



190 Queen Anne Ave N  
PO Box 19028  
Seattle, WA 98109-1028

## REQUEST FOR BIDS (by Email)

Date: <b>5/3/2022</b>		To: Potential Bidders for SHA Solicitation <b>#5668 Flat Roof Replacement at 3803 South Willow Street, Seattle, Washington 98118</b>	
The work described below is subject to the conditions described on Attachment A, version 1 <input type="checkbox"/> version 2 <input checked="" type="checkbox"/>			
SHA Reference No.: <b>5668</b>	(Federal Prevailing Wages) Federal Wage Decision No.:	OR	(State Prevailing Wages) Date of State Prevailing Wage Schedule:
			Prevailing Wage Rates are available at <a href="https://www.lni.wa.gov/licensing-permits/public-works-projects/prevailing-wage-rates/">https://www.lni.wa.gov/licensing-permits/public-works-projects/prevailing-wage-rates/</a> on the L&I website. This work will be located in King County. Effective date: 5/31/2023. A printed copy of the wage rates for this project are available for viewing at the Seattle Housing Authority's Purchasing Department. A copy may also be mailed upon request. See contact information below.
Number of Calendar Days to Complete Work: <b>90 Days</b> from the Notice to Proceed (NTP) Date	For Questions Contact: <b>Louise Lauff, Senior Contract Administrator</b>	Phone No.: (206) 615-3376	
		E-mail: <a href="mailto:purchasing@seattlehousing.org">purchasing@seattlehousing.org</a>	
Project Description / Scope of Work: <input checked="" type="checkbox"/> See Scope of Work attached. <input type="checkbox"/> See Scope of Work below.			
<b>This project is estimated to between \$160,000.00 and \$175,000.00</b>			
<b>PRE-BID SITE VISIT:</b> Tuesday, May 16, 2023, at 10:00 a.m. Please note there will be no full tour of the roof due to safety equipment concerns, with access to view the roof via a hatch available.			
<b>DEADLINE FOR QUESTIONS – Monday, May 22, 2023, NO LATER THAN 2:00 PM Pacific Time (PT).</b>			
Email your questions to: <a href="mailto:purchasing@seattlehousing.org">purchasing@seattlehousing.org</a> Please include Solicitation #5668 in the Subject Line of the e-mail and identify the Contract Administrator in the body of the e-mail.			
<b>BID DUE DATE AND TIME: Wednesday, May 31, 2023 AT 1:00 PM PACIFIC TIME (PT)</b>			
<b>EMAIL YOUR BID TO: <a href="mailto:purchasing@seattlehousing.org">purchasing@seattlehousing.org</a></b> Please include Solicitation #5668 in the Subject Line of the e-mail and identify the Contract Administrator in the body of the e-mail.			
The bidder is responsible for ensuring that its Bid is received prior to the deadline. Bids received after the deadline will not be considered.			
Bids for Small Works Roster advertised projects will only be accepted from contractors who are listed on Seattle Housing Authority's Small Works Roster at the time bid is due. SHA utilizes the Small Public Works Roster maintained by MRSC to solicit bids from contractors for this solicitation. Register for FREE at <a href="http://www.mrscrosters.org">www.mrscrosters.org</a> and select Seattle Housing Authority. All companies on the roster must meet the agency's minimum qualifications for licensing bonding, and insurance and not be on any state or federal debarment lists.			
<b>BIDDER ACKNOWLEDGES RECEIPT OF ADDENDA(S) NUMBER(S): _____</b>			
<b>BIDDER MUST COMPLETE THE INFORMATION BELOW.</b> In addition, if bidder has never done business with SHA, it must submit a vendor fact sheet with its bid form. Bidder must also submit the required Section 3 forms with its bid form. <input type="checkbox"/> If checked, Bidder must complete the attached Detailed Bid Price Form and provide the total bid price below.			
Basic Bid Price (without Sales Tax)	Sales Tax on Materials (see Attachment A):	Total Bid Price (with Sales Tax)	
Bidder's Business Name:	Telephone No.:	E-Mail Address:	
Address:		City, State, Zip Code:	

Business Classification: <input type="checkbox"/> WBE <input type="checkbox"/> MBE <input type="checkbox"/> MWBE <input type="checkbox"/> Section 3		Contractor Registration No.:	
Signature:		Date:	Printed Name and Title of Person Signing Bid:
<p>By signing above, the Bidder acknowledges receipt of Attachment A and any addenda issued for this project, and proposes to furnish all material and labor and to perform all work described herein for the Bid Price noted above. The Bidder also certifies the following: to have personally and carefully evaluated the Project Description / Scope of Work and Attachment A, and to have a clear understanding of the same, including the requirement to pay prevailing wages.</p>			

- ATTACHMENT A:    Version 2 (\$35,000 to \$250,000)**  
**ATTACHMENT B:    Summary of Work + Division 1 Specifications**  
**ATTACHMENT C:    Sample Contract**  
**ATTACHMENT D:    Forms**
- 1.    SHA Vendor Fact Sheet**
  - 2.    Section 3 Business Concern Certification, Sample Reporting Form and Sample Self-Certification Form**
  - 3.    Suspension and Debarment Compliance Certificate for Contractor/Subcontractor**
  - 4.    SSB5301 – Certification of Compliance with Wage Payment Statutes**
  - 5.    Non-Collusive Affidavit**

**SUBMISSION CHECKLIST – MUST BE COMPLETED, SIGNED AND SUBMITTED WITH YOUR BID**

- \_\_\_\_\_    **Request for Bids**
- \_\_\_\_\_    **SHA Vendor Fact Sheet**
- \_\_\_\_\_    **Section 3 Business Concern Certification**
- \_\_\_\_\_    **Suspension and Debarment Compliance Certificate for Contractor/Subcontractor (as applicable)**
- \_\_\_\_\_    **SSB5301 – Certification of Compliance with Wage Payment Statutes**
- \_\_\_\_\_    **Non-Collusive Affidavit**



## Attachment A, Version 2

(\$35,000 to \$250,000)

### Request For Bid (by e-mail)

The work described in the Request For Bid (by e-mail) is subject to the following terms and conditions:

**Bidder Responsibility:** The bidder must meet the mandatory bidder responsibility criteria described below and as specified in RCW 39.04 or 2 CFR 200 in order to be considered a responsible contractor and be eligible for award consideration:

1. At the time of bid submittal, have a current certificate of registration in compliance with chapter 18.27 RCW, which must have been in effect at the time of the bid submittal;
2. Have a current Washington Unified Business Identifier (UBI) number;
3. If applicable:
  - Have Industrial Insurance (workers' compensation) coverage for the bidder's employees working in Washington, as required in Title 51 RCW;
  - Have a Washington Employment Security Department number, as required in Title 50 RCW;
  - Have a Washington Department of Revenue state excise tax registration number, as required in Title 82 RCW;
  - Electrical Contractor License, if required by Chapter 19.28 RCW
  - Elevator Contractor License, if required by Chapter 70.87 RCW
4. Not be disqualified from bidding on any public works contract under RCW 39.06.010 or RCW 39.12.065(3).
5. Has not more than one violation of the off-site, prefabricated, non-standard, project specific items reporting requirements of RCW 39.04.370. (Applicable until December 31, 2013)
6. Has not been debarred, suspended, or otherwise ineligible to contract with SHA and is not included on the Excluded Parties List System (EPLS) on GSA's SAM (System for Award Management) <https://www.sam.gov/portal/public/SAM/> or the Department of Housing and Urban Development's "Limited Denial of Participation" list. This requirement also applies to the Bidder's principals.
7. Have completed training requirements under RCW 39.04.350 and RCW 39.06.020 before bidding on public works projects as determined by the Washington State Department of Industries OR have been in business with an active Unified Business Identifier (UBI) number for 3 or more years AND have performed work on 3 or more public works projects.

**Prevailing Wages:** The Contractor must pay all workers at least the prevailing wage rate for the type of work performed in accordance with the applicable prevailing wage rate schedule referenced on the Purchase Order or Request for Bid (by e-mail) form and included in these solicitation documents. The type of wage schedule attached i.e., HUD Determined, Davis-Bacon, or the State Prevailing Wage schedule determines the appropriate labor standards that apply to the work as outlined below and contained in the General Conditions for Construction:

- 1) Part 11.13 for projects subject to the HUD-Determined wage rate schedule.
- 2) Part 11.12 for projects subject to Davis-Bacon wage schedule.
- 3) Part 5 for projects subject to the State prevailing wage schedule.

As part of its compliance with the prevailing wage requirements, the Contractor and, if applicable, subcontractor(s) shall comply with the requirement to submit a Statement of Intent to Pay Prevailing Wages and Affidavit of Wages Paid forms approved by the State of Washington's Department of Labor and Industries. The Owner will notify the Contractor of any special filing instructions that may apply for these forms depending on the funding source(s) of the project.

**Bid Bond:** SHA does not require a bid guarantee for small works roster construction projects estimated to cost \$250,000 or less.

**Insurance:** Within seven calendar days of award, the Contractor shall submit to SHA, and maintain throughout the contract, at no expense to SHA, the following insurance coverage at the limits noted (refer to Part 2 of SHA's General Conditions for more details):

1. Commercial General Liability Insurance. \$1,000,000 each occurrence, and \$2,000,000 aggregate
2. Additional Insured Endorsement Ongoing Operations: The Owner must be included as an Additional Insured on a primary and non-contributory basis on all Commercial General Liability policies of the Contractor. A policy endorsement form CG2010 or equivalent must be provided to Owner as evidence of additional insured coverage.
3. Additional Insured Endorsement Completed Operations: The Contractor's CGL insurance shall include the Owner as an additional insured for Contractors Completed Operations by providing additional insured status on the CG2037 endorsement, or by an equivalent policy or endorsement provision. The Contractors Completed Operations additional insured status for the Owner shall remain in effect for not less than three (3) years following the Final Acceptance of the Work by the Owner.
4. Employers Liability policy or Washington Stop Gap Liability insurance endorsement: \$1,000,000 each accident
5. Workers Compensation coverage.
6. Commercial Automobile Liability Insurance. \$1,000,000 combined single limit coverage
7. Pollution Liability Insurance: \$1,000,000 combined single limit coverage, if the work involves handling or disposal of asbestos, lead-based paint, contaminated soil, or other hazardous materials.

**Performance & Payment Bond Requirements:** Within seven calendar days of award, the Contractor shall submit to SHA, in accordance with Section 2.05 of the General Conditions, a Performance and Payment bond. Failure to furnish a Performance and Payment bond within the time specified may render the Contractor ineligible for the contract. The SHA may then either award the contract to the next lowest responsible bidder or solicit new bids.

**Retainage Requirements:** SHA requires retainage to be withheld for small works roster construction projects costing \$35,000 or more.

**Tax Exempt Status of SHA:** Pursuant to State law (RCW 35.82.210), SHA is exempt from paying sales tax when it obtains goods and services directly from the Contractor. The Contractor must pay sales tax on materials purchased for this job. SHA does not pay sales tax for labor and services rendered.

**Protests:** Any protest of award shall be resolved in accordance with SHA's Procurement Policies, which may be reviewed at [SHA website](#).

**General Conditions:** SHA's General Conditions are hereby incorporated by reference and made a part of this Request for Bid (by e-mail) and any subsequent contract or purchase order executed for this work as if fully included herein. If the event of any discrepancy between the terms of this Attachment A and the General Conditions, the terms of the General Conditions shall apply, except that the types and amounts of insurance specified above, and the waiver of the Contract Bond and withholding of retainage specified above, shall take precedence over the General Conditions. The General Conditions may be viewed by accessing [SHA website](#), or upon request, a copy of the General Conditions may be obtained by calling SHA at (206) 615-3379.

**Performance Evaluation:** The Contractor's performance on this project will be evaluated in accordance with SHA's Contractor Performance Evaluation Program. A copy of the Program may be obtained by accessing [SHA website](#).

**Section 3:** Section 3 is a provision of the Housing and Urban Development Act of 1968. The purpose of Section 3 is to ensure that employment and other economic opportunities generated by certain HUD financial assistance shall, to the greatest extent feasible, and consistent with existing Federal, State, and local laws and regulations, be directed to low- and very low-income persons, particularly those who are recipients of government assistance for housing, and to business concerns which provide economic opportunities to low- and very low-income persons. Each bidder is required to submit with its Bid a Section 3 Business Certification form. Failure to complete this form may render a bid non-responsive.

- A. Section 3 Contract Language: The following language regarding Section 3 will be included as part of the contract to be executed based on this solicitation:

Contractor will comply with Section 3 of the Housing and Urban Development Act of 1968, 12 U.S.C. 1701u, and its implementing regulations set forth at 24 CFR 75 (as each of the same has been or may be amended, modified, or replaced from time to time, and including any successor statutes or regulations, collectively, "Section 3"), and with this Section.

1. The work to be performed under this Contract is subject to the requirements of Section 3.
2. Contractor will require its subcontractors to comply with Section 3. As evidenced by its execution of this Contract, Contractor certifies that it is under no contractual or other impediment that would prevent it from complying with Section 3.
3. Contractor will include this Section 3 clause in every subcontract and will take all necessary steps to ensure compliance with Section 3 by its subcontractors. Upon a finding that a subcontractor is in violation of Section 3, Contractor will take appropriate action, as provided in an applicable provision of the subcontract or in this Section 3 clause. Contractor will not subcontract with any subcontractor where the Contractor has notice or knowledge that the subcontractor has been found in violation of Section 3.
4. Contractor will provide certifications in form and substance required by Owner, at such times as Owner may request, certifying (i) Contractor's compliance with Section 3, and (ii) as to such facts and circumstances pertaining to Section 3 as Owner may require or request, including certification with respect to total number of labor hours worked under this Contract, labor hours worked by Section 3 Workers (as defined in Section 3), and labor hours worked by Targeted Section 3 Workers (as defined in Section 3).
5. Contractor's noncompliance with Section 3 may result in sanctions, termination of this Contract for default, and debarment or suspension from future HUD-assisted contracts.
6. Contractor agrees to perform any further acts and execute and deliver any further documents that may be reasonably necessary to carry out the provisions and intent of this Section \_\_ or otherwise to ensure compliance with Section 3.

**SECTION 01 10 00 SUMMARY OF WORK**

**PART 1 – GENERAL**

**1.1 SUMMARY**

- A. This section includes the following:
  - 1. Work covered by the Contract Documents.
  - 2. Work by Owner or under other contracts.
  - 3. Contractor design elements.
  - 4. Contractor's use of premises.
  - 5. Owner's occupancy requirements.
  - 6. Existing utilities.
  - 7. Contractor identification.

**1.2 WORK COVERED BY CONTRACT DOCUMENTS**

- A. Project Identification:  
The project consists of the demolition and replacement of existing roofing membrane, installation of fall arrest anchors, and related work on the following building:  
Willow Street Apartments  
3803 S. Willow Street  
Seattle WA 98118
- B. Owner: Seattle Housing Authority  
190 Queen Anne Avenue N  
PO Box 19028  
Seattle, WA 98109-1028
- C. The Work shall include providing all supplies, tools equipment, scaffolding, shoring, transportation, utilities, services, superintendence, and labor, including architectural, structural, and electrical improvements, and the furnishing of all materials, items, and accessories needed for the total construction of the project in strict conformance with the Contract Documents.
- D. The intent of the Contract Documents is that the Contractor will produce a complete project with all materials and equipment in place and all systems operative.
- E. The Work at the low slope roof includes, but is not limited to the following elements of a roof replacement project: Removal and proper disposal of existing roofing membrane, deteriorated roof sheathing (if applicable), batt insulation, cants, flashing details, perimeter metal and counter-flashing and the installation of new insulation and roof sheathing for a complete Cold-applied Soprema 2-ply SBS Modified Bituminous Membrane roof system. The Soprema roofing system is to include but not be limited to new cants and premium base flashing; new perimeter nailers and built-up parapets; new perimeter coping metal and equipment counter-flashing, reglets, crickets, and all incidentals as specified to meet the low slope roof system, manufacturer's requirements, and Warranty/Guarantee requirements.
- F. The installation of a fall arrest anchor system to code.
- G. Project will be constructed under a General Construction Contract. All work will be performed and installed to building code and industry best practices.

1.3 WORK BY OWNER OR UNDER OTHER CONTRACTS

- A. General: Cooperate fully with separate contractors (if applicable), consultants (if applicable) and Owner's maintenance personnel so work on those contracts may be carried out smoothly and as scheduled, without interfering with or delaying work under this Contract. Coordinate the Work of this Contract with work performed by the Owner or by others under separate contracts.

1.4 CONTRACTOR DESIGN ELEMENTS

- A. Should any work under this Contract require Contractor design, Contractor shall comply with the following requirements:
  - 1. Submit Shop Drawings and Calculations to Owner for review.
  - 2. Submit Shop Drawings and Calculations to governing agency for approval and permits as required.

1.5 CONTRACTOR USE OF PREMISES

- A. Use of Site: Limit use of premises to areas approved by Owner. Do not disturb portions of project site beyond areas within which the Work is indicated to occur
  - 1. Owner Occupancy: Allow for Owner occupancy of Project site and use by residents and other users.
  - 2. Staging Areas: Site area is limited. Obtain approval from Owner, in writing and in advance, for use of areas for staging and other construction operations. On-site parking is for residents and site SHA staff only. Contractor shall park off-site. Parking spaces may be made available with prior Owner approval when required for staging of equipment, material delivery and debris disposal.
  - 3. Driveways and Entrances: Keep driveways, entrances, and loading areas serving the premises clear and available to the Owner, the Owner's employees, residents, other users, and emergency vehicles at all times. Do not use these areas, at any time, for parking, storage of materials, or placement of containers used for collection of demolition debris.
  - 4. Deliveries: Schedule deliveries and debris pick-ups to minimize use of driveways and entrances, to minimize space and time requirements for storage of materials and equipment on-site, and to minimize construction traffic during high-volume bus drop-off and pick-up times. Deliveries to site shall not be permitted without prior approval by, and coordination with the Contractor.
- B. Use of the Existing Building : Maintain the existing building in a weathertight condition throughout the construction period. Repair all damage to building interiors / exteriors of building and adjacent areas caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period. Protect all walkways, driveways and entries from dust and debris during the construction process. Contractor shall clean daily all dust and debris. Contractor shall cover and protect areas adjacent to work areas from dust and debris.
- C. Daily Clean-Up: Contractor shall be responsible for complete daily clean-up and legal disposal, off site, of all debris generated during and from the work. Owner will not provide personnel for providing routine housekeeping services. Contractor shall be responsible for providing portable outdoor toilets (self contained outhouse) in the number required to accommodate its workforce throughout the construction period.

- D. The Owner will provide electricity and water for Contractor's construction operations, except as noted below.
- E. Normal working hours shall be 8:00 a.m. to 5:00 p.m., Monday through Friday, except holidays including the following: New Year's Day, Martin Luther King Jr.'s Birthday, President's Day, Memorial Day, Juneteenth, Independence Day, Labor Day, Thanksgiving Day and the day following Thanksgiving, and Christmas Day. Work shall not be performed outside normal working hours without prior approval from Owner. Approval does not constitute authorization for payment of overtime pay rates by the Owner.

#### 1.6 OCCUPANCY REQUIREMENTS

- A. Owner Occupancy: Building will be fully occupied and shall be kept in normal operating conditions at all times. Contractor is responsible for providing temporary water and power during shutdowns required to accomplish the work.

##### Special Precautions:

During the Contractor's construction of the work, the building will continue to be occupied. Protect the health and safety of the occupants at all times, including maintaining use of exit stairways, corridors, and doors. Contractor shall take all necessary precautions to ensure minimal disturbance to residents. Interruption of building access and occupancy will not be permitted without Owner's prior approval. Limit construction operation and methods to those that will not unduly affect the environment of the resident-occupied spaces, including noise, dust, odors, hazards and other undesirable effects and conditions. Schedule work activities to ensure that the Owner and/or Contractor is able to notify residents at least forty eight hours in advance of the day Contractor will be entering any residential units.

- B. The Owner will prepare a letter of Substantial Completion for the building.
- C. On Substantial Completion, Owner will assume responsibility for maintenance of newly installed systems.
- D. Resident Notification: Contractor shall be responsible for maintaining the resident notification process. Seattle Housing Authority's policy, and law, is that residents be notified 48 hours in advance of any entry into resident units to perform work. SHA's Project Manager will assist the Contractor in this process.
- E. Emergency Contact: Prior to the start of construction furnish the Owner, in writing, the names and telephone numbers of individuals to be contacted in the event of an out-of-hours emergency at the building site. Post a similar list readily visible from the outside of the field office or at a location acceptable to the Owner of the building.

#### 1.7 EXISTING UTILITIES

Utilities of record are shown on the Drawings insofar as possible to do so. These, however, are shown for convenience only and the Owner and Design Team assume no responsibility for improper locations or failure to show utility locations on the Drawings. The Contractor is responsible for determining the location of all existing utilities (using due diligence including locate services, available drawings, and site observation) prior to commencing work. Contractor shall immediately repair and restore operation of any utilities damaged during construction and conform to utility company's repair requirements.

#### 1.8 CONTRACTOR IDENTIFICATION

Contractor and subcontractor personnel shall wear identification badges or company logo clothing and wear them in a visible location at all time while on SHA premises. Contractor and



subcontractor personnel found not wearing a badge may be subject to being dismissed from the project premises and only being allowed to return when wearing the proper badge.

END OF SECTION 01 10 00

SECTION 01 11 20 - CONTRACT REQUIREMENTS

PART 1 - GENERAL

RELATED DOCUMENTS

Drawings and general provisions of the contract, including General Conditions and other Division 1 Specification Sections, apply to this section.

1.1 PRE-CONSTRUCTION CONFERENCE

Prior to beginning the Work, the Contractor shall meet with the Owner to coordinate the Progress Schedule, to verify procedures and to discuss other requirements that may be of concern to any of the parties involved.

1.2 CONTRACT RESTRICTIONS

- A. Time of Completion: The work of this Contract shall commence immediately after the effective date of the Notice To Proceed and shall be Substantially Complete **no later than 90-Calendar Days from Notice to Proceed Date**. It is hereby understood and mutually agreed, by and between the Contractor and the Owner, that the date of beginning and the time for completion as specified in the contract of work to be done hereunder are ESSENTIAL CONDITIONS of this contract. It is further mutually understood and agreed that the work embraced in this contract shall be commenced on a date to be specified in the Notice to Proceed. It is anticipated that the date of Final Completion be no later than **90-Calendar Days from Notice to Proceed Date**. The Contractor agrees that said work shall be prosecuted regularly, diligently, and uninterruptedly at such rate of progress as will insure full completion thereof within the time specified. It is expressly understood and agreed, by and between the Contractor and the Owner, that the time for completion of the same has taken into consideration the average climatic range and usual industrial conditions prevailing in this locality.
- B. Extensions of Time: Should an extension of time be granted to the Contractor, he/sheshall indemnify and save harmless the Owner for any loss to any other Contractor caused by such extension of time.

1.3 CHANGES IN THE WORK

Refer to Part 7 of the General Conditions.

1.4 INSTRUCTIONS

All instructions will be given to the Contractor, or his/her authorized agent, by the Owner's Representative for distribution to all subcontractors or tradesmen on the Work; in like manner all communication from subcontractors and tradesmen on the Work to the Owner will be given through the Contractor. No subcontractors or tradesmen shall contact the Owner to discuss the Work, except as the Contractor may arrange.

1.5 WASTE SITES

- A. The Contractor shall select his/her own waste sites not upon the job site or any property contiguous thereto. The Contractor is solely and alone responsible for any and all damages done or regulations violated in the disposal of waste material, and for any other

actions which he/she performs. Contractor holds the Owner faultless and free from liability for any and all damages and costs incurred as a result of Contractor's actions.

B. It shall be the responsibility of the Contractor to pay all fees and costs incurred in the testing, packaging, transportation and disposal of waste material.

C. Dispose of all waste in a legal manner at appropriate, off site legal waste sites.

#### 1.6 STORAGE OF TOOLS AND MATERIALS

Storage of tools and materials on the site shall always be subject to the satisfaction of the Owner. The Owner shall assume no responsibility or liability for materials and equipment stored on the site. Refer to Section 5.08 of the General Conditions.

#### 1.6 SIGNS

Posting of any and all signs are subject to the satisfaction of the Owner.

#### 1.7 WATER AND POWER

Contractor to supply temporary utilities unless other arrangements are approved by SHA Project Manager.

#### 1.9 PROTECTION OF PUBLIC AND PRIVATE UTILITIES/PROPERTY

A. The Contractor shall be responsible for any breakage of utilities or services resulting from his/her operations and shall hold the Owner and its agents harmless from any claims resulting from disruption of service or damage to utilities.

B. The Contractor shall be responsible for any damage to improvements in the City right of way including, but not limited to, streets, sidewalks, curbs and the like and shall repair any damage prior to project's acceptance. Prior to the start of Work the Contractor shall document in writing and photographs any existing damage to adjacent streets, sidewalks, curbs etc. and submit to Owner's Representative for the Project record.

#### 1.10 DUST CONTROL

Keep dust down at all times, including non-working hours, weekends and holidays.

#### 1.11 AIR QUALITY

Comply with all applicable standards, order, or regulations issued pursuant to the Clean Air Act of 1970.

#### 1.12 PROTECTION

See Section 5.11 of the General Conditions

END OF SECTION 01 11 20

SECTION 02 05 00 - DEMOLITION

PART 1 - GENERAL

- A. Work shall include all demolition work as required to complete reroofing work as described herein. Carefully remove the specified low-slope roofing assemblies, associated metal flashings, and plywood sheathing. Remove residue and prepare substrates to receive new roofing as required by roofing system manufacturer. All adjacent or other work in the building or on site damaged by the Contractor shall be repaired or replaced at Contractor's expense.
- B. Contractor is fully responsible to protect all adjacent surfaces from damage, including but not limited to the adjacent roof surfaces, exterior finishes, windows, and doors on the exterior walls. All damage to adjacent surfaces and materials shall be restored at the Contractor's expense back to pre-work conditions.
- C. Allow no debris to accumulate in or on building, on grounds, streets, or walks. Remove debris from site as demolition work progresses. Legally dispose of debris at Contractor's expense.
- D. Provide for public protection as required by law. Keep streets and walks clean and free from obstruction. Furnish, install, and maintain for the duration of work all required scaffolds, chutes, tarpaulins, barricades, canopies, warning signs, platforms, and any other temporary construction necessary for proper completion of the work in compliance with all pertinent safety and other regulations.
- E. Provide additional protection at interior ceiling penetrations to minimize dust and debris infiltration as required.

END OF SECTION 02 05 00

SECTION 06 10 00 – ROUGH CARPENTRY AND SHEATHING

GENERAL – PART 1

1.1 Summary:

- A. This Section includes but is not limited to the following:
  - 1. Furnish and install new plywood sheathing.
  - 2. Furnish and install new preservative treated (no ACQ treated wood will be accepted) wood blocking at parapet walls, mechanical curbs as necessary.
  - 3. Furnish and install new preservative treated (no ACQ treated wood will be accepted) wood framing (to match new insulation and coverboard) to match dimension of flange of new draining edge metal at the perimeter edge.
- B. Related Sections:
  - 1. General Conditions and Division 01 apply to this Section.
  - 2. Division 07 59 10 - Preparation for Reroofing

PRODUCTS - PART 2

2.1 General:

- A. Plywood: Meet Requirements of PS 1-83/ANSI A199.1 except where APA Performance Rated units are specified. Every sheet shall bear appropriate APA grade stamp identifying species of plywood or by Certificate of Inspection issued by approved lumber grading or inspection bureau or agency listed above. Plywood shall not exceed 18% moisture content when fabricated nor more than 19% when installed. Waferboard, Composite board, and Oriented Strand Board WILL NOT be accepted as equals. In all cases, thickness shown is minimum regardless of span rating. Material used for same purpose shall be of same thickness.
- B. Miscellaneous Framing Lumber: Douglas-Fir, No. 2 and better, 19 percent maximum moisture content, size as required to accommodate conditions, pressure preservative treated where in contact with concrete substrates.

2.2 Nails and Fasteners:

- A. Up to 15/32" panel - 8d common or box.
- B. 15/32" and thicker panel - 10d common or galvanized box.
- C. Dimensional Lumber - 16d common or galvanized box
- D. Concrete Fasteners - Rawl Spike, minimum 1/4 inch diameter

2.3 Pressure Treated Wood:

- A. Treat wood in contact with concrete or masonry with Disodium Octaborate Tetrahydrate (DOT) Borate in accordance with AWPA UC2, C9 and dried after treatment.
  - 1. Lumber grade and species shall be as specified for the particular use.

2. Identify treated lumber as to name of treater, preservative used, and retention in lbs/cu ft.
3. Season after treatment to moisture content required for nontreated material.

EXECUTION - PART 3

3.1 INSTALLATION:

A. General

1. Conform to applicable requirements of the following:
  - a. AFPA National Design Specification for Wood Construction for timber connectors.
  - b. AITC Timber Construction Manual for heavy timber construction.
  - c. AFPA WCD-number 1, Manual for House Framing for nailing and framing unless specified otherwise.
  - d. APA for installation of plywood or structural use panels.
2. Nail heads shall be flush with, but not penetrate, wood surface.
3. All framing work to be constructed true, level, plumb and square with existing structure.

B. Plywood Decking Replacement

1. Where deteriorated plywood decking is identified, replace with full ½"x4 x 8-foot sheet of plywood only.
2. Match fastener type and pattern to existing.

3.2 PROTECTION:

- A. Protect wood carpentry from moisture until roofing is installed.

END OF SECTION 06 10 00

SECTION 07 55 20 - (SBS) MODIFIED BITUMINOUS MEMBRANE ROOFING

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General Conditions and Division 01 Specification Sections, apply to this Section.
- B. This specification is a "Performance Specification" and is based on a defined manufacturer's system for establishment of the baseline standard only. The products listed are the minimum standard upon which a manufacturer's system will be approved as long as all other aspects of the specification are complied with. The installed system requires a manufacturer issued 20-year NDL warranty upon successful completion of the project.

1.02 SYSTEM DESCRIPTION

- A. Section Includes:
  - 1. Styrene-butadiene-styrene (SBS) – 3-ply modified bituminous membrane roofing.
  - 2. SBS membrane flashing.
  - 3. Roof insulation.
  - 4. Vapor retarder.
- B. Roofing system shall conform to the following:
  - 1. Wind Uplift: Factory Mutual 1-90.
  - 2. Fire: Underwriter's Laboratory Class A, UL labeled materials required.
- C. Sheet metal flashings shall conform with the following:
  - 1. Sheet Metal and Air Conditioning Contractors National Association's (SMACNA) publication titled "Architectural Sheet Metal Manual" current edition.
  - 2. Sheet metal flashings and related components shall include flashings necessary to direct water to the building exterior.
  - 3. Attachment of metal shall allow for thermal movement of materials without buckling, loosening and leakage.
  - 4. In no event shall fasteners be located within the laps of moving joints.
- D. Related Requirements:
  - 1. Section 07 60 00 "Flashing and Sheet Metal" for metal roof flashings and counter flashings.
  - 2. Section 07 59 10 "Preparation for re-roofing".

1.03 DESCRIPTION OF WORK

- A. Extent of built-up roof system work is indicated by provisions of this section and aforementioned related sections, and is defined to include the installation of a new cold-applied 2-ply SBS modified bitumen roofing system with granular cap sheet, and the detailing of the membrane at all roof penetrations, edges, drains, and mechanical equipment. Identify and utilize the services of painting, electrical, mechanical, telecommunications or plumbing subcontractors as required for completion of the work.

1.04 DEFINITIONS

- A. Roofing Terminology: Definitions in ASTM D 1079 and glossary of NRCA's "The NRCA Roofing and Waterproofing Manual" apply to work of this Section.

1.05 REFERENCED STANDARDS

- A. ASTM
  - 1. C 728 Specification for polyisocyanurate roof insulation
  - 2. D 41 Specification for asphalt primer used in roofing, damproofing and water-proofing
  - 3. D 312 Specification for asphalt used in roofing
  - 4. D 3090 Specification for asphalt roofing (glass felt) surfaced with mineral granules
  - 5. D 4586 Specification for asbestos-free roof cement
  - 6. D 4601 Specification for glass fiber base sheet
  - 7. E 108 Fire Tests of roof covering
  - 8. D 5147 Test method for modified bitumen roofing sheets
  - 9. CGSB 37-GB-56M
  - 10. ASTM D 6162
  - 11. ASTM D 6163, Grade G, Type II
  - 12. ASTM D 6163, Grade S, Type I
  - 13. ASTM D 6164, Grade G, Type II
  - 14. ASTM D 6222
  - 15. ASTM D 6223
- B. Manufacturer's Roofing Specification Catalog.

1.06 PRE-INSTALLATION MEETINGS

- A. Pre-installation Roofing Conference: Conduct conference at Project site located at: 3803 South Willow St, Seattle WA 98118
  - 1. Meet with Owner's representative, Owner's Consultants, Architect or Engineer (if applicable), and Owner's insurer (if applicable), testing and inspecting agency representative, roofing system manufacturer's representative, and installers whose work interfaces with or affects roofing, including installers of roof accessories and roof-mounted equipment.
  - 2. Review methods and procedures related to roofing installation, including manufacturer's written instructions.
  - 3. Review and finalize construction schedule, and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
  - 4. Review deck substrate requirements for conditions and finishes, including flatness and fastening.
  - 5. Review structural loading limitations of roof deck during and after roofing.
  - 6. Review base flashings, special roofing details, roof drainage, roof penetrations, equipment curbs, and condition of other construction that affects roofing system.
  - 7. Review governing regulations and requirements for insurance and certificates if applicable.
  - 8. Review temporary protection requirements for roofing system during and after installation.
  - 9. Review roof observation and repair procedures after roofing installation.
  - 10. Review and finalize construction schedule related to roofing work and verify availability of materials, installer's personnel, equipment and facilities needed to make progress and avoid delays.
  - 11. Review and finalize construction schedule related to roofing work and verify availability of materials, Installer's personnel, equipment and facilities needed to make progress and avoid delays.



12. Review weather and forecasted weather conditions, and staff and owner procedure for coping with unfavorable conditions.

1.07 ACTION SUBMITTALS

- A. Submittals are required to be reviewed and accepted by the Owner, prior to ordering materials and no less than 10 working days prior to the start of work. The contractor's ordering of material prior to the receipt of an accepted submittal does so at its own risk.
- B. Roof System Installation Specifications: Submit manufacturer's specifications for the roof systems proposed. Include special specifications to reflect special conditions at the deck, base flashing, flashing at existing equipment, pipe penetrations, equipment and piping supports, walkway pads, and roof drains.
- C. Product Data: At a minimum, submit manufacturers' product data for the following products to be used and installed.
  1. Asphalt primer. (as applicable)
  2. SBS modified flashing cement.
  3. Each type of roofing insulation, including cover board.
  4. Roofing interplay and cap sheets.
  5. Base flashing interplay and cap sheets.
  6. Termination bars and fasteners for base flashing.
  7. Roof walkway. (cap sheets)
  8. Pre-finished and stainless steel sheet metal. (as applicable)
  9. Sealants and associated primers.
  10. Solder.
  11. Fluid-Applied, Reinforced Resin.
  12. Splash Blocks.
  13. Rooftop equipment and piping supports.
  14. Cold-applied adhesives
- D. Shop Drawings:
  1. For the roofing system, submit plans, elevations, sections, and details showing attachment to other work. Submit alternate details when recommended by the manufacturer for completion of the roofing system.
  2. Submit sheet metal layout drawings.
  3. Flashing layout drawings shall indicate flashing materials, gauges, dimensions, profiles, jointing patterns, jointing details, fastening methods, and installation details for components including receivers, counter flashings, thru-wall scuppers, conductor heads, downspouts and associated hangers and sheet lead flashings at vent pipes and roof drains.
  4. Base flashings and membrane terminations.
  5. Crickets, saddles, and tapered edge strips, including slopes.
  6. Insulation fastening patterns for corner, perimeter, and field-of-roof locations.
- E. Material Safety Data Sheets (MSDS): Submit manufacturers MSDS sheets as part of the submittal package. A copy of MSDS sheets shall be available for review and located on-site at all times, during the roof replacement operation (either on the roof or in a designated staging/lay down area).
  1. Product Data: For adhesives and sealants used inside the weatherproofing system, documentation including printed statement of VOC content.

2. Laboratory Test Reports: For adhesives and sealants used inside the weatherproofing system, documentation indicating that products comply with the testing and product requirements of California Department of Public Health's (formerly, the California Department of Health Services') "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."
- F. Samples for Verification: For the roof and insulation sheet products being utilized on this project:
1. Two (2) 12X12 inch samples of each component of the roofing and flashing membranes and samples of fasteners.
  2. Sheet metal samples: Submit samples of finishes in the manufacturer's full line of standard colors for Owner selection.
- G. Qualification Data: For Installer, manufacturer, and testing agency;
1. Installer: minimum 10 years experience. Contractor, Roofer, Installer shall provide a letter from the manufacturer stating that the contractor is approved to install the specified roofing system and related components, and provide the specified warranties.
  2. Manufacturer: minimum 15 years experience.
- H. Manufacturer Certificates: Signed by roofing manufacturer certifying that roofing system complies with requirements specified in "Performance Requirements" Article;
1. Submit evidence of complying with performance requirements.
  2. All components must provide FM listing.
- I. Manufacturer's complete specifications.
- J. Sample Warranties: For manufacturer's special warranties.
- K. Fire Safety plan.

1.08 QUALITY ASSURANCE

- A. Prior to the work, the Contractor, as an authorized applicator, shall ascertain to his satisfaction that all aspects of these Specifications are workable as specified and that none conflict with the manufacturer's requirements for a twenty (20) year warranty for cold applied 2-ply SBS roofing system portion of work. Upon commencement of the work, it will be presumed that these Specifications are satisfactory to both the Contractor and the Manufacturer in their entirety.
- B. Dimensions, (if any) as contained in these Specifications shall be presumed to be approximate. In the event that site conditions uncovered during the work require modification to, or alteration of those dimensions to accomplish the work in accordance with the intent of these Specifications, the Contractor shall make the adjustments and indicate these revisions on project specific shop drawings as required to comply with that intent.
- C. Manufacturer Qualifications: Provide primary products, produced by a single manufacturer, which has produced that type product successfully. Provide secondary products on-

- ly as recommended by manufacturer of primary products for use with roofing system specified.
- D. Manufacturer Field Quality Control: A technical representative of the materials manufacturer shall be available for consultation at site with a maximum of 24-hour notice.
  - E. Installer Qualifications: A single Installer ("Roofer") shall perform the work of this section; and shall be a firm with successful experience in installation of built-up roofing systems similar to those required for this project and which is acceptable to or licensed by manufacturer of primary roofing materials. The installer should have a minimum of 5 years of experience with specified manufacturer.
  - F. Installer shall provide all personnel trained in the application of the materials and systems and shall maintain supervision as specified elsewhere.
  - G. Testing: The Owner reserves the right to perform any testing as may be required to determine compliance with these Contract Documents. Costs for such testing will be the Owner's responsibility unless testing indicated non-compliance. Costs for such testing indicating non-complying work shall be corrected and testing will be repeated until the work complies with the Contract Documents.
  - H. Provide built-up roofing system and component materials which have been tested for application and slopes indicated and are for Class A external fire exposure over combustible or non-combustible decks.
  - I. Provide roof covering materials bearing Classification Marking (UL) on bundle, package or container indicating that materials have been produced under UL's Classification and Follow-up Service.
  - J. Wind Uplift Attachment Requirements: All components must bear a stamp showing FM listing. System as installed shall comply with FM requirements for I-90 uplift requirements and comply with recommendations from Factory Mutual Loss Prevention Data Sheets 1-28S and ANSI/SPRI ES-1, "Wind Design Standard for Edge Systems Used With Low Slope Roofing Systems" except where these Contract Documents indicate more restrictive requirements

1.09 DELIVERY, STORAGE, AND HANDLING

- A. Deliver roofing materials to Project site in original containers with seals unbroken and labeled with manufacturer's name, product brand name and type, date of manufacture, approval or listing agency markings, and directions for storing and mixing with other components.
- B. Store liquid materials in their original undamaged containers in a clean, dry, protected location and within the temperature range required by roofing system manufacturer. Protect stored liquid material from direct sunlight.
  - I. Discard and legally dispose of liquid material that cannot be applied within its stated shelf life.
- C. Protect roof insulation materials from physical damage and from deterioration by sunlight, moisture, soiling, and other sources. Store in a dry location. Comply with insulation manufacturer's written instructions for handling, storing, and protecting during installation.

- D. Handle and store roofing materials, and place equipment in a manner to avoid permanent deflection of deck.

1.10 FIELD CONDITIONS

- A. Weather Limitations:
  - 1. Proceed with installation only when existing and forecasted weather conditions permit roofing system to be installed according to manufacturer's written instructions and warranty requirements.
  - 2. Roofing materials shall not be applied when water in any form, i.e., rain, dew, ice, frost, snow, etc. is present on roof deck.
- B. Roof Loading Limitations: Contractor shall not load or permit any part of the work to be loaded so as to endanger its safety or damage the roof deck. Do not exceed the design loads.

1.11 PROTECTIONS

- A. Provide tarps or plastic sheeting, as required, to adequately protect opened roofs and flashings and to prevent entrance of moisture or rain water into the existing structure until new materials have been applied and roof is in a water tight condition.
- B. Do not open up any more roof surface at one time than can be adequately covered and protected in the event of sudden unexpected rainfall.
- C. Have necessary waterproof canvas or plastic sheeting on site in area of work in case of emergency. Contractor will be held liable for any damage to building interior due to his negligence.
- D. Deliver materials to job site in sealed, undamaged, original containers imprinted with manufacturer's name, product name, and pertinent identifying numbers or markings.
- E. Protect from damage all exterior lighting, landscaped, tenant vehicles, owner vehicles and paved areas in/around/adjacent to the structure to be re-roofed.
- F. All surfaces to receive new membrane or flashing shall be thoroughly dry. Should excessive surface moisture occur, the Contractor shall provide the necessary equipment to dry the surface prior to application.
- G. All new and temporary construction, including equipment and accessories, shall be secured against wind blow-off or damage.
- H. The Contractor shall provide all necessary protection and barriers to segregate the work area and to prevent damage to adjacent areas.
- I. Prior to and during application, all dirt, debris, and dust shall be removed from surfaces by vacuuming, sweeping, blowing with compressed air and/or similar methods.
- J. All roofing, insulation, flashings and metal work removed for construction shall be taken off the site to a legal dumping area for disposal daily.
- K. Temporary Fire Protection:

1. Comply with all governing laws, codes and regulations to maintain required protection at all times. Conduct operations in manner that is fire-safe for the work area and adjacent areas. Proper fire extinguishers shall be provided, identified and maintained. The premise shall be maintained clear of rubbish, debris, or other materials constituting a potential fire hazard. A proper fire separation shall be maintained.
  2. Due to the use of roofing torches for the application the roofing membrane on a wood deck, the following fire prevention procedures are required:
    - a. Fire watch after the completion of days torch work.
    - b. Provide two fire extinguishers in the work areas for each torch in use.
    - c. Maintain a charged 3/4" water hose at each work area.
  3. Where significant or continued non-compliance with fire safety is noted, the Owner reserves the right to stop the work at no extra cost or extension of time pending remedial action. Furthermore, the Contractor shall be responsible for, and reimburse the Owner as appropriate, any fines or penalties levied by the Fire Department.
- L. Test all drains and document status:
1. Contractor to verify all drain lines and downspouts are functional prior to the start of work.
  2. Contractor to be responsible to assure drains are free draining upon completion of roofing work.
  3. Contractor to provide written documentation of conditions of drains and downspouts prior to start of work and completion of work.
- M. Roof must be in a weather tight and water tight condition at the end of each day, to include drain rings installed, downspouts connected and collectors in place.

#### 1.12 SAFETY

- A. Environmental Requirements
1. Apply roofing in dry weather. Do not apply roofing materials during precipitation, or commence work if precipitation is likely to occur during application. Deck/surfaces shall be dry to the touch during work.
  2. Do not apply roofing when ambient temperature is below 40 degrees F. or manufacturer's recommendation if greater/higher.
  3. Protect adjacent surfaces against marring, discoloration, asphalt spatter and spillage, and similar damage, prior to commencing work. Use plywood or other appropriate sheet materials as follows:
    - a. Lap suitable protective materials at least 3 inches.
    - b. Secure protective coverings against wind.
    - c. Leave protective covering in place for the duration of roofing work.
- B. Fire Extinguishers: A minimum of 2 large fully charged and operational fire extinguishers are on the roof near each torch while in operation. Fire extinguishers shall be in compliance with applicable codes and requirements of local fire official.
- C. HVAC and roof-top fan units must be shut down completely when open flame is in use within 6 feet or up-wind of unit intakes, or greater if warranted by wind conditions. Arrangements must be coordinated with building maintenance staff to schedule these

shutdowns. Roofing Contractor shall confirm that installation work has been stopped and/or completed and that conditions are acceptable prior to reactivation of HVAC equipment. A penalty of \$500.00, or the actual costs from Owner or City of Seattle Fire Departments etc, if greater, will be assessed to the roofing contractor in the event of a smoke/fire alarm, or interruption of building operations resulting from any smoke, fire or fume infiltration related to the roofing contractor's work.

- D. A safety, execution and notification plan must be on file with the SHA and maintenance staff in case of any fire, smoke or smell issues.
- E. The building will remain in operation and the public must be protected from the dangers of this work including delivery, storage and installation of materials. The building operations must not be affected by this work to the extent possible with the exception of temporary HVAC shutdowns. Any disruptions to normal building activities or access must be coordinated with building facility manager and Owner.

### 1.13 WARRANTY

- A. Contractor's Warranty Agreement: Submit two (2) executed copies of standard two-year "Roofing Guarantee" on form included at end of this section, covering work of this section including roofing membrane, flashings, roof insulation, sheet metal, and roofing accessories, signed and countersigned by Installer (Roofer) and Contractor.
- B. For a two-year period from the date of completion and Owner's acceptance, Contractor agrees to inspect and make necessary repairs to defects or leaks in the roof and flashings. Emergency leaks will be attended to within twenty-four (24) hours from receipt of notice from Owner. As soon as weather permits, Contractor will restore affected areas to standards of this contract without voiding the manufacturer's Warranty and repair any damages from these leaks without cost to the Owner, except for leaks caused by abuse to roof by others or by abnormal weather conditions such as lightning, severe hail, or other unusual climactic phenomena. This Guarantee shall be submitted to the Owner in writing and approved before final payment is released for the project.
- C. Roof Membrane Manufacturer's Guarantee: The built-up roofing materials manufacturer shall provide a written fifteen-year warranty signed by a corporate officer for an unlimited penal sum guarantee covering both materials and installation of the materials and systems including insulation. The roofing membrane system has been specified to accept ponding water. The warranty must not exclude standing or ponding water. The warranty shall be written to allow for minor roofing repairs by the Owner.
- D. Submit to the Owner a manufacturer's unlimited penal sum guarantee covering all repairs/replacements to keep the roof, including the field and flashing, watertight for period of twenty (20) years beginning at the time of the Owner's acceptance of substantial completion. Include the cost of this Guarantee in the contract price.
- E. The Guarantee shall be executed by manufacturer to cover all costs for repairs necessary to stop leaks which occur as a result of, but not limited to, the following:
  - 1. Deterioration of the roofing membrane or base flashing system resulting from ordinary wear and tear by the elements.
  - 2. Workmanship on the part of the Approved Roofing Contractor in application of the roofing membrane or base flashing system.
  - 3. Blisters, fishmouths, bare spots, ridges or wrinkles in the built-up roof.

4. Splits or cracks in the built-up roofing not caused by structural movement.
  5. Slippage of the built-up roofing membrane or base flashing.
- F. If, within, 24 hours after notification of roof leakage Contractor has not responded, Owner shall have the right, without invalidating his Guarantees and at the expense of the Contractor, to make any emergency repairs that are required in order to protect the building and contents from damage due to roof leakage.
- G. Should roof samples be required by manufacturer, and if for any reason deficiencies are found within the samples, Contractor will at his expense, make repairs as necessary to correct deficiencies and satisfy manufacturer's requirements.

## **PART 2 - PRODUCTS**

### **2.01 MATERIALS, GENERAL**

- A. Provide materials complying with governing regulations, and which can be installed to comply with the following:
1. Certified Laboratories and ICC approved for a Class "A" rating. Provide documentation.
- B. Warranty Requirements: Roof membrane manufacturer must approve the use of all accessory materials and include them in their Guarantee.
- C. General: These specifications and details are based on a roofing system from Soprema without further reference to "approved equal". Manufacturer listed is referenced for standard of quality, type and function. Provide products of this manufacturer or other manufacturers that are totally compatible and interchangeable, part for part with the specified system.
- D. Approval of alternate systems is required prior to bid. To be approved as an "equal" system submit or respond to all items in "Quality Assurance" and "Submittal" sections of this specification. All submittals must be received in the Owner's office a minimum of ten (10) calendar days prior to bid / finalize purchase agreements/ finalizing work orders.

### **2.02 PERFORMANCE REQUIREMENTS**

- A. General Performance: Installed roofing and base flashings shall withstand specified uplift pressures, thermally induced movement, and exposure to weather without failure due to defective manufacture, fabrication, installation, or other defects in construction. Roofing and base flashings shall remain watertight.
1. Accelerated Weathering: Roofing system shall withstand 2000 hours of exposure when tested according to ASTM G 152, ASTM G 154, or ASTM G 155.
  2. Impact Resistance: Roofing system shall resist impact damage when tested according to ASTM D 3746 or ASTM D 4272.
- B. Material Compatibility: Roofing materials shall be compatible with one another and adjacent materials under conditions of service and application required, as demonstrated by roofing manufacturer based on testing and field experience.
- C. FM Global Listing: Roofing, base flashings, and component materials shall comply with requirements in FM Global 4450 or FM Global 4470 as part of a roofing system, and shall be listed in FM Global's "RoofNav" for Class 1 or noncombustible construction, as applicable. Identify materials with FM Global markings.

1. Fire/Windstorm Classification: Class 1A-90
  2. Hail-Resistance Rating: MH.
- D. Exterior Fire-Test Exposure: ASTM E 108 or UL 790, Class A; for application and roof slopes indicated; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

2.03 BUILT UP ROOF SYSTEM

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
1. Soprema 2-ply Cold Applied SBS Roofing System
  2. Or approved equal
- B. Source Limitations: Obtain components including roof insulation, fasteners for roofing system from same manufacturer as membrane roofing or manufacturer approved by membrane roofing manufacturer.
- C. SBS Cap Sheet:
1. Sopralene 180 FR GR (Basis of Design).
  2. Or approved equal.
  3. Granule color to be selected by Owner.
- D. Interply Sheet:
1. Sopralene 180 Sanded Ply Sheet.
  2. Or approved equal.
- E. Base Sheet:
1. Sopralene 180 Sanded
  2. Or approved equal.
- F. Cold Applied Adhesive:
1. Soprema Colply Adhesive
  2. Or approved equal.
- G. Base Flashing Plys:
1. Mechanically attached base sheet - Soprema Modified Sopra G
  2. First Ply – Sopralene 180 Sanded.
  3. Surfacing Ply - Sopralene 180 FR GR.
  4. Adhesive – Soprema Colply Flashing Cement
  5. Or approved equal.
- H. Reinforced Fluid Applied Flashing Membrane System, as specified in Section 07 53 00: Alsan RS, Kemporal AC, Siplast Parapro 123, or approved equal.



- I. Roof Cement: Cut-back flashing cement compound fortified with non-asbestos fibers, fillers, and solvents and manufactured per ASTM D 4586, Type III; Soprema Colply, or approved equal.
- J. Primer: Asphalt primer to comply with ASTM D-41; Soprema Elastocol 500, or approved equal.

#### 2.04 AUXILIARY ROOFING MATERIALS

- A. General: Auxiliary materials recommended by roofing system manufacturer for intended use and compatible with roofing.
  - 1. Liquid-type auxiliary materials shall comply with VOC limits of authorities having jurisdiction.
  - 2. Adhesives and sealants that are not on the exterior side of weather barrier shall comply with the following limits for VOC content:
    - a. Plastic Foam Adhesives: 50 g/L.
    - b. Gypsum Board and Panel Adhesives: 50 g/L.
    - c. Multipurpose Construction Adhesives: 70 g/L.
    - d. Fiberglass Adhesives: 80 g/L.
    - e. Contact Adhesives: 80 g/L.
    - f. Other Adhesives: 250 g/L.
    - g. Non membrane Roof Sealants: 300 g/L.
    - h. Sealant Primers for Nonporous Substrates: 250 g/L.
    - i. Sealant Primers for Porous Substrates: 775 g/L.
- B. Adhesives and sealants that are not on the exterior side of weather barrier shall comply with the testing and product requirements of the California Department of Public Health's (formerly, the California Department of Health Services') "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."

#### 2.05 MISCELLANEOUS MATERIALS

- A. Perlite Cant and Taper Edge: Manufacturer's standard bonded expanded perlite cant material 3 1/2 inches size except where smaller size required.
- B. Lead Flashing: ASTM B 749, Type L51121, copper-bearing sheet lead, minimum 4 lb/sq. ft (0.0625-inch thick) except not less than 6 LB/sq. ft (0.0937-inch thick) where welding is indicated. Unless recommended otherwise by the roofing manufacturer to meet guaranty requirements, install lead flashing prior to installation of cap sheet. Verify proper formation of drain sumps in insulation as detailed.
- C. Mineral Granules: Loose mineral granules same color as granular surfaced cap sheets.
- D. Continuous Termination Bar: Aluminum, 094" x 1/35" x 120".
- E. Drains, Drain Clamping rings and Drain Strainers: Cast Iron, model and size to match existing drain bowls.

- F. Roof Fastener Plate: OMG Standard Roofing Steel Plates for Fasteners – 3” Galvalume Plate

### **PART 3 - EXECUTION**

#### **3.01 PREPARATION**

- A. Notify the Owner for an inspection of substrates before covering.
- B. Substrate shall be clean and dry, smooth, free of fins, sharp edges, existing nails and loose foreign materials. Repair roof deck deficiencies, and prepare any deck defects prior to application of new roof system.
- C. Prepare all surfaces and details in accordance with manufacturer's printed instructions and Contract Documents.

#### **3.02 GENERAL INSTALLATION REQUIREMENTS**

- A. Cooperate with inspection agencies engaged or required to perform roofing application inspection services in connection with roofing system installation.
- B. Safety Precautions: Take all necessary safety precautions to protect Owner premises, tenants, public and workmen from any and all hazards related to this project. Safety precaution includes, but is not limited to, the proper type and number of fully charged fire extinguishers, trained personnel to operate extinguishers, safety barricades, safety fences such as "early warning lines", required safety meetings, and "Fall Protection Work Plan"
- C. Do not apply roofing unless correct adhesive application temperatures can be maintained.
- D. To avoid displacement of asphalt and adhesive and interply voids, ensure that no heavy objects are placed on the membrane including walking on or over freshly laid plys. Work all plys from upslope or in front of the roll.

#### **3.03 PRIMER**

- A. Material may be applied by brush, spray or roller.
- B. Do not dilute material.
- C. Apply at a nominal rate of one gallon per 100 square feet. Allow to dry thoroughly prior to application of roofing materials.

#### **3.04 ROOF CEMENT**

- A. Material may be applied by either trowel or by hand.
- B. Do not dilute material.

#### **3.05 SUBSTRATE PREPARATION**

- A. Penetrations, General: Extend as required all soil pipe stacks and through roof penetrations to be 8" above finished roof surface. Extend curb height by raising rooftop equip-

ment as detailed and extending curbs to provide 8 inches minimum base flashing height above finished roof surface.

- B. Remove existing built-up roofing, base sheet under Section 07 59 10 "Preparations for re-roofing". Examine substrate for damage and, upon approval of the Architect, damaged and deteriorated surfaces shall be replaced. Examine joist insulation for moisture and, upon approval of the Architect or owners rep, insulation shall be replaced.

### 3.06 ROOF MEMBRANE INSTALLATION

- A. Install membrane materials and related systems in accordance with Manufacturer's current published application instructions for the method specified and these contract documents. Application of roofing shall immediately follow application of insulation assembly as a continuous process with no phased application unless by prior approval from the Architect and manufacturer. All valleys and transitional edges need to have an additional SBS reinforcing ply.
- B. Lay ply sheets so that the flow of water is in a direction with or parallel to, but never against the lap. Laps shall not buck water and shall be totally sealed.
- C. All plies shall be fully adhered and the cap sheet cold applied fully and continuously adhered. All plies shall be thoroughly adhered and completely bonded.
- D. Adhere the ply sheets per manufacturer's requirements. Install with minimum 4" end laps a minimum of 36" apart.
- E. Adhere the SBS granular cap sheet per manufacturer's requirements. Install with minimum 4" end laps and minimum of 3" side laps.
- F. All exposed asphalt will be covered with mineral granules. Lap seams of the layers shall not be stacked and will be separated by a minimum of 12-inches. Stacked laps shall be sufficient cause for rejection of the roof.

### 3.07 BASE FLASHING INSTALLATION

- A. Base Flashing:
  1. Mechanically attached base sheet shall be installed prior to the placement of the cant strip and in conjunction with the base sheet installed in the field of the roof.
  2. Adhere base sheet over the interply then mechanically attached base sheet installed at the parapet wall, extending at least eight inches up the curb or wall or down the exterior face of the wall below the nailer two inches. Extend this ply at least four inches beyond the base of the cant strip, onto the interplay.
  3. Cold apply the surfacing ply over the interply of the base and wall flashing and over the surfacing ply of the field assembly. The flashing membrane shall be of sufficient length to extend from the top edge of the flashing surface or the face of the exterior wall to a minimum of six inches past the base of the cant strip or at least two inches further onto the roof than the preceding interply whichever is greatest.
  4. Fasten the top edge of the base and wall flashing approximately every eight inches with appropriate fasteners through on inch diameter metal discs.
  5. Seal the top edge of the base flashing, including all nail heads, as well as all inside and outside corners with roof cement and reinforcing fabric (Three Course). Under

surface mounted counter-flashing, a three-course seal of asphalt roof cement and reinforcing fabric is required (woven glass fabric embedded into and covered with roof cement). Use granules to cover any exposed mastic.

6. Completely bond all flashings to the underlying surface without any looseness, bubbles, or voids. Remove and replace any loose flashing materials.

B. Roof Drain Flashing:

1. Before start of the job and after complete installation of the roofing system, inspect and test all roof drains to assure free flow of water and that no clogging of the drainage system is present.
2. At roof drains clean clamping surfaces of all cement and other material preventing continuous contact of clamping surfaces, provide new clamping rings and drain strainers. Clean drain bowl of all asphalt residue.
3. Remove drain rings prior to built-up roof application.
4. Pre-prime 4 lb sheet lead drain flashings with two (2) coats asphalt primer. Set lead in even 1/8" layer of asphalt roof cement. All field plies shall extend under clamping ring and shall be fully adhered.
5. Extend roof plies into the drain under the clamping ring.
6. Bolts at clamping ring are to be tightened daily in sequential fashion while membrane is still warm to evenly compress membrane. Install strainer dome over roof drains daily.

C. Flanged Sleeves and Accessories:

1. Set flanges into plastic roof cement over the installed roof plies and fasten securely to the underlying deck or wood nailers (fastening is not required for lead flanges).
2. Prime flanges, including pipe flashing sleeves, edge flashing (gravel-stop), flanged units, scuppers, etc., on both sides and flash on the roof with at least two (2) plies of ply sheet embedded into asphalt. The first ply shall extend a minimum of four inches beyond the flange onto the roof. The second ply shall extend a minimum of four inches further onto the roof than the first ply.

3.08 ACCESSORY INSTALLATION

- A. Roof Walkway: Cold-apply walkway cap sheet. Three rolls cut into three by four foot sections with a minimum one inch space between each piece, placement as approved by owner
- B. Roof Protection Board: Install protection board in manufacturer's SBS adhesive. Install in the configurations indicated, but in no case less than 2 inches beyond the sides of each item.
- C. Lead Drain Flashings:
  1. Install SBS polyester reinforced cap sheet sealed into roof drain clamping ring. Set clamp rings into place and tighten before leaving the Project each day.
  2. Replace drain clamping ring bolts with new bolts and washers. All-thread is not acceptable for use at these locations. Length of bolts shall be as appropriate without the copious use of washers for shimming.
  3. Unless recommended otherwise by the roofing manufacturer to meet guaranty requirements, install lead flashing prior to installation of cap sheet.

4. Verify proper formation of drain sumps in insulation as detailed. Prime lead flashing and allow to dry, and then set in flashing cement over interply; and turn into drains. Strip in with interply sheet, extended 6 inches and 10 inches beyond edge of lead flashing; turn into drains.
- D. Conduit and Vent Penetrations:
1. Install Fluid-Applied, Reinforced Resin at all penetrations in accordance with manufacturer's requirements.
  2. Ensure that reinforcing fabric extends a minimum of 4" up all penetrations.
- E. Splash Blocks:
1. Install per manufacturer's requirement. Set splash blocks atop walkway material and set block in adhesive compatible with block and roofing membrane.
- F. EQUIPMENT SUPPORTS
1. Roofing contractor shall provide and replace the existing wood supports with Dura-Blok manufactured by Cooper B-Line, Highland, IL (800) 851-7415. (or equal). Type as appropriate to replace existing rooftop conduit supports.
  2. Wood supports to be replaced underneath cable trays with pressure treated lumber size to match existing rooftop supports.
  3. All rooftop supports will have an extra piece of cap sheet installed underneath. This cap sheet will be secured to the roof and extend beyond the supports a minimum one inch in all directions.

### 3.09 PROTECTING AND CLEANING

1. Protect roofing system from damage and wear during remainder of construction period. When remaining construction does not affect or endanger roofing, inspect roofing for deterioration and damage, describing its nature and extent in a written report, with copies to Architect and Owner.
2. Correct deficiencies in or remove roofing system that does not comply with requirements, repair substrates, and repair or reinstall roofing system to a condition free of damage and deterioration at time of Substantial Completion and according to warranty requirements.
3. Clean overspray and spillage from adjacent construction using cleaning agents and procedures recommended by manufacturer of affected construction.
4. Remove trash, debris, and equipment from job site and leave the job site in clean condition. All loose mineral granules shall be removed from the roof and disposed of.

END OF SECTION 07 55 20

SECTION 07 59 10 -- PREPARATION FOR RE-ROOFING

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General Conditions and Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY

- A. Section Includes:
  - 1. Full tear-off of entire roof.
  - 2. Removal of base flashings.
  - 3. Removal of parapet cap and flashings.
  - 4. Removal of plywood sheathing and batt insulation (-if applicable).
- B. Related Requirements:
  - 1. Section 01 10 00 "Summary" for use of the premises and any phasing requirements.

1.03 UNIT PRICES

- A. Per KDCA/Progressive Services, Inc. Master Contract. (Not applicable)

1.04 DEFINITIONS

- A. Roofing Terminology: Definitions in ASTM D 1079 and glossary of NRCA's "The NRCA Roofing and Waterproofing Manual" apply to work of this Section.
- B. Full Roof Tear-Off: Removal of existing roofing system from concrete or plywood deck (as applicable).

1.05 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: Include plans, sections, and details.

1.06 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.
  - 1. Include certificate that Installer is approved by warrantor of roofing system.
- B. Fastener pull-out test report.
- C. Photographs or Videotape: Show existing conditions of adjoining construction and site improvements, including exterior and interior finish surfaces that might be misconstrued as having been damaged by reroofing operations. Submit before Work begins.

- D. Landfill Records: Indicate receipt and acceptance of demolished roofing materials and hazardous wastes, such as asbestos-containing materials, by a landfill facility licensed to accept them.

#### 1.07 QUALITY ASSURANCE

- A. Regulatory Requirements: Comply with governing EPA notification regulations before beginning roofing removal. Comply with hauling and disposal regulations of authorities having jurisdiction.
- B. Reroofing Conference: Conduct conference at Project site.
  - 1. Meet with Owner; Architect; Owner's insurer if applicable; testing and inspecting agency representative; roofing system manufacturer's representative; roofing Installer, including project manager, superintendent, and foreman; and installers whose work interfaces with or affects reroofing, including installers of roof deck, roof accessories, and roof-mounted equipment.
  - 2. Review methods and procedures related to roofing system tear-off and replacement, including, but not limited to, the following:
    - a. Reroofing preparation, including roofing system manufacturer's written instructions.
    - b. Temporary protection requirements for existing roofing system components that are to remain.
    - c. Existing roof drains and roof drainage during each stage of reroofing, and roof-drain plugging and plug removal.
    - d. Construction schedule and availability of materials, Installer's personnel, equipment, and facilities needed to avoid delays.
    - e. Existing roof deck conditions requiring notification of Architect.
    - f. Existing roof deck removal procedures and Owner notifications.
    - g. Condition and acceptance of existing roof deck.
    - h. Structural loading limitations of roof deck during reroofing.
    - i. Base flashings, special roofing details, drainage, penetrations, equipment curbs, and condition of other construction that affect reroofing.
    - j. HVAC shutdown and sealing of air intakes.
    - k. Shutdown of fire-suppression, -protection, and -alarm and -detection systems.
    - l. Governing regulations and requirements for insurance and certificates if applicable.
    - m. Existing conditions that may require notification of Architect before proceeding.

#### 1.08 FIELD CONDITIONS

- A. Existing Roofing System: Asphalt built-up, as indicated in the pre-bid inspection.

- B. Owner will occupy portions of building immediately below and adjacent to reroofing area. Conduct reroofing so Owner's operations are not disrupted. Provide Owner with not less than 72 hours' notice of activities that may affect Owner's operations.
  - 1. Coordinate work activities daily with Owner or Owner's Representative so that protective dust and water-leakage covers can be placed over equipment and furnishings, shut down HVAC and fire-alarm or detection equipment if needed, and evacuate occupants from below work area.
- C. Protect building to be reroofed, adjacent buildings, walkways, site improvements, exterior plantings, and landscaping from damage or soiling from reroofing operations.
- D. Maintain access to existing walkways, corridors, and other adjacent occupied or used facilities.
- E. Conditions existing at time of inspection for bidding are maintained by Owner as far as practical.
- F. Limit construction loads on roof and rooftop equipment wheel loads as not to damage existing structure.
- G. Weather Limitations: Proceed with reroofing preparation only when existing and forecasted weather conditions permit Work to proceed without water entering existing roofing system or building.
  - 1. Remove only as much roofing in one day as can be made watertight in the same day.
- H. Hazardous Materials: It is not expected that hazardous materials, such as asbestos-containing materials, will be encountered in the Work.
  - 1. If materials suspected of containing hazardous materials are encountered, do not disturb; immediately notify Architect and Owner. Hazardous materials will be removed by Owner under a separate contract.

1.09 RELATED REQUIREMENTS:

- 1. Section 07 60 00 "Flashing and Sheet Metal" for metal roof flashings and counter flashings.
- 2. Section 07 55 20 "(SBS) MODIFIED BITUMINOUS MEMBRANE ROOFING".

PART 2 - PRODUCTS

2.01 TEMPORARY PROTECTION MATERIALS

- A. Plywood: DOC PS1, Grade CD Exposure 1.

2.02 INFILL AND REPLACEMENT MATERIALS AT LOW SLOPE ROOFS



- A. Use infill materials matching existing roofing system materials unless otherwise indicated.
- B. Wood blocking, curbs, and nailers are specified in Section 06 10 00 "Rough Carpentry and Sheathing."

### 2.03 AUXILIARY REROOFING MATERIALS

- A. General: Use auxiliary reroofing preparation materials recommended by roofing system manufacturer for intended use and compatible with components of new roofing system.

## PART 3 - EXECUTION

### 3.01 PREPARATION

- A. Shut off rooftop utilities and service piping in areas of work before beginning the Work.
- B. Test existing roof drains to verify that they are not blocked or restricted. Immediately notify Architect of any blockages or restrictions.
- C. Coordinate with Owner to shut down air-intake equipment in the vicinity of the Work. Cover air-intake louvers before proceeding with reroofing work that could affect indoor air quality or activate smoke detectors in the ductwork.
- D. During removal operations, have sufficient and suitable materials on-site to facilitate rapid installation of temporary protection in the event of unexpected rain.
- E. Maintain roof drains in functioning condition to ensure roof drainage at end of each workday. Prevent debris from entering or blocking roof drains and conductors. Use roof-drain plugs specifically designed for this purpose. Remove roof-drain plugs at end of each workday, when no work is taking place, or when rain is forecast.
  - 1. If roof drains are temporarily blocked or unserviceable due to roofing system removal or partial installation of new roofing system, provide alternative drainage method to remove water and eliminate ponding. Do not permit water to enter into or under existing roofing system components that are to remain.

### 3.02 ROOF TEAR-OFF

- A. General: Notify Owner each day of extent of roof tear-off proposed for that day.
- B. Full Roof Tear-Off: Remove existing roofing and other roofing system components down to the deck.

### 3.03 DECK PREPARATION

- A. Full Sheathing Removal (if applicable): Remove the existing plywood sheathing and other components down to the structure.

- B. Immediately after sheathing and old roof covering removal, inspect and repair structural components, if needed.
- C. Install new plywood sheathing to match existing and / or patch existing concrete decking (as applicable).

3.04 BASE FLASHING REMOVAL

- A. Remove existing base flashings. Clean substrates of contaminants, such as asphalt, sheet materials, dirt, and debris.
- B. Do not damage metal counter flashings that are to remain. Replace metal counterflashings damaged during removal with counter flashings of same metal, weight or thickness, and finish, or as specified in Section 07 60 00 "Flashing and Sheet Metal."
- C. Inspect parapet sheathing, wood blocking, curbs, and nailers for deterioration and damage. If parapet sheathing, wood blocking, curbs, or nailers have deteriorated, or are not present per drawings - immediately notify Architect or Owner's representative.

3.05 FASTENER PULL-OUT TESTING

- A. Perform fastener pull-out tests according to SPRI FX-1, and submit test report to roofing manufacturer before installing new roofing system.
  - 1. Obtain roofing manufacturer's approval to proceed with specified fastening pattern. Roofing manufacturer may furnish revised fastening pattern commensurate with pull-out test results.

3.06 DISPOSAL

- A. Collect demolished materials and place in containers. Promptly dispose of demolished materials. Do not allow demolished materials to accumulate on-site.
  - 1. Storage or sale of demolished items or materials on-site is not permitted.
- B. Transport and legally dispose of demolished materials off Owner's property.

END OF SECTION 07 59 10

SECTION 07 60 00 – FLASHING AND SHEET METAL

PART 1 - GENERAL

1.01 DESCRIPTION

A. Work Included:

1. Provide Flashing and Sheet Metal not specifically described in other sections of these specifications and details but is required to prevent penetration of water through the exterior shell of the building as it applies to the roof and parapet areas.
2. GENERAL REVIEW:
  - a. The intent is to remove and replace all existing perimeter and counter-flashing metal with new.
    - (1) Coping at all perimeters - Match existing design and color for exterior turn down, etc.
      - (a) Exterior turn down shall be at a minimum cover all perimeters to the current horizontal line.
    - (2) Counter-flashing at all equipment, hatches, penetrations, etc. and where it cannot be carefully salvaged at perimeter. (*Galvanized metal is acceptable rather than pre-painted for this item.*)
    - (3) New metal on roofed in sleepers/curbs.
    - (4) Perimeter overflow scuppers.
    - (5) Additional as noted at pre-bid and noted via addenda and as defined within "Instructions to Bidders" and "General Description" portions of bid documents.
3. COPING METAL:
  - a. New pre-painted coping metal required at all parapet and low parapet areas.
  - b. New coping shall match existing design and color for including size, exterior turn down, while taking into consideration the increase in perimeter nailer heights, etc.
  - c. To be reviewed at the pre-construction conference.
4. OTHER METAL:
  - a. Remove and replace with new unless specifically identified within the specification documents or during the pre-job meeting as to be salvaged.
  - b. Counter-flashing required at all perimeter and at all equipment.
    - (1) Exception: Not necessary at units that can be raised and roofed around and adequately re-installed over the base flashing membrane, where the existing flashing system will properly cover the new roofing installation. Where inadequate or damaged sheet metal flashing are present, the new system will require new metal.
  - c. Drain leads, etc.
5. HVAC MODIFICATIONS:
  - a. No modifications to existing HVAC equipment and/or duct system are required other than the modification of the length of the support/legs to meet height requirements above the newly installed roof system.
    - (1) Modification will be necessary to meet the new height requirements of the new roof system and contractor shall modify as a part of this project.

- (2) Care is necessary so as not to damage the existing support/legs and the duct system during the roof project.
6. General Work Summary on this project shall include the following:
  - a. Installation of new standing seam coping metal at all roof area dividers.
  - b. Equipment counter-flashing/skirting.
  - c. Stainless steel scuppers to replace existing scuppers.
  - d. New leads (*new at all drains as specified, re-build & applicable scupper modifications / replacement*).
  - e. Miscellaneous details to meet the manufacturer's and "good roofing" practices for entire completed roof system.
7. Roofing accessories and incidentals as may be required during the project.
8. All painted metal surfaces which must be removed to properly complete the project, shall be carefully removed, examined, cleaned, primed, painted and replaced to match existing colors as applicable and discussed at pre-job meeting.
  - a. Color shall match the existing perimeter metal where replacement requires painted metal.
  - b. Color shall be standard manufacturer's color. No special order color required on this project.

#### 1.02 SYSTEM DESCRIPTION

- A. Work within this Section is to physically protect membrane roofing, base flashing, etc. from damage that would permit moisture entry into building interior.

#### 1.03 QUALITY ASSURANCE

- A. In addition to complying with pertinent codes and regulations, all work shall comply with pertinent recommendations contained in current edition of "Architectural Sheet Metal Manual" published by the Sheet Metal and Air Conditioning Contractors National Association (*SMACNA*).
- B. Standard commercial items may be utilized for flashing trim, reglets and similar purposes provided such items meet or exceed the quality standards specified herein.
- C. All metal shall meet and/or exceed compliance with membrane manufacturer's warrantable system.
  1. Utilize membrane manufacturer's specific product with any specific application where the metal is considered a warrantable item under the manufacturer's warrantable system.

#### 1.04 SUBMITTALS

- A. Submit shop drawings to describe all detail installations and compliance with scope of these Specifications and General Requirements where no detail drawing currently exists. This includes any proposed changes to detail drawings herein.
  1. The scope of the shop drawing details will be reviewed at the mandatory pre-job meeting.

#### 1.05 REFERENCES

- A. American Society for Testing and Materials (*ASTM*) A525-Steel Sheet, Zinc Coated (*Galvanized*) by the Hot-Dip Process.
- B. *SMACNA* – Architectural Sheet Metal Manual.
- C. Wall system manufacturer's installation instructions.

1.06 PRODUCT HANDLING

- A. Store products under applicable provisions of Section 07520.
- B. Stack pre-formed material to prevent twisting, bending, or abrasion.
- C. Prevent contact with materials during storage, which may cause discoloration, staining or damage.
- D. Any material to be removed and replaced shall be marked for identification and carefully removed and stored until re-installation is completed.
  - 1. Items that cannot be removed and replaced without damage must be discussed and approved prior to the work at this area or the contractor shall be responsible for replacement of materials damaged during their operations.

1.07 PROTECTION

- A. Exercise care when working on or about roof surface to avoid damaging or puncturing membrane or other components.
- B. Immediately remove any screws, fasteners, trim, etc. from roof surface.
- C. All open roof areas exposed by the sheet metal removal shall be in a waterproof condition at the end of each day's work.
- D. Immediately notify Roofing Contractor (*if sheet metal contractor is a sub-contractor*) of any damage or punctures to newly installed or existing membrane waterproofing.

1.08 WARRANTY

- A. Work of this section shall be covered under Contractor's Warranty as specified in Section 07 55 20.

PRODUCTS

1.09 MATERIALS AND GAUGE

- A. Where sheet metal is required, and no material or gauge is indicated on the drawings and details, provide the highest quality and gauge commensurate with the standards associated with this Specification with a minimum gauge of twenty-four (24).
- B. Utilize specified roofing system manufacturer's products as a first priority.
- C. Galvanized Steel: ASTM A-525, G-90; 24 gauge minimum. (no weather-exposed galvanized steel allowed on roof)
- D. Pre-painted metal: Factory finish; 24 gauge minimum.
- E. Sheet Lead Flashing: Hard type conforming to Federal Specification QQ-L-201; 4 lbs per square foot for drain flashing and pipe sleeves requiring field soldering, 2 ½ lbs minimum per square foot for pre-fabricated pipe sleeves.
- F. Wall System: Match existing.

1.10 ACCESSORIES

- A. Fasteners: Stainless steel with steel neoprene washers at exposed fasteners and other appropriate products in other unspecified locations.
- B. Metal Primer: ASTM D-41

- C. Sealant: 1 part polyurethane  
(As approved by prime membrane manufacturer for use and compatibility with specified assembly.)
- D. Plastic Cement: ASTM D-4586, Type I
- E. Solder: FS QQ-S-571; ANST/ANTM B3; 50/50 type
- F. Flux: FS O-F-506
- G. Pitch Pan Sealant: ASTM C-920, Type S, Grade P, Class 25  
(As approved by prime membrane manufacturer for use and compatibility with specified assembly.)

#### 1.11 FABRICATION

- A. Form sections true to shape, accurate in size, square, and free from distortion or defects.
- B. Form pieces in longest practical lengths.
- C. Hem exposed edges on underside 1/2"; miter and seam corners.
- D. Form material with flat lock seam, unless otherwise specified or detailed.
- E. Solder and seal metal joints. After soldering, remove flux. Wipe and wash solder joints clean.
- F. Fabricate corners from one piece with minimum 18" seam or solder for rigidity, seal with sealant.
- G. Fabricate vertical faces with bottom edge formed outward 1/4" (6mm) and hemmed to form drip.
- H. Fabricate flanged flashings (*pitch pans*) to allow flanges to extend at least four inches (4") – (50mm) over roofing.
  - 1. Provide full soldered corners.
- I. All fabricated sheet metal work necessary to complete the project shall receive standing seams and shall employ double breaks with no exposed sharp edges.

#### 1.12 FINISH

- A. Shop prepare and prime exposed ferrous metal surfaces.
- B. Back paint flashings with bituminous paint where expected to be in contact with cementitious materials or dissimilar metals.

### EXECUTION

#### 1.13 SURFACE CONDITIONS

- A. Examine the areas and conditions under which work of this section will be performed. Correct conditions detrimental to timely and proper completion of the work. Do not proceed until unsatisfactory conditions are corrected.
- B. Refer to "Details" and drawings for specific direction on various types of equipment.
- C. Coordinate with Roofing Contractor (*if sheet metal work is conducted as a sub-contractor to roofing contractor*) so that sheet metal work is completed in a timely manner following installation of roof membrane waterproofing systems. Roof shall remain watertight at all times.
  - 1. Do not install sheet metal until all roofing work is completed to an acceptable level at the area where sheet metal work is to proceed.
- D. Verify roof openings, curbs pipes, sleeves, ducts, or vents through roof are solidly set, cant strips and reglets in place, and nailing strips located.

- E. Verify membrane termination and base flashings are in place, sealed, and secure.
- F. Beginning of installation of flashing metals means acceptance of existing conditions by the Sheet Metal Contractor (*if other than Roofing Contractor*).

#### 1.14 WORKMANSHIP

##### A. GENERAL METAL FABRICATION:

- 1. Shop-fabricate work to greatest extent possible.
  - 2. Comply with details shown and with applicable requirement of SMACNA "Architectural Sheet Metal Manual" and other industry recognized practices.
  - 3. Fabricate for waterproof and weather-resistant performance with expansion provisions for running work, sufficient to permanently prevent leakage, damage or deterioration of the work.
  - 4. Angle bottom edges of exposed vertical surfaces to form drips.
  - 5. Fabricate to profiles and sizes as to match existing installations.
  - 6. Form work to fit all substrates.
  - 7. Form exposed sheet metal work without excessive oil-canning, buckling and tool marks, true to line and level indicated, with exposed edges folded back to form hems.
- B. Form, fabricate and install sheet metal so as to adequately provide for expansion and contraction in the finished work.
- C. Installation process and finished work shall be installed in a manner that will not damage the surrounding surfaces and or waterproofing.
- 1. Contractor shall repair and/or correct the defective workmanship at no additional cost to Owner.

#### 1.15 INSTALLATION

- A. Embed metal in contact with roof assembly in a solid bed of sealant, using materials and methods approved by the prime roofing system Manufacturer as applicable and compatible with specified and/or installed system.
- B. Conform to standard Prime Manufacturer's and/or SMACNA Architectural Sheet Metal Manual details as applicable for the successful completion of project.
- C. Pipe Flashing:
- 1. Open vent stacks shall be sealed using lead sleeves with the tip edge crimped carefully back down into the pipe at least one inch. Replace existing damaged lead flashings with two-piece fabrication to prevent future damage from building settlement and/or movement.

*(Prime Manufacturer's pre-formed sleeves are acceptable as approved for use within specified system and applicable to existing conditions.)*

- 2. At electrical lines and pipes which cannot be disassembled, solder lead sleeve and flange together in the field, maintaining minimum six-inch (6") sleeve height and eight-inch (8") wherever possible.

*(Prime Manufacturer's pre-formed sleeves are acceptable as approved for use within specified system and applicable to existing conditions.)*

- D. Install and seal new metal-flanged sleeve flashing and drain flashing in accordance with Section 07 55 20 and applicable details.

#### 1.16 SOLDERING

##### A. GENERAL:

1. Thoroughly clean and tin the joint materials prior to soldering.
2. Perform soldering slowly, with a well-heated copper (*or applicable component material*), in order to heat the seams thoroughly and to completely fill them with solder.
3. Perform soldering with a heavy soldering copper of blunt design, properly tinned for use.
4. Make exposed soldering on finished surfaces neat, full flowing and smooth.

- B. After soldering, thoroughly wash acid flux with a soda solution.

##### C. Safety:

1. Care shall be taken during any soldering work so as not to damage the roofing membrane system and/or components.

#### 1.17 TESTS

- A. Upon request of the Consultant and/or Owner, demonstrate by hose or running water that the system is completely watertight.

#### 1.18 FINISH

- A. Finish to match existing style and color.

1. Finish color shall be manufacturer's standard color.
2. Color to be selected by Owner based on submittals provided by contractor after award of contract.
3. Refer to specific instructions within specifications, addenda and/or drawings with regard to specific metal type and color requirements associated with various components.

- B. If painting is required, clean, prime and paint per Consultant's and/or Owner's recommendations to match existing color.

#### 1.19 CLEAN UP

##### A. Contractor shall:

1. Remove all excess materials from finished surfaces and keep the roof and premises clean and free from accumulations of waste materials and rubbish at all times.
  - a. Remove all debris, scrap, and rubbish from the work area daily.
  - b. Surplus materials and all equipment shall be promptly removed from the site upon completion of the work.
2. Prior to final acceptance, the Contractor shall restore all areas affected by his work to their original state of cleanliness and repair all damage done to the premises, by his workmen and equipment.

END OF SECTION 07 60 00



# CHAIN of CUSTODY SAMPLE LOG

# 2209198

INDUSTRIAL HYGIENE SERVICES  
LABORATORY • MANAGEMENT • TRAINING

Client Seattle Housing Authority  
Street 190 Queen Anne Ave. N  
Seattle, WA 98109

NVL Batch Number \_\_\_\_\_  
Client Job Number \_\_\_\_\_  
Total Samples 4  
Turn Around Time  1 Hr  6 Hrs  3 Days  10 Days  
 2 Hrs  1 Day  4 Days  
 4 Hrs  2 Days  5 Days  
Please call for TAT less than 24 Hrs

Project Manager Mr. Terry Fyre  
Project Location 538-LEE APTS ROOF  
3803 S. WILLOW ST.

Email address tfyre@seattlehousing.org  
Cell: (206) 786-8578

Phone: (206) 770-6745 Fax: (206) 722-2814

<input type="checkbox"/> Asbestos Air	<input type="checkbox"/> PCM (NIOSH 7400)	<input type="checkbox"/> TEM (NIOSH 7402)	<input type="checkbox"/> TEM (AHERA)	<input type="checkbox"/> TEM (EPA Level II)	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> Asbestos Bulk	<input checked="" type="checkbox"/> PLM (EPA/600/R-93/116)	<input type="checkbox"/> PLM (EPA Point Count)	<input type="checkbox"/> PLM (EPA Gravimetry)	<input type="checkbox"/> TEM BULK	
<input type="checkbox"/> Mold/Fungus	<input type="checkbox"/> Mold Air	<input type="checkbox"/> Mold Bulk	<input type="checkbox"/> Rotometer Calibration		
<b>METALS</b>	<b>Det. Limit</b>	<b>Matrix</b>	<b>RCRA Metals</b>	<input type="checkbox"/> All 8	<b>Other Metals</b>
<input type="checkbox"/> Total Metals	<input type="checkbox"/> FAA (ppm)	<input type="checkbox"/> Air Filter	<input type="checkbox"/> Arsenic (As)	<input type="checkbox"/> Lead (Pb)	<input type="checkbox"/> All 3
<input type="checkbox"/> TCLP	<input type="checkbox"/> ICP (ppm)	<input type="checkbox"/> Drinking water	<input type="checkbox"/> Barium (Ba)	<input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Copper (Cu)
<input type="checkbox"/> Cr 6	<input type="checkbox"/> GFAA (ppb)	<input type="checkbox"/> Dust/wipe (Area)	<input type="checkbox"/> Cadmium (Cd)	<input type="checkbox"/> Selenium (Se)	<input type="checkbox"/> Nickel (Ni)
	<input type="checkbox"/> CVAA (ppb)	<input type="checkbox"/> Soil	<input type="checkbox"/> Chromium (Cr)	<input type="checkbox"/> Silver (Ag)	<input type="checkbox"/> Zinc (Zn)
<input type="checkbox"/> Other Types of Analysis	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Nuisance Dust	<input type="checkbox"/> Other (Specify) _____		
	<input type="checkbox"/> Silica	<input type="checkbox"/> Respirable Dust			

Condition of Package:  Good  Damaged (no spillage)  Severe damage (spillage)

Seq. #	Lab ID	Client Sample Number	Comments (e.g. Sample are, Sample Volume, etc)	A/R
1		051722TFAB01	BUILT UP ROOFING NORTH	
2		051722TFAB02	BUILT UP ROOFING EAST	
3		051722TFAB03	BUILT UP ROOFING SOUTH	
4		051722TFAB04	BUILT UP ROOFING WEST	
5				
6				
7			* ALL SAMPLES N/D FOR ACM *	
8				
9				
10				
11				
12				
13				
14				
15				

	Print Below	Sign Below	Company	Date	Time
Sampled by	TERRY FYRE		SHA	05/17/22	8:45 A.M.
Relinquished by	TERRY FYRE		SHA	05/17/22	11:30 A.M.
Received by	ROCHELLE		NVL	5/17/22	1155
Analyzed by					
Results Called by					
Results Faxed by					

**Special Instructions:** Unless requested in writing, all samples will be disposed of two (2) weeks after analysis.  
E-mail results to Terry Fyre and CC to Karen Peterson

May 18, 2022



Terry Fyre  
Seattle Housing Authority  
190 Queen Anne Ave. N  
Seattle, WA 98109

**RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2209198.00**

Client Project: N-A  
Location: 538-Lee Apts Roof 3803 S. Willow St.

Dear Mr. Fyre,

Enclosed please find test results for the 4 sample(s) submitted to our laboratory for analysis on 5/17/2022.

Examination of these samples was conducted for the presence of identifiable asbestos fibers using polarized light microscopy (PLM) with dispersion staining in accordance with **U. S. EPA 40 CFR Appendix E to Subpart E of Part 763**, Interim Method for the Determination of Asbestos in Bulk Insulation Samples and **EPA 600/R-93/116**, Method for the Determination of Asbestos in Bulk Building Materials.

For samples containing more than one separable layer of materials, the report will include findings for each layer (labeled Layer 1 and Layer 2, etc. for each individual layer). The asbestos concentration in the sample is determined by calibrated visual estimation.

For those samples with asbestos concentrations between 1 and 10 percent based on visual estimation, the EPA recommends a procedure known as point counting (NESHAPS, 40 CFR Part 61). Point counting is a statistically more accurate means of quantification for samples with low concentrations of asbestos.

The detection limit for the calibrated visual estimation is <1%, 400 point counts is 0.25% and 1000 point counts is 0.1%

Samples are archived for two weeks following analysis. Samples that are not retrieved by the client are discarded after two weeks.

Thank you for using our laboratory services. Please do not hesitate to call if there is anything further we can assist you with.

Sincerely,

Nick Ly, Technical Director

Lab Code: 102083-0

Enc.: Sample Results

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)  
4708 Aurora Avenue North | Seattle, WA 98103-6516



# Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: Seattle Housing Authority  
Address: 190 Queen Anne Ave. N  
Seattle, WA 98109

Batch #: 2209198.00

Client Project #: N-A  
Date Received: 5/17/2022  
Samples Received: 4  
Samples Analyzed: 4  
Method: EPA/600/R-93/116

Attention: Mr. Terry Fyre

Project Location: 538-Lee Apts Roof 3803 S. Willow St.

Lab ID: 22357934 Client Sample #: 051722TFAB01

Location: 538-Lee Apts Roof 3803 S. Willow St.

Layer 1 of 1 Description: Multi layer black asphaltic fibrous material

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b> None Detected ND
Asphalt/Binder, Asphaltic Particles	Glass fibers 12%	
	Cellulose 4%	

Lab ID: 22357935 Client Sample #: 051722TFAB02

Location: 538-Lee Apts Roof 3803 S. Willow St.

Layer 1 of 1 Description: Multi layer black asphaltic fibrous material

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b> None Detected ND
Asphalt/Binder, Asphaltic Particles	Glass fibers 18%	
	Cellulose 3%	

Lab ID: 22357936 Client Sample #: 051722TFAB03

Location: 538-Lee Apts Roof 3803 S. Willow St.

Layer 1 of 1 Description: Multi layer black asphaltic fibrous material

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b> None Detected ND
Asphalt/Binder, Asphaltic Particles	Glass fibers 12%	
	Cellulose 3%	

Lab ID: 22357937 Client Sample #: 051722TFAB04

Location: 538-Lee Apts Roof 3803 S. Willow St.

Layer 1 of 1 Description: Multi layer black asphaltic fibrous material

Non-Fibrous Materials:	Other Fibrous Materials: %	<b>Asbestos Type: %</b> None Detected ND
Asphalt/Binder, Asphaltic Particles	Glass fibers 13%	
	Cellulose <1%	

Sampled by: Client

Analyzed by: Munaf Khan

Reviewed by: Nick Ly

Date: 05/17/2022

Date: 05/18/2022

  
Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

# ASBESTOS LABORATORY SERVICES



**Company** Seattle Housing Authority  
**Address** 190 Queen Anne Ave. N  
 Seattle, WA 98109

**NVL Batch Number** 2209198.00  
**TAT** 1 Day **AH No**  
**Rush TAT**  
**Due Date** 5/18/2022 **Time** 11:35 AM  
**Email** tfyre@seattlehousing.org  
**Fax** (206) 722-2814

**Project Manager** Mr. Terry Fyre  
**Phone** (206) 770-6745  
**Cell:** (206) 786-8578

**Project Name/Number:** N-A

**Project Location:** 538-Lee Apts Roof 3803 S. Willow St.

**Subcategory** PLM Bulk

**Item Code** ASB-02

EPA 600/R-93-116 Asbestos by PLM <bulk>

**Total Number of Samples** 4

**Rush Samples**

	Lab ID	Sample ID	Description	A/R
1	22357934	051722TFAB01		A
2	22357935	051722TFAB02		A
3	22357936	051722TFAB03		A
4	22357937	051722TFAB04		A

	Print Name	Signature	Company	Date	Time
<b>Sampled by</b>	Client				
<b>Relinquished by</b>	Client				
Office Use Only	Print Name	Signature	Company	Date	Time
<b>Received by</b>	Rachelle Miller		NVL	5/17/22	1135
<b>Analyzed by</b>	Munaf Khan		NVL	5/17/22	
<b>Results Called by</b>					
<input type="checkbox"/> <b>Faxed</b> <input type="checkbox"/> <b>Emailed</b>					

**Special Instructions:**

Date: 5/17/2022  
 Time: 11:58 AM  
 Entered By: Rachelle Miller

State of Washington  
 Department of Labor & Industries  
 Prevailing Wage Section - Telephone 360-902-5335  
 PO Box 44540, Olympia, WA 98504-4540

**Washington State Prevailing Wage**

The PREVAILING WAGES listed here include both the hourly wage rate and the hourly rate of fringe benefits. On public works projects, worker's wage and benefit rates must add to not less than this total. A brief description of overtime calculation requirements are provided on the Benefit Code Key.

**Journey Level Prevailing Wage Rates for the Effective Date: 5/31/2023**

<u>County</u>	<u>Trade</u>	<u>Job Classification</u>	<u>Wage</u>	<u>Holiday</u>	<u>Overtime</u>	<u>Note</u>	<u>*Risk Class</u>
King	<u>Asbestos Abatement Workers</u>	Journey Level	\$56.80	<u>5D</u>	<u>1H</u>		<u>View</u>
King	<u>Boilermakers</u>	Journey Level	\$74.29	<u>5N</u>	<u>1C</u>		<u>View</u>
King	<u>Brick Mason</u>	Journey Level	\$66.32	<u>7E</u>	<u>1N</u>		<u>View</u>
King	<u>Brick Mason</u>	Pointer-Caulker-Cleaner	\$66.32	<u>7E</u>	<u>1N</u>		<u>View</u>
King	<u>Building Service Employees</u>	Janitor	\$28.23	<u>5S</u>	<u>2F</u>		<u>View</u>
King	<u>Building Service Employees</u>	Traveling Waxer/Shampooer	\$28.68	<u>5S</u>	<u>2F</u>		<u>View</u>
King	<u>Building Service Employees</u>	Window Cleaner (Non-Scaffold)	\$32.18	<u>5S</u>	<u>2F</u>		<u>View</u>
King	<u>Building Service Employees</u>	Window Cleaner (Scaffold)	\$33.18	<u>5S</u>	<u>2F</u>		<u>View</u>
King	<u>Cabinet Makers (In Shop)</u>	Journey Level	\$22.74		<u>1</u>		<u>View</u>
King	<u>Carpenters</u>	Acoustical Worker	\$71.53	<u>15J</u>	<u>4C</u>		<u>View</u>
King	<u>Carpenters</u>	Bridge, Dock And Wharf Carpenters	\$71.53	<u>15J</u>	<u>4C</u>		<u>View</u>
King	<u>Carpenters</u>	Floor Layer & Floor Finisher	\$71.53	<u>15J</u>	<u>4C</u>		<u>View</u>
King	<u>Carpenters</u>	Journey Level	\$71.53	<u>15J</u>	<u>4C</u>		<u>View</u>
King	<u>Carpenters</u>	Scaffold Erector	\$71.53	<u>15J</u>	<u>4C</u>		<u>View</u>
King	<u>Cement Masons</u>	Application of all Composition Mastic	\$70.09	<u>15J</u>	<u>4U</u>		<u>View</u>
King	<u>Cement Masons</u>	Application of all Epoxy Material	\$69.59	<u>15J</u>	<u>4U</u>		<u>View</u>
King	<u>Cement Masons</u>	Application of all Plastic Material	\$70.09	<u>15J</u>	<u>4U</u>		<u>View</u>
King	<u>Cement Masons</u>	Application of Sealing Compound	\$69.59	<u>15J</u>	<u>4U</u>		<u>View</u>
King	<u>Cement Masons</u>	Application of Underlayment	\$70.09	<u>15J</u>	<u>4U</u>		<u>View</u>
King	<u>Cement Masons</u>	Building General	\$69.59	<u>15J</u>	<u>4U</u>		<u>View</u>
King	<u>Cement Masons</u>	Composition or Kalman Floors	\$70.09	<u>15J</u>	<u>4U</u>		<u>View</u>
King	<u>Cement Masons</u>	Concrete Paving	\$69.59	<u>15J</u>	<u>4U</u>		<u>View</u>
King	<u>Cement Masons</u>	Curb & Gutter Machine	\$70.09	<u>15J</u>	<u>4U</u>		<u>View</u>
King	<u>Cement Masons</u>	Curb & Gutter, Sidewalks	\$69.59	<u>15J</u>	<u>4U</u>		<u>View</u>
King	<u>Cement Masons</u>	Curing Concrete	\$69.59	<u>15J</u>	<u>4U</u>		<u>View</u>
King	<u>Cement Masons</u>	Finish Colored Concrete	\$70.09	<u>15J</u>	<u>4U</u>		<u>View</u>

King	<a href="#">Cement Masons</a>	Floor Grinding	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Floor Grinding/Polisher	\$69.59	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Green Concrete Saw, self-powered	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Grouting of all Plates	\$69.59	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Grouting of all Tilt-up Panels	\$69.59	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Guniting Nozzleman	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Hand Powered Grinder	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Journey Level	\$69.59	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Patching Concrete	\$69.59	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Pneumatic Power Tools	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Power Chipping & Brushing	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Sand Blasting Architectural Finish	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Screed & Rodding Machine	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Spackling or Skim Coat Concrete	\$69.59	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Troweling Machine Operator	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Troweling Machine Operator on Colored Slabs	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Cement Masons</a>	Tunnel Workers	\$70.09	<a href="#">15J</a>	<a href="#">4U</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Bell/Vehicle or Submersible Operator (Not Under Pressure)	\$126.05	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Dive Supervisor/Master	\$89.94	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Diver	\$126.05	<a href="#">15J</a>	<a href="#">4C</a>	<a href="#">8V</a>	<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Diver On Standby	\$84.94	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Diver Tender	\$77.16	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 0-30.00 PSI	\$89.09	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 30.01 - 44.00 PSI	\$94.09	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 44.01 - 54.00 PSI	\$107.09	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 54.01 - 60.00 PSI	\$103.09	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 60.01 - 64.00 PSI	\$105.59	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 64.01 - 68.00 PSI	\$110.59	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 68.01 - 70.00 PSI	\$112.59	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Divers &amp; Tenders</a>	Hyperbaric Worker - Compressed Air Worker 70.01 - 72.00 PSI	\$114.59	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>

King	<u>Divers &amp; Tenders</u>	Hyperbaric Worker - Compressed Air Worker 72.01 - 74.00 PSI	\$116.59	<u>15J</u>	<u>4C</u>		<u>View</u>
King	<u>Divers &amp; Tenders</u>	Manifold Operator	\$77.16	<u>15J</u>	<u>4C</u>		<u>View</u>
King	<u>Divers &amp; Tenders</u>	Manifold Operator Mixed Gas	\$82.16	<u>15J</u>	<u>4C</u>		<u>View</u>
King	<u>Divers &amp; Tenders</u>	Remote Operated Vehicle Operator / Technician	\$77.16	<u>15J</u>	<u>4C</u>		<u>View</u>
King	<u>Divers &amp; Tenders</u>	Remote Operated Vehicle Tender	\$71.98	<u>15J</u>	<u>4C</u>		<u>View</u>
King	<u>Dredge Workers</u>	Assistant Engineer	\$76.56	<u>5D</u>	<u>3F</u>		<u>View</u>
King	<u>Dredge Workers</u>	Assistant Mate (Deckhand)	\$75.97	<u>5D</u>	<u>3F</u>		<u>View</u>
King	<u>Dredge Workers</u>	Boatmen	\$76.56	<u>5D</u>	<u>3F</u>		<u>View</u>
King	<u>Dredge Workers</u>	Engineer Welder	\$78.03	<u>5D</u>	<u>3F</u>		<u>View</u>
King	<u>Dredge Workers</u>	Leverman, Hydraulic	\$79.59	<u>5D</u>	<u>3F</u>		<u>View</u>
King	<u>Dredge Workers</u>	Mates	\$76.56	<u>5D</u>	<u>3F</u>		<u>View</u>
King	<u>Dredge Workers</u>	Oiler	\$75.97	<u>5D</u>	<u>3F</u>		<u>View</u>
King	<u>Drywall Applicator</u>	Journey Level	\$71.53	<u>15J</u>	<u>4C</u>		<u>View</u>
King	<u>Drywall Tapers</u>	Journey Level	\$70.61	<u>5P</u>	<u>1E</u>		<u>View</u>
King	<u>Electrical Fixture Maintenance Workers</u>	Journey Level	\$37.19	<u>5L</u>	<u>1E</u>		<u>View</u>
King	<u>Electricians - Inside</u>	Cable Splicer	\$102.90	<u>7C</u>	<u>4E</u>		<u>View</u>
King	<u>Electricians - Inside</u>	Cable Splicer (tunnel)	\$110.61	<u>7C</u>	<u>4E</u>		<u>View</u>
King	<u>Electricians - Inside</u>	Certified Welder	\$99.38	<u>7C</u>	<u>4E</u>		<u>View</u>
King	<u>Electricians - Inside</u>	Certified Welder (tunnel)	\$106.75	<u>7C</u>	<u>4E</u>		<u>View</u>
King	<u>Electricians - Inside</u>	Construction Stock Person	\$49.28	<u>7C</u>	<u>4E</u>		<u>View</u>
King	<u>Electricians - Inside</u>	Journey Level	\$95.88	<u>7C</u>	<u>4E</u>		<u>View</u>
King	<u>Electricians - Inside</u>	Journey Level (tunnel)	\$102.90	<u>7C</u>	<u>4E</u>		<u>View</u>
King	<u>Electricians - Motor Shop</u>	Journey Level	\$48.68	<u>5A</u>	<u>1B</u>		<u>View</u>
King	<u>Electricians - Powerline Construction</u>	Cable Splicer	\$93.00	<u>5A</u>	<u>4D</u>		<u>View</u>
King	<u>Electricians - Powerline Construction</u>	Certified Line Welder	\$85.42	<u>5A</u>	<u>4D</u>		<u>View</u>
King	<u>Electricians - Powerline Construction</u>	Groundperson	\$55.27	<u>5A</u>	<u>4D</u>		<u>View</u>
King	<u>Electricians - Powerline Construction</u>	Heavy Line Equipment Operator	\$85.42	<u>5A</u>	<u>4D</u>		<u>View</u>
King	<u>Electricians - Powerline Construction</u>	Journey Level Lineperson	\$85.42	<u>5A</u>	<u>4D</u>		<u>View</u>
King	<u>Electricians - Powerline Construction</u>	Line Equipment Operator	\$73.35	<u>5A</u>	<u>4D</u>		<u>View</u>
King	<u>Electricians - Powerline Construction</u>	Meter Installer	\$55.27	<u>5A</u>	<u>4D</u>	<u>8W</u>	<u>View</u>
King	<u>Electricians - Powerline Construction</u>	Pole Sprayer	\$85.42	<u>5A</u>	<u>4D</u>		<u>View</u>
King	<u>Electricians - Powerline Construction</u>	Powderperson	\$63.50	<u>5A</u>	<u>4D</u>		<u>View</u>
King	<u>Electronic Technicians</u>	Journey Level	\$62.13	<u>7E</u>	<u>1E</u>		<u>View</u>
King	<u>Elevator Constructors</u>	Mechanic	\$107.49	<u>7D</u>	<u>4A</u>		<u>View</u>
King	<u>Elevator Constructors</u>	Mechanic In Charge	\$116.13	<u>7D</u>	<u>4A</u>		<u>View</u>



King	<a href="#">Fabricated Precast Concrete Products</a>	All Classifications - In-Factory Work Only	\$21.34	<a href="#">5B</a>	<a href="#">1R</a>		<a href="#">View</a>
King	<a href="#">Fence Erectors</a>	Fence Erector	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Fence Erectors</a>	Fence Laborer	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Flaggers</a>	Journey Level	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Glaziers</a>	Journey Level	\$75.91	<a href="#">7L</a>	<a href="#">1Y</a>		<a href="#">View</a>
King	<a href="#">Heat &amp; Frost Insulators And Asbestos Workers</a>	Journey Level	\$84.84	<a href="#">15H</a>	<a href="#">11C</a>		<a href="#">View</a>
King	<a href="#">Heating Equipment Mechanics</a>	Journey Level	\$94.11	<a href="#">7F</a>	<a href="#">1E</a>		<a href="#">View</a>
King	<a href="#">Hod Carriers &amp; Mason Tenders</a>	Journey Level	\$59.85	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Industrial Power Vacuum Cleaner</a>	Journey Level	\$15.74		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Inland Boatmen</a>	Boat Operator	\$61.41	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
King	<a href="#">Inland Boatmen</a>	Cook	\$56.48	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
King	<a href="#">Inland Boatmen</a>	Deckhand	\$57.48	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
King	<a href="#">Inland Boatmen</a>	Deckhand Engineer	\$58.81	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
King	<a href="#">Inland Boatmen</a>	Launch Operator	\$58.89	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
King	<a href="#">Inland Boatmen</a>	Mate	\$57.31	<a href="#">5B</a>	<a href="#">1K</a>		<a href="#">View</a>
King	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Cleaner Operator, Foamer Operator	\$31.49		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Grout Truck Operator	\$15.74		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Head Operator	\$24.91		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Technician	\$19.33		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Inspection/Cleaning/Sealing Of Sewer &amp; Water Systems By Remote Control</a>	Tv Truck Operator	\$20.45		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Insulation Applicators</a>	Journey Level	\$71.53	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Ironworkers</a>	Journeyman	\$83.79	<a href="#">15K</a>	<a href="#">11N</a>		<a href="#">View</a>
King	<a href="#">Laborers</a>	Air, Gas Or Electric Vibrating Screed	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Airtrac Drill Operator	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Ballast Regular Machine	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Batch Weighman	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Brick Pavers	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Brush Cutter	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Brush Hog Feeder	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Burner	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Caisson Worker	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Carpenter Tender	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Cement Dumper-paving	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Cement Finisher Tender	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Change House Or Dry Shack	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>



King	<a href="#">Laborers</a>	Chipping Gun (30 Lbs. And Over)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Chipping Gun (Under 30 Lbs.)	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Choker Setter	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Chuck Tender	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Clary Power Spreader	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Clean-up Laborer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Concrete Dumper/Chute Operator	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Concrete Form Stripper	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Concrete Placement Crew	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Concrete Saw Operator/Core Driller	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Crusher Feeder	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Curing Laborer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Demolition: Wrecking & Moving (Incl. Charred Material)	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Ditch Digger	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Diver	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Drill Operator (Hydraulic, Diamond)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Dry Stack Walls	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Dump Person	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Epoxy Technician	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Erosion Control Worker	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Faller & Bucker Chain Saw	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Fine Graders	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Firewatch	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Form Setter	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Gabian Basket Builders	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	General Laborer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Grade Checker & Transit Person	\$59.85	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Grinders	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Grout Machine Tender	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Groutmen (Pressure) Including Post Tension Beams	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Guardrail Erector	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Hazardous Waste Worker (Level A)	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Hazardous Waste Worker (Level B)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Hazardous Waste Worker (Level C)	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	High Scaler	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Jackhammer	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Laserbeam Operator	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Maintenance Person	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Manhole Builder-Mudman	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>

King	<a href="#">Laborers</a>	Material Yard Person	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Mold Abatement Worker	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Motorman-Dinky Locomotive	\$59.95	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	nozzleman (concrete pump, green cutter when using combination of high pressure air & water on concrete & rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster)	\$59.85	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Pavement Breaker	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Pilot Car	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Pipe Layer (Lead)	\$59.85	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Pipe Layer/Tailor	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Pipe Pot Tender	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Pipe Reliner	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Pipe Wrapper	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Pot Tender	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Powderman	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Powderman's Helper	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Power Jacks	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Railroad Spike Puller - Power	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Raker - Asphalt	\$59.85	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Re-timberman	\$58.56	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Remote Equipment Operator	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Rigger/Signal Person	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Rip Rap Person	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Rivet Buster	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Rodder	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Scaffold Erector	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Scale Person	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Sloper (Over 20")	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Sloper Sprayer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Spreader (Concrete)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Stake Hopper	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Stock Piler	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Swinging Stage/Boatswain Chair	\$48.14	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tamper & Similar Electric, Air & Gas Operated Tools	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Tamper (Multiple & Self-propelled)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Timber Person - Sewer (Lagger, Shorer & Cribber)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Toolroom Person (at Jobsite)	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Topper	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Track Laborer	\$56.80	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Track Liner (Power)	\$57.84	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">8Y</a>	<a href="#">View</a>
King	<a href="#">Laborers</a>	Traffic Control Laborer	\$51.48	<a href="#">15J</a>	<a href="#">4V</a>	<a href="#">9C</a>	<a href="#">View</a>

King	<u>Laborers</u>	Traffic Control Supervisor	\$54.55	<u>15J</u>	<u>4V</u>	<u>9C</u>	<a href="#">View</a>
King	<u>Laborers</u>	Truck Spotter	\$56.80	<u>15J</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
King	<u>Laborers</u>	Tugger Operator	\$57.84	<u>15J</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
King	<u>Laborers</u>	Tunnel Work-Compressed Air Worker 0-30 psi	\$158.87	<u>15J</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
King	<u>Laborers</u>	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$163.90	<u>15J</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
King	<u>Laborers</u>	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$167.58	<u>15J</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
King	<u>Laborers</u>	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$173.28	<u>15J</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
King	<u>Laborers</u>	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$175.40	<u>15J</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
King	<u>Laborers</u>	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$180.50	<u>15J</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
King	<u>Laborers</u>	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$182.40	<u>15J</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
King	<u>Laborers</u>	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$184.40	<u>15J</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
King	<u>Laborers</u>	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$186.40	<u>15J</u>	<u>4V</u>	<u>9B</u>	<a href="#">View</a>
King	<u>Laborers</u>	Tunnel Work-Guage and Lock Tender	\$59.95	<u>15J</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
King	<u>Laborers</u>	Tunnel Work-Miner	\$59.95	<u>15J</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
King	<u>Laborers</u>	Vibrator	\$57.84	<u>15J</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
King	<u>Laborers</u>	Vinyl Seamer	\$56.80	<u>15J</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
King	<u>Laborers</u>	Watchman	\$43.76	<u>15J</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
King	<u>Laborers</u>	Welder	\$57.84	<u>15J</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
King	<u>Laborers</u>	Well Point Laborer	\$57.84	<u>15J</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
King	<u>Laborers</u>	Window Washer/Cleaner	\$43.76	<u>15J</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
King	<u>Laborers - Underground Sewer &amp; Water</u>	General Laborer & Topman	\$56.80	<u>15J</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
King	<u>Laborers - Underground Sewer &amp; Water</u>	Pipe Layer	\$57.84	<u>15J</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
King	<u>Landscape Construction</u>	Landscape Construction/Landscaping Or Planting Laborers	\$43.76	<u>15J</u>	<u>4V</u>	<u>8Y</u>	<a href="#">View</a>
King	<u>Landscape Construction</u>	Landscape Operator	\$78.80	<u>15J</u>	<u>11G</u>	<u>8X</u>	<a href="#">View</a>
King	<u>Landscape Maintenance</u>	Groundskeeper	\$17.87		<u>1</u>		<a href="#">View</a>
King	<u>Lathers</u>	Journey Level	\$71.53	<u>15J</u>	<u>4C</u>		<a href="#">View</a>
King	<u>Marble Setters</u>	Journey Level	\$66.32	<u>7E</u>	<u>1N</u>		<a href="#">View</a>
King	<u>Metal Fabrication (In Shop)</u>	Fitter/Certified Welder	\$42.17	<u>15I</u>	<u>11E</u>		<a href="#">View</a>
King	<u>Metal Fabrication (In Shop)</u>	General Laborer	\$30.07	<u>15I</u>	<u>11E</u>		<a href="#">View</a>
King	<u>Metal Fabrication (In Shop)</u>	Mechanic	\$43.63	<u>15I</u>	<u>11E</u>		<a href="#">View</a>
King	<u>Metal Fabrication (In Shop)</u>	Welder/Burner	\$39.28	<u>15I</u>	<u>11E</u>		<a href="#">View</a>
King	<u>Millwright</u>	Journey Level	\$73.08	<u>15J</u>	<u>4C</u>		<a href="#">View</a>
King	<u>Modular Buildings</u>	Cabinet Assembly	\$15.74		<u>1</u>		<a href="#">View</a>
King	<u>Modular Buildings</u>	Electrician	\$15.74		<u>1</u>		<a href="#">View</a>
King	<u>Modular Buildings</u>	Equipment Maintenance	\$15.74		<u>1</u>		<a href="#">View</a>
King	<u>Modular Buildings</u>	Plumber	\$15.74		<u>1</u>		<a href="#">View</a>

King	<a href="#">Modular Buildings</a>	Production Worker	\$15.74		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Modular Buildings</a>	Tool Maintenance	\$15.74		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Modular Buildings</a>	Utility Person	\$15.74		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Modular Buildings</a>	Welder	\$15.74		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Painters</a>	Journey Level	\$49.46	<a href="#">6Z</a>	<a href="#">11J</a>		<a href="#">View</a>
King	<a href="#">Pile Driver</a>	Crew Tender	\$77.16	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Pile Driver</a>	Journey Level	\$71.98	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Plasterers</a>	Journey Level	\$67.49	<a href="#">7Q</a>	<a href="#">1R</a>		<a href="#">View</a>
King	<a href="#">Plasterers</a>	Nozzleman	\$71.49	<a href="#">7Q</a>	<a href="#">1R</a>		<a href="#">View</a>
King	<a href="#">Playground &amp; Park Equipment Installers</a>	Journey Level	\$15.74		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Plumbers &amp; Pipefitters</a>	Journey Level	\$96.69	<a href="#">6Z</a>	<a href="#">1G</a>		<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Asphalt Plant Operators	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Assistant Engineer	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Barrier Machine (zipper)	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Batch Plant Operator: concrete	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Boat Operator	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Bobcat	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Brokk - Remote Demolition Equipment	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Brooms	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Bump Cutter	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cableways	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Chipper	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Compressor	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Concrete Finish Machine - Laser Screed	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Concrete Pump: Truck Mount With Boom Attachment Over 42 M	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Conveyors	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes Friction: 200 tons and over	\$82.76	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes, A-frame: 10 tons and under	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes: 20 tons through 44 tons with attachments	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$81.97	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>

King	<a href="#">Power Equipment Operators</a>	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$82.76	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes: Friction cranes through 199 tons	\$81.97	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Cranes: through 19 tons with attachments, a-frame over 10 tons	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Crusher	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Deck Engineer/Deck Winches (power)	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Derricks, On Building Work	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Dozers D-9 & Under	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Drill Oilers: Auger Type, Truck Or Crane Mount	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Drilling Machine	\$80.92	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Elevator and man-lift: permanent and shaft type	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Forklift: 3000 lbs and over with attachments	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Forklifts: under 3000 lbs. with attachments	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Grade Engineer: Using Blue Prints, Cut Sheets, Etc	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Gradechecker/Stakeman	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Guardrail Punch	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Horizontal/Directional Drill Locator	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Horizontal/Directional Drill Operator	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Hydralifts/Boom Trucks Over 10 Tons	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Hydralifts/boom trucks: 10 tons and under	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Leverman	\$81.75	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Loaders, Overhead Under 6 Yards	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Loaders, Plant Feed	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>

King	<a href="#">Power Equipment Operators</a>	Loaders: Elevating Type Belt	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Locomotives, All	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Material Transfer Device	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Mechanics: All (Leadmen - \$0.50 per hour over mechanic)	\$80.92	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Motor Patrol Graders	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Outside Hoists (Elevators and Manlifts), Air Tuggers, Strato	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Overhead, bridge type Crane: 20 tons through 44 tons	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Overhead, bridge type: 100 tons and over	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Overhead, bridge type: 45 tons through 99 tons	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Pavement Breaker	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Pile Driver (other Than Crane Mount)	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Plant Oiler - Asphalt, Crusher	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Posthole Digger, Mechanical	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Power Plant	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Pumps - Water	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Quad 9, Hd 41, D10 And Over	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Quick Tower: no cab, under 100 feet in height base to boom	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Rigger and Bellman	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Rigger/Signal Person, Bellman(Certified)	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Rollagon	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Roller, Other Than Plant Mix	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Roller, Plant Mix Or Multi-lift Materials	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Roto-mill, Roto-grinder	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Saws - Concrete	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Scraper, Self Propelled Under 45 Yards	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Scrapers - Concrete & Carry All	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Scrapers, Self-propelled: 45 Yards And Over	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Service Engineers: Equipment	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Shotcrete/Gunite Equipment	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>



King	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$80.92	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$81.75	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Slipform Pavers	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Spreader, Topsider & Screedman	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Subgrader Trimmer	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Tower Bucket Elevators	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Tower Crane: over 175' through 250' in height, base to boom	\$81.97	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Tower crane: up to 175' in height base to boom	\$81.12	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Tower Cranes: over 250' in height from base to boom	\$82.76	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Transporters, All Track Or Truck Type	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Trenching Machines	\$78.80	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Truck Crane Oiler/Driver: 100 tons and over	\$79.62	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Truck crane oiler/driver: under 100 tons	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Truck Mount Portable Conveyor	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Vac Truck (Vactor Guzzler, Hydro Excavator)	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Welder	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Wheel Tractors, Farmall Type	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators</a>	Yo Yo Pay Dozer	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Asphalt Plant Operators	\$80.12	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Assistant Engineer	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Barrier Machine (zipper)	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Batch Plant Operator, Concrete	\$79.41	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Boat Operator	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Bobcat	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Brokk - Remote Demolition Equipment	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Power Equipment Operators-Underground Sewer &amp; Water</a>	Brooms	\$75.35	<a href="#">15J</a>	<a href="#">11G</a>	<a href="#">8X</a>	<a href="#">View</a>

King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Bump Cutter	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Cableways	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Chipper	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Compressor	\$75.35	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Concrete Finish Machine - Laser Screed	\$75.35	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$78.80	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Concrete Pump: Truck Mount With Boom Attachment Over 42 M	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Conveyors	\$78.80	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Cranes Friction: 200 tons and over	\$82.76	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Cranes, A-frame: 10 tons and under	\$75.55	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	\$81.12	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Cranes: 20 tons through 44 tons with attachments	\$79.62	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Cranes: 20 tons through 44 tons with attachments	\$79.62	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$81.97	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$82.76	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	\$80.33	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Cranes: Friction cranes through 199 tons	\$81.97	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Cranes: through 19 tons with attachments, a-frame over 10 tons	\$79.00	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Crusher	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Deck Engineer/Deck Winches (power)	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Derricks, On Building Work	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>



King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Dozers D-9 & Under	\$78.80	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Drill Oilers: Auger Type, Truck Or Crane Mount	\$78.80	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Drilling Machine	\$80.92	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Elevator and man-lift: permanent and shaft type	\$75.35	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Forklift: 3000 lbs and over with attachments	\$78.80	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Forklifts: under 3000 lbs. with attachments	\$75.35	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Grade Engineer: Using Blue Prints, Cut Sheets, Etc	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Gradechecker/Stakeman	\$75.35	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Guardrail Punch	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Hard Tail End Dump Articulating Off-road Equipment Under 45 Yards	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Horizontal/Directional Drill Locator	\$78.80	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Horizontal/Directional Drill Operator	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Hydralifts/boom trucks: 10 tons and under	\$75.55	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Hydralifts/boom trucks: over 10 tons	\$79.00	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Leverman	\$81.75	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Loaders, Overhead Under 6 Yards	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Loaders, Plant Feed	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Loaders: Elevating Type Belt	\$78.80	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Locomotives, All	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Material Transfer Device	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Mechanics: All (Leadmen - \$0.50 per hour over mechanic)	\$80.92	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Motor Patrol Graders	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>

King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$75.35	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Outside Hoists (Elevators and Manlifts), Air Tuggers, Strato	\$78.80	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Overhead, bridge type Crane: 20 tons through 44 tons	\$79.62	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Overhead, bridge type: 100 tons and over	\$81.12	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Overhead, bridge type: 45 tons through 99 tons	\$80.33	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Pavement Breaker	\$75.35	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Pile Driver (other Than Crane Mount)	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Plant Oiler - Asphalt, Crusher	\$78.80	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Posthole Digger, Mechanical	\$75.35	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Power Plant	\$75.35	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Pumps - Water	\$75.35	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Quad 9, Hd 41, D10 And Over	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Quick Tower: no cab, under 100 feet in height base to boom	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Rigger and Bellman	\$75.55	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Rigger/Signal Person, Bellman(Certified)	\$79.00	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Rollagon	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Roller, Other Than Plant Mix	\$75.35	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Roller, Plant Mix Or Multi-lift Materials	\$78.80	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Roto-mill, Roto-grinder	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Saws - Concrete	\$78.80	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Scraper, Self Propelled Under 45 Yards	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Scrapers - Concrete & Carry All	\$78.80	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>

King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Scrapers, Self-propelled: 45 Yards And Over	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Shotcrete/Gunite Equipment	\$75.35	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$78.80	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$80.92	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$81.75	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Slipform Pavers	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Spreader, Toppersider & Screedman	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Subgrader Trimmer	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Tower Bucket Elevators	\$78.80	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Tower Crane: over 175' through 250' in height, base to boom	\$81.97	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Tower crane: up to 175' in height base to boom	\$81.12	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Tower Cranes: over 250' in height from base to boom	\$82.76	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Transporters, All Track Or Truck Type	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Trenching Machines	\$78.80	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Truck Crane Oiler/Driver: 100 tons and over	\$79.62	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Truck Crane Oiler/Driver: 100 tons and over	\$79.62	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Truck crane oiler/driver: under 100 tons	\$79.00	<a href="#"><u>7A</u></a>	<a href="#"><u>11H</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Truck Mount Portable Conveyor	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Vac Truck (Vactor Guzzler, Hydro Excavator)	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Welder	\$80.12	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Wheel Tractors, Farmall Type	\$75.35	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Equipment Operators-Underground Sewer &amp; Water</u></a>	Yo Yo Pay Dozer	\$79.41	<a href="#"><u>15J</u></a>	<a href="#"><u>11G</u></a>	<a href="#"><u>8X</u></a>	<a href="#"><u>View</u></a>
King	<a href="#"><u>Power Line Clearance Tree Trimmers</u></a>	Journey Level In Charge	\$57.22	<a href="#"><u>5A</u></a>	<a href="#"><u>4A</u></a>		<a href="#"><u>View</u></a>

King	<a href="#">Power Line Clearance Tree Trimmers</a>	Spray Person	\$54.32	<a href="#">5A</a>	<a href="#">4A</a>	<a href="#">View</a>
King	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Equipment Operator	\$57.22	<a href="#">5A</a>	<a href="#">4A</a>	<a href="#">View</a>
King	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Trimmer	\$51.18	<a href="#">5A</a>	<a href="#">4A</a>	<a href="#">View</a>
King	<a href="#">Power Line Clearance Tree Trimmers</a>	Tree Trimmer Groundperson	\$38.99	<a href="#">5A</a>	<a href="#">4A</a>	<a href="#">View</a>
King	<a href="#">Refrigeration &amp; Air Conditioning Mechanics</a>	Journey Level	\$92.51	<a href="#">6Z</a>	<a href="#">1G</a>	<a href="#">View</a>
King	<a href="#">Residential Brick Mason</a>	Journey Level	\$66.32	<a href="#">7E</a>	<a href="#">1N</a>	<a href="#">View</a>
King	<a href="#">Residential Carpenters</a>	Journey Level	\$36.44		<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Residential Cement Masons</a>	Journey Level	\$46.64		<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Residential Drywall Applicators</a>	Journey Level	\$71.53	<a href="#">15J</a>	<a href="#">4C</a>	<a href="#">View</a>
King	<a href="#">Residential Drywall Tapers</a>	Journey Level	\$36.36		<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Residential Electricians</a>	Journey Level	\$48.80		<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Residential Glaziers</a>	Journey Level	\$28.93		<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Residential Insulation Applicators</a>	Journey Level	\$28.18		<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Residential Laborers</a>	Journey Level	\$29.73		<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Residential Marble Setters</a>	Journey Level	\$27.38		<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Residential Painters</a>	Journey Level	\$23.47		<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Residential Plumbers &amp; Pipefitters</a>	Journey Level	\$96.69	<a href="#">6Z</a>	<a href="#">1G</a>	<a href="#">View</a>
King	<a href="#">Residential Refrigeration &amp; Air Conditioning Mechanics</a>	Journey Level	\$92.51	<a href="#">6Z</a>	<a href="#">1G</a>	<a href="#">View</a>
King	<a href="#">Residential Sheet Metal Workers</a>	Journey Level	\$94.11	<a href="#">7F</a>	<a href="#">1E</a>	<a href="#">View</a>
King	<a href="#">Residential Soft Floor Layers</a>	Journey Level	\$55.76	<a href="#">5A</a>	<a href="#">3J</a>	<a href="#">View</a>
King	<a href="#">Residential Sprinkler Fitters (Fire Protection)</a>	Journey Level	\$58.26	<a href="#">5C</a>	<a href="#">2R</a>	<a href="#">View</a>
King	<a href="#">Residential Stone Masons</a>	Journey Level	\$66.32	<a href="#">7E</a>	<a href="#">1N</a>	<a href="#">View</a>
King	<a href="#">Residential Terrazzo Workers</a>	Journey Level	\$60.36	<a href="#">7E</a>	<a href="#">1N</a>	<a href="#">View</a>
King	<a href="#">Residential Terrazzo/Tile Finishers</a>	Journey Level	\$24.39		<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Residential Tile Setters</a>	Journey Level	\$21.04		<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Roofers</a>	Journey Level	\$60.95	<a href="#">5A</a>	<a href="#">3H</a>	<a href="#">View</a>
King	<a href="#">Roofers</a>	Using Irritable Bituminous Materials	\$63.95	<a href="#">5A</a>	<a href="#">3H</a>	<a href="#">View</a>
King	<a href="#">Sheet Metal Workers</a>	Journey Level (Field or Shop)	\$94.11	<a href="#">7E</a>	<a href="#">1E</a>	<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Boilermaker	\$41.83	<a href="#">7V</a>	<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Carpenter	\$41.83	<a href="#">7V</a>	<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Crane Operator	\$41.83	<a href="#">7V</a>	<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Electrician	\$41.83	<a href="#">7V</a>	<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Heat & Frost Insulator	\$84.84	<a href="#">15H</a>	<a href="#">11C</a>	<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Laborer	\$41.83	<a href="#">7V</a>	<a href="#">1</a>	<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Machinist	\$41.83	<a href="#">7V</a>	<a href="#">1</a>	<a href="#">View</a>

King	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Operating Engineer	\$41.83	<a href="#">7V</a>	<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Painter	\$41.83	<a href="#">7V</a>	<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Pipefitter	\$41.83	<a href="#">7V</a>	<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Rigger	\$41.83	<a href="#">7V</a>	<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Sheet Metal	\$41.83	<a href="#">7V</a>	<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Shipfitter	\$41.83	<a href="#">7V</a>	<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Warehouse/Teamster	\$41.83	<a href="#">7V</a>	<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	New Construction Welder / Burner	\$41.83	<a href="#">7V</a>	<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Boilermaker	\$50.35	<a href="#">7X</a>	<a href="#">4J</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Carpenter	\$50.95	<a href="#">7X</a>	<a href="#">4J</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Crane Operator	\$45.06	<a href="#">7Y</a>	<a href="#">4K</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Electrician	\$50.42	<a href="#">7X</a>	<a href="#">4J</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Heat & Frost Insulator	\$84.84	<a href="#">15H</a>	<a href="#">11C</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Laborer	\$50.95	<a href="#">7X</a>	<a href="#">4J</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Machinist	\$50.95	<a href="#">7X</a>	<a href="#">4J</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Operating Engineer	\$45.06	<a href="#">7Y</a>	<a href="#">4K</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Painter	\$50.95	<a href="#">7X</a>	<a href="#">4J</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Pipefitter	\$50.95	<a href="#">7X</a>	<a href="#">4J</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Rigger	\$50.35	<a href="#">7X</a>	<a href="#">4J</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Sheet Metal	\$50.35	<a href="#">7X</a>	<a href="#">4J</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Shipwright	\$50.95	<a href="#">7X</a>	<a href="#">4J</a>		<a href="#">View</a>
King	<a href="#">Shipbuilding &amp; Ship Repair</a>	Ship Repair Warehouse / Teamster	\$45.06	<a href="#">7Y</a>	<a href="#">4K</a>		<a href="#">View</a>
King	<a href="#">Sign Makers &amp; Installers (Electrical)</a>	Journey Level	\$55.78	<a href="#">0</a>	<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Sign Makers &amp; Installers (Non-Electrical)</a>	Journey Level	\$35.73	<a href="#">0</a>	<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Soft Floor Layers</a>	Journey Level	\$62.39	<a href="#">15J</a>	<a href="#">4C</a>		<a href="#">View</a>
King	<a href="#">Solar Controls For Windows</a>	Journey Level	\$15.74		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Sprinkler Fitters (Fire Protection)</a>	Journey Level	\$92.49	<a href="#">5C</a>	<a href="#">1X</a>		<a href="#">View</a>
King	<a href="#">Stage Rigging Mechanics (Non Structural)</a>	Journey Level	\$15.74		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Stone Masons</a>	Journey Level	\$66.32	<a href="#">7E</a>	<a href="#">1N</a>		<a href="#">View</a>
King	<a href="#">Street And Parking Lot Sweeper Workers</a>	Journey Level	\$19.09		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Surveyors</a>	Assistant Construction Site Surveyor	\$79.00	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Surveyors</a>	Chainman	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Surveyors</a>	Construction Site Surveyor	\$80.33	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Surveyors</a>	Drone Operator (when used in conjunction with survey work only)	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Surveyors</a>	Ground Penetrating Radar Operator	\$75.55	<a href="#">7A</a>	<a href="#">11H</a>	<a href="#">8X</a>	<a href="#">View</a>
King	<a href="#">Telecommunication Technicians</a>	Journey Level	\$62.13	<a href="#">7E</a>	<a href="#">1E</a>		<a href="#">View</a>

King	<a href="#">Telephone Line Construction - Outside</a>	Cable Splicer	\$39.15	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
King	<a href="#">Telephone Line Construction - Outside</a>	Hole Digger/Ground Person	\$26.29	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
King	<a href="#">Telephone Line Construction - Outside</a>	Telephone Equipment Operator (Light)	\$32.72	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
King	<a href="#">Telephone Line Construction - Outside</a>	Telephone Lineperson	\$37.00	<a href="#">5A</a>	<a href="#">2B</a>		<a href="#">View</a>
King	<a href="#">Terrazzo Workers</a>	Journey Level	\$60.36	<a href="#">7E</a>	<a href="#">1N</a>		<a href="#">View</a>
King	<a href="#">Tile Setters</a>	Journey Level	\$60.36	<a href="#">7E</a>	<a href="#">1N</a>		<a href="#">View</a>
King	<a href="#">Tile, Marble &amp; Terrazzo Finishers</a>	Finisher	\$51.19	<a href="#">7E</a>	<a href="#">1N</a>		<a href="#">View</a>
King	<a href="#">Traffic Control Stripers</a>	Journey Level	\$51.90	<a href="#">7A</a>	<a href="#">1K</a>		<a href="#">View</a>
King	<a href="#">Truck Drivers</a>	Asphalt Mix Over 16 Yards	\$72.45	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
King	<a href="#">Truck Drivers</a>	Asphalt Mix To 16 Yards	\$71.61	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
King	<a href="#">Truck Drivers</a>	Dump Truck	\$71.61	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
King	<a href="#">Truck Drivers</a>	Dump Truck & Trailer	\$72.45	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
King	<a href="#">Truck Drivers</a>	Other Trucks	\$72.45	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
King	<a href="#">Truck Drivers - Ready Mix</a>	Transit Mix	\$72.45	<a href="#">15J</a>	<a href="#">11M</a>	<a href="#">8L</a>	<a href="#">View</a>
King	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Irrigation Pump Installer	\$17.71		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Oiler	\$15.74		<a href="#">1</a>		<a href="#">View</a>
King	<a href="#">Well Drillers &amp; Irrigation Pump Installers</a>	Well Driller	\$18.00		<a href="#">1</a>		<a href="#">View</a>



Benefit Code Key – Effective 3/3/2023 thru 8/30/2023

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Overtime Codes

**Overtime calculations** are based on the hourly rate actually paid to the worker. On public works projects, the hourly rate must be not less than the prevailing rate of wage minus the hourly rate of the cost of fringe benefits actually provided for the worker.

1. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

B. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

C. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

D. The first two (2) hours before or after a five-eight (8) hour workweek day or a four-ten (10) hour workweek day and the first eight (8) hours worked the next day after either workweek shall be paid at one and one-half times the hourly rate of wage. All additional hours worked and all worked on Sundays and holidays shall be paid at double the hourly rate of wage.

E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.

G. The first ten (10) hours worked on Saturdays and the first ten (10) hours worked on a fifth calendar weekday in a four-ten hour schedule, shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

H. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions or equipment breakdown) shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

I. All hours worked on Sundays and holidays shall also be paid at double the hourly rate of wage.

J. The first two (2) hours after eight (8) regular hours Monday through Friday and the first ten (10) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage.

K. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.

M. All hours worked on Saturdays (except makeup days if work is lost due to inclement weather conditions) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

N. All hours worked on Saturdays (except makeup days) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

**Overtime Codes Continued**

- I. O. The first ten (10) hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays, holidays and after twelve (12) hours, Monday through Friday and after ten (10) hours on Saturday shall be paid at double the hourly rate of wage.
- P. All hours worked on Saturdays (except makeup days if circumstances warrant) and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- Q. The first two (2) hours after eight (8) regular hours Monday through Friday and up to ten (10) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of ten (10) hours per day Monday through Saturday and all hours worked on Sundays and holidays (except Christmas day) shall be paid at double the hourly rate of wage. All hours worked on Christmas day shall be paid at two and one-half times the hourly rate of wage.
- R. All hours worked on Sundays and holidays shall be paid at two times the hourly rate of wage.
- U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays (except Labor Day) shall be paid at two times the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage.
- V. All hours worked on Sundays and holidays (except Thanksgiving Day and Christmas day) shall be paid at one and one-half times the hourly rate of wage. All hours worked on Thanksgiving Day and Christmas day shall be paid at double the hourly rate of wage.
- W. All hours worked on Saturdays and Sundays (except make-up days due to conditions beyond the control of the employer)) shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at double the hourly rate of wage.
- X. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked over twelve (12) hours Monday through Saturday, Sundays and holidays shall be paid at double the hourly rate of wage. When holiday falls on Saturday or Sunday, the day before Saturday, Friday, and the day after Sunday, Monday, shall be considered the holiday and all work performed shall be paid at double the hourly rate of wage.
- Y. All hours worked outside the hours of 5:00 am and 5:00 pm (or such other hours as may be agreed upon by any employer and the employee) and all hours worked in excess of eight (8) hours per day (10 hours per day for a 4 x 10 workweek) and on Saturdays and holidays (except labor day) shall be paid at one and one-half times the hourly rate of wage. (except for employees who are absent from work without prior approval on a scheduled workday during the workweek shall be paid at the straight-time rate until they have worked 8 hours in a day (10 in a 4 x 10 workweek) or 40 hours during that workweek.) All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and Labor Day shall be paid at double the hourly rate of wage.
- Z. All hours worked on Saturdays and Sundays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid the straight time rate of pay in addition to holiday pay.



**Overtime Codes Continued**

2. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

- B. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
- F. The first eight (8) hours worked on holidays shall be paid at the straight hourly rate of wage in addition to the holiday pay. All hours worked in excess of eight (8) hours on holidays shall be paid at double the hourly rate of wage.
- M. This code appears to be missing. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage.
- O. All hours worked on Sundays and holidays shall be paid at one and one-half times the hourly rate of wage.
- R. All hours worked on Sundays and holidays and all hours worked over sixty (60) in one week shall be paid at double the hourly rate of wage.
- U. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked over 12 hours in a day or on Sundays and holidays shall be paid at double the hourly rate of wage.

3. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

- F. All hours worked on Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sunday shall be paid at two times the hourly rate of wage. All hours worked on paid holidays shall be paid at two and one-half times the hourly rate of wage including holiday pay.
- H. All work performed on Sundays between March 16th and October 14th and all Holidays shall be compensated for at two (2) times the regular rate of pay. Work performed on Sundays between October 15th and March 15th shall be compensated at one and one half (1-1/2) times the regular rate of pay.
- J. All hours worked between the hours of 10:00 pm and 5:00 am, Monday through Friday, and all hours worked on Saturdays shall be paid at a one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- K. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the eight (8) hours rest period.

**Overtime Codes Continued**

4. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.
- A. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturdays, Sundays and holidays shall be paid at double the hourly rate of wage
- C. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay. On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay, except that if the job is down on Monday through Friday due to weather conditions or other conditions outside the control of the employer, the first ten (10) hours on Saturday may be worked at the straight time rate of pay. All hours worked over twelve (12) hours in a day and all hours worked on Sunday and Holidays shall be paid at two (2) times the straight time rate of pay.
- D. All hours worked in excess of eight (8) hours per day or forty (40) hours per week shall be paid at double the hourly rate of wage. All hours worked on Saturday, Sundays and holidays shall be paid at double the hourly rate of pay. Rates include all members of the assigned crew.
- EXCEPTION:  
On all multipole structures and steel transmission lines, switching stations, regulating, capacitor stations, generating plants, industrial plants, associated installations and substations, except those substations whose primary function is to feed a distribution system, will be paid overtime under the following rates:
- The first two (2) hours after eight (8) regular hours Monday through Friday of overtime on a regular workday, shall be paid at one and one-half times the hourly rate of wage. All hours in excess of ten (10) hours will be at two (2) times the hourly rate of wage. The first eight (8) hours worked on Saturday will be paid at one and one-half (1-1/2) times the hourly rate of wage. All hours worked in excess of eight (8) hours on Saturday, and all hours worked on Sundays and holidays will be at the double the hourly rate of wage.
- All overtime eligible hours performed on the above described work that is energized, shall be paid at the double the hourly rate of wage.
- E. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one and one half (1½) times the regular shift rate for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- G. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked Monday through Saturday over twelve (12) hours and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- I. The First eight (8) hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) per day on Saturdays shall be paid at double the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.

**Overtime Codes Continued**

4. J. The first eight (8) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked in excess of eight (8) hours on a Saturday shall be paid at double the hourly rate of wage. All hours worked over twelve (12) in a day, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.
- K. All hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage, so long as Saturday is the sixth consecutive day worked. All hours worked over twelve (12) in a day Monday through Saturday, and all hours worked on Sundays and Holidays shall be paid at double the hourly rate of wage.
- L. The first twelve (12) hours worked on a Saturday shall be paid at one and one-half times the hourly rate of wage. All hours worked on a Saturday in excess of twelve (12) hours shall be paid at double the hourly rate of pay. All hours worked over twelve (12) in a day Monday through Friday, and all hours worked on Sundays shall be paid at double the hourly rate of wage. All hours worked on a holiday shall be paid at one and one-half times the hourly rate of wage, except that all hours worked on Labor Day shall be paid at double the hourly rate of pay.
- U. The first four (4) hours after eight (8) regular hours Monday through Friday and the first twelve (12) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. (Except on makeup days if work is lost due to inclement weather, then the first eight (8) hours on Saturday may be paid the regular rate.) All hours worked over twelve (12) hours Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- S. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, work performed in excess of (10) hours shall be paid at one and one half (1-1/2) times the hourly rate of pay. On Monday through Friday, work performed outside the normal work hours of 6:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations).

All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. When an employee returns to work without at least eight (8) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

Multiple Shift Operations: When the first shift of a multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. Special Shifts: The Special Shift Premium is the basic hourly rate of pay plus \$2.00 an hour. When due to conditions beyond the control of the employer or when an owner (not acting as the contractor), a government agency or the contract specifications require more than four (4) hours of a special shift can only be performed outside the normal 6am to 6pm shift then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid the special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday).

**Overtime Codes Continued**

4. V. Work performed in excess of ten (10) hours of straight time per day when four ten (10) hour shifts are established or outside the normal shift (5 am to 6pm), and all work on Saturdays, except for make-up days shall be paid at time and one-half (1 ½) the straight time rate.

In the event the job is down due to weather conditions, then Saturday may, be worked as a voluntary make-up day at the straight time rate. However, Saturday shall not be utilized as a make-up day when a holiday falls on Friday. All work performed on Sundays and holidays and work in excess of twelve (12) hours per day shall be paid at double (2x) the straight time rate of pay.

After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

When an employee returns to work without a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

- X. All hours worked on Saturdays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays and holidays shall be paid at double the hourly rate of wage. Work performed outside the normal shift of 6 am to 6pm shall be paid at one and one-half the straight time rate, (except for special shifts or three shift operations). All work performed on Sundays and holidays shall be paid at double the hourly rate of wage. Shifts may be established when considered necessary by the Employer.

The Employer may establish shifts consisting of eight (8) or ten (10) hours of work (subject to WAC 296-127-022), that shall constitute a normal forty (40) hour work week. The Employer can change from a 5-eight to a 4-ten hour schedule or back to the other. All hours of work on these shifts shall be paid for at the straight time hourly rate. Work performed in excess of eight hours (or ten hours per day (subject to WAC 296-127-022) shall be paid at one and one-half the straight time rate.

When due to conditions beyond the control of the Employer, or when contract specifications require that work can only be performed outside the regular day shift, then by mutual agreement a special shift may be worked at the straight time rate, eight (8) hours work for eight (8) hours pay. The starting time shall be arranged to fit such conditions of work.

When an employee returns to work without at a break of eight (8) hours since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours.

11. ALL HOURS WORKED IN EXCESS OF EIGHT (8) HOURS PER DAY OR FORTY (40) HOURS PER WEEK SHALL BE PAID AT ONE AND ONE-HALF TIMES THE HOURLY RATE OF WAGE.

- B After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.

- C The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other overtime hours worked, except Labor Day, and all hours on Sunday shall be paid at double the hourly rate of wage. All hours worked on Labor Day shall be paid at three times the hourly rate of wage. All non-overtime and non-holiday hours worked between 4:00 pm and 5:00 am, Monday through Friday, shall be paid at a premium rate of 15% over the hourly rate of wage.

**Overtime Codes Continued**

11. D. All hours worked on Saturdays and holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on Sundays shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
- E. The first two (2) hours after eight (8) regular hours Monday through Friday, the first ten (10) hours on Saturday, and the first ten (10) hours worked on Holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked over ten (10) hours Monday through Saturday, and Sundays shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours, all additional hours worked shall be paid at the applicable overtime rate until such time as the employee has had a break of eight (8) hours or more.
- F. The first two (2) hours after eight (8) regular hours Monday through Friday and the first eight (8) hours on Saturday shall be paid at one and one-half times the hourly rate of wage. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- On a four-day, ten-hour weekly schedule, either Monday thru Thursday or Tuesday thru Friday schedule, all hours worked after ten shall be paid at double the hourly rate of wage. The Monday or Friday not utilized in the normal four-day, ten hour work week, and Saturday shall be paid at one-half times the hourly rate of wage for the first eight (8) hours. All other hours worked Monday through Saturday, and all hours worked on Sundays and holidays shall be paid at double the hourly rate of wage.
- G. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage.
- All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of nine (9) hours or more. When an employee returns to work without at least nine (9) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the nine (9) hours rest period.
- H. Work performed in excess of eight (8) hours of straight time per day, or ten (10) hours of straight time per day when four ten (10) hour shifts are established, or forty (40) hours of straight time per week, Monday through Friday, or outside the normal 5 am to 6pm shift, and all work on Saturdays shall be paid at one and one-half times the hourly rate of wage.
- All work performed after 6:00 pm Saturday to 5:00 am Monday and Holidays, and all hours worked in excess of twelve (12) hours in a single shift shall be paid at double the hourly rate of wage.
- After an employee has worked eight (8) hours at an applicable overtime rate, all additional hours shall be at the applicable overtime rate until such time as the employee has had a break of ten (10) hours or more. When an employee returns to work without at least ten (10) hours time off since their previous shift, all such time shall be a continuation of shift and paid at the applicable overtime rate until he/she shall have the ten (10) hours rest period.

**Overtime Codes Continued**

11. J. All hours worked on holidays shall be paid at double the hourly rate of wage.
- K. On Monday through Friday hours worked outside 4:00 am and 5:00 pm, and the first two (2) hours after eight (8) hours worked shall be paid at one and one-half times the hourly rate. All hours worked over 10 hours per day Monday through Friday, and all hours worked on Saturdays, Sundays, and Holidays worked shall be paid at double the hourly rate of wage.
- L. An employee working outside 5:00 am and 5:00 pm shall receive an additional two dollar (\$2.00) per hour for all hours worked that shift. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage. All hours worked on holidays shall be paid at one and one-half times the hourly rate of wage.
- M. On Monday through Friday, the first four (4) hours of overtime after eight (8) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay, unless a four (4) day ten (10) hour workweek has been established. On a four (4) day ten (10) hour workweek scheduled Monday through Thursday, or Tuesday through Friday, the first two (2) hours of overtime after ten (10) hours of straight time work shall be paid at one and one half (1-1/2) times the straight time rate of pay.
- Work performed outside the normal work hours of 5:00 a.m. and 6:00 p.m. shall be paid at one and one-half (1-1/2) times the straight time rate, (except for special shifts or multiple shift operations). When the first shift of a multiple shift (a two or three shift) operation is started at the basic straight time rate or at a specific overtime rate, all shifts of that day's operation shall be completed at that rate. When due to conditions beyond the control of the Employer or when contract specifications require that work can only be performed outside the regular day shift of 5:00 am to 6:00 pm, then a special shift may be worked at the straight time rate, plus the shift pay premium when applicable. The starting time of work will be arranged to fit such conditions of work. Such shift shall consist of eight (8) hours work for eight (8) hours pay or ten (10) hours work for ten (10) hours pay for four ten shifts.
- On Saturday, the first twelve (12) hours of work shall be paid at one and one half (1-1/2) times the straight time rate of pay. All work performed after 6:00 pm Saturday to 5:00 am Monday, all work performed over twelve (12) hours, and all work performed on holidays shall be paid at double the straight time rate of pay.
- Shift Pay Premium: In an addition to any overtime already required, all hours worked between the hours of 6:00 pm and 5:00 am shall receive an additional two dollars (\$2.00) per hour.
- N. All work performed over twelve hours in a shift and all work performed on Sundays and Holidays shall be paid at double the straight time rate.
- Any time worked over eight (8) hours on Saturday shall be paid double the straight time rate, except employees assigned to work six 10-hour shifts per week shall be paid double the straight time rate for any time worked on Saturday over 10 hours.

Benefit Code Key – Effective 3/3/2023 thru 8/30/2023

**Holiday Codes**

5. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, and Christmas Day (7).
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, the day before Christmas, and Christmas Day (8).
- C. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
- D. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8).
- H. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Day after Thanksgiving Day, And Christmas (6).
- I. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- K. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9).
- L. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (8).
- N. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, The Friday After Thanksgiving Day, And Christmas Day (9).
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday And Saturday After Thanksgiving Day, The Day Before Christmas, And Christmas Day (9). If A Holiday Falls On Sunday, The Following Monday Shall Be Considered As A Holiday.
- Q. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6).
- R. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Day After Thanksgiving Day, One-Half Day Before Christmas Day, And Christmas Day. (7 1/2).
- S. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, And Christmas Day (7).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8).
6. G. Paid Holidays: New Year's Day, Martin Luther King Jr. Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and Christmas Eve Day (11).
- H. Paid Holidays: New Year's Day, New Year's Eve Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday After Thanksgiving Day, Christmas Day, The Day After Christmas, And A Floating Holiday (10).

Benefit Code Key – Effective 3/3/2023 thru 8/30/2023

**Holiday Codes Continued**

6. T. Paid Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Last Working Day Before Christmas Day, And Christmas Day (9).
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). If a holiday falls on Saturday, the preceding Friday shall be considered as the holiday. If a holiday falls on Sunday, the following Monday shall be considered as the holiday.
7. A. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any Holiday Which Falls On A Sunday Shall Be Observed As A Holiday On The Following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- B. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- C. Holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- D. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (8). Unpaid Holidays: President's Day. Any paid holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any paid holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- E. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- F. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the last working day before Christmas day and Christmas day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- G. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.



Benefit Code Key – Effective 3/3/2023 thru 8/30/2023

**Holiday Codes Continued**

7. J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- L. Holidays: New Year's Day, Memorial Day, Labor Day, Independence Day, Thanksgiving Day, the Last Work Day before Christmas Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- N. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. When Christmas falls on a Saturday, the preceding Friday shall be observed as a holiday.
- P. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, And Christmas Day (7). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.
- Q. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. If any of the listed holidays falls on a Saturday, the preceding Friday shall be a regular work day.
- S. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Friday after Thanksgiving Day, Christmas Day, the Day after Christmas, and A Floating Holiday (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- V. Holidays: New Year's Day, President's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, the day before or after Christmas, and the day before or after New Year's Day. If any of the above listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- W. Holidays: New Year's Day, Day After New Year's, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Eve Day, Christmas Day, the day after Christmas, the day before New Year's Day, and a Floating Holiday.
- X. Holidays: New Year's Day, Day before or after New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, Christmas Day, and the day before or after Christmas day. If a holiday falls on a Saturday or on a Friday that is the normal day off, then the holiday will be taken on the last normal workday. If the holiday falls on a Monday that is the normal day off or on a Sunday, then the holiday will be taken on the next normal workday.
- Y. Holidays: New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, and Christmas Day. (8) If the holiday falls on a Sunday, then the day observed by the federal government shall be considered a holiday and compensated accordingly.
- Z. Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, Christmas Eve, and Christmas Day (9). Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday. Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday.

**Holiday Codes Continued**

15. G. New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, the last scheduled workday before Christmas, and Christmas Day (9). If any of the listed holidays falls on a Sunday, the day observed by the Nation shall be considered a holiday and compensated accordingly.
- H. Holidays: New Year's Day, Martin Luther King Jr. Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, the Friday after Thanksgiving Day, the Last Working Day before Christmas Day and Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- I. Holidays: New Year's Day, President's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day, The Friday After Thanksgiving Day, The Day Before Christmas Day And Christmas Day (9). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- J. Holidays: New Year's Day, Independence Day, Memorial Day, Labor Day, Thanksgiving Day and Christmas Day (6). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.
- K. Holidays: New Year's Day, Memorial Day, Independence Day, Thanksgiving Day, the Friday and Saturday after Thanksgiving Day, And Christmas Day (8). Any holiday which falls on a Sunday shall be observed as a holiday on the following Monday. Any holiday which falls on a Saturday shall be observed as a holiday on the preceding Friday.

**Note Codes**

8. D. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- L. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$0.75, Level B: \$0.50, And Level C: \$0.25.
- M. Workers on hazmat projects receive additional hourly premiums as follows: Levels A & B: \$1.00, Levels C & D: \$0.50.
- N. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.
- S. Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.
- T. Effective August 31, 2012 – A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. This classification is only effective on or after August 31, 2012.

**Note Codes Continued**

8. U. Workers on hazmat projects receive additional hourly premiums as follows – Class A Suit: \$2.00, Class B Suit: \$1.50, And Class C Suit: \$1.00. Workers performing underground work receive an additional \$0.40 per hour for any and all work performed underground, including operating, servicing and repairing of equipment. The premium for underground work shall be paid for the entire shift worked. Workers who work suspended by a rope or cable receive an additional \$0.50 per hour. The premium for work suspended shall be paid for the entire shift worked. Workers who do “pioneer” work (break open a cut, build road, etc.) more than one hundred fifty (150) feet above grade elevation receive an additional \$0.50 per hour.
- V. In addition to the hourly wage and fringe benefits, the following depth and enclosure premiums shall be paid. The premiums are to be calculated for the maximum depth and distance into an enclosure that a diver reaches in a day. The premiums are to be paid one time for the day and are not used in calculating overtime pay.
- Depth premiums apply to depths of fifty feet or more. Over 50' to 100' - \$2.00 per foot for each foot over 50 feet. Over 101' to 150' - \$3.00 per foot for each foot over 101 feet. Over 151' to 220' - \$4.00 per foot for each foot over 220 feet. Over 221' - \$5.00 per foot for each foot over 221 feet.
- Enclosure premiums apply when divers enter enclosures (such as pipes or tunnels) where there is no vertical ascent and is measured by the distance travelled from the entrance. 25' to 300' - \$1.00 per foot from entrance. 300' to 600' - \$1.50 per foot beginning at 300'. Over 600' - \$2.00 per foot beginning at 600'.
- W. Meter Installers work on single phase 120/240V self-contained residential meters. The Lineman/Groundmen rates would apply to meters not fitting this description.
- X. Workers on hazmat projects receive additional hourly premiums as follows - Class A Suit: \$2.00, Class B Suit: \$1.50, Class C Suit: \$1.00, and Class D Suit: \$0.50. Special Shift Premium: Basic hourly rate plus \$2.00 per hour.
- When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications requires that work can only be performed outside the normal 5 am to 6pm shift, then the special shift premium will be applied to the basic hourly rate. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in OT or Double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)
- Y. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay.
- Swinging Stage/Boatswains Chair: Employees working on a swinging state or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.
- Z. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.
- Special Shift Premium: Basic hourly rate plus \$2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as a contractor), a government agency or the contract specifications require that more than (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they will be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

**Note Codes Continued**

9. A. Workers working with supplied air on hazmat projects receive an additional \$1.00 per hour.

Special Shift Premium: Basic hourly rate plus \$2.00 per hour. When due to conditions beyond the control of the Employer or when an owner (not acting as the contractor), a government agency or the contract specifications require that more than four (4) hours of a special shift can only be performed outside the normal 6 am to 6pm shift, then the special shift premium will be applied to the basic straight time for the entire shift. When an employee works on a special shift, they shall be paid a special shift premium for each hour worked unless they are in overtime or double-time status. (For example, the special shift premium does not waive the overtime requirements for work performed on Saturday or Sunday.)

Certified Crane Operator Premium: Crane operators requiring certifications shall be paid \$0.50 per hour above their classification rate.

Boom Pay Premium: All cranes including tower shall be paid as follows based on boom length:

(A) – 130' to 199' – \$0.50 per hour over their classification rate.

(B) – 200' to 299' – \$0.80 per hour over their classification rate.

(C) – 300' and over – \$1.00 per hour over their classification rate.

- B. The highest pressure registered on the gauge for an accumulated time of more than fifteen (15) minutes during the shift shall be used in determining the scale paid.

Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.

- C. Tide Work: When employees are called out between the hours of 6:00 p.m. and 6:00 a.m. to work on tide work (work located in the tide plane) all time worked shall be at one and one-half times the hourly rate of pay. Swinging Stage/Boatswains Chair: Employees working on a swinging stage or boatswains chair or under conditions that require them to be tied off to allow their hands to be free shall receive seventy-five cents (\$0.75) per hour above the classification rate.

Effective August 31, 2012 – A Traffic Control Supervisor shall be present on the project whenever flagging or spotting or other traffic control labor is being utilized. A Traffic Control Laborer performs the setup, maintenance and removal of all temporary traffic control devices and construction signs necessary to control vehicular, bicycle, and pedestrian traffic during construction operations. Flaggers and Spotters shall be posted where shown on approved Traffic Control Plans or where directed by the Engineer. All flaggers and spotters shall possess a current flagging card issued by the State of Washington, Oregon, Montana, or Idaho. These classifications are only effective on or after August 31, 2012.

- D. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, bridges, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.
- E. Heavy Construction includes construction, repair, alteration or additions to the production, fabrication or manufacturing portions of industrial or manufacturing plants, hydroelectric or nuclear power plants and atomic reactor construction. Workers on hazmat projects receive additional hourly premiums as follows -Level A: \$1.00, Level B: \$0.75, Level C: \$0.50, And Level D: \$0.25.
- F. Industrial Painter wages are required for painting within industrial facilities such as treatment plants, pipelines, towers, dams, power generation facilities and manufacturing facilities such as chemical plants, etc., or anywhere abrasive blasting is necessary to prepare surfaces, or hazardous materials encapsulation is required.

**Note Codes Continued**

9. H. One (1) person crew shall consist of a Party Chief. (Total Station or similar one (1) person survey system). Two (2) person survey party shall consist of a least a Party Chief and a Chain Person. Three (3) person survey party shall consist of at least a Party Chief, an Instrument Person, and a Chain Person.

Contract No. 5668

**CONSTRUCTION AND MAINTENANCE SERVICES**

for

**Flat Roof Replacement at 3803 South Willow Street**

This Contract is made and entered into as of the last signature date below between the Seattle Housing Authority, a public body corporate and politic, hereinafter referred to as "Owner," and *Vendor to be Determined*, hereinafter referred to as the "Contractor." The Contractor and the Owner agree as follows:

**SECTION 1:** This Contract incorporates by reference and is subject to the following as though fully included herein, whether attached or not attached:

- The Contractor's response to the Request for Bids (by Fax) (attached)
- Attachment A, version 2 (attached)
- Technical scope of work included as part of the Request for Bids (by Fax)
- Owner's General Conditions
- Prevailing wage rates as established in State Prevailing Wage Schedule effective 5/31/23 (attached)

**SECTION 2:** The Contractor shall perform or cause to be performed all work and shall furnish or cause to be furnished all labor, materials, tools, and equipment necessary to complete the above-referenced project in strict accordance with the Contract Documents and documents described in Section 1 above for the following Contract Sum:

Base Bid	\$
Additive No.(s)	\$
Deductive No.(s)	\$
Subtotal	\$
Sales Tax	\$
Contract Sum	\$

**SECTION 3:** The Contractor shall begin the work of the Contract immediately after receipt of a written Notice to Proceed issued by the Owner, and to perform the work regularly and without interruption thereafter (unless the Owner shall otherwise, in writing, specifically direct) with such forces as necessary to complete said work in a manner acceptable to the owner within 90 consecutive calendar days from the date of the Notice to Proceed.

The parties have executed this Contract by having their authorized representatives sign below.

**Seattle Housing Authority**  
190 Queen Anne Avenue North  
P.O. Box 19028  
Seattle, WA 98109-1028

By: \_\_\_\_\_  
Date

By: \_\_\_\_\_  
Date  
Contracts & Procurement Manager



# VENDOR FACT SHEET

Return this Form TO: Seattle Housing Authority, Purchasing Division,  
ATTN:     Louise Lauff      
190 Queen Anne Ave N, P.O Box 19028, Seattle WA 98109-1028

<b>General Business Information:</b>		<b>For SHA Use Only:</b>	
Name of Business, Organization, or Name of Person (if payment is to an individual):		JDE Vendor No.	Purchasing contracts <input type="checkbox"/>

Mailing Address for Payments:

City:	State:	Zip Code:	E-Mail Address:
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Telephone No.:	Fax No.:	DUNS No.:
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Washington UBI No.:	City of Seattle Business License No.:	Washington Contractor's License No.:
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President/General Manager:	Principal products and/or services offered:
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**Type of Organization (check one):**

Individual <input type="checkbox"/>	Sole Proprietor <input type="checkbox"/>	Partnership <input type="checkbox"/>	Corporation <input type="checkbox"/>	Governmental Agency <input type="checkbox"/>	Other _____ <input type="checkbox"/>
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Employee Tax ID No. (TIN) or Social Security No. (if Individual):

**Substitute IRS Form W-9 Certification:**  
 Under penalties of perjury, I hereby certify that the number shown on this form is my correct taxpayer identification number, and that I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and I am a U.S. person (including a U.S. resident alien). **Note:** The Internal Revenue Service does not require your consent to any provision of this document other than the certifications required to avoid backup withholding.

<b>SIGN HERE →</b>	Signature of U.S. Person	Date
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<p><b>Ownership Status (check all that apply):</b></p> <input type="checkbox"/> <b>MBE</b> (Minority-Owned Business Enterprise) <input type="checkbox"/> <b>WBE</b> (Women-Owned Business Enterprise) <input type="checkbox"/> <b>MWBE</b> (Minority / Women-Owned Business Enterprise) <input type="checkbox"/> <b>CBE</b> (Combination Business Enterprise) <input type="checkbox"/> <b>Small Business</b> <input type="checkbox"/> <b>HUD Section 3 Business</b> <input type="checkbox"/> Certified by OMWBE (Washington State Office of Minority and Women's Business Enterprises) <input type="checkbox"/> Self-Identified (SHA may request a signed statement re: self-certification)	<p><b>Racial/Ethnic Status (check one):</b></p> <input type="checkbox"/> Caucasian (1) <input type="checkbox"/> African American (2) <input type="checkbox"/> Native American (3) <input type="checkbox"/> Hispanic American (4) <input type="checkbox"/> Asian/Pacific American (5) <input type="checkbox"/> Hasidic Jews (6)
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**Method of Contract Payments:** As outlined on the reverse side of this form, for contracts over one million dollars, SHA's method of contract payments is through an electronic virtual credit card issued by SHA's e-payables vendor, Bank of America. Unless SHA grants a waiver, Vendors will receive an enrollment form from SHA following issuance of a contract.

**SIGN BELOW:**

Signature of Authorized Representative of Vendor:	Date:
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By signing immediately above, the Vendor hereby represents the following:

- The Vendor certifies that to the best of its knowledge and belief, neither it, nor any person/principal or firm which has an interest in the Vendor's firm, is ineligible to participate in a SHA contract, purchase order, direct pay or other transaction, pursuant to the Certification of Eligibility provision specified in the Vendor Fact Sheet Instructions, or;
- The Vendor will comply with SHA's General Terms and Conditions applicable to Purchase Orders, if the Vendor will be supplying goods and/or services through an SHA Purchase Order.

To obtain a copy of the General Terms and Conditions, call (206) 615-3379 or visit our Web site at [https://www.seattlehousing.org/sites/default/files/Purchase Orders Terms Conditions.pdf](https://www.seattlehousing.org/sites/default/files/Purchase%20Orders%20Terms%20Conditions.pdf)

### **Vendor Fact Sheet Instructions**

Thank you for your interest in doing business with the Seattle Housing Authority (SHA). We look forward to doing business with you. If you have any questions about completion of the Vendor Fact Sheet, please call us at (206) 615-3379.

In order for SHA to make payments to you or to procure goods or services from you, we need the information requested on the Vendor Fact Sheet, which also serves as a substitute IRS W-9 Form. The information about you will be entered into our computerized payment system and will allow us to make required reports to the Federal government about our business and payment transactions.

**Substitute IRS Form W-9 Certification:** In completing the Vendor Fact Sheet, you must sign the "Substitute IRS Form W-9 Certification" or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct taxpayer identification number to SHA, you must cross out the portion of the certification after the word "and" in line two, through the end of line five, before signing the form. Detailed instructions about IRS Form W-9 are included on the form, which may be obtained by calling our office at (206) 615-3379 or visiting the IRS web site at [www.irs.gov](http://www.irs.gov).

**Certification of Eligibility:** In order to do business with SHA, the Vendor must be eligible to:

- 1) Be awarded contracts by any agency of the U.S. Government, HUD, or the State in which this Contract work is to be performed; or,
- 2) Participate in HUD programs pursuant to 24 CFR Part 24.

The websites to verify eligibility of the firm and its principals are: <https://www.sam.gov/portal/SAM> and [http://portal.hud.gov/hudportal/HUD?src=/topics/limited denials of participation](http://portal.hud.gov/hudportal/HUD?src=/topics/limited_denials_of_participation). By signing the Vendor Fact Sheet, the Vendor understands that the certification of eligibility is a material representation of fact upon which reliance was placed when SHA agreed to enter into the transaction with the Vendor. SHA may require the Vendor to submit such certification on an annual basis depending on the terms of its contract or the frequency of its business transactions with SHA. If the Vendor subcontracts any portion of the work, the Vendor will be required to submit a similar certification of eligibility to SHA for any Vendor subcontracts. Any written contract executed between SHA and the Vendor shall include these provisions, which may also be referred to as Suspension/Debarment provisions.

**Contract Payments:** Unless SHA grants a waiver, its method of contract payment for contracts of one million or more is through its Bank of America payables program. Payments will be made electronically through a virtual Visa credit card. Benefits for using this method include reduced labor costs associated with the processing of checks and enhancing cash flow by eliminating float time associated with the mailing of checks. To learn more about the program, please click [here](#) or copy and paste the following URL into your browser: [www.bankofamerica.com/epayablesvendors](http://www.bankofamerica.com/epayablesvendors). For new vendors, SHA will automatically send an enrollment form upon contract award. If you have questions about the program, please contact Tran Wong, SHA's Accounts Payable Manager, at 206-615-3483 or [twong@seattlehousing.org](mailto:twong@seattlehousing.org).

**Small Businesses:** The Vendor Fact Sheet also requests information about whether your business is owned and controlled by women or minorities, and/or is a small business. The following are definitions of these terms for your use. This information provides valuable information to SHA in its efforts to ensure its contracting program meets its diversity objectives and requirements.

- **WMBE:** Minority and women-owned business enterprises must either be self-identified or certified by, the Washington State Office of Women's and Minority Business Enterprises (OMWBE) to be at least fifty-one percent owned by women and/or minority group members.
- **Small Business:** A small business means a business concern, including its affiliates, that is independently owned and operated, not an affiliate or subsidiary of a business dominant in its field of operation, and qualified as a small business under the criteria and size standards in 13 CFR 121. Furthermore, a business is considered small according to the Small Business Administration's established guidelines provided to such businesses.
- **HUD Section 3 Business:** A business that is owned 51% or more by a Section 3 qualified person, or where 30% or more of the permanent, full-time employees of the business are Section 3 qualified persons, or where the business can provide evidence of a commitment to subcontract in excess of 25% of the amount of all subcontracts to other Section 3 certified businesses. A Section 3 qualified person must live in the metropolitan statistical areas identified on SHA's Section 3 form and whose income level meets or falls below the stated income limits.



**ATTACHMENT D – cont.  
Section 3 Monthly Reporting Form  
For SHA Projects**

**This form must be completed and submitted monthly with your monthly invoice.**

SHA Contract No.		Contract Title	
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**This Report is for the following dates:**

Start Date:		End Date:	
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**The following hours are for the dates and Contract identified above:**

<b>Total Hours Worked for all workers:</b>  <i>In calculating total hours worked for all workers, do <u>NOT</u> include hours worked with respect to any "professional services" as defined in 24 CFR 75.5</i>	
<b>Total Hours Worked for Section 3 workers:</b>  <i>In calculating total hours worked for Section 3 Workers, <u>DO</u> include hours worked with respect to any "professional services" as defined in 24 CFR 75.5</i>	
<b>Total Hours Worked for Targeted Section 3 workers:</b>  <i>In calculating total hours worked for Targeted Section 3 Workers, <u>DO</u> include hours worked with respect to any "professional services" as defined in 24 CFR 75.5</i>	

By submitting this form, the undersigned certifies to SHA (i) it has the full right, title, authority and capacity to execute this document on behalf of the Consultant, (ii) all of the documentation and information submitted with this reporting form is true and correct in all material respects, and (iii) that it maintains, and will provide to SHA upon request, documentation in form and substance required by 24 CFR 75.31 sufficient to ensure that applicable workers meet the definition of a Section 3 worker or Targeted Section 3 worker. The undersigned acknowledges and agrees that a breach of any of certifications (i) – (iii) above will be considered a default under the Contract.

**Submitted By:**

Name
Title
Date

**ATTACHMENT D**  
**DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD)**  
**24 CFR Part 75**

**Section 3 Benchmarks for Creating Economic Opportunities for Low- and Very Low-Income Persons and Eligible Businesses**

**Background:** As a condition to receiving financial assistance from HUD, the Seattle Housing Authority (SHA) is required to report to HUD the number of hours worked by Section 3 workers and Targeted Section 3 workers on SHA's contracts. To gather that information, SHA is requiring all firms contracting with SHA to track their Section 3 hours and to submit to SHA a monthly report. SHA created a form (see the back of this page) for all contractors and consultants to use for this monthly report.

HUD requires SHA and its contractors to use their best efforts to achieve the following Section 3 benchmarks:

For Section 3 Workers - 25 percent or more of the total number of labor hours worked by all workers employed with public housing financial assistance for SHA's fiscal year.

For Targeted Section 3 Workers - 5 percent or more of the total number of labor hours worked by all workers employed with public housing financial assistance for SHA's fiscal year.

**Definitions:**

Section 3 worker. A Section 3 worker is any worker who currently fits, or when hired within the past five years fit, at least one of the following categories, as documented:

1. The worker's income for the previous or annualized calendar year is below the income limit established by HUD;
2. The worker is employed by a Section 3 business concern; or
3. The worker is a YouthBuild participant.

Targeted Section 3 worker: A Targeted Section 3 Worker is a Section 3 worker who:

1. Is employed by a Section 3 business concern; or
2. Currently fits or when hired fit at least one of the following categories, as documented within the past five years:
  - a. A resident of public housing or Section 8-assisted housing;
  - b. A resident of other public housing projects or Section 8-assisted housing managed by SHA; or A YouthBuild participant

Section 3 Business Concern: A Section 3 business concern is a business that meets at least one of the following criteria, documented within the last six-month period:

1. At least 51 percent owned and controlled by low- or very low-income persons;
2. Over 75 percent of the labor hours performed for the business over the prior three-month period are performed by Section 3 workers; or
3. A business at least 51 percent owned and controlled by current public housing residents or residents who currently live in Section 8-assisted housing

# The Housing Authority of the City of Seattle

## Section 3 Income Limits

### Eligibility Guidelines

The worker's income must be at or below the amount provided below for an individual (household of 1) regardless of actual household size.

#### Individual Income Limits for King, Snohomish and Pierce Counties FY 2022

Income Limits Category	FY 2022		
	King County	Snohomish County	Pierce County
Extremely Low Income Limits (30%)	\$27,200	\$27,200	\$21,350
Very Low Income Limits (50%)	\$45,300	\$45,300	\$35,550
Low Income Limits (80%)	\$66,750	\$66,750	\$56,850

See <https://www.huduser.gov/portal/datasets/il.html> for most recent income limits.

#### Section 3 Worker Definition:

- A low or very low-income resident (the worker's income for the previous or annualized calendar year is below the income limit established by HUD); or
- Employed by a Section 3 business concern; or
- A YouthBuild participant.

#### Targeted Section 3 Worker Definition:

- Employed by a Section 3 business concern; OR
- Currently fits at least one of the following categories as documented within the past five years:
  - A resident of Seattle Housing Authority public housing or Section 8-assisted housing;
  - A resident of other public housing projects or Section 8-assisted housing managed by the public housing authority that is providing the assistance; or
  - A YouthBuild participant.

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**Employee Affirmation**

I affirm that the above statements (on page 1 of this form) are true, complete, and correct to the best of my knowledge and belief. I hereby certify, under penalty of law, that the following information is correct to the best of my knowledge.

Employee Address: \_\_\_\_\_

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**FOR ADMINISTRATIVE USE ONLY**

Is the employee a Section 3 worker based upon their self-certification?  YES  NO

Is the employee a Targeted Section 3 worker based upon their self-certification?  YES  NO

Was this an applicant who was hired as a result of the Section 3 project?  YES  NO

If Yes, what is the name of the company? \_\_\_\_\_

What was the date of hire? \_\_\_\_\_

**EMPLOYERS MUST RETAIN THIS FORM IN THEIR SECTION 3 COMPLIANCE FILE FOR FIVE YEARS.**

## Section 3 Worker and Targeted Section 3 Worker Self-Certification Form

The purpose of HUD's Section 3 program is to provide employment, training and contracting opportunities to low-income individuals, particularly those who are recipients of government assistance for housing or other public assistance programs. **Your response is voluntary, confidential, and has no effect on your employment.**

### Eligibility for Section 3 Worker or Targeted Section 3 Worker Status

A Section 3 worker seeking certification shall self-certify and submit this form to the recipient contractor or subcontractor, that the person is a Section 3 worker or Targeted Section 3 Worker as defined in 24 CFR Part 75.

**Instructions:** Enter/select the appropriate information to confirm your Section 3 worker or Targeted Section 3 Worker status.

Employee Name: \_\_\_\_\_

1. Are you a resident of public housing or a Housing Choice Voucher Holder (Section 8)	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. Are you a YouthBuild participant?	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. Check the box for the county where you reside. <input type="checkbox"/> King County <input type="checkbox"/> Pierce County <input type="checkbox"/> Snohomish County <input type="checkbox"/> Other _____	
4. In the field below, select the amount of individual income you believe you earn on an annual basis.	

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Less than \$10,000  | <input type="checkbox"/> \$30,000 - \$40,000 | <input type="checkbox"/> More than \$60,000 |
| <input type="checkbox"/> \$10,001 - \$20,000 | <input type="checkbox"/> \$40,001 - \$50,000 |   |
| <input type="checkbox"/> \$20,001 - \$30,000 | <input type="checkbox"/> \$50,001 - \$60,000 |   |

Select from **ONE** of the following two options below:

I qualify as a:

- Section 3 Worker (as defined on page 3 of this Section 3 Worker Certification Form)
- Targeted Section 3 Worker (as defined on page 3 of this Section 3 Worker Certification Form)

## The Housing Authority of the City of Seattle

### Section 3 Income Limits

#### Eligibility Guidelines

The worker's income must be at or below the amount provided below for an individual (household of 1) regardless of actual household size.

#### Individual Income Limits for King, Snohomish and Pierce Counties FY 2022

Income Limits Category	FY 2022		
	King County	Snohomish County	Pierce County
Extremely Low Income Limits (30%)	\$27,200	\$27,200	\$21,350
Very Low Income Limits (50%)	\$45,300	\$45,300	\$35,550
Low Income Limits (80%)	\$66,750	\$66,750	\$56,850

See <https://www.huduser.gov/portal/datasets/il.html> for most recent income limits.

#### Section 3 Worker Definition:

- A low or very low-income resident (the worker's income for the previous or annualized calendar year is below the income limit established by HUD); or
- Employed by a Section 3 business concern; or
- A YouthBuild participant.

#### Targeted Section 3 Worker Definition:

- Employed by a Section 3 business concern; OR
- Currently fits at least one of the following categories as documented within the past five years:
  - A resident of Seattle Housing Authority public housing or Section 8-assisted housing;
  - A resident of other public housing projects or Section 8-assisted housing managed by the public housing authority that is providing the assistance; or
  - A YouthBuild participant.

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**Business Concern Affirmation**

I affirm that the above statements (on page 1 of this form) are true, complete, and correct to the best of my knowledge and belief. I understand that businesses who misrepresent themselves as Section 3 business concerns and report false information to the Housing Authority of the City of Seattle may have their contracts terminated for default and be barred from ongoing and future considerations for contracting opportunities. I hereby certify, under penalty of law, that the following information is correct to the best of my knowledge.

Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

\*Certification expires within six months of the date of signature  
information regarding Section 3 Business Concerns can be found at [24 CFR 75.5](#)

**FOR ADMINISTRATIVE USE ONLY**

Is the business a Section 3 business concern based upon their certification?

YES     NO

**EMPLOYERS MUST RETAIN THIS FORM IN THEIR SECTION 3 COMPLIANCE FILE FOR FIVE YEARS.**

# SEATTLE HOUSING AUTHORITY

## Section 3 Business Concern Certification for Contracting

Instructions: Enter the following information and select the criteria that applies to certify your business' Section 3 Business Concern status.

### Business Information

Name of Business \_\_\_\_\_

Address of Business \_\_\_\_\_

Name of Business Owner \_\_\_\_\_

Phone Number of Business Owner \_\_\_\_\_

Email Address of Business Owner \_\_\_\_\_

### Preferred Contact Information

Same as above

Name of Preferred Contact \_\_\_\_\_

Phone Number of Preferred Contact \_\_\_\_\_

Type of Business (select from the following options):

- Corporation       Partnership       Sole Proprietorship  
 Limited Liability Company       Other (*please specify*) \_\_\_\_\_

Select from *ONE* of the following three options below that applies:

- At least 51 percent of the business is owned and controlled by low- or very low-income persons (Refer to income guidelines on page 3).
- At least 51 percent of the business is owned and controlled by current public housing residents or residents who currently live in Section 8-assisted housing.
- Over 75 percent of the labor hours performed for the business over the prior three-month period are performed by Section 3 workers (Refer to definition on page 3).



## SEATTLE HOUSING AUTHORITY

### SUSPENSION AND DEBARMENT COMPLIANCE CERTIFICATE FOR CONTRACTOR

By signing below, the Contractor certifies that to the best of its knowledge and belief neither its firm nor any of its principals as named below are presently debarred, suspended, or have been declared ineligible or are excluded from participation in this transaction by any federal, state or local government.

**Contractor's Firm Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City, State, Zip:** \_\_\_\_\_

	PRINCIPAL(S) Name(s)	Title(s)
1		
2		
3		
4		
5		

Contractor's Signature	Printed Name	Title	Date

**NOTE:** This requirement applies to the Contractor's firm as well as its principals. Principal is defined in the regulation (2 CFR 180.995) as follows:

- 1) An officer, director, owner, partner, principal investigator, or other person within a participant with management or supervisory responsibilities related to a covered transaction; or
- 2) A contractor or other person, whether or not employed by the participant or paid with Federal funds, who-
  - a) Is in a position to handle Federal funds;
  - b) Is in a position to influence or control the use of those funds; or,
  - c) Occupies a technical or professional position capable of substantially influencing the development or outcome of an activity require to perform the covered transaction.

The federal websites to verify eligibility include: <https://www.sam.gov/portal/public/SAM/> and [http://portal.hud.gov/hudportal/HUD?src=/topics/limited denials of participation](http://portal.hud.gov/hudportal/HUD?src=/topics/limited%20denials%20of%20participation).

**SEATTLE HOUSING AUTHORITY**

**SUSPENSION AND DEBARMENT COMPLIANCE CERTIFICATE FOR SUB-CONTRACTORS**

*The Prime Contractor may use this form if the Prime can verify that their Sub-Contractors named below, nor any of their principals are debarred, suspended or ineligible from involvement by Federal, State or Local Government. If the Prime is unable to verify this information, the Prime must send the previous SUSPENSION AND DEBARMENT COMPLIANCE CERTIFICATE FOR CONTRACTOR form to each sub- contractor to be completed and returned.*

**Prime Contractor's Name:** \_\_\_\_\_ certifies that neither any of the sub- contracting firms named below, nor any of its principals are debarred, suspended or ineligible from involvement by Federal, State or Local Government. I understand that the Seattle Housing Authority (SHA) relies on this certification and I understand that I am obligated to submit the following to SHA:

- A certification for any new sub- contractor hired after submission of this certification.
- A renewal certification for every sub- contractor on the anniversary of the Contract execution date if the Contract Time extends beyond one year.

**(Note:** In lieu of this certification, the Prime Contractor may elect to submit a separate certification signed by each sub- contracting firm to SHA as evidence of sub- contractor eligibility. It is the Prime Contractor's responsibility to initiate, obtain, and provide all such individual sub- contractor certifications to SHA.)

Prime Contractor's Signature	Printed Name	Title	Date

**Sub- Contractor Firm Listing:** (If sub- contractors are not involved in the project, please enter NONE.)


If additional pages are necessary, copy this form to ensure signed statement precedes any listing of sub- contractors.

Please contact     Louise Lauff     at 206-615-3376 or by e-mail at [louise.lauff@seattlehousing.org](mailto:louise.lauff@seattlehousing.org) if you have any questions regarding compliance with this requirement.



**Address** 190 Queen Anne Ave N  
PO Box 19028  
Seattle, WA 98109

**Telephone** 206-615-3300

**TTY** 1-800-833-6388

**Website** www.seattlehousing.org

## Certification of Compliance with Wage Payment Statutes

The undersigned hereby certifies that the bidder is now, and in the three-year period immediately preceding the date of this bid solicitation (5/3/23) has been, in compliance with the responsible bidder criteria requirement of RCW 39.04.350(1)(g) and has not been found to have willfully violated any provision of RCW Chapters 49.46, 49.48, or 49.52 in a final determination by the Department of Labor and Industries or any court of limited or general jurisdiction.

I certify under penalty of perjury under the laws of the State of Washington that the foregoing is true and correct.

\_\_\_\_\_  
Bidder's Business Name

\_\_\_\_\_  
Signature of Authorized Official\*

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
City

\_\_\_\_\_  
State

**Check One:**

Sole Proprietorship  Partnership  Joint Venture  Corporation

State of Incorporation, or if not a corporation, State where business entity was formed:

\_\_\_\_\_

If a co-partnership, give firm name under which business is transacted:

\_\_\_\_\_

*If a corporation, proposal must be executed in the corporate name by the president or vice-president (or any other corporate officer accompanied by evidence of authority to sign). If a co-partnership, proposal must be executed by a partner.*

**NON-COLLUSIVE AFFIDAVIT**

State of Washington )ss  
County of King )

\_\_\_\_\_ who is a \_\_\_\_\_  
of the firm of \_\_\_\_\_,

being first  
duly sworn, on their oath, says that the bid herewith submitted is a genuine and  
not a sham or collusive bid, or made in the interest or on behalf of any person not  
therein named; and further states that the said bidder has or was not directly or  
indirectly induced or solicited by any bidder on the above work or supplies to put  
in a sham bid, or any person or corporation to refrain from bidding; and that said  
bidder has not in any manner sought by collusion to secure themselves an  
advantage over any other bidder or bidders, or to secure any advantage against  
the Seattle Housing Authority or any person interested in the proposed contract;  
and that all statements in said proposal or bid are true.

\_\_\_\_\_  
BIDDER  
(if individual)

\_\_\_\_\_  
PARTNER  
(if partnership)

\_\_\_\_\_  
OFFICER  
(if corporation)

Subscribed and sworn to before me

this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
Notary Public in and for the State of Washington,  
residing at \_\_\_\_\_.

My commission expires \_\_\_\_\_, 20\_\_\_\_\_.