

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 1

FOR

FREEWAY MANAGEMENT SYSTEM
PHASE 1C, PART 3a
DATA EXPANSION
VARIOUS LOCATIONS
FEDERAL-AID PROJECT NO. STP-0300(145)

DISTRICTS OF HONOLULU AND KOOLAUPOKO
ISLAND OF OAHU
2016

Amend the bid documents as follows:

1. SPECIAL PROVISIONS

- a. Amend Section **683.03 Construction Requirements** by adding the following after line 77:

"Contractor is responsible for programming and configuration of the CCTV cameras."

- b. Amend Section **683.05 Basis of Payment** by replacing lines 108 through 114 with the following:

"683.05 Basis of Payment. The Engineer will pay for accepted installation of the CCTV Camera at contract price per pay unit. The price includes full compensation for mounting the CCTV Camera, temporary traffic control, assembling, wiring, and housing, programming, and configuration of the CCTV camera; testing; coordinating work with manufacturer; and furnishing equipment, tools, labor, materials, and other incidentals necessary to complete the work."

- c. Amend Section **684.03 Construction Requirements** by replacing lines 89 through 96 with the following:

"Should the Engineer determine that the spot speed devices require corrective maintenance, the Contractor shall remove and replace with another spot speed device as directed by the Engineer. The cost of removing and re-

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installing the spot speed device shall be paid for under the force account. The defective spot speed detection assembly's replacement shall be covered by the manufacturer's warranty. Corrective maintenance shall run concurrent with the Contract."

- d. Amend Section **686.03 Construction Requirements** by replacing lines 105 through 112 with the following:

"Should the Engineer determine that the traffic detection devices require corrective maintenance, the Contractor shall remove and replace with another traffic detection device as directed by the Engineer. The cost of removing and re-installing the traffic detection device shall be paid for under the force account. The defective traffic detection assembly's replacement shall be covered by the manufacturer's warranty. Corrective maintenance shall run concurrent with the Contract."

- e. Amend Section **687.03 Construction Requirements** by replacing lines 45 through 48 with the following:

"(B) **Installation.** Contractor is responsible for programming and configuration of the replacement WEB. Unplug the WEB power module and disconnect the WEB from the existing cables at the top of the pole. Remove the existing antenna mounting bracket."

- f. Amend Section **687.05 Basis of Payment** by replacing lines 88 through 94 with the following:

"The Engineer will pay for the accepted replacement of both WEBs at the contract lump sum unit price complete-in-place. The price includes full compensation for submitting the equipment list and drawing; furnishing the mounting bracket and steel banding; assembling, wiring, and housing, programming, and configuration of the WEBs; testing, providing turn-on service; and furnishing equipment, tools, labor, materials, and other incidentals necessary to complete the work."

2. PLANS

- a. Amend Plan Sheet No. 12 to revise the wire size between the existing surface mounted VMS sign with LPR and the adjacent junction box from "2#1/0, #1/0 Gnd in New/Exst. Conduits" to "2#10, #10 Gnd in New/Exst. Conduits."
- b. Amend Plan Sheet No. 17, Detail A, Replace the callout for "Polycarbonate Bracket (2)" with "Polycarbonate or approved equal bracket (2)"
- c. Amend Plan Sheet No. 20, typical luminaire elevation and typical traffic signal elevation details. Replace "Min 7'-0" or per manufacturer's installation

instructions" with "Per manufacturer's installation instructions. Minimum height allowed will be 10'-0"

3. FEDERAL WAGE RATES:

Replace Federal Wage Rates dated 10/14/2016 with the attached Federal Wage Rates dated 11/18/2016

The following is provided for information.

PRE-BID MEETING:

Attached are the November 15, 2016, non-mandatory Pre-Bid meeting minutes and attendance list for your information.

The following questions were asked subsequent to the November 15, 2016 Pre-Bid meeting:

Q: On sheet #12 of the drawings, can the wire size be reduced between the final junction box and the VMS cabinet? This would allow using a smaller wire that would terminate in the VMS cabinet.

A: Yes, this will be addressed in an addendum.

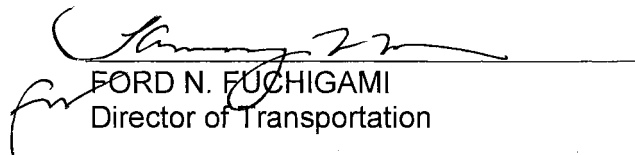
Q: The Wireless Bridge shows a polycarbonate bracket, can an unpainted brass bracket be used as a substitute?

A: Yes, brass can be used as an alternate and will be addressed in an addendum.

Q: Section 686 Traffic Detection System, please clarify that the owner furnished equipment will be preprogrammed for each site and that the Contractor only needs to install.

A: The owner furnished equipment will be preprogrammed for each site.

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


FORD N. FUCHIGAMI
Director of Transportation

PRE-BID MEETING NOTES

Project: Freeway Management System, Phase 1C, Part 3A
Data Expansion Various Locations, Districts of Honolulu and Koolauloko
Island of Oahu
Federal-Aid Project No. STP-0300(145).

Subject: Non-mandatory Pre-Bid Conference

Date/Time: November 15, 2016 / 9:00 AM – 10:00 AM

Held: State Department of Transportation, Highways Division, Room 541,
Kapolei, HI 96707

Present: See attached lists of attendees

Discussed:

A. Reed Matsuo opens meeting at 9:00 A.M.:

1. Meeting is non-mandatory for bidders. Anything said at this meeting is for clarification only. The bid documents shall govern over anything said today and discrepancies shall be clarified by addendum.
2. If you haven't done yet, please sign in.
3. Any discrepancies will be addressed by addendum.
4. Confirmation of DBE forms are due at the time of bid opening.
5. Bidders have until November 17, 2014, 4:30 p.m. to submit any questions.
6. The minutes to this meeting will be distributed via an addendum.
7. Bid opening is scheduled for 2:00 p.m., December 8, 2016.
8. This meeting will be held open until 9:30 A.M. to assure all prospective bidders have the opportunity to attend this Pre-bid meeting.
9. Additional items:

B. Open discussion to prospective bidders:

Q: Are there any SWPPP requirements for this project?

A: As this project does not require ground disturbing activities, the BMP/SWPPP requirements will be limited to the specific device locations/sites and equipment (e.g. spill kits).

- Q: How will the Contractor verify that the owner supplied equipment works prior to installation?
- A: The owner supplied equipment will be bench tested by HDOT prior to being transferred to the Contractor.
- Q: How will the Contractor verify that the spot speed detector is installed correctly/is providing good data? In a previous contract the installer called the manufacturer during installation to verify proper installation.
- A: The Contractor will need to call/coordinate with the manufacturer during installation to confirm that the device is operating correctly.
- Q: How will the Contractor verify that that the MAC address reader is installed correctly/is providing good data?
- A: The Contractor will need to call/coordinate with the manufacturer during installation to confirm that the device is operating correctly.
- Q: Will the Contractor have to input the GPS location of the MAC address readers?
- A: The devices will be programmed/configured by HDOT prior to transfer to the Contractor.
- Q: What is required for traffic control? Are special duty police required?
- A: The Contractor shall follow the requirements in Section 645 of the Hawaii Standard Specifications for Road and Bridge Construction, 2005 as amended by the special provisions of this project and Part 6 of the Manual on Uniform Traffic Control Devices (MUTCD), 2009 with Revisions 1 and 2.
- Q: Will engineered (signed/stamped by a professional engineer) traffic control plans be required?
- A: Signed/stamped traffic control plans will not be required if the Contractor utilizes the typical plans shown in Section 645 of the Hawaii Standard Specifications for Road and Bridge Construction 2005 or MUTCD, 2009 with Revisions 1 and 2.
- Q: What is the purpose of the "Additional Police Officers, Additional Traffic Control Devices, and Advertisement" pay item?
- A: The "Additional Police Officers, Additional Traffic Control Devices, and Advertisement" force account pay item is for unforeseen/special traffic control and as stated in the Special Provisions, "if ordered by the Engineer".
- Q: Will the State pay for the special duty police officers?
- A: Special duty police officers are paid for by the Contractor.

Q: Explain lane rental fees

A: Lane rental fees are assessed for early closing/late opening of lanes that extend beyond the allowed lane closure hours of Monday-Friday 8:30 am to 3:00 pm. See Section 645.03(F) of the Hawaii Standard Specifications for Road and Bridge Construction 2005 for restrictions. See Section 108.09 of Special Provisions for Lane Rental Fee.

Q: How will HDOT sign off/track the number of installed devices?

A: The HDOT inspector will verify the number of installed devices.

Q: Will the "Corrective Maintenance" force account be able to cover the devices for 24 months?

A: An addendum will be issued regarding this question.

Q: Who pays for the cellular service?

A: Cellular service for the devices is the responsibility of HDOT.

Q: How will the devices be transferred to the Contractor? In bulk?

A: Details for the transfer of devices to the Contractor will be verified at a later date.

Q: Is Buy America a requirement?

A: Yes, the Buy America provisions are a requirement of this project.

Q: The lugs at the Lagoon Drive LPR cabinet may not have the capacity to connect #1/0 wire. Has the designer confirmed the capacity?

A: HDOT will confirm with the designer that the capacity exists. An addendum will be issued regarding this question.


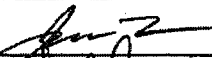


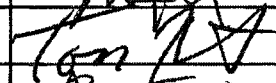


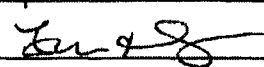

Q: Regarding the tap at the street light is there a lug?

A: Yes, the connection point is in an existing LPR cabinet that was recently installed by HART.

Meeting Adjourned at 9:30 A.M.

Prepared by: Reed Matsuo

Pre-Bid Meeting Attendance List
 Freeway Management System, Phase 1C, Part 3A: Data Expansion Various Locations
 Districts of Honolulu and Koolauapoko, Island of Oahu
 Federal-Aid Project No. STP-0300(145)
 November 15, 2016 9:00 a.m.
 HDOT Kapolei, Highways Division, Room 541

NAME	Signature	Organization	Phone	E-mail Address
1 Reed Matsuo		HDOT	692-7674	reed.matsuo@hawaii.gov
2 JAMES TAKASE		ICX	548-4298	JAMES.TAKASE@ICXTG.COM
3 JARROD FUSINAGA		GLOBAL SPECIALTY	779-3053	
4 Mike Girard		Henkelst/Mcloy	594-9745	mgirard@henkels.com
5 Tom Heinrich		GLOBAL SPECIALTY	741-8324	gkhalphk@AOL.COM
6 Kristine Pascua		HDOT	692-7673	kristine.a.pascua@hawaii.gov
7 NEAL HONMID		HDOT	692-7675	neal.k.honmid@hawaii.gov
8 KEITH NIYA		ICX	548-4298	keith.niyya@icxtg.com
9 Adnan Sayeed Syed		Hawaiaiya Technology Inc	940-312-2991	asayeed@hawaiaiyatech.com
10				
11				
12				
13				
14				
15				
16				
17				

General Decision Number: HI160001 11/18/2016 HI1

Superseded General Decision Number: HI20150001

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 \$10.15 for calendar year 2016 applies to all contracts
subject to the Davis-Bacon Act for which the 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
\$10.15 (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 2016. The EO minimum wage rate
will be adjusted annually. Additional information on contractor
requirements and worker protections under the EO is available
at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/08/2016
1	01/15/2016
2	01/22/2016
3	02/05/2016
4	02/26/2016
5	03/18/2016
6	07/29/2016
7	08/19/2016
8	09/16/2016
9	09/23/2016
10	10/07/2016
11	10/14/2016
12	11/18/2016

ASBE0132-001 08/29/2010

	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.....	\$ 36.65	22.24

BOIL0627-005 01/01/2013

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

* BRHI0001-001 08/29/2016

	Rates	Fringes
BRICKLAYER		
Bricklayers and Stonemasons..	\$ 46.62	19.60
Pointers, Caulkers and Weatherproofers.....	\$ 46.62	19.60

* BRHI0001-002 08/29/2016

	Rates	Fringes
Tile, Marble & Terrazzo Worker		
Terrazzo Base Grinders.....	\$ 43.54	21.92
Terrazzo Floor Grinders		
and Tenders.....	\$ 41.99	21.92
Tile, Marble and Terrazzo		
Workers.....	\$ 45.35	21.92

 CARP0745-001 08/29/2016

	Rates	Fringes
Carpenters:		
Carpenters; Hardwood Floor		
Layers; Patent Scaffold		
Erectors (14 ft. and		
over); Piledrivers;		
Pneumatic Nailers; Wood		
Shinglers and Transit		
and/or Layout Man.....	\$ 45.65	21.21
Millwrights and Machine		
Erectors.....	\$ 45.90	21.21
Power Saw Operators (2		
h.p. and over).....	\$ 45.80	21.21

 CARP0745-002 08/29/2016

	Rates	Fringes
Drywall and Acoustical		
Workers and Lathers.....	\$ 45.90	21.21

 ELEC1186-001 08/21/2016

	Rates	Fringes
Electricians:		
Cable Splicers.....	\$ 50.49	27.78
Electricians.....	\$ 45.90	26.55
Telecommunication worker....	\$ 26.30	11.58

 ELEC1186-002 08/21/2016

	Rates	Fringes
Line Construction:		
Cable Splicers.....	\$ 50.49	27.78
Groundmen/Truck Drivers.....	\$ 34.43	23.43
Heavy Equipment Operators...	\$ 41.31	25.30
Linemen.....	\$ 45.90	26.55
Telecommunication worker....	\$ 26.30	11.58

 ELEV0126-001 01/01/2015

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 53.07	28.38
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 08/29/2016

	Rates	Fringes
Diver (Aqua Lung) (Scuba))		
Diver (Aqua Lung) (Scuba)		
(over a depth of 30 feet)...	\$ 63.75	28.56
Diver (Aqua Lung) (Scuba)		
(up to a depth of 30 feet)...	\$ 54.38	28.56
Stand-by Diver (Aqua Lung)		
(Scuba).....	\$ 45.00	28.56
Diver (Other than Aqua Lung)		

Diver (Other than Aqua Lung).....	\$ 63.75	28.56
Diver Tender (Other than Aqua Lung).....	\$ 41.97	28.56
Stand-by Diver (Other than Aqua Lung).....	\$ 45.00	28.56
Helicopter Work		
Airborne Hoist Operator for Helicopter.....	\$ 43.55	28.56
Co-Pilot of Helicopter.....	\$ 43.69	28.56
Pilot of Helicopter.....	\$ 43.86	28.56
Power equipment operator - tunnel work		
GROUP 1.....	\$ 39.99	28.56
GROUP 2.....	\$ 40.10	28.56
GROUP 3.....	\$ 40.27	28.56
GROUP 4.....	\$ 40.54	28.56
GROUP 5.....	\$ 40.85	28.56
GROUP 6.....	\$ 41.50	28.56
GROUP 7.....	\$ 41.82	28.56
GROUP 8.....	\$ 41.93	28.56
GROUP 9.....	\$ 42.04	28.56
GROUP 9A.....	\$ 42.27	28.56
GROUP 10.....	\$ 42.33	28.56
GROUP 10A.....	\$ 42.48	28.56
GROUP 11.....	\$ 42.63	28.56
GROUP 12.....	\$ 42.99	28.56
GROUP 12A.....	\$ 43.35	28.56
Power equipment operators:		
GROUP 1.....	\$ 39.69	28.56
GROUP 2.....	\$ 39.80	28.56
GROUP 3.....	\$ 39.97	28.56
GROUP 4.....	\$ 40.24	28.56
GROUP 5.....	\$ 40.55	28.56
GROUP 6.....	\$ 41.20	28.56
GROUP 7.....	\$ 41.52	28.56
GROUP 8.....	\$ 41.63	28.56
GROUP 9.....	\$ 41.74	28.56
GROUP 9A.....	\$ 41.97	28.56
GROUP 10.....	\$ 42.03	28.56
GROUP 10A.....	\$ 42.18	28.56
GROUP 11.....	\$ 42.33	28.56
GROUP 12.....	\$ 42.69	28.56
GROUP 12A.....	\$ 43.05	28.56
GROUP 13.....	\$ 39.97	28.56
GROUP 13A.....	\$ 40.24	28.56
GROUP 13B.....	\$ 40.55	28.56
GROUP 13C.....	\$ 41.20	28.56
GROUP 13D.....	\$ 41.52	28.56
GROUP 13E.....	\$ 41.63	28.56

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 08/29/2016

	Rates	Fringes
Dredging: (Boat Operators)		
Boat Deckhand.....	\$ 39.97	28.56
Boat Operator.....	\$ 42.18	28.56
Master Boat Operator.....	\$ 42.33	28.56
Dredging: (Clamshell or Dipper Dredging)		
GROUP 1.....	\$ 42.69	28.56
GROUP 2.....	\$ 42.03	28.56
GROUP 3.....	\$ 41.63	28.56
GROUP 4.....	\$ 39.97	28.56
Dredging: (Derricks)		
GROUP 1.....	\$ 42.69	28.56
GROUP 2.....	\$ 42.03	28.56
GROUP 3.....	\$ 41.63	28.56
GROUP 4.....	\$ 39.97	28.56
Dredging: (Hydraulic Suction Dredges)		
GROUP 1.....	\$ 42.33	28.56
GROUP 2.....	\$ 42.18	28.56
GROUP 3.....	\$ 42.03	28.56
GROUP 4.....	\$ 41.97	28.56
GROUP 5.....	\$ 37.88	26.76
Group 5.....	\$ 41.63	28.56
GROUP 6.....	\$ 37.77	26.76
Group 6.....	\$ 41.52	28.56
GROUP 7.....	\$ 36.22	26.76
Group 7.....	\$ 39.97	28.56

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 08/29/2016

Rates	Fringes
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Power Equipment Operators

(PAVING)		
(10) Cold Planer.....	\$ 42.03	28.56
(10) Loader (2 1/2 cu. yds. and under).....	\$ 42.03	28.56
(10) Soil Stabilizer.....	\$ 42.03	28.56
(11) Loader (over 2 1/2 cu. yds. to and including 5 cu. yds.).....	\$ 42.33	28.56
(3) Roller Operator (five tons and under).....	\$ 39.97	28.56
(5) Screed Person.....	\$ 40.55	28.56
(6) Combination Loader/Backhoe (up to 3/4 cu.yd.).....	\$ 41.20	28.56
(6) Concrete Saws and/or Grinder (self-propelled unit on streets, highways, airports and canals).....	\$ 41.20	28.56
(6) Roller Operator (over five tons).....	\$ 41.20	28.56
(7) Combination Loader/Backhoe (over 3/4 cu.yd.).....	\$ 41.52	28.56
(8) Asphalt Plant Operator..	\$ 41.63	28.56
Asphalt Concrete Material Transfer.....	\$ 39.97	28.56
Asphalt Raker.....	\$ 39.69	28.56
Asphalt Spreader Operator...	\$ 40.24	28.56
Grader.....	\$ 40.55	28.56
Laborer, Hand Roller.....	\$ 39.69	28.56

IRON0625-001 09/01/2014

	Rates	Fringes
Ironworkers:.....	\$ 35.75	29.01
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.		

LABO0368-001 08/29/2016

	Rates	Fringes
Laborers:		
Driller.....	\$ 36.35	18.41
Final Clean Up.....	\$ 26.75	14.29
Guniting/Shotcrete Operator and High Scaler.....	\$ 35.85	18.41
Laborer I.....	\$ 35.35	18.41
Laborer II.....	\$ 32.75	18.41
Mason Tender/Hod Carrier....	\$ 35.85	18.41
Powderman.....	\$ 36.35	18.41
Window Washer (bosun chair)...	\$ 34.85	18.41

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 Scalpers; 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.

LABO0368-002 08/29/2016

	Rates	Fringes
Landscape & Irrigation Laborers		
GROUP 1.....	\$ 24.25	11.27
GROUP 2.....	\$ 24.95	11.27
GROUP 3.....	\$ 20.25	11.27

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.

	Rates	Fringes
Underground Laborer		
GROUP 1.....	\$ 35.95	18.41
GROUP 2.....	\$ 37.45	18.41
GROUP 3.....	\$ 37.95	18.41
GROUP 4.....	\$ 38.95	18.41
GROUP 5.....	\$ 39.30	18.41
GROUP 6.....	\$ 39.55	18.41
GROUP 7.....	\$ 40.00	18.41

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 Picker (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 01/01/2016

	Rates	Fringes
Painters:		
Brush.....	\$ 34.85	27.57
Sandblaster; Spray.....	\$ 34.85	27.57

PAIN1889-001 07/01/2016

	Rates	Fringes
Glaziers.....	\$ 35.78	27.94

PAIN1926-001 03/01/2015

	Rates	Fringes
Soft Floor Layers.....	\$ 31.15	25.75

PAIN1944-001 01/01/2016

	Rates	Fringes
Taper.....	\$ 41.50	21.55

PLAS0630-001 08/31/2015

	Rates	Fringes
PLASTERER.....	\$ 37.90	25.33

PLAS0630-002 08/31/2015

	Rates	Fringes
Cement Masons:		
Cement Masons.....	\$ 37.90	25.33
Trowel Machine Operators.....	\$ 38.05	25.33

PLUM0675-001 07/03/2016

	Rates	Fringes
Plumber, Pipefitter, Steamfitter & Sprinkler Fitter...	\$ 40.85	24.98

ROOF0221-001 09/04/2016

	Rates	Fringes
Roofers (Including Built Up, Composition and Single Ply).....	\$ 39.85	17.93

SHEE0293-001 08/01/2015

	Rates	Fringes
Sheet metal worker.....	\$ 42.96	20.58

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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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