

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

ADDENDUM NO. 1

for

**INSTALLATION AND REPLACEMENT OF SIGNS AT VARIOUS LOCATIONS
ISLANDS OF MAUI, MOLOKAI, AND LANAI
FEDERAL AID PROJECT NO. STP-0900(094)**

The following amendments shall be made to the Bid Documents:

A. TABLE OF CONTENTS

- i. Replace Table of Contents dated 5/18/2020 with the attached Table of Contents dated r8/25/2020.

B. SPECIAL PROVISIONS

- i. Replace Special Provision Section 103 dated 7/29/2020 with the attached Special Provision Section 103 dated r8/24/2020.
- ii. Replace Special Provision Section 630 dated 5/21/2020 with the attached Special Provision Section 630 dated r8/25/2020.
- iii. Replace Special Provision Section 656 dated 2/09/17 with the attached Special Provision Section 656 dated r8/25/2020.
- iv. Insert the attached Special Provision Section 699 – Mobilization dated r8/25/2020.
- v. Replace the Federal Wage Rates dated 04/03/2020 with the attached Federal Wage Rates dated 07/24/2020.

C. PROPOSAL SCHEDULE

- i. Replace Proposal Schedule pages P-12 through P-20 dated 6/6/2020 with the attached revised Proposal Schedule pages P-12 to P-20 dated r8/25/2020.

D. PRE-BID MEETING MINUTES

- i. Prebid Meeting was held on August 14, 2020 at 10 am. No bidders attended the meeting.

Addendum No. 1
r8/25/2020

E. ANSWERS TO RFIs/QUESTIONS FROM PROSPECTIVE BIDDERS

- i. Attached are a list of questions submitted via HlePRO with responses for your information.

Please acknowledge receipt of this Addendum No.1 by recording the date of its receipt in the space provided on page P-4 of the Proposal.



JADE T. BUTAY
Director of Transportation

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Required Federal-Aid Contract Provisions

Special Provisions Title Page

Special Provisions:

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631	Traffic Control Regulatory, Warning, and Miscellaneous Signs	631-1a
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Labor and Material Payment Bond	
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END OF TABLE OF CONTENTS

1 Make this section a part of the Standard Specifications:
2

3 **“SECTION 103 - AWARD AND EXECUTION OF CONTRACT**
4
5

6 **103.01 Consideration of Proposals.** The Department will compare the
7 proposals in terms of the summation of the products of the approximate quantities
8 and the unit bid prices after the submittal date and time established in HlePRO. If
9 a discrepancy occurs between the unit bid price and the bid price, the unit bid price
10 shall govern.
11

12 The “Buy America” provisions in the Surface Transportation Assistance Act
13 of 1982 is applicable to Federal-aid projects. Bidders may submit a bid based upon
14 the furnishing and use of domestic steel or foreign steel. Manufacturing processes
15 for domestic steel shall occur in the United States.
16

17 The Department reserves the right to reject proposals, waive technicalities or
18 advertise for new proposals, if the rejection, waiver, or new advertisement favors
19 the Department.
20

21 **103.02 Award of Contract.** The award of contract, if it be awarded, will be made
22 within 60 calendar days after the opening of bids, to the lowest responsible
23 bidder whose proposal complies with all the requirements through HlePRO.
24 Separate contracts will be awarded for each area. If a bidder is determined the
25 lowest bidder for multiple areas, those multiple areas will be awarded under one
26 combined contract. The successful bidder will be notified by letter mailed to the
27 address shown in its proposal, that its proposal has been accepted, and that it
28 has been awarded the contract.
29

30 **(1) Requirement for Award.** To be eligible for award, the apparent
31 low bidder will be contacted to submit copies of the documents listed
32 below to demonstrate compliance with HRS Section 103D-310(c). The
33 documents should be submitted to the Department as soon as possible.
34 If a valid certificate/clearance is not submitted on a timely basis for award
35 of a contract, a bidder otherwise responsive and responsible may not
36 receive the award. See also Subsection 108.03 – Preconstruction Data
37 Submittal.
38

39 **(A) Tax Clearance.** Pursuant to HRS Sections 103D-310(c), 103-53 and
40 103D-328, the successful bidder shall be required to submit a certified copy
41 of its tax clearance issued by the Hawaii State Department of Taxation
42 (DOTAX) and the Internal Revenue Service (IRS) to demonstrate its
43 compliance with HRS Chapter 237. A tax clearance is valid for six (6) months
44 from the most recent approval stamp date on the tax clearance and must be
45 valid on the bid’s first legal advertisement date or any date thereafter up to
46 the bid opening date.

FORM A6, TAX CLEARANCE CERTIFICATE, is available at the following website:

<http://www.hawaii.gov/tax/>

To receive DOTAX Forms by fax or mail, phone (808) 587-7572 or 1-800-222-7572.

The application for the Tax Clearance Certificate is the responsibility of the bidder and must be submitted directly to the DOTAX or IRS. The approved certificate may then be submitted to the Department.

(B) DLIR Certificate of Compliance. Pursuant to HRS Section 103D-310(c), the successful bidder shall be required to submit a copy (faxed copies are acceptable) of its approved certificate of compliance issued by the Hawaii State Department of Labor and Industrial Relations (DLIR) to demonstrate its compliance with unemployment insurance (HRS Chapter 383), workers' compensation (HRS Chapter 386), temporary disability insurance (HRS Chapter 392), and prepaid health care (HRS Chapter 393). The certificate is valid for six (6) months from the most recent approval stamp date on the certificate and must be valid on the bid's first legal advertisement date or any date thereafter up to the bid opening date. For certificates which receive a "pending" approval stamp, a DLIR approval stamp is required prior to the issuance of the Notice to Proceed.

FORM LIR#27, APPLICATION FOR CERTIFICATE OF COMPLIANCE WITH SECTION 3-122-112, HAR, is available at the following website:

www.hawaii.gov/labor

More information is available by calling the DLIR Unemployment Insurance Division at (808) 586-8926.

Inquiries regarding the status of a LIR#27 Form may be made by calling the DLIR Disability Compensation Division at (808) 586-9200.

The application for the Certificate of Compliance is the responsibility of the bidder and must be submitted directly to the DLIR. The approved certificate may then be submitted to the Department.

(C) DCCA Certificate of Good Standing. Pursuant to HRS Section 103D-310(c), the successful bidder shall be required to submit a copy (faxed copies are acceptable) of its approved Certificate of Good Standing issued by the Hawaii State Department of Commerce and Consumer Affairs (DCCA), Business Registration Division (BREG) to demonstrate that it is either:

(1) Incorporated or organized under the laws of the State; or

(2) Registered to do business in the State as a separate branch or division that is capable of fully performing under the contract.

The Certificate of Good Standing is valid for six (6) months from the approval date on the certificate and must be valid on the bid's first legal advertisement date or any date thereafter up to the bid opening date. A Hawaii business that is a sole proprietorship, however, is not required to register with the BREG, and therefore not required to submit a Certificate of Good Standing. Bidders are advised that there are costs associated with registering and obtaining a Certificate of Good Standing from the DCCA.

To purchase a CERTIFICATE OF GOOD STANDING, go to On-Line Services at the following website:

www.hawaii.gov/dcca/

The application for the Certificate of Good Standing is the responsibility of the bidder and must be submitted directly to the DCCA. The approved certificate may then be submitted to the Department.

(D) Hawaii Compliance Express (HCE). In lieu of the certificates referenced above, the bidder may make available proof of compliance through the Hawaii Compliance Express or any other designated certification process. Bidders may apply and register at the "Hawaii Compliance Express" website:

<https://vendors.ehawaii.gov/hce/splash/welcome.html>

This contract to be awarded is considered a requirement contract as the sign installation and replacement by the Contractor will be made on an "as needed" basis during the 12-month contract period. The State gives no assurance as to the number of services it will purchase.

The bidder must maintain an office on the Island of Maui to be awarded the Contract.

103.03 Cancellation of Award. The Department reserves the right to cancel the award of contracts before the execution of said contract by the parties. There will be no liability to the awardee and to other bidders.

103.04 Return of Proposal Guaranty. The Department will return the proposal guaranties, except those of the three lowest bidders, after the Department checks the proposals. The Department will return the proposal guaranties of the

remaining two lowest bidders not awarded the contract within five working days following the execution of the contract. The Department will return the successful bidder's proposal guaranty after the successful bidder furnishes a bond and executes the contract.

103.05 Requirement of Contract Bond. At the time of execution of the contract, the successful bidder shall file a good and sufficient performance bond and a payment bond on the forms furnished by the Department conditioned for the full and faithful performance of the contract in accordance with the terms and intent thereof and for the prompt payment to all others for all labor and material furnished by them to the bidder and used in the prosecution of the work provided for in the contract. The contract bond required shall be furnished by the Contractor for the term of the contract (12 months). The bond of the contract shall be submitted to the State, or such additional time as may be granted by the State. Such bond for each extended year may be extensions of the original bond by endorsements thereto. The bidder shall limit the acceptable performance and payment bonds to the following:

(a) Legal tender;

(b) Surety bond underwritten by a company licensed to issue bonds in the State of Hawaii; or

(c) A certificate of deposit; share certificate; cashier's check; treasurer's check, teller's check drawn by or a certified check accepted by and payable on demand to the State by a bank savings institution or credit union insured by the Federal Deposit Insurance Corporation (FDIC) or the National Credit Union Administration (NCUA).

1. The bidder may use these instruments only to a maximum of \$100,000.

2. If the required security or bond amount totals over \$100,000 more than one instrument not exceeding \$100,000 each and issued by different financial institutions shall be acceptable.

Such bonds shall also by the terms inure to the benefit of any and all persons entitled to file claims for labor done or material furnished in the work so as to give them a right of action as contemplated by HRS Section 103D-324.

In as much as the contract to be executed is a price-term, open end, or requirements contract under which the contract price or total amount to be paid that Contractor cannot be determined at the time the contract is executed, the performance and payment bond amounts required for the work at each Area shall be as follows:

<u>Proposal</u>	<u>Security Amount</u>
A – Area 1	\$500,000.00
B – Area 2	\$500,000.00
C – Area 3	\$500,000.00

103.06 Execution of the Contract. The contract bond and HRS Chapter 104 - Compliance Certificate, similar to a copy of the same annexed hereto, shall be executed by the successful bidder and returned within ten days after the award of the contract or within such further time as the Director may allow after the bidder has received the contract for execution.

The contract shall not bind the Department unless said parties execute the contract and the Director of Finance endorses the bidder's certificate in accordance with HRS Section 103-39.

103.07 Failure to Execute Contract. Failure to execute the contract and file acceptable bonds shall be cause for the cancellation of the award in accordance with Subsection 103.06 - Execution of the Contract. Also, the Contractor forfeits the proposal guaranty which becomes the property of the Department. This is not a penalty, but liquidated damages sustained by the State. The Department may then make award to the next lowest responsible bidder or the Department may readvertise and construct the work under contract."

END OF SECTION 103

1 **SECTION 630 – TRAFFIC CONTROL GUIDE SIGNS**

2
3 Make the following amendment to said Section:

4
5 **(I) Amend Section 630.02 Materials**, by replacing lines 28 to 29 to read:

6
7 “Retroreflective sheeting shall conform to criteria listed in ASTM D 4956
8 for the applicable type and class, or as amended in accordance with Subsection
9 750.01 - Signs.”

10
11 **(II) Amend Section 630.04 - Measurement**, by replacing lines 204 to 221 to
12 read:

13
14 **“630.04 Measurement.** The Engineer will measure destination sign panels
15 by the square foot of sign face.

16
17 The Engineer will measure galvanized steel (I-Beam), route marker
18 assembly, street name sign, and advanced street name plaque per pay unit as
19 shown in the proposal schedule.

20
21 When the Engineer accepts an alternative design, the method of
22 measurement for the various contract items affected by the design shall be
23 identical with the various original contract items shown in the contract. The
24 Engineer will not measure the additional items that the Contractor requires for the
25 alternate design.

26
27 The Engineer will not measure removal and disposal and storing of existing
28 and temporary signs and markers that the Contractor will not incorporate in the
29 completed highway for payment.”

30
31 **(IV) Amend Subsection 630.05 – Payment** by revising lines 253 to 296 to read
32 as follows:

33
34 “Destination Sign - _____ Square Foot
35
36 Galvanized Steel (____ I-Beam) for _____ Each
37
38 Street Name Sign _____ Each
39
40 Advanced Street Name Plaque _____ Each
41
42 Type _____ Route Marker Assembly Each

43
44 When the Engineer accepts an alternate design, the total amount paid
45 shall be full compensation for furnishing and installing materials and furnishing
46 equipment, tools, labors, and incidentals necessary to complete the work. The
47 Engineer will not make payment for additional materials, equipment, tools, labor

48 and other incidentals that might become necessary to complete the installation
49 due to the alternate design.”
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END OF SECTION 630

1 Make the following section a part of the Standard Specifications:
2

3 **“SECTION 656 – DRIVER FEEDBACK SPEED SIGN**
4

5 **656.01 Description.** This section describes furnishing and installing a speed
6 measurement and display system with post, foundation, mounting assembly, solar
7 panel assembly, battery housing assembly, and incidental work necessary to
8 complete the work.
9

10 **656.02 Materials.**

11 **(A) General.** The driver feedback speed sign is a dynamic numeric sign
12 that gives motorists passing through a speed zone, real time feedback
13 as to their vehicle’s speed via radar speed detection.
14

- 15 **(1)** Sign Background: The sign background surface shall be
16 fluorescent yellow or equivalent;
- 17 **(2)** Lettering: “YOUR SPEED” shall be printed in two lines
18 using 6” high letters;
19
- 20 **(3)** Sign material shall be 0.1875” aluminum;
21
- 22 **(4)** Housing shall be provided with tamper proof fasteners;
23
- 24 **(5)** Housing shall be weather proof to NEMA 3R specifications
25 or better and be of non-sealed, ventilated type to prevent
26 accumulation of moisture.
27

28 **(B) Display**
29

- 30 **(1)** Numeric characters shall be 17” in height;
31
 - 32 **(2)** Light intensity shall adjust automatically to provide optimum
33 view ability under all ambient light conditions;
34
 - 35 **(3)** Numeric speed display portion of sign shall be designed to
36 avoid distracting the attention of motorists away from the
37 road, by prevention of viewing from acute angles outside
38 the motorist’s normal forward field of view. Viewable area
39 shall enclose an area up to a maximum included angle of
40 30 degrees from the roadside;
41
 - 42 **(4)** The display shall operate in two modes: Steady numeric
43 character and/with a portion of the pixel flashing over
44 speed;
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- (5) Sign shall be visible from up to 1,000 feet;
- (6) The display shall have a two (2) year parts warranty.

(C) Solar Power

- (1) Solar powered signs shall be capable of fully autonomous operation 24 hours per day, 365 days per year;
- (2) Solar panels shall be 12 volt industry standard items.

656.03 Construction. Driver feedback speed signs shall be installed per manufacturer's recommendations.

656.04 Measurement. Driver feedback speed signs will be paid per each in accordance with contract documents.

656.05 Payment. The Engineer will pay for accepted pay items below at contract price per each, as shown in proposal schedule. Payment will be full compensation for furnish and installing driver feedback speed signs, in place complete, including all material, labor, equipment, tools and incidentals necessary to complete the work.

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

Pay Item	Pay Unit
Driver Feedback Speed Sign	Each"

END OF SECTION 656

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(I) Amend **699.03 Applicability** by revising from lines 21 to 24 to read as follows:

(II) Amend 699.05 Payment by revising from lines 44 to 47 to read as follows:

“Mobilization (Not to exceed 6 percent of the sum of all items excluding the bid price of this item) Lump Sum”

END OF SECTION 699

"General Decision Number: HI20200001 07/24/2020

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

ASBE0132-001 08/31/2015

	Rates	Fringes
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

BOIL0627-005 01/01/2013

	Rates	Fringes
BOILERMAKER.....	\$ 35.20	27.35

BRHI0001-001 01/01/2019

	Rates	Fringes
BRICKLAYER		
Bricklayers and Stonemasons..	\$ 43.66	24.32
Pointers, Caulkers and Weatherproofers.....	\$ 43.60	24.32

BRHI0001-002 09/04/2018

	Rates	Fringes
Tile, Marble & Terrazzo Worker		
Terrazzo Base Grinders.....	\$ 39.89	28.11
Terrazzo Floor Grinders and Tenders.....	\$ 38.34	28.11
Tile, Marble and Terrazzo Workers.....	\$ 41.70	28.11

CARP0745-001 09/02/2019

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.....	\$ 49.95	22.40
Millwrights and Machine Erectors.....	\$ 50.20	22.40
Power Saw Operators (2 h.p. and over).....	\$ 50.10	22.40

CARP0745-002 09/02/2019

	Rates	Fringes
Drywall and Acoustical Workers and Lathers.....	\$ 50.20	22.40

ELEC1186-001 02/23/2020

	Rates	Fringes
Electricians:		
Cable Splicers.....	\$ 56.43	29.74
Electricians.....	\$ 51.30	28.36
Telecommunication worker....	\$ 31.69	12.94

ELEC1186-002 02/23/2020

	Rates	Fringes
Line Construction:		
Cable Splicers.....	\$ 56.43	29.74
Groundmen/Truck Drivers.....	\$ 38.48	24.88
Heavy Equipment Operators...	\$ 46.17	26.96
Linemen.....	\$ 51.30	28.36
Telecommunication worker....	\$ 31.69	12.49

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; Signalman; Switchman; Highline Cableway Signalman; 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
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 09/01/2019

	Rates	Fringes
Ironworkers:.....\$ 41.50		37.55
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 09/02/2019

	Rates	Fringes
Laborers:		
Driller.....\$ 39.05		21.52
Final Clean Up.....\$ 29.25		17.22
Guniting/Shotcrete Operator and High Scaler.....\$ 38.55		21.52
Laborer I.....\$ 38.05		21.52
Laborer II.....\$ 35.45		21.52
Mason Tender/Hod Carrier....\$ 38.55		21.52
Powderman.....\$ 39.05		21.52
Window Washer (bosun chair).\$ 37.55		21.52

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, establishing 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); Gunite/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 waterponds, 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; Sheet 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 and false work.

LABO0368-002 09/02/2019

	Rates	Fringes
Landscape & Irrigation Laborers		
GROUP 1.....	\$ 26.15	13.45
GROUP 2.....	\$ 27.15	13.45
GROUP 3.....	\$ 21.55	13.45

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 peformance of other types of gardening, yardman, and horticultural-related work.

LAB00368-003 09/02/2019

Rates

Fringes

Underground Laborer

GROUP 1.....	\$ 38.65	21.47
GROUP 2.....	\$ 40.15	21.47
GROUP 3.....	\$ 40.65	21.47
GROUP 4.....	\$ 41.65	21.47
GROUP 5.....	\$ 41.90	21.47
GROUP 6.....	\$ 42.00	21.47
GROUP 7.....	\$ 42.25	21.47

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 01/01/2020

	Rates	Fringes
Painters:		
Brush.....	\$ 38.90	30.59
Sandblaster; Spray.....	\$ 38.90	30.59

* PAIN1889-001 07/01/2020

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

PAIN1926-001 03/03/2019

	Rates	Fringes
Soft Floor Layers.....	\$ 34.15	29.32

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 01/05/2020

	Rates	Fringes
Plumber, Pipefitter, Steamfitter & Sprinkler Fitter...	\$ 46.63	27.38

ROOF0221-001 09/01/2019

	Rates	Fringes
Roofers (Including Built Up, Composition and Single Ply).....	\$ 41.15	18.98

SHEE0293-001 09/02/2018

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

SUHI1997-002 09/15/1997

	Rates	Fringes
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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.

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END OF GENERAL DECISION"

PROPOSAL SCHEDULE - AREA 1 (MAUI)

ITEM NO.	ITEM OF WORK	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.0100	Rectangular Rapid Flashing Beacon System, Complete in Place	24	EA	\$ _____	\$ _____
630.2010	Destination Sign - 50 SF or Less	11,040	SF	\$ _____	\$ _____
630.2031	Galvanized Steel (W8x18 I-Beam) for Ground Mounted Destination Sign - 15 LF or Less	24	EA	\$ _____	\$ _____
630.2032	Galvanized Steel (W8x18 I-Beam) for Ground Mounted Destination Sign - Greater than 15 LF	2	EA	\$ _____	\$ _____
630.3010	Street Name Sign - 2 SF or Less	116	EA	\$ _____	\$ _____
630.3011	Street Name Sign - Greater than 2 SF	2	EA	\$ _____	\$ _____
630.3030	Street Name Sign on Overhead Mast Arm - 10 SF or Less	61	EA	\$ _____	\$ _____
630.3031	Street Name Sign on Overhead Mast Arm - Greater than 10 SF	4	EA	\$ _____	\$ _____
630.3040	Advanced Street Name Plaque (1-Line)	25	EA	\$ _____	\$ _____
630.3041	Advanced Street Name Plaque (2-Line)	4	EA	\$ _____	\$ _____
630.4010	Type "A" Route Marker Assembly	24	EA	\$ _____	\$ _____
630.4020	Type "B" Route Marker Assembly	24	EA	\$ _____	\$ _____
631.5100	Regulatory Sign - 2 SF or Less	2	EA	\$ _____	\$ _____
631.5101	Regulatory Sign - Greater than 2 SF up to 10 SF	715	EA	\$ _____	\$ _____

ITEM NO.	ITEM OF WORK	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
631.5102	Regulatory Sign - Greater than 10 SF	47	EA	\$ _____	\$ _____
631.5200	Warning Sign - 2 SF or Less	13	EA	\$ _____	\$ _____
631.5201	Warning Sign - Greater than 2 SF up to 10 SF	1,093	EA	\$ _____	\$ _____
631.5202	Warning Sign - Greater than 10 SF	17	EA	\$ _____	\$ _____
631.5300	Information Sign - 2 SF or Less	6	EA	\$ _____	\$ _____
631.5301	Information Sign - Greater than 2 SF	17	EA	\$ _____	\$ _____
631.5400	Miscellaneous Sign - 2 SF or Less	79	EA	\$ _____	\$ _____
631.5401	Miscellaneous Sign - Greater than 2 SF up to 10 SF	241	EA	\$ _____	\$ _____
631.5402	Miscellaneous Sign - Greater than 10 SF	7	EA	\$ _____	\$ _____
631.5510	Bike Route Sign and Supplemental Plaque(s) with Post	44	EA	\$ _____	\$ _____
631.8101	Flanged Channel Post and Anchor Base (2.50 lbs/ft.)	30	EA	\$ _____	\$ _____
631.8111	Flanged Channel Post and Anchor Base (4.00 lbs/ft.) - 11 LF or Less	30	EA	\$ _____	\$ _____
631.8112	Flanged Channel Post and Anchor Base (4.00 lbs/ft.) - Greater than 11 LF	30	EA	\$ _____	\$ _____
631.8201	Square Tube Post and Anchor Base (2 Inch)	1,850	EA	\$ _____	\$ _____
631.8211	Square Tube Post and Anchor Base (2-1/2 Inch) - 11 LF or Less	2	EA	\$ _____	\$ _____

ITEM NO.	ITEM OF WORK	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
631.8212	Square Tube Post and Anchor Base (2-1/2 Inch) - Greater than 11 LF	5	EA	\$ _____	\$ _____
632.7500	Mile Post Marker with Route Number Plate and Post - 2 SF or Less	38	EA	\$ _____	\$ _____
632.7520	Mile Post Marker with Route Number Plate and Post (Bi-Directional) - 2 SF or Less	71	EA	\$ _____	\$ _____
632.7521	Mile Post Marker with Route Number Plate and Post (Bi-Directional) - Greater than 2 SF	49	EA	\$ _____	\$ _____
632.7600	Type II Object Marker	1,178	EA	\$ _____	\$ _____
632.7610	Type III Object Marker	72	EA	\$ _____	\$ _____
632.7702	Reflector Marker with Galvanized Steel Post(s) - RM-3	180	EA	\$ _____	\$ _____
632.7712	Reflector Marker with Type A Delineator - RM-3	180	EA	\$ _____	\$ _____
632.7722	Reflector Marker with Type B Delineator - RM-3	180	EA	\$ _____	\$ _____
632.7730	Reflector Marker on W-beam Guardrail - RM-5	300	EA	\$ _____	\$ _____
645.0100	Traffic Control (Shoulder Closure, per day)	1	EA	\$ _____	\$ _____
645.0200	Traffic Control (Lane Shift, per day)	1	EA	\$ _____	\$ _____
645.0300	Traffic Control (Single-Lane Closure, per day)	1	EA	\$ _____	\$ _____
645.1000	Electronic Message Board (per Day)	2	EA	\$ _____	\$ _____

ITEM NO.	ITEM OF WORK	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
656.0100	Driver Feedback Speed Sign	12	EA	\$ _____	\$ _____
694.0100	Longitudinal Channelizing Curb System	360	LF	\$ _____	\$ _____
Sum of All Items - Area 1					\$ _____
NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bids.					

PROPOSAL SCHEDULE - AREA 2 (MOLOKAI)

ITEM NO.	ITEM OF WORK	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
621.0100	Rectangular Rapid Flashing Beacon System, Complete in Place	5	EA	\$ _____	\$ _____
630.2010	Destination Sign - 50 SF or Less	1,620	SF	\$ _____	\$ _____
630.3010	Street Name Sign - 2 SF or Less	54	EA	\$ _____	\$ _____
630.3040	Advanced Street Name Plaque (1-Line)	2	EA	\$ _____	\$ _____
630.3041	Advanced Street Name Plaque (2-Line)	2	EA	\$ _____	\$ _____
630.4010	Type "A" Route Marker Assembly	23	EA	\$ _____	\$ _____
630.4020	Type "B" Route Marker Assembly	7	EA	\$ _____	\$ _____
631.5100	Regulatory Sign - 2 SF or Less	8	EA	\$ _____	\$ _____
631.5101	Regulatory Sign - Greater than 2 SF up to 10 SF	214	EA	\$ _____	\$ _____
631.5200	Warning Sign - 2 SF or Less	10	EA	\$ _____	\$ _____
631.5201	Warning Sign - Greater than 2 SF up to 10 SF	293	EA	\$ _____	\$ _____
631.5400	Miscellaneous Sign - 2 SF or Less	31	EA	\$ _____	\$ _____
631.5401	Miscellaneous Sign - Greater than 2 SF up to 10 SF	80	EA	\$ _____	\$ _____
631.8101	Flanged Channel Post and Anchor Base (2.50 lbs/ft.)	24	EA	\$ _____	\$ _____

ITEM NO.	ITEM OF WORK	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
631.8111	Flanged Channel Post and Anchor Base (4.00 lbs/ft.) - 11 LF or Less	24	EA	\$ _____	\$ _____
631.8112	Flanged Channel Post and Anchor Base (4.00 lbs/ft.) - Greater than 11 LF	24	EA	\$ _____	\$ _____
631.8201	Square Tube Post and Anchor Base (2 Inch)	457	EA	\$ _____	\$ _____
631.8211	Square Tube Post and Anchor Base (2-1/2 Inch) - 11 LF or Less	6	EA	\$ _____	\$ _____
632.7520	Mile Post Marker with Route Number Plate and Post (Bi-Directional) - 2 SF or Less	41	EA	\$ _____	\$ _____
632.7521	Mile Post Marker with Route Number Plate and Post (Bi-Directional) - Greater than 2 SF	18	EA	\$ _____	\$ _____
632.7600	Type II Object Marker	874	EA	\$ _____	\$ _____
632.7610	Type III Object Marker	70	EA	\$ _____	\$ _____
632.7702	Reflector Marker with Galvanized Steel Post(s) - RM-3	120	EA	\$ _____	\$ _____
632.7712	Reflector Marker with Type A Delineator - RM-3	120	EA	\$ _____	\$ _____
632.7722	Reflector Marker with Type B Delineator - RM-3	120	EA	\$ _____	\$ _____
632.7730	Reflector Marker on W-beam Guardrail - RM-5	180	EA	\$ _____	\$ _____
645.0100	Traffic Control (Shoulder Closure, per day)	1	EA	\$ _____	\$ _____
645.0200	Traffic Control (Lane Shift, per day)	1	EA	\$ _____	\$ _____

ITEM NO.	ITEM OF WORK	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
645.0300	Traffic Control (Single-Lane Closure, per day)	1	EA	\$ _____	\$ _____
645.1000	Electronic Message Board (per Day)	2	EA	\$ _____	\$ _____
656.0100	Driver Feedback Speed Sign	5	EA	\$ _____	\$ _____
694.0100	Longitudinal Channelizing Curb System	90	LF	\$ _____	\$ _____
699.1000	Mobilization (Not to exceed 6 percent of the sum of all items excluding the bid price of this item)	LS	LS	\$ _____	\$ _____
Sum of All Items - Area 2					\$ _____
NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bids.					

PROPOSAL SCHEDULE - AREA 3 (LANAI)

ITEM NO.	ITEM OF WORK	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
630.2010	Destination Sign - 50 SF or Less	540	SF	\$ _____	\$ _____
630.3010	Street Name Sign - 2 SF or Less	5	EA	\$ _____	\$ _____
630.4010	Type "A" Route Marker Assembly	7	EA	\$ _____	\$ _____
630.4020	Type "B" Route Marker Assembly	1	EA	\$ _____	\$ _____
631.5101	Regulatory Sign - Greater than 2 SF up to 10 SF	56	EA	\$ _____	\$ _____
631.5201	Warning Sign - Greater than 2 SF up to 10 SF	76	EA	\$ _____	\$ _____
631.5400	Miscellaneous Sign - 2 SF or Less	14	EA	\$ _____	\$ _____
631.5401	Miscellaneous Sign - Greater than 2 SF up to 10 SF	20	EA	\$ _____	\$ _____
631.8101	Flanged Channel Post and Anchor Base (2.50 lbs/ft.)	10	EA	\$ _____	\$ _____
631.8111	Flanged Channel Post and Anchor Base (4.00 lbs/ft.) - 11 LF or Less	10	EA	\$ _____	\$ _____
631.8112	Flanged Channel Post and Anchor Base (4.00 lbs/ft.) - Greater than 11 LF	10	EA	\$ _____	\$ _____
631.8201	Square Tube Post and Anchor Base (2 Inch)	122	EA	\$ _____	\$ _____
632.7520	Mile Post Marker with Route Number Plate and Post (Bi-Directional) - 2 SF or Less	29	EA	\$ _____	\$ _____

ITEM NO.	ITEM OF WORK	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
632.7521	Mile Post Marker with Route Number Plate and Post (Bi-Directional) - Greater than 2 SF	5	EA	\$ _____	\$ _____
632.7600	Type II Object Marker	148	EA	\$ _____	\$ _____
632.7702	Reflector Marker with Galvanized Steel Post(s) - RM-3	30	EA	\$ _____	\$ _____
632.7712	Reflector Marker with Type A Delineator - RM-3	30	EA	\$ _____	\$ _____
632.7722	Reflector Marker with Type B Delineator - RM-3	30	EA	\$ _____	\$ _____
632.7730	Reflector Marker on W-beam Guardrail - RM-5	60	EA	\$ _____	\$ _____
645.0100	Traffic Control (Shoulder Closure, per day)	1	EA	\$ _____	\$ _____
645.0200	Traffic Control (Lane Shift, per day)	1	EA	\$ _____	\$ _____
645.0300	Traffic Control (Single-Lane Closure, per day)	1	EA	\$ _____	\$ _____
645.1000	Electronic Message Board (per Day)	2	EA	\$ _____	\$ _____
694.0100	Longitudinal Channelizing Curb System	36	LF	\$ _____	\$ _____
699.1000	Mobilization (Not to exceed 6 percent of the sum of all items excluding the bid price of this item)	LS	LS	\$ _____	\$ _____
Sum of All Items - Area 3					\$ _____
NOTE: Bidders must complete all unit prices and amounts. Failure to do so may be grounds for rejection of bids.					

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

**Project: INSTALLATION AND REPLACEMENT OF SIGNS AT VARIOUS
LOCATIONS ISLANDS OF MAUI, MOLOKAI AND LANAI
FEDERAL AID PROJECT NO. STP-0900(094)**

The following RFIs/Questions were submitted via HlePRO by prospective bidders. The questions and responses are as follows:

1. For Area 1 (Maui) bid Item numbers 630.2031 Galv Steel (I-Beam) 15LF or Less & 630.2032 Galv Steel (I-Beam) Greater than 15 LF - Can you please provide a singular size of the I-beam post? As there are many different sizes dependent on the size of the destination sign and soil conditions. On standard plans there are seven posts sizes on TE-20B.

Response: The description for Item No. 630.2031 Galvanized Steel (I-Beam) for Ground Mounted Destination Sign - 15 LF or Less and Item No. 630.2032 Galvanized Steel (I-Beam) for Ground Mounted Destination Sign - Greater than 15 LF are revised in Addendum No. 1 to indicate a W8x18 I-Beam.

2. For Area 1 (Maui) bid item #632.7500 Mile Post Marker w/ Route Number Plate and Post - Can you clarify if the sign is 2 SF or less or Greater than 2 SF? Bid Items for the Bid Directional have two separate bid items for the size differential.

Response: Item No. 632.7500 Mile Post Marker with Route Number Plate and Post description has been revised in the proposal schedule in Addendum No. 1. to indicate the sign area to be 2 SF or less.

3. For Area 1 (Maui) bid item #632.7600 Type II Object Markers - Can you please clarify if these markers are going on the sign posts or attached to trees and/or utility poles?

Response: Object markers are used for sign posts, trees, utility posts and other object adjacent to the roadway. Installation shall be directed by the Engineer for each work order

4. For Area 2 (Molokai) bid item #632.7600 Type II Object Markers - Can you please clarify if these markers are going on the sign posts or attached to trees and/or utility poles?

Response: Object markers are used for sign posts, trees, utility posts and other object adjacent to the roadway. Installation shall be directed by the Engineer for each work order.

5. For Area 2 (Molokai) - as this is an IDIQ project, and we do not know the quantities to be provided per work order - can you please provide a pay item for each work order mobilization?

Response: Mobilization Pay item for Area 2 (Molokai) has been included in Addendum No. 1.

6. For Area 3 (Lanai) bid item #632.7600 Type II Object Markers - Can you please clarify if these markers are going on the sign posts or attached to trees and/or utility poles?

Response: Object markers are used for sign posts, trees, utility posts and other object adjacent to the roadway. Installation shall be directed by the Engineer for each work order.

7. For Area 3 (Lanai) - as this is an IDIQ project, and we do not know the quantities to be provided per work order - can you please provide a pay item for each work order mobilization?

Response: Mobilization Pay item for Area 3 (Lanai) has been included in Addendum No. 1.

8. For the electrical items, one of our vendors provided the comment, "There is no NEMA 4R Classification. NEMA 3R Classification is what is described" Can you please clarify?

Response: NEMA classification has been revised to NEMA 3R specifications under Section 656 in Addendum No. 1.

9. Can you please clarify the bid bond for the project? If it needs to be submitted as 1 bid bond for \$12,000 or in 3 separate bid bonds of \$4,000 for each section?

Response: Please refer to page P-3, "In accordance with Section 103D-323, Hawaii Revised Statutes, this proposal is accompanied with a bid security in the amount of \$4,000 per Area."