

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ADDENDUM NO. 4

FOR

FREEWAY MANAGEMENT SYSTEM PHASE 1B:
TRAFFIC OPERATIONS CENTER, UNIT 5A:
VIDEOWALL

FEDERAL-AID PROJECT NO. IM-0300(118)-R

ISLAND OF OAHU

2012

The following amendments shall be made to the Request For Proposals:

1. REQUEST FOR BEST AND FINAL OFFER

- a. The State of Hawaii, Department of Transportation (HDOT), requests prospective Offerors to submit a Best and Final Offer (BAFO) in response to this Addendum.
- b. Each Proposer to which this request for BAFO is submitted may change any provision of its original proposal in its BAFO. However, the primary purpose of this BAFO is to allow Offerors an opportunity to address questions and comments that arose during the interview discussions, and/or the questions that were sent out after the interviews and, if applicable, to solicit revised cost proposals. Only those sections of the original submitted proposal that are changed must be re-submitted, with changes in revision text highlighted.
- c. Prospective offerors are hereby notified that the receiving of BAFO is scheduled for **2:00 P.M., Hawaii Standard Time (HST), on February 22, 2012**, at the HDOT Contracts Office, 869 Punchbowl Street, Room 105, Honolulu, Hawaii 96813. If the HDOT does not receive an amended BAFO by the deadline, the Offerors' previous proposal will be considered to be their BAFO. If an Offeror would like to withdraw their proposal, a written request must be submitted to the HDOT Contracts Office, prior to the deadline for the amended BAFO.

2. TECHNICAL PROVISIONS

- a. Amend Exhibit C – Requirements Matrix by replacing it in its entirety with the attached dated 2/6/12. The matrix includes a revision to Requirement 3.06 and a new requirement 5.01.

3. SPECIAL PROVISIONS

- a. Amend Federal Wage Rates by replacing it in its entirety with the attached dated 01/27/2012.

Please acknowledge receipt of this Addendum No. 4 in your BAFO proposal.



GLENN M. OKIMOTO, Ph.D.
Director of Transportation

EXHIBIT C
REQUIREMENTS MATRIX

HDOT Videowall Requirements

Instructions to Proposers: Complete this form as described in Section 3.05 of the RFP. Additional sheets may be added, as necessary.

| Requirement Number | Requirement | Proposer Response (Y)es (M)odified (N)o | Previous Projects in which Requirement Was Met | Proposer Explanation and Comment |
|--------------------------------------|---|---|--|----------------------------------|
| General Requirements | | | | |
| 1.01 | The video wall will consist of eight (8) projection cubes arranged in a 2-high by 4-wide array. | | | |
| 1.02 | The video wall shall allow displaying up to thirty-two (32) simultaneous images (combination of video images, data images, and cable TV images) anywhere on this video wall. | | | |
| 1.03 | The video wall shall also allow using the entire surface of the video wall to be used to display a single image. | | | |
| 1.04 | The support structure that holds up the projection cubes shall be provided as part of this contract. The support structure shall be made of steel or extruded aluminum and provide a sturdy structurally sound frame designed to provide the load capacity plus 50% imposed by the projection cubes. The front of the substructure as well as any surface area around the display shall be covered with a HDOT-approved material and trim that presents a "finished" look and that matches the decor of the operation room. | | | |
| Projection Cubes Requirements | | | | |
| 2.01 | All cubes shall be edge-matched to adjacent cubes. The intra-screen spacing between cubes shall be less than or equal to 1.0 mm both vertically and horizontally, without any visible lip hanging over the screen to hold it in place. | | | |
| 2.02 | All display windows (digital video, analog video, computer images) shall be scalable from a small window to the extent of the video wall. | | | |

| Requirement Number | Requirement | Proposer Response (Y)es (M)odified (N)o | Previous Projects in which Requirement Was Met | Proposer Explanation and Comment |
|--------------------|--|---|--|----------------------------------|
| 2.03 | Each of the projection cubes shall conform to the following minimum requirements: | | | |
| 2.03.01 | Supported Resolution per cube minimum is: XGA (1024x768) | | | |
| 2.03.02 | Aspect ratio shall be 4x3 | | | |
| 2.03.03 | Uniformity (both brightness and color) per cube: $\geq 90\%$ | | | |
| 2.03.04 | Contrast ratio: $\geq 1000:1$ | | | |
| 2.03.05 | Luminance per cube: ≥ 500 cd/m2 at full brightness | | | |
| 2.03.06 | Picture adjustability for horizontal and vertical position, horizontal and vertical keystone, zoom, and tilt. | | | |
| 2.03.07 | Inputs: Vendor shall demonstrate that the inputs support connections to the outputs of the proposed controller. | | | |
| 2.03.08 | Individual cubes shall not be susceptible to any "burn-in," "memory effect" or "Image Retention" on any long displayed images. | | | |

| Requirement Number | Requirement | Proposer Response (Y)es (M)odified (N)o | Previous Projects in which Requirement Was Met | Proposer Explanation and Comment |
|--------------------|---|---|--|----------------------------------|
| 2.03.09 | Vendor's warranty shall not exclude "burn-in", "memory effect" or "Image Retention" on any long displayed images. | | | |
| 2.03.10 | The front screen shall have an anti reflection screen. | | | |
| 2.03.11 | Power Consumption: Typical - no more than 250 Watts per cube, Max – no more than 350 Watts per cube. | | | |
| 2.03.12 | Thermal Dissipation: In order to reduce the load on the room's HVAC system, HDOT will factor thermal dissipation of the Vendor's equipment in the proposal evaluation. Vendors shall specify the thermal dissipation at the specified maximum and the minimum power consumption and brightness settings per cube. | | | |
| 2.03.13 | Operating Temperature of +10.0 C to +35.0 C. | | | |
| 2.03.14 | Humidity: 20% to 80% non-condensing | | | |
| 2.04 | The viewing angle shall be, as a minimum, 160° horizontally and 30° vertically measured off of the center axis of any projection cube. | | | |
| 2.05 | Noise level for the complete videowall shall be less than 50 dB measured 6 feet from the front of the cubes. | | | |
| 2.06 | LED MTBF at typical brightness: ≥50,000 Hours | | | |

| Requirement Number | Requirement | Proposer Response (Y)es (M)odified (N)o | Previous Projects in which Requirement Was Met | Proposer Explanation and Comment |
|---|---|---|--|----------------------------------|
| 2.07 | MTBF for all major components: ≥50,000 Hours | | | |
| 2.08 | Expected life for DLP technology: ≥100,000 Hours | | | |
| 2.09 | Full rear equipment maintenance access | | | |
| Video Wall Control System Requirements | | | | |
| 3.01 | Operating System: Windows-based (Windows XP, Windows 7, Server 2003 or Server 2008) allowing automatic security patches and/or updates. Note that HDOT will be responsible for the firewall and security system. HDOT will also provide and update the virus protection software. | | | |
| 3.02 | Support maximum native resolution of the proposed cubes | | | |
| 3.03 | Analog video input: Quantity 32, with formats of at least NTSC composite BNC | | | |
| 3.04 | Streaming digital video input: Quantity 2, supporting MPEG, MPEG-2, MPEG-4, MJPEG, H.264 formats | | | |
| 3.05 | Computer input: Quantity 2, supporting HD-15 D-Sub, DVI-D formats | | | |
| 3.06 | The video wall shall provide the capability to display one (1) Cable TV receiver input via composite video (RCA Connector) or S-Video | | | |

| Requirement Number | Requirement | Proposer Response (Y)es (M)odified (N)o | Previous Projects in which Requirement Was Met | Proposer Explanation and Comment |
|---|---|---|--|----------------------------------|
| 3.07 | Color depth/palette: at least 24 bits / 16.7 Mio Colors | | | |
| 3.08 | The video wall control system shall support digital color balancing (manual or automatic) | | | |
| 3.09 | Not used. | N/A | N/A | N/A |
| 3.10 | Ethernet connectivity: 100/1000 Base-T RJ45 | | | |
| Minimum Workstation Requirements | | | | |
| 4.01 | Operating System: Windows-based (Windows XP or Windows 7) allowing automatic security patches and/or updates. Note that HDOT will be responsible for the firewall and security system. HDOT will also provide and update the virus protection software. | | | |
| 4.02 | Processor: Intel Xeon Quad Core Processor E5504, 2.0GHz, 4M, 4.8GT/s | | | |
| 4.03 | Memory: 4 GB DDR3 ECC SDRAM | | | |
| 4.04 | Video Card: Dual 512MB PCIe x 16 NVIDIA Quadro FX 580 Quad Monitor DVI +2 DP | | | |
| 4.05 | Hard Drive: 80 GB SATA, 7,200 RPM, with 8MB Cache | | | |

| Requirement Number | Requirement | Proposer Response (Y)es (M)odified (N)o | Previous Projects in which Requirement Was Met | Proposer Explanation and Comment |
|----------------------------------|---|---|--|----------------------------------|
| 4.06 | Ethernet connectivity: Quantity 2, 100/1000 Base-T RJ45 | | | |
| 4.07 | DVD: DVD+/-RW | | | |
| 4.08 | Monitor: 20" Widescreen, Native resolution of 1920x1080 | | | |
| 4.09 | Expansion Slots: 2 PCI-e x16 slots wire as x8, 2 PCI-e 16 Gen 2 (150w each), 1 PCIX 64bit | | | |
| 4.10 | Ports: 6 USB 2.0, 1 Serial, 2 RJ-45 | | | |
| 4.11 | Power Supply: 875W | | | |
| 4.12 | Accessories: USB Keyboard, USB Mouse with Scroll | | | |
| Audio System Requirements | | | | |
| 5.01 | The system shall support and output analog audio from the Cable TV Receiver through standard RCA audio output connectors. Operators shall be able to mute and control the volume output of the audio from the video wall system speakers. | | | |

General Decision Number: HI120001 01/27/2012 HI1

Superseded General Decision Number: HI20100001

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

| Modification Number | Publication Date |
|---------------------|------------------|
| 0 | 01/06/2012 |
| 1 | 01/13/2012 |
| 2 | 01/20/2012 |
| 3 | 01/27/2012 |

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 04/01/2010

| | Rates | Fringes |
|--|-------|---------|
|--|-------|---------|

| | | |
|------------------|----------|-------|
| BOILERMAKER..... | \$ 31.92 | 21.42 |
|------------------|----------|-------|

BRHI0001-001 08/29/2011

| | Rates | Fringes |
|--|-------|---------|
|--|-------|---------|

BRICKLAYER

| | | |
|------------------------------|----------|-------|
| Bricklayers and Stonemasons. | \$ 33.90 | 22.62 |
| Pointers, Caulkers and | | |
| Weatherproofers..... | \$ 34.15 | 22.62 |

BRHI0001-002 08/29/2011

| | Rates | Fringes |
|--|-------|---------|
|--|-------|---------|

| | | |
|--------------------------------|----------|-------|
| Tile, Marble & Terrazzo Worker | | |
| Terrazzo Base Grinders..... | \$ 32.34 | 22.62 |
| Terrazzo Floor Grinders | | |
| and Tenders..... | \$ 30.79 | 22.62 |
| Tile, Marble and Terrazzo | | |
| Workers..... | \$ 34.15 | 22.62 |

CARP0745-001 08/29/2011

| | |
|-------|---------|
| 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..... | \$ 38.00 | 19.62 |
| Millwrights and Machine | | |
| Erectors..... | \$ 38.25 | 19.62 |
| Power Saw Operators (2 | | |
| h.p. and over)..... | \$ 38.15 | 19.62 |

CARP0745-002 08/29/2011

| | |
|-------|---------|
| Rates | Fringes |
|-------|---------|

| | | |
|--------------------------|----------|-------|
| Drywall and Acoustical | | |
| Workers and Lathers..... | \$ 33.25 | 19.62 |

ELEC1186-001 02/20/2011

| | |
|-------|---------|
| Rates | Fringes |
|-------|---------|

Electricians:

| | | |
|------------------------------|----------|----------|
| Cable Splicers..... | \$ 44.33 | 26.41 |
| Electricians..... | \$ 40.30 | 25.18 |
| Telecommunication worker.... | \$ 23.20 | 17%+6.35 |

ELEC1186-002 02/20/2011

| | |
|-------|---------|
| Rates | Fringes |
|-------|---------|

Line Construction:

| | | |
|-------------------------------|----------|------------|
| Cable Splicers..... | \$ 44.33 | 24.67 |
| Groundmen/Truck Drivers..... | \$ 30.22 | 20.89 |
| Heavy Equipment Operators.... | \$ 36.27 | 22.50 |
| Linemen..... | \$ 40.30 | 23.57 |
| Telecommunication worker.... | \$ 23.20 | 17%+\$6.35 |

ELEV0126-001 01/01/2012

| | |
|-------|---------|
| Rates | Fringes |
|-------|---------|

| | | |
|------------------------|----------|------------|
| ELEVATOR MECHANIC..... | \$ 50.63 | 23.535+a+b |
|------------------------|----------|------------|

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 08/29/2011

| | Rates | Pringes |
|-------------------------------|----------|---------|
| Diver (Aqua Lung) (Scuba) | | |
| Diver (Aqua Lung) (Scuba) | | |
| (over a depth of 30 feet)... | \$ 58.75 | 23.94 |
| Diver (Aqua Lung) (Scuba) | | |
| (up to a depth of 30 feet)... | \$ 49.38 | 23.94 |
| Stand-by Diver (Aqua Lung) | | |
| (Scuba)..... | \$ 40.00 | 23.94 |
| Diver (Other than Aqua Lung) | | |
| Diver (Other than Aqua | | |
| Lung)..... | \$ 58.75 | 23.94 |
| Diver Tender (Other than | | |
| Aqua Lung)..... | \$ 36.97 | 23.94 |
| Stand-by Diver (Other than | | |
| Aqua Lung)..... | \$ 40.00 | 23.94 |
| Helicopter Work | | |
| Airborne Hoist Operator | | |
| for Helicopter..... | \$ 38.55 | 23.94 |
| Co-Pilot of Helicopter..... | \$ 38.69 | 23.94 |
| Pilot of Helicopter..... | \$ 38.86 | 23.94 |
| Power equipment operator - | | |
| tunnel work | | |
| GROUP 1..... | \$ 34.99 | 23.94 |
| GROUP 2..... | \$ 35.10 | 23.94 |
| GROUP 3..... | \$ 35.27 | 23.94 |
| GROUP 4..... | \$ 35.54 | 23.94 |
| GROUP 5..... | \$ 35.85 | 23.94 |
| GROUP 6..... | \$ 36.50 | 23.94 |
| GROUP 7..... | \$ 36.82 | 23.94 |
| GROUP 8..... | \$ 36.93 | 23.94 |
| GROUP 9..... | \$ 37.04 | 23.94 |
| GROUP 9A..... | \$ 37.27 | 23.94 |
| GROUP 10..... | \$ 37.33 | 23.94 |
| GROUP 10A..... | \$ 37.48 | 23.94 |
| GROUP 11..... | \$ 37.63 | 23.94 |
| GROUP 12..... | \$ 37.99 | 23.94 |
| GROUP 12A..... | \$ 38.35 | 23.94 |
| Power equipment operators: | | |
| GROUP 1..... | \$ 34.69 | 23.94 |
| GROUP 2..... | \$ 34.80 | 23.94 |
| GROUP 3..... | \$ 34.97 | 23.94 |
| GROUP 4..... | \$ 35.24 | 23.94 |
| GROUP 5..... | \$ 35.55 | 23.94 |
| GROUP 6..... | \$ 36.20 | 23.94 |
| GROUP 7..... | \$ 36.52 | 23.94 |
| GROUP 8..... | \$ 36.63 | 23.94 |
| GROUP 9..... | \$ 36.74 | 23.94 |
| GROUP 9A..... | \$ 36.97 | 23.94 |
| GROUP 10..... | \$ 37.03 | 23.94 |
| GROUP 10A..... | \$ 37.18 | 23.94 |
| GROUP 11..... | \$ 37.33 | 23.94 |

| | | |
|----------------|----------|-------|
| GROUP 12..... | \$ 37.69 | 23.94 |
| GROUP 12A..... | \$ 38.05 | 23.94 |
| GROUP 13..... | \$ 34.97 | 23.94 |
| GROUP 13A..... | \$ 35.24 | 23.94 |
| GROUP 13B..... | \$ 35.55 | 23.94 |
| GROUP 13C..... | \$ 36.20 | 23.94 |
| GROUP 13D..... | \$ 36.52 | 23.94 |
| GROUP 13E..... | \$ 36.63 | 23.94 |

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 08/29/2011

| | Rates | Fringes |
|--|----------|---------|
| Dredging: (Boat Operators) | | |
| Boat Deckhand..... | \$ 34.97 | 23.94 |
| Boat Operator..... | \$ 37.18 | 23.94 |
| Master Boat Operator..... | \$ 37.33 | 23.94 |
| Dredging: (Clamshell or Dipper Dredging) | | |
| GROUP 1..... | \$ 37.69 | 23.94 |
| GROUP 2..... | \$ 37.03 | 23.94 |
| GROUP 3..... | \$ 36.63 | 23.94 |
| GROUP 4..... | \$ 34.97 | 23.94 |
| Dredging: (Derricks) | | |
| GROUP 1..... | \$ 37.69 | 23.94 |
| GROUP 2..... | \$ 37.03 | 23.94 |
| GROUP 3..... | \$ 36.63 | 23.94 |
| GROUP 4..... | \$ 34.97 | 23.94 |
| Dredging: (Hydraulic Suction Dredges) | | |
| GROUP 1..... | \$ 37.33 | 23.94 |

| | | |
|--------------|----------|-------|
| GROUP 2..... | \$ 37.18 | 23.94 |
| GROUP 3..... | \$ 37.03 | 23.94 |
| GROUP 4..... | \$ 36.97 | 23.94 |
| Group 5..... | \$ 36.63 | 23.94 |
| Group 6..... | \$ 36.52 | 23.94 |
| Group 7..... | \$ 34.97 | 23.94 |

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 08/29/2011

| | Rates | Fringes |
|--|----------|---------|
| Power Equipment Operators (PAVING) | | |
| (10) Cold Planer..... | \$ 37.40 | 25.33 |
| (10) Loader (2 1/2 cu. yds. and under)..... | \$ 36.57 | 25.33 |
| (10) Soil Stabilizer..... | \$ 37.40 | 25.33 |
| (11) Loader (over 2 1/2 cu. yds. to and including 5 cu. yds.)..... | \$ 36.89 | 25.33 |
| (3) Roller Operator (five tons and under)..... | \$ 35.34 | 25.33 |
| (5) Screed Person..... | \$ 36.57 | 25.33 |
| (6) Combination Loader/Backhoe (up to 3/4 cu.yd.)..... | \$ 34.63 | 25.33 |
| (6) Concrete Saws and/or Grinder (self-propelled unit on streets, highways, airports and canals)..... | \$ 36.57 | 25.33 |
| (6) Roller Operator (over five tons)..... | \$ 36.77 | 25.33 |
| (7) Combination Loader/Backhoe (over 3/4 | | |

| | | |
|------------------------------|----------|-------|
| cu.yd.)..... | \$ 35.61 | 25.33 |
| (8) Asphalt Plant Operator.. | \$ 37.00 | 25.33 |
| Asphalt Concrete Material | | |
| Transfer..... | \$ 36.57 | 25.33 |
| Asphalt Raker..... | \$ 35.61 | 25.33 |
| Asphalt Spreader Operator... | \$ 37.09 | 25.33 |
| Grader..... | \$ 37.40 | 25.33 |
| Laborer, Hand Roller..... | \$ 32.84 | 25.33 |

IRON0625-001 09/01/2011

| | Rates | Fringes |
|---|----------|---------|
| Ironworkers:..... | \$ 33.75 | 28.01 |
| 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. | | |

LAB00368-001 08/29/2011

| | Rates | Fringes |
|--------------------------------|----------|---------|
| Laborers: | | |
| Driller..... | \$ 31.30 | 15.91 |
| Final Clean Up..... | \$ 21.70 | 11.47 |
| Gunite Operator & High | | |
| Scaler..... | \$ 30.80 | 15.91 |
| Laborer I..... | \$ 30.30 | 15.91 |
| Laborer II..... | \$ 27.70 | 15.91 |
| Powderman..... | \$ 31.30 | 15.91 |
| Window Washer (bosun chair) .. | \$ 29.80 | 15.91 |

LABORERS CLASSIFICATIONS

Laborer I: Asbestos Removal Worker (EPA certified workers); 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, Welding, Signalling, Choke Setting, and Rigging in connection with Laborers' work (except demolition); 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; 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; Falling, bucking, yarding, loading or burning of all trees or timber on construction site; Forklift (9 ft. and under); 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, or heat welding for sewer 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); Installation of lightweight backfill; Jackhammer Operator; Jacking of slip forms: All semi and unskilled work connected therewithin; Laying of all multi-cell conduit or multi-purpose pipe; Lead base paint abatement laborers (EPA certified workers); Magnesite and Mastic Workers (Wet or Dry) (including mixer operator); Mason Tender, 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, 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 Contractor 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 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); 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; 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: Air Blasting; Appliance Handling (job site) (after delivery and unloading in storage area); Asphalt Plant Laborer; Backfilling, Grading and all other labor connected therewith; Boring Machine; Bridge Laborer; Burning of all debris (crates, boxes, packaging waste materials); Chainman, Rodmen, and Grade Markers; Cleaning and Clearing of all debris; 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; Cleanup of Grounds and Buildings (other than "Light Clean-Up") (Janitorial Laborer); Clean-up of right-of-way; Clearing and slashing of brush or trees by hand or mechanical cutting; 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); Cribbers, Shorer, Lagging, Sheeting, and Trench Jacking and Bracing, Hand-Guided Lagging Hammer Whaling Bracing; 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, burning or cutting, breaking away, cleaning and removal of all masonry, wood or metal fixtures for salvage or scrap, All hooking, unhooking, signaling of materials for salvage or scrap removed by crane or derrick; Digging under streets, roadways, aprons or other paved surfaces; Chuck Tender, Outside Nipper; Dry-packing of concrete (plugging and filling of she-bolt holes); Excavation, Preparation of street ways and bridges; 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; Garbage and Debris Handlers and Cleaners; Gas, Pneumatic, and Electric Tools, not listed Group 1 (except Rototiller); General Clean-up: sweeping, cleaning, washdown, wiping of construction facility, and equipment (other than "Light Clean-up" [Janitorial] Laborer); General Excavation and Grading (all 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; General Laborer; Ground and Soil Treatment Work (Pest Control); Junk Yard Laborers (same as Salvage Yard); Landscape Nursery Laborers; 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 signalling 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 (including Hod Carrier); 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; Removal of surplus material; 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 (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 Scaffolding; 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; Striping (Asphalt, Concrete or other Paved Surfaces); Tagging and Signaling of all building materials into high-rise units; 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.

LAB00368-002 08/29/2011

| | Rates | Fringes |
|---------------------------------|----------|---------|
| Landscape & Irrigation Laborers | | |
| GROUP 1..... | \$ 21.70 | 8.52 |
| GROUP 2..... | \$ 22.20 | 8.52 |
| GROUP 3..... | \$ 18.20 | 8.52 |

LABORERS CLASSIFICATIONS

GROUP 1: Installation of non-potable permanent or temporary irrigation water systems performed for the purposes of Landscaping and Irrigation architectural horticultural work; the installation of drinking fountains and permanent or temporary irrigation systems using potable water for Landscaping and Irrigation architectural horticultural purposes only. This work includes (a) the installation of all heads, risers, valves, valve boxes, vacuum breakers (pressure and non-pressure), low voltage electrical lines and, provided such work involves electrical wiring that will carry 24 volts or less, the installation of sensors, master control panels, display boards, junction boxes, conductors, including all other components for controllers, (b) and metallic (copper, brass, galvanized, or similar)

pipe, as well as PVC or other plastic pipe including all work incidental thereto, i.e., unloading, handling and distribution of all pipes fittings, tools, materials and equipment, (c) all soldering work in connection with the above whether done by torch, soldering iron, or other means; (d) tie-in to main lines, thrust blocks (both precast and poured in place), pipe hangers and supports incidental to installation of the entire irrigation system, (e) making of pressure tests, start-up testing, flushing, purging, water balancing, placing into operation all irrigation equipment, fixtures and appurtenances installed under this agreement, and (f) the fabrication, replacement, repair and servicing of landscaping and irrigation systems. Operation of hand-held gas, air, electric, or self-powered tools and equipment used in the performance of Landscape and Irrigation work in connection with architectural horticulture; Choke-setting, signaling, and rigging for equipment operators on job-site in the performance of such Landscaping and Irrigation work; Concrete work (wet or dry) performed in connection with such Landscaping and Irrigation work. This work shall also include the setting of rock, stone, or riprap in connection with such Landscape, Waterscape, Rockscape, and Irrigation work; Grubbing, pick and shovel excavation, and hand rolling or tamping in connection with the performance of such Landscaping and Irrigation work; Sprigging, handseeding, and planting of trees, shrubs, ground covers, and other plantings and the performance of all types of gardening and horticultural work relating to said planting; Operation of flat bed trucks (up to and including 2 1/2 tons)..

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

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

LAB00368-003 08/29/2011

| | Rates | Fringes |
|---------------------|----------|---------|
| Underground Laborer | | |
| GROUP 1..... | \$ 30.90 | 15.91 |
| GROUP 2..... | \$ 32.40 | 15.91 |
| GROUP 3..... | \$ 32.90 | 15.91 |
| GROUP 4..... | \$ 33.90 | 15.91 |
| GROUP 5..... | \$ 34.15 | 15.91 |
| GROUP 6..... | \$ 34.25 | 15.91 |
| GROUP 7..... | \$ 34.50 | 15.91 |

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 Cabletenders; 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 01/01/2012

| | Rates | Fringes |
|-------------------------|----------|---------|
| Painters: | | |
| Brush..... | \$ 33.60 | 24.30 |
| Sandblaster; Spray..... | \$ 33.60 | 24.30 |

PAIN1889-001 07/01/2011

| | Rates | Fringes |
|---------------|----------|---------|
| Glaziers..... | \$ 32.05 | 24.22 |

PAIN1926-001 07/01/2011

| | Rates | Fringes |
|------------------------|----------|---------|
| Soft Floor Layers..... | \$ 28.12 | 20.98 |

PAIN1944-001 01/01/2012

| | Rates | Fringes |
|------------|----------|---------|
| Taper..... | \$ 40.00 | 16.90 |

PLAS0630-001 08/29/2011

| | Rates | Fringes |
|----------------|----------|---------|
| PLASTERER..... | \$ 34.69 | 22.62 |

PLAS0630-002 08/29/2011

| | Rates | Fringes |
|------------------------------|----------|---------|
| Cement Masons: | | |
| Cement Masons..... | \$ 33.85 | 22.62 |
| Trowel Machine Operators.... | \$ 34.00 | 22.62 |

PLUM0675-001 07/03/2011

| | Rates | Fringes |
|---|----------|---------|
| Plumber, Pipefitter, Steamfitter & Sprinkler Fitter... | \$ 36.10 | 22.26 |

ROOF0221-001 09/25/2011

| | Rates | Fringes |
|--|----------|---------|
| Roofers (Including Built Up, Composition and Single Ply)..... | \$ 36.10 | 16.13 |

SHEE0293-001 08/28/2011

| | Rates | Fringes |
|-------------------------|----------|---------|
| Sheet metal worker..... | \$ 34.65 | 21.71 |

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.

=====

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 union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters, PLUM, indicate the international union and the four-digit number, 0198, that follows 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. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rate.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived

from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

WAGE DETERMINATION APPEALS PROCESS

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

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

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

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

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

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

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

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

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

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

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

=====

END OF GENERAL DECISION