of Trees	16	EA	\$ _____	\$ _____
202.0102	Removal of Existing Metal Guardrails (Bridge 3)	L.S.	L.S.	L.S.	\$ _____
202.0103	Removal of Existing Metal Guardrails (Bridge 3A)	L.S.	L.S.	L.S.	\$ _____
202.0104	Removal of Concrete Channel Liner (Bridge 3)	L.S.	L.S.	L.S.	\$ _____
202.0105	Removal of Bypass Road (Including AC Pavement, Base Course, and Embankment Material)	4,600	S.Y.	\$ _____	\$ _____
202.0106	Removal of Temporary By-pass Road Bridge and Abutments (Bridge 3A)	L.S.	L.S.	L.S.	\$ _____
202.0201	Removal of 18 Inch Drain Pipe	L.S.	LS	LS	\$ _____
202.0202	Removal of Temporary 24-Inch Drain Pipe	L.S.	L.S.	L.S.	\$ _____
202.0203	Removal of Temporary Storm Drain Manhole (Type B)	L.S.	L.S.	L.S.	\$ _____
202.0204	Removal of Steel Sheet Piles, Walers and Tie Rods	L.S.	L.S.	L.S.	\$ _____
202.0205	Removal of Temporary 8-Inch Water line	475	L.F.	\$ _____	\$ _____
202.0206	Removal of Regulatory, Warning and Miscellaneous Signs and Posts	5	EA	\$ _____	\$ _____
202.0207	Removal of 6-60 Inch Temporary Culverts	L.S.	L.S.	L.S.	\$ _____
202.0208	Removal of Portable Barrier and Construction End Treatment	L.S.	L.S.	L.S.	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
202.0209	Removal of Interim Pavement Striping and Markers, and Signs	L.S.	L.S.	L.S.	\$ _____
202.0210	Removal of 12-Inch Water line	320	L.F.	\$ _____	\$ _____
202.0211	Removal of 8-Inch Water line	1,140	L.F.	\$ _____	\$ _____
202.0212	Removal of 6-Inch Water line	40	L.F.	\$ _____	\$ _____
202.0420	Removal of Rock Wall and Sliding Gate	L.S.	L.S.	L.S.	\$ _____
202.0430	Removal of AC Driveway	57	S.Y.	\$ _____	\$ _____
202.0431	Removal of AC Pavement	2,800	S.Y.	\$ _____	\$ _____
202.0440	Removal of Riprap	L.S.	L.S.	L.S.	\$ _____
202.0441	Removal of 12-Inch Drain Pipe	L.S.	L.S.	L.S.	\$ _____
202.0442	Removal of Railroad Piers and Abutments	L.S.	L.S.	L.S.	\$ _____
202.0443	Removal of Bus Shelter and Concrete Pad	L.S.	L.S.	L.S.	\$ _____
202.0445	Removal of Striping and Markers	L.S.	L.S.	L.S.	\$ _____
202.0446	Removal of Kennel	L.S.	L.S.	L.S.	\$ _____
202.1070	Removal of Existing Timber Bridge Deck, Piers, Pier and Abutment Foundations, and Railings (Bridge 3)	L.S.	L.S.	L.S.	\$ _____
202.1080	Removal of Existing Timber Bridge Deck, Piers, Pier and Abutment Foundations, and Railings (Bridge 3A)	L.S.	L.S.	L.S.	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
203.0100	Roadway Excavation	2,790	C.Y.	\$ _____	\$ _____
204.0100	Trench Excavation for 8" Water line	120	C.Y.	\$ _____	\$ _____
204.0110	Trench Backfill for 8" Water line	L.S.	L.S.	L.S.	\$ _____
204.0200	Trench Excavation for 12-Inch Water line	75	C.Y.	\$ _____	\$ _____
204.0210	Trench Backfill for 12" Water line	L.S.	L.S.	L.S.	\$ _____
205.6100	Structure Excavation for By-pass Road Abutments (Within Footprint of Abutment Footings Only)	L.S.	L.S.	L.S.	\$ _____
205.6200	Structure Excavation for Abutments and Pile Caps (within footprint of abutment footings only) Bridge 3	L.S.	L.S.	L.S.	\$ _____
205.6210	Structure Excavation for Abutments and Pile Caps (within footprint of abutment footings only) Bridge 3A	L.S.	L.S.	L.S.	\$ _____
205.6220	Structure Excavation for Endwalls and Footings (Bridge 3)	L.S.	L.S.	L.S.	\$ _____
205.6230	Structure Excavation for Endwalls and Footings (Bridge 3A)	L.S.	L.S.	L.S.	\$ _____
205.6240	Structure Excavation for 10 Ft. Wide Overexcavation Along Abutments (Bridge 3)	L.S.	L.S.	L.S.	\$ _____
205.6250	Structure Excavation for 10 Ft. Wide Overexcavation Along Abutments (Bridge 3A)	L.S.	L.S.	L.S.	\$ _____
205.6300	Structure Excavation for Pier Pile Cap (Bridge 3)	L.S.	L.S.	L.S.	\$ _____
205.6400	Structure Excavation for Approach Slabs (Bridge 3)	L.S.	L.S.	L.S.	\$ _____
205.6410	Structure Excavation for Approach Slabs (Bridge 3A)	L.S.	L.S.	L.S.	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
205.7200	Structure Backfill for By-Pass Road	L.S.	L.S.	L.S.	\$ _____
205.7210	Structure Backfill for By-Pass Abutments	L.S.	L.S.	L.S.	\$ _____
205.7215	Structure Backfill for Abutments and Endwalls (Bridge 3)	L.S.	L.S.	L.S.	\$ _____
205.7220	Structure Backfill for Abutments and Endwalls (Bridge 3A)	L.S.	L.S.	L.S.	\$ _____
205.7230	Structure Backfill for Pier (Bridge 3)	L.S.	L.S.	L.S.	\$ _____
205.8000	Filter Material (Bridge 3)	L.S.	L.S.	L.S.	\$ _____
205.8100	Filter Material (Bridge 3A)	L.S.	L.S.	L.S.	\$ _____
205.8200	Filter Material (Grouted Rubble Paving, Bridge 3)	L.S.	L.S.	L.S.	\$ _____
205.8210	Filter Material (Grouted Rubble Paving, Bridge 3A)	L.S.	L.S.	L.S.	\$ _____
205.8220	Filter Material (Dumped Riprap, Bridge 3)	L.S.	L.S.	L.S.	\$ _____
205.8230	Filter Material (Dumped Riprap, Bridge 3A)	L.S.	L.S.	L.S.	\$ _____
206.0210	Excavation for 24-Inch Drain Pipe	172	C.Y.	\$ _____	\$ _____
206.2020	Excavation for Drainage Structures	L.S.	L.S.	L.S.	\$ _____
206.2025	Excavation for Unsuitable Material	F.A.	F.A.	F.A.	\$ 10,000.00
207.0100	Ditch and Channel Excavation (Bridge 3)	2,500	C.Y.	\$ _____	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
207.0200	Ditch and Channel Excavation (Bridge 3A)	2,100	C.Y.	\$ _____	\$ _____
209.0110	Installation, Maintenance, Monitoring, and Removal of BMP	L.S.	L.S.	L.S.	\$ _____
209.1100	Additional Water Pollution, Dust, and Erosion Control	F.A.	F.A.	F.A.	\$ 150,000.00
301.0100	Hot Mix Asphalt Base Course	1,790	TON	\$ _____	\$ _____
304.1000	Aggregate Base	1,047	C.Y.	\$ _____	\$ _____
304.1100	Aggregate Base (for Approach Slabs, Bridge 3)	50	C.Y.	\$ _____	\$ _____
304.1200	Aggregate Base (for Approach Slabs, Bridge 3A)	50	C.Y.	\$ _____	\$ _____
304.1300	Aggregate Base (4" thick PCC Pavement)	93	CY	\$ _____	\$ _____
304.1400	Aggregate Base (Concrete Sidewalk)	9	CY	\$ _____	\$ _____
304.1500	Aggregate Base (By-pass Road)	625	CY	\$ _____	\$ _____
304.1600	Aggregate Base (for Channel Slab, Bridge No. 3)	70	CY	\$ _____	\$ _____
305.1110	Aggregate Subbase	1,047	C.Y.	\$ _____	\$ _____
306.0100	Untreated Permeable Base Course	L.S.	L.S.	L.S.	\$ _____
401.0400	HMA Pavement, Mix No. IV	1,345	TON	\$ _____	\$ _____
401.0410	HMA Pavement, Mix No. IV (Access Road and Driveway)	105	TON	\$ _____	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
411.1115	11-Inch Concrete Pavement	28	C.Y.	\$ _____	\$ _____
411.2201	4-Inch Concrete Pavement	185	C.Y.	\$ _____	\$ _____
415.0110	Cold Planing	600	S.Y.	\$ _____	\$ _____
501.0200	Stainless Steel Supports for 12-Inch Waterline (Bridge No. 3)	L.S.	L.S.	L.S.	\$ _____
501.0210	Stainless Steel Supports for 12-Inch Waterline (Bridge No. 3A)	L.S.	L.S.	L.S.	\$ _____
501.0213	Structural Steel - Double Channel Walers, Installed (Bridge 3)	11,700	POUND	\$ _____	\$ _____
501.0214	Structural Steel - Tie Rods and Hardware, Installed By-Pass Road (Bridge 3)	L.S.	L.S.	L.S.	\$ _____
501.0215	Structural Steel - HSS 4 x 4 Struts to be welded to walers	370	POUND	\$ _____	\$ _____
501.0216	Structural Steel - Tie Rods and Hardware for Endwalls, Installed (Bridge 3)	L.S.	L.S.	L.S.	\$ _____
502.3100	Bus Shelter	L.S.	L.S.	L.S.	\$ _____
503.1080	Concrete in By-Pass Road Bridge Abutments and Wingwalls (Bridge 3A)	90	C.Y.	\$ _____	\$ _____
503.1081	Concrete in Bridge Abutment Stem Walls (Bridge 3)	88	C.Y.	\$ _____	\$ _____
503.1082	Concrete in Bridge Abutment Pile Caps (Bridge 3)	65	C.Y.	\$ _____	\$ _____
503.1083	Concrete in Bridge Abutment Stem Walls (Bridge 3A)	102	C.Y.	\$ _____	\$ _____
503.1084	Concrete in Bridge Abutment Pile Caps (Bridge 3A)	65	C.Y.	\$ _____	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
503.1085	Concrete in Endwalls (Bridge 3)	34	C.Y.	\$ _____	\$ _____
503.1086	Concrete in Endwall Footings (Bridge 3)	24	C.Y.	\$ _____	\$ _____
503.1087	Concrete in Endwalls (Bridge 3A)	34	C.Y.	\$ _____	\$ _____
503.1088	Concrete in Endwall Footings (Bridge 3A)	24	C.Y.	\$ _____	\$ _____
503.1089	Concrete in Pier Cap (Bridge 3)	23	C.Y.	\$ _____	\$ _____
503.1090	Concrete in By-Pass Road In-Fill Walls (Bridge 3)	30	C.Y.	\$ _____	\$ _____
503.1091	Concrete in Pier Columns (Bridge 3)	10	C.Y.	\$ _____	\$ _____
503.1092	Concrete in Pier Pile Cap (Bridge 3)	33	C.Y.	\$ _____	\$ _____
503.1093	Concrete in Bridge Approach Slabs (Bridge 3)	104	C.Y.	\$ _____	\$ _____
503.1094	Concrete in Bridge Approach Slabs (Bridge 3A)	104	C.Y.	\$ _____	\$ _____
503.1095	Concrete in Deck Topping Slab and Edge Beams (Bridge 3)	108	C.Y.	\$ _____	\$ _____
503.1096	Concrete in Deck Topping Slab and Edge Beams (Bridge 3A)	82	C.Y.	\$ _____	\$ _____
503.1097	Concrete in Channel Slab (Bridge 3)	150	C.Y.	\$ _____	\$ _____
503.1098	Concrete in 8" dia. Waterline encasement, Incl. Reinforcing Steel	20	C.Y.	\$ _____	\$ _____
503.2050	Concrete in Reaction Blocks, Test Blocks, Jackets and Reaction Beams (Temporary 8-Inch Waterline)	4	C.Y.	\$ _____	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
503.2051	Concrete in Reaction Blocks, Test Blocks, Jackets and Reaction Beams	3	C.Y.	\$ _____	\$ _____
503.6010	Dog Kennel	L.S.	L.S.	L.S.	\$ _____
504.7400	Prestressed Concrete Plank, Interior, Qty. 14 (Bridge 3) ((14) 4'-10" Wide x 48'-6 1/2" Long)	680	L.F.	\$ _____	\$ _____
504.7410	Prestressed Concrete Plank, Exterior, Qty. 4 (Bridge 3) ((4) 4'-10" Wide x 48'-6 1/2" Long)	194	L.F.	\$ _____	\$ _____
504.7420	Prestressed Concrete Plank, Interior (Bridge 3A) ((7) 4'-10" Wide x 68'-6" Long)	480	L.F.	\$ _____	\$ _____
504.7430	Prestressed Concrete Plank, Exterior (Bridge 3A) ((2) 4'-10" Wide x 68'-6" Long)	137	L.F.	\$ _____	\$ _____
505.0500	Bridge 3 By-Pass Structural Steel H-Piles Driven	555	L.F.	\$ _____	\$ _____
505.0501	Bridge By-Pass 3 Structural Steel H-piles, Piles Furnished	555	LF	\$ _____	\$ _____
505.0510	Bridge 3 By-Pass Steel Sheet Piles Furnished and Installed	270	L.F.	\$ _____	\$ _____
507.0100	Bridge 3 By-Pass Road Metal Pedestrian Bridge Railing	160	L.F.	\$ _____	\$ _____
507.5000	Bridge 3 Concrete Bridge Railing	209	L.F.	\$ _____	\$ _____
507.5100	Bridge 3A Concrete Bridge Railing	145	L.F.	\$ _____	\$ _____
507.7500	Bridge 3 Concrete End Posts	80	L.F.	\$ _____	\$ _____
507.7510	Bridge 3A Concrete End Posts	80	L.F.	\$ _____	\$ _____
508.0100	Cement Rubble Masonry (Wall)	L.S.	L.S.	L.S.	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
511.0100	Furnishing Drilled Shaft Drilling Equipment (Bridge 3)	L.S.	L.S.	L.S.	\$ _____
511.0110	Furnishing Drilled Shaft Drilling Equipment (Bridge 3A)	L.S.	L.S.	L.S.	\$ _____
511.0200	Obstruction (in Drilled Shaft, Bridge 3)	75	HOUR	\$ _____	\$ _____
511.0210	Obstruction (in Drilled Shaft, Bridge 3A)	50	HOUR	\$ _____	\$ _____
511.0300	Load Test (Bridge 3)	1	EA	\$ _____	\$ _____
511.0310	Load Test (Bridge 3A)	1	EA	\$ _____	\$ _____
511.0320	CSL Test on Drilled Shafts (Bridge 3)	L.S.	L.S.	L.S.	\$ _____
511.0330	CSL Test on Drilled Shafts (Bridge 3A)	L.S.	L.S.	L.S.	\$ _____
511.0400	Test Shaft	190	L.F.	\$ _____	\$ _____
511.0500	Drilled Shaft (36-Inch Diameter, Bridge 3)	2,000	L.F.	\$ _____	\$ _____
511.0510	Drilled Shaft (36-Inch Diameter, Bridge 3A)	1,600	L.F.	\$ _____	\$ _____
511.0600	Standard Excavation (for Drilled Shaft, Bridge 3)	1,761	L.F.	\$ _____	\$ _____
511.0610	Standard Excavation (for Drilled Shaft, Bridge 3A)	1,400	L.F.	\$ _____	\$ _____
511.0700	Concrete Overpour for Drilled Shafts (Bridge 3)	F.A.	F.A.	F.A.	\$58,000.00
511.0710	Concrete Overpour for Drilled Shafts (Bridge 3A)	F.A.	F.A.	F.A.	\$51,000.00

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
512.0100	Prefabricated Steel Truss Bridge Rental (Bridge 3A)	1	YEAR	\$ _____	\$ _____
512.0200	Installing Prefabricated Steel Truss Bridge (Bridge 3A)	1	EA	\$ _____	\$ _____
512.0300	Maintenance Prefabricated Steel Truss Bridge Rental (Bridge 3A)	12	MONTH	\$ _____	\$ _____
602.0101	Reinforcing Steel for Abutment Stem Walls (Bridge 3)	17,600	POUND	\$ _____	\$ _____
602.0102	Reinforcing Steel for Abutment Stem Walls (Bridge 3A)	20,400	POUND	\$ _____	\$ _____
602.0103	Reinforcing Steel for Abutment Pile Caps (Bridge 3)	13,700	POUND	\$ _____	\$ _____
602.0104	Reinforcing Steel for Abutment Pile Caps (Bridge 3A)	13,700	POUND	\$ _____	\$ _____
602.0105	Reinforcing Steel for Endwalls (Bridge 3)	5,950	POUND	\$ _____	\$ _____
602.0106	Reinforcing Steel for Endwalls (Bridge 3A)	5,950	POUND	\$ _____	\$ _____
602.0107	Reinforcing Steel for Endwall Footings (Bridge 3)	5,040	POUND	\$ _____	\$ _____
602.0108	Reinforcing Steel for Endwall Footings (Bridge 3A)	5,040	POUND	\$ _____	\$ _____
602.0109	Reinforcing Steel for Pier Cap (Bridge 3)	5,750	POUND	\$ _____	\$ _____
602.0110	Reinforcing Steel for Pier Columns (Bridge 3)	3,000	POUND	\$ _____	\$ _____
602.0111	Reinforcing Steel for Pier Pile Cap (Bridge 3)	8,250	POUND	\$ _____	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
602.0112	Reinforcing Steel for Approach Slabs (Bridge 3)	20,800	POUND	\$ _____	\$ _____
602.0113	Reinforcing Steel for Approach Slabs (Bridge 3A)	20,800	POUND	\$ _____	\$ _____
602.0114	Reinforcing Steel for Deck Topping Slab and Edge Beams (Bridge 3)	35,700	POUND	\$ _____	\$ _____
602.0115	Reinforcing Steel for Deck Topping Slab and Edge Beams (Bridge 3A)	29,190	POUND	\$ _____	\$ _____
602.0116	Reinforcing Steel for Channel Liner (Bridge 3)	22,500	POUND	\$ _____	\$ _____
602.0117	Reinforcing Steel for Concrete Railing and End Posts that Extend Into Deck Slabs or Beams (Bridge 3)	500	POUND	\$ _____	\$ _____
602.0118	Reinforcing Steel for Concrete Railing and End Posts that Extend Into Deck Slabs or Beams (Bridge 3A)	450	POUND	\$ _____	\$ _____
602.0119	Reinforcing Steel for Drilled Shafts (Bridge 3)	135,000	POUND	\$ _____	\$ _____
602.0125	Reinforcing Steel for Drilled Shafts (Bridge 3A)	115,000	POUND	\$ _____	\$ _____
602.0130	Reinforcing Steel for By-Pass Road In-Fill Walls	5,000	POUND	\$ _____	\$ _____
602.0140	Reinforcing Steel for By-Pass Road Bridge Abutments	18,000	POUND	\$ _____	\$ _____
603.0010	Bed Course Material For Drainage Pipe	21	C.Y.	\$ _____	\$ _____
603.1010	24-Inch Reinforced Concrete Pipe, Class III	254	L.F.	\$ _____	\$ _____
603.1060	60-Inch Reinforced Concrete Pipe , Class IV	228	L.F.	\$ _____	\$ _____
604.0370	Type B Manholes, 5 feet to 5.99 feet	1	EA	\$ _____	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
604.0371	Type 61614P Grated Drop Inlet, 4.00 feet to 4.99 feet	1	EA	\$ _____	\$ _____
604.0372	Type 61614P Grated Drop Inlet, 5.00 feet to 5.99 feet	1	EA	\$ _____	\$ _____
605.0006	6-Inch Underdrain	1,810	L.F.	\$ _____	\$ _____
605.1000	Type A Underdrain Outlet	10	EA	\$ _____	\$ _____
605.2000	Cleanout	28	EA	\$ _____	\$ _____
606.0100	Guardrail Thrie Beam Transition (Bridge 3)	100	L.F.	\$ _____	\$ _____
606.0110	Guardrail Thrie Beam Transition (Bridge 3A)	100	L.F.	\$ _____	\$ _____
606.3000	Guardrail Portable Barriers	970	LF	\$ _____	\$ _____
606.3100	Guardrail Midwest Guardrail System	720	L.F.	\$ _____	\$ _____
607.0060	6-Feet, Chain Link Fence (w/Top Rail and Fence Post)	30	L.F.	\$ _____	\$ _____
607.0061	6-Feet, Chain Link Fence (w/vinyl lattice, Top Rail and Fence Post)	60	L.F.	\$ _____	\$ _____
607.0062	6-Feet, Vinyl Fence w/5x5 Line, Corner and End Post	220	L.F.	\$ _____	\$ _____
607.0100	6-Feet, Chain Link Fence (at Approches to Temporary By-pass Road Bridge)	150	L.F.	\$ _____	\$ _____
607.0110	6-Feet, Chain Link Fence (along By-pass Raod Road, Bridge 3)	324	LF	\$ _____	\$ _____
607.0200	Dual Galvanized Rolling Vehicle Entry Chain Link Gate	1	EA	\$ _____	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
610.1000	(6-Inch) Reinforced Concrete Driveway	L.S.	L.S.	L.S.	\$ _____
612.0100	Grouted Rubble Paving (Bridge 3)	325	C.Y.	\$ _____	\$ _____
612.0200	Grouted Rubble Paving (Bridge 3A)	40	C.Y.	\$ _____	\$ _____
614.0100	Street Survey Monuments	2	EA	\$ _____	\$ _____
622.1000	Roadway Lighting Luminaire and Bracket Arm On Wood Pole, 98W LED	6	EA	\$ _____	\$ _____
622.1001	Remove Roadway Lighting Luminaire and Bracket Arm	6	EA	\$ _____	\$ _____
622.8000	Temporary Roadway Lighting System	L.S.	L.S.	L.S.	\$ _____
622.8100	HECO Charges for Temporary Roadway Lighting Systems	FA	FA	FA	\$ 2,000.00
624.0100	Water Systems (Temporary-Bypass Road)	L.S.	L.S.	L.S.	\$ _____
624.9000	Water Systems (Farrington Highway)	L.S.	L.S.	L.S.	\$ _____
625.1100	Sewer Systems	L.S.	L.S.	L.S.	\$ _____
626.1000	Sewer Manhole, 5 feet to 5.99 feet	1	EA	\$ _____	\$ _____
626.1100	Adjusting (Water) Standard Valve Box	8	EA	\$ _____	\$ _____
626.2000	(Water) Standard Valve Box	4	EA	\$ _____	\$ _____
629.1000	Pavement Striping (Paint)	4,950	L.F.	\$ _____	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
629.1040	Pavement Word (Paint)	2	EA	\$ _____	\$ _____
629.1041	Pavement Word (Thermoplastic)	1	EA	\$ _____	\$ _____
629.1100	4-Inch Pavement Striping (Thermoplastic)	9,386	L.F.	\$ _____	\$ _____
629.1110	4-Inch Pavement Striping Dbl. Yellow (Paint)	2,260	L.F.	\$ _____	\$ _____
629.1200	4-Inch Pavement Striping Dbl. Yellow (Thermoplastic)	883	L.F.	\$ _____	\$ _____
629.1300	4-Inch Pavement Striping Dbl. Yellow, Dashed (Thermoplastic)	200	L.F.	\$ _____	\$ _____
629.1400	12-Inch Pavement Striping (Thermoplastic)	43	L.F.	\$ _____	\$ _____
629.1500	Crosswalk Marking (Thermoplastic)	2	LANE	\$ _____	\$ _____
629.2020	Profiled Thermoplastic Striping	60	L.F.	\$ _____	\$ _____
629.2021	Type C Pavement Marker	152	EA	\$ _____	\$ _____
629.2022	Type D Pavement Marker	112	EA	\$ _____	\$ _____
629.2023	Type F Pavement Marker	1	EA	\$ _____	\$ _____
631.1000	Regulatory Sign (10 Square Feet or Less)	1	EA	\$ _____	\$ _____
631.1100	Bus Stop Sign	2	EA	\$ _____	\$ _____
631.1200	Street Name Sign	2	EA	\$ _____	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
634.0100	Portland Cement Concrete Sidewalk	40	S.Y.	\$ _____	\$ _____
636.0100	E-Construction license	F.A.	F.A.	F.A.	\$ 250,000.00
638.0100	Curb, Type 2D	78	L.F.	\$ _____	\$ _____
638.0200	8-1/2" Concrete Curb for New Guardrail (Bridge 3)	60	L.F.	\$ _____	\$ _____
638.0210	8-1/2" Concrete Curb for New Guardrail (Bridge 3A)	60	L.F.	\$ _____	\$ _____
641.0100	Hydro-mulch seeding	L.S.	L.S.	L.S.	\$ _____
645.0100	Traffic Control	L.S.	L.S.	L.S.	\$ _____
645.2010	Additional Police Officers, Additional Traffic Control Devices and Advertisement	F.A.	F.A.	F.A.	\$ 80,000.00
648.0100	Field-Posted Drawings	L.S.	L.S.	L.S.	\$ _____
650.0100	Curb Ramp, Modified	2	EA	\$ _____	\$ _____
650.1000	Detectable Warning Mat	4	EA	\$ _____	\$ _____
651.1000	HECO Ductline, One 3-Inch PVC Schedule 40, Concrete Encased	90	L.F.	\$ _____	\$ _____
651.2000	HECO Handhole, 2' x 4'	1	Each	\$ _____	\$ _____
651.3001	HECO Pole Riser, 3-Inch	2	Each	\$ _____	\$ _____
651.3002	Remove HECO Pole Riser	2	Each	\$ _____	\$ _____
652.1000	HT Ductline, One 2-Inch PVC, Type GT-42, Concrete Encased	90	L.F.	\$ _____	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
652.2000	HT Handhole, 2' x 4'	1	EA	\$ _____	\$ _____
652.3001	HT Pole Riser, 2-Inch	2	EA	\$ _____	\$ _____
652.3002	Remove HT Pole Riser	2	EA	\$ _____	\$ _____
655.0300	Dumped Riprap (Bridge 3)	2,300	C.Y.	\$ _____	\$ _____
655.0310	Dumped Riprap (Bridge 3A)	655	C.Y.	\$ _____	\$ _____
671.0100	Protection of Endangered Species	F.A.	F.A.	F.A.	\$ 100,000.00
692.0100	Voluntary Partnering	F.A.	F.A.	F.A.	\$ 10,000.00
693.2010	Terminal Impact Attenuator (QuadGuard M10 24")	L.S.	L.S.	L.S.	\$ _____
693.2020	Terminal Impact Attenuator (MSKT-SP-MGS, TL-3)	L.S.	L.S.	L.S.	\$ _____
693.2030	Terminal Impact Attenuator (MSKT-SP-MGS, TL-2)	L.S.	L.S.	L.S.	\$ _____
693.2040	Terminal Impact Attenuator (Inertial Barrier System: Tau-II, Absorb 350 or Other NCHRP 350 Approved; MASH 2016 Approved Crash Cushion)	L.S.	L.S.	L.S.	\$ _____
694.0100	Archeological Monitoring	F.A.	F.A.	F.A.	\$ 250,000.00
696.0100	Field Office Trailer (Not To Exceed \$32,000)	L.S.	L.S.	L.S.	\$ _____
696.1000	Maintenance of Trailers	F.A.	F.A.	F.A.	\$ 50,000.00
698.0100	Training (8 Trainees)	1,000	HOUR	\$ _____	\$ _____

PROPOSAL SCHEDULE

ITEM NO.	ITEM DESCRIPTION	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
699.1000	Mobilization (Not to Exceed 6 percent of the Sum of All Items Excluding the Bid Price of This Item).	L.S.	L.S.	L.S.	\$ _____
	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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Contractor's RFI:

1. Thank you for posting information/revisions in Addendum #4, but for this one I don't see a change to the call out for Channelizing device or detail? Do you have a detail for Channelization device for callout on sheet 45?

Plan sheet 45 has been revised to callout the required device.

2. Addendum #4 added pavement wording on sheet # 45, 46 and 48. The pavement wording on sheet # 45 and 46 are temporary and therefore paint material. The pavement wording on sheet # 48 is permanent and therefore thermoplastic material. Bid item 629.1040 accounts for 1ea of the 2ea temporary condition. Currently there is no bid item for the permanent condition.

Please confirm a qty of 2ea for bid item 629.1040.

Please confirm a new bid item will be added for the permanent pavement wording.

The proposal schedule has been revised.

3. In regards to bid item 698.0100 and spec section 698, there is no way of determining the number of apprentices for each trade that will be on the job at this stage. In order to create a level playing field for all bidder, please make this bid item a force account item.

Please bid accordingly.

4. On sheet E0.4 Hawaiian Electric Note #16 states, "Contractor shall furnish his schedule 6 months prior to starting work on Hawaiian Electric Facilities. Contractor shall give Hawaiian Electric, in writing, 3 months' notice to proceed with Hawaiian Electric's portion of work." In relation to HECO's scope, the project requires HECO to relocate power to a temporary configuration then relocate power back to a permanent configuration. Given HECO's stated timeline and a contract duration of 310 working days there will be delay impacts outside the control of the contractor. The impact will be both contract time and time related overhead (TRO) due to the 3rd party delay. Please provide an additional 270 calendar days to the contract duration for the HECO Notification Timeline.

Department of Transportation, HWY-O will coordinate the utility work as part of the Construction Management.

5. On sheet C2.2 note 6 states "Portion of the existing waterline (abandoned) utilized by SIC. Contractor shall verify location of existing SIC fiber optic cable prior to removal of existing waterline".

Please confirm the limits of the existing waterline currently occupied by SIC.

Please provide SIC utility agreement. Please confirm SIC will remove their cable

and that HDOT will cover the associated cost.

The location of the SIC line is shown on the construction drawings. The portion of existing abandoned waterline occupied by the SIC line should not be impacted by the project. There is no utility agreement with SIC. Removal or relocation of the SIC line is not anticipated.

6. On sheet C2.2 there are callouts to demolish and remove existing W8. The callouts point to 3 each crossings on Farrington Hwy and 1ea run along the entire mauka side of Farrington Hwy. Bid item 202.0211 Removal of 8-Inch waterline has a bid qty of 85 LF, this qty is **significantly** less than the lineal footage of 8-inch waterline demo and removal called out in sheet No. C2.2. Please revise bid qty.

The proposal schedule has been revised.

7. Bid Item 638.0100 is repeated with two different Item descriptions. Please revise the bid item numbers.

The proposal schedule has been revised.

8. Bid Item 505.0501 refers to Bridge 3. Please revise bid item to refer to Bridge 3 Bypass.

The proposal schedule has been revised.

9. Bid Item 505.0510 has the same description as 505.0500. Please revise bid item 505.0510 to say "Bridge 3 Bypass Structural Steel Sheet Piles Furnished and Installed.

The proposal schedule has been revised.

10. Due to the untimely push of the bid date from before the holidays to right between Christmas and New Year's Holiday there is a potential issue with getting quotes in a timely and competitive manner due to people being out on vacation during the holidays. Please push the bid a week to Friday Jan 8.

The bid date will not be extended.