Contract Documents

For

METALWORKS RESTROOM ELECTRICAL

Consisting of:

Bid Documents Contract Forms Specifications & Conditions Drawings



Authorized for Bid By:

Kevin Renz, Public Works Director March 25, 2025

Prepared By: K. Radder, Project Manager City of Ferndale Public Works Department PO Box 936 2095 Main Street Ferndale, WA 98248 (360) 384-4006

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INVITATION TO BID

METALWORKS RESTROOM ELECTRICAL

NOTICE TO SMALL WORKS ROSTER BIDDERS

Notice is hereby given by the undersigned that electronic bid proposals will be accepted by the Ferndale Public Works Department at email address public-works@cityofferndale.org, until 11:00 AM PST on April 10, 2025. At such time, Bids will be publicly opened and read in the Ferndale City Hall Conference Room, 2095 Main Street, Ferndale, Washington 98248 for:

Metalworks Restroom Electrical

This contract provides for installing and connecting the power feed to the precast restroom facility at Metalworks park, including sizing, providing, and pulling approximately 725 feet of wire within existing conduit between the Phillips 66 fieldhouse building and restroom; sizing and providing and installing a new circuit within the existing panel in the Phillips 66 fieldhouse building, connecting and powering the 100 amp service panel at the restroom; sizing, providing and installing a wall-mounted electric heater with thermostat in the mechanical room, providing and installing a conduit run and wall penetration to accommodate installation of a security camera system, and other work necessary to complete the work as required by the plans and specifications provided for this project.

Bidders, prior to submitting a bid, may visit the jobsite and ask questions of the project manager. The job site visit will start on April 1, 2025, at 3:00 p.m. at Metalworks Park, located at 5532 Second Avenue, Ferndale, WA 98248.

All correspondence, questions, and submittals regarding this solicitation shall be directed to:

Katy Radder, Public Works Project Manager City of Ferndale PO Box 936 Ferndale, WA 98248

Phone: (360) 685-2377

public-works@cityofferndale.org

The City of Ferndale reserves the right to reject any and all Bids. The City hereby notifies all Bidders that it will affirmatively ensure compliance with WA State Law Against Discrimination (RCW chapter 49.60) & the Americans with Disabilities Act (42 USC 12101 et set.)

Prevailing wages will apply to all phases of this project per specifications.

Dated and distributed to the Small Works Roster Contractors listed on the City's website at www.cityofferndale.org/metalworks-restroom on March 25, 2025.

BID PROPOSAL FORMS

FOR

METALWORKS RESTROOM ELECTRICAL FERNDALE, WASHINGTON

Date:	

TO: City of Ferndale

Gentlepersons:

This certifies that the Undersigned: has examined the location of the project site and the conditions of work; and has carefully read and thoroughly understands the contract documents entitled: "METALWORKS RESTROOM ELECTRICAL", in Ferndale, including the "Bid Procedures and Conditions", "Specifications and Conditions", "Contract Forms", and "Plans" governing the work embraced in this project and the method by which payment will be made for said work. The Undersigned hereby proposes to undertake and complete the work embraced in this project in accordance with said contract documents, and agrees to accept as payment for said work, the schedule of lump sum and unit prices as set forth in the "Bid" below.

The Undersigned acknowledges that payment will be based on the actual work performed and material used as measured or provided for in accordance with the said contract documents, and that no additional compensation will be allowed for any taxes not included in each lump sum or unit price, and that the basis for payment will be the actual work performed and measured or provided for in accordance with the said contract documents.

BIDDER IDENTIFICATION

The name of the Bidder submitting this proposal, the address and phone number to which all communications concerned with this proposal shall be made and the number which has been assigned indicating the Bidder is licensed to do business in the State of Washington are as follows:

Firm Name	e:		-		
Address:			-		
Telephone	:		- Fax:		
Contractor	's Number:				
The Firm s		_Sole Propri _Partnership _Corporatio	2		
	and titles of the principal officer o, or of all persons interested in the	-			of the
NOTE:	Signatures of this proposal Signatories will be cause for rejection of the bid.	l must be id	lentified above.	Failure to identi	fy the

BID PROPOSAL SIGNATURE AND ADDENDUM ACKNOWLEDGMENT

The bidder is hereby advised that by signate acknowledged all requirements and signed all controls.	ure of this proposal he/she is deemed to have ertificates contained herein.
Receipt is hereby acknowledged by addendum(s) No.(s), &
SIGNATURE OF AUT	HORIZED OFFICIAL(S)
(PROPOSAL MUST BE SIGNED)	
	SIGNATURE
STATE OF WASHINGTON)) ss. COUNTY OF WHATCOM)	FIRM NAME
On this day of appeared described in and who executed the above inst signing thereof.	, 20, before me personally to me personally known to be the person rument and who acknowledged to me the act of
	NOTARY PUBLIC, in and for the State of Washington, residing at:
	My Commission Expires:

This proposal form is not transferable, and any alteration of the firm's name entered hereon without prior permission from the City of Ferndale will be cause for considering the proposal irregular and for subsequent rejection of the bid.

NON-COLLUSION DECLARATION

I, by signing the proposal, hereby declare, under penalty of perjury under the laws of the United States that the following statements are true and correct:

- 1. That the undersigned person(s), firm, association or corporation has (have) not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with the project for which this proposal is submitted.
- 2. That by signing the signature page of this proposal, I am deemed to have signed and have agreed to the provisions of this declaration.

NOTICE TO ALL BIDDERS

To report bid rigging activities call:

1-800-424-9071

The U.S. Department of Transportation (USDOT) operates the above toll-free "hotline" Monday through Friday, 8:00 a.m. to 5:00 p.m., Eastern Time. Anyone with knowledge of possible bid rigging, bidder collusion, or other fraudulent activities should use the "hotline" to report such activities.

The "hotline" is part of USDOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the USDOT Inspector General. All information will be treated confidentially, and caller anonymity will be respected.



This form must be submitted with the Bid Proposal or as a Supplement to the Bid no later than 24 hours after the time for delivery of the Bid Proposal, as provided for in Section 1-02.9 of the Contract Provisions.

CERTIFICATION OF COMPLIANCE WITH WAGE PAYMENT STATUTES

The bidder hereby certifies that, within the three-year period immediately preceding the bid solicitation date (September 6, 2023), the bidder is not a "willful" violator, as defined in RCW 49.48.082, of any provision of chapters 49.46, 49.48, or 49.52 RCW, as determined by a final and binding citation and notice of assessment issued by the Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction.

I certify under penalty of perjury under the laws of the State of Washington that the foregoing is

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.

UNIT BID ITEM LIST

CITY OF FERNDALE METALWORKS RESTROOM ELECTRICAL

Bid Due: 11:00AM Tuesday April 10, 2025

ITEM				Due: 11:00AM 1		
NO.	QUANT.	DESCRIPTION	J	JNIT PRICE		ΓΟΤΑL
1	1	Mobilization				_
1	Lump	Modifization				
	Sum		\$		\$	
2	1	Power Feed and Electrical				
	T	Connection to Restroom				
	Lump Sum		\$		\$	
	Sum					
3	1	Heater and Thermostat				
	Lump		\$		\$	
	Sum		Ψ		Ψ	
4	1	Power Supply and Mount for				
4	1	Camera System				
	Lump		\$		\$	
	Sum		Ψ		Ψ	
5	1	Exterior Outlet				
	Each		\$		\$	
	Each		Ф		Ф	
6	1	Force Account				
Ü	Force	1 0100 1 100 0 0010				
	Account		\$	2,000.00	\$	2,000.00
				GI IDECE II	Φ.	
				SUBTOTAL:	\$	
			S	ALES TAX 9%:	\$	
				TOTAL DID		
			INC	TOTAL BID LUDING TAX:	\$	
				·-		-

SPECIFICATIONS AND CONDITIONS

Metalworks Restroom Electrical City of Ferndale, Washington

PROJECT INFORMATION

Project Description and Purpose

This contract provides for installing and connecting the power feed to the precast restroom facility at Metalworks park, including sizing, providing, and pulling approximately 725 feet of wire within existing conduit between the Phillips 66 (P66) fieldhouse building and Metalworks restroom; sizing and providing and installing a new circuit within the existing panel in the Phillips 66 fieldhouse building, connecting and powering the 100 amp service panel at the Metalworks restroom; sizing, providing and installing a wall-mounted electric heater with thermostat in the mechanical room, providing and installing a conduit run and wall penetration to accommodate installation of a security camera system, and other work necessary to complete the work in accordance with these Specifications, Conditions, and Plans.

It is the intent and purpose of these specifications to describe the project in sufficient detail to secure bids on comparable units, equipment parts and material. All parts, which are necessary in order to provide a complete unit ready for operation, shall be included in the bid and shall conform in strength, quality of workmanship and material to that which is usually provided the trade in general. Any variance from the specifications or standards of quality must be clearly pointed out in writing by the Bidder.

Contracting Agency and Point of Contact

This Bid is issued by the City of Ferndale Public Works Department. The person responsible for managing this Bid process from beginning to end is listed on the INVITATION TO BID shown on page 3 of this solicitation. From the date of release of this Bid until a Contract is issued, all contact (pertaining to this solicitation) with City's employees, and other personnel performing official business for the City regarding this Bid shall be made through the contact listed on page 3 of these documents. Contact with other City personnel regarding this Bid is not permitted during the procurement process and violation of these conditions may be considered sufficient cause for rejection of a Bid and disqualification of the Bidder.

Pre-Bid Conference

The City will hold one pre-bid job walk for all those interested in submitting a bid to complete the work necessary to complete this project. Subcontractors or other plan holders are encouraged to attend.

Those prospective bidders wanting to take part in the job walk shall meet at the jobsite located at 5532 Second Avenue, Ferndale, Washington 98248. The site visit will start on April 1, 2025, at 3:00 p.m. Attendance is not mandatory.

PROJECT SPECIFICATIONS

General

All units, equipment, parts, and material shall be new, unused, manufacturer's current model year and in current production. All materials shall have physical and chemical properties to withstand the intended purpose. Equipment design shall have sufficient excess capacity for durability and safety.

All work, including design, shall be performed and completed in accordance with the best modern practices, further, no detail necessary for safe and regular operation shall be omitted, although specific mention thereof may not be made in these specifications. Specifications of the services and/or work bid shall be equal to or better than the specifications stated herein.

Quantities and Pricing

Quantities are estimated only and shall be bid on a MORE OR LESS basis. For the purpose of comparison, bids shall be made in the quantities listed in this specification. Listed quantities shall not be considered firm estimates of requirements, nor shall the City be bound or limited to quantities listed. Payment will be made only for quantities actually completed, whether greater or less than the stated amounts.

The City qualifies for governmental discounts, and unit prices shall reflect these discounts if applicable. Unit prices shown on the Bid or contract shall be the price per unit of sale (e.g.: GAL, LF, TN, EA, LS) as stated on the bid form. For any given item, the quantity multiplied by the unit price shall establish the extended price, the unit price shall govern in the Bid evaluation and contract administration.

The Contracting Agency has estimated and included in the Proposal, dollar amounts for all items to be paid per force account, only to provide a common proposal for Bidders. All such dollar amounts are to become a part of Contractor's total bid. However, the Contracting Agency does not warrant expressly or by implication, that the actual amount of work will correspond with those estimates. Payment will be made on the basis of the amount of work actually authorized by the Contracting Agency.

No claim for force account shall be allowed except upon written order by the Contracting Agency prior to the performance of the work. The Contractor shall submit the required force account documentation to the Contracting Agency on a daily basis unless agreed otherwise. The Contractor and the Contracting Agency shall review all work or material to be paid for under force account on a daily basis unless agreed otherwise. The Contractor may propose corrections to the force account quantities and shall supply supporting documentation to the Contracting Agency within 2 working days, unless agreed otherwise, of having reviewed the force account quantities with the Contracting Agency.

Clarifications and/or Revisions to Specifications and Addenda

If a Bidder discovers any significant ambiguity, error, conflict, discrepancy, omission, or other deficiency in this solicitation, the Bidder has a duty to immediately notify the Contracting Agency of such concern and request modification or clarification of the Bid document.

Unless instructions are specifically provided elsewhere in this document, any questions, exceptions, or additions concerning the subject matter of the Bid document(s) shall not be considered unless submitted via e-mail (no phone calls) to the Contracting Agency a minimum of five (5) business days prior to the submittal due date.

In the event that it becomes necessary to provide additional clarifying data or information, or to revise any part of this Bid, supplements or revisions will be provided to all known Bidders in the form of an Addendum. All Addenda will be sent directly to interested parties who have received copies of this Bid.

If any requirements of the Bid are unacceptable to any prospective Bidder, they may choose not to submit a Bid.

Contract Time and Working Hours

This project shall be physically completed within <u>10</u> working days. Except in the case of emergency or unless otherwise approved by the Engineer, the normal working hours for the Contract shall be any consecutive 8-hour period between 7:00 a.m. and 5:00 p.m. Monday through Friday, exclusive of a lunch break. If the Contractor desires different than the normal working hours stated above, the request must be submitted in writing.

Delivery of Proposal

Each Proposal shall be submitted via email to the address <u>public-works@cityofferndale.org</u>, with "Metalworks Restroom Electrical Bid" in the subject line of the email.

Proposals that are received as required will be publicly read immediately after the bids are due. The Contracting Agency will not consider any Bid Proposal that is received after the time specified in the Call for Bids for receipt of Bid Proposals, or received in a manner or location other than that specified in the Call for Bids. The Contracting Agency will not open or consider any "Supplemental Information" that is received after the time specified or received in a manner other than that specified in the Call for Bids.

If an emergency or unanticipated event interrupts normal work processes of the Contracting Agency so that Proposals cannot be received as specified, the time specified for receipt of the Proposal will be deemed to be extended to the same time on the first work day on which the normal work processes of the Contracting Agency resume.

Withdrawing, Revising, or Supplementing Proposal

After submitting a Bid Proposal to the Contracting Agency, the Bidder may withdraw, revise, or supplement it if:

- 1. The Bidder submits a written request signed by an authorized person and delivers it to the place designated for receipt of Bid Proposals, and
- 2. The Contracting Agency receives the request before the time set for receipt of Bid Proposals, and
- 3. The revised or supplemented Bid Proposal (if any) is received by the Contracting Agency before the time set for receipt of Bid Proposals.

If the Bidder's request to withdraw, revise, or supplement its Bid Proposal is received before the time set for receipt of Bid Proposals, the Contracting Agency will return the Proposal package to the Bidder. The Bidder must then submit a revised or supplemented package in its entirety. If the Bidder does not submit a revised or supplemented package, then its bid shall be considered withdrawn.

Late revised or supplemented Bid Proposals or late withdrawal requests will be date recorded by the Contracting Agency and returned.

Consideration of Bids

After opening and reading proposals, the Contracting Agency will check them for correctness of extensions of the prices per unit and the total price. If a discrepancy exists between the price per unit and the extended amount of any bid item, the price per unit will control. If a minimum bid amount has been established for any item and the bidder's unit or lump sum price is less than the minimum specified amount, the Contracting Agency will unilaterally revise the unit or lump sum price, to the minimum specified amount and recalculate the extension. The total of extensions, corrected where necessary, including sales taxes where applicable and such additives and/or alternates as selected by the Contracting Agency, will be used by the Contracting Agency for award purposes and to fix the Awarded Contract Price amount and the amount of the contract bond.

The City retains the right to accept or reject any or all Bids or accept any presented which meet or exceed these specifications, and which would be in the best interest of the City and will not necessarily be bound to accept the low bid. This Bid does not obligate the City to contract for service(s), or product(s) specified herein. The City reserves the right to cancel or reissue this Bid in whole or in part, for any reason prior to the issuance of a Notice of Intent to Award. The City does not guarantee to purchase any specific quantity or dollar amount. Bids that stipulate that the City shall guarantee a specific quantity or dollar amount will be disqualified (e.g., "all-ornone".)

All Bids become the property of City upon receipt. All rights, title and interest in all materials and ideas prepared by the Bidder for the Bid to City shall be the exclusive property of City and may be used by the City at its option.

The City is not liable for any cost incurred by a Bidder in the process of responding to this Bid, including but not limited to the cost of preparing and submitting a response, in the conduct of a presentation, in facilitating site visits or any other activities related to responding to this Bid.

A Bid may not be modified, withdrawn, or canceled by the Bidder for a ninety (90) day period following the deadline for Bid due date, or receipt of best and final offer, if required, and Bidder so agrees by submittal of a bid.

Irregular Proposals and Disqualification of Bidders

A Proposal will be considered irregular and will be rejected if:

1. The authorized Proposal form furnished by the Contracting Agency is not used or is altered;

- 2. The completed Proposal form contains any unauthorized additions, deletions, alternate Bids, or conditions;
- 3. The Bidder adds provisions reserving the right to reject or accept the award, or enter into the Contract;
- 4. A price per unit cannot be determined from the Bid Proposal;
- 5. The Proposal form is not properly executed;
- 6. The Bid Proposal does not constitute a definite and unqualified offer to meet the material terms of the Bid invitation; or
- 7. More than one Proposal is submitted for the same project from a Bidder under the same or different names.

A Proposal may be considered irregular and may be rejected if:

- 1. The Proposal does not include a unit price for every Bid item;
- 2. Any of the unit prices are excessively unbalanced (either above or below the amount of a reasonable Bid) to the potential detriment of the Contracting Agency;
- 3. Receipt of Addenda is not acknowledged;
- 4. A member of a joint venture or partnership and the joint venture or partnership submit Proposals for the same project (in such an instance, both Bids may be rejected); or
- 5. If Proposal form entries are not made in ink.

A Bidder will be deemed not responsible if the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1), as amended. To assess bidder responsibility, the Contracting Agency reserves the right to request documentation as needed from the Bidder and third parties concerning the Bidder's compliance with the mandatory bidder responsibility criteria.

If the Contracting Agency determines the Bidder does not meet the mandatory bidder responsibility criteria in RCW 39.04.350(1) and is therefore not a responsible Bidder, the Contracting Agency shall notify the Bidder in writing, with the reasons for its determination. If the Bidder disagrees with this determination, it may appeal the determination within two (2) business days of the Contracting Agency's determination by presenting its appeal and any additional information to the Contracting Agency. The Contracting Agency will consider the appeal and any additional information before issuing its final determination. If the final determination affirms that the Bidder is not responsible, the Contracting Agency will not execute a contract with any other Bidder until at least two business days after the Bidder determined to be not responsible has received the Contracting Agency's final determination.

Pre Award Information

Before awarding any contract, the Contracting Agency may require one or more of these items or actions of the apparent lowest responsible bidder:

- 1. A complete statement of the origin, composition, and manufacture of any or all materials to be used,
- 2. Samples of these materials for quality and fitness tests,
- 3. A progress schedule (in a form the Contracting Agency requires) showing the order of and time required for the various phases of the work,
- 4. A breakdown of costs assigned to any bid item,
- 5. Attendance at a conference with the Contracting Agency or representatives of the

- Contracting Agency,
- 6. Obtain, and furnish a copy of, a business license to do business in the city or county where the work is located.
- 7. Any other information or action taken that is deemed necessary to ensure that the bidder is the lowest responsible bidder.

Protest Procedure

Any protest must be made in writing, signed by the protestor, and state that the Bidder is submitting a formal protest. The protest shall be filed with the City of Ferndale's Project Manager at 2095 Main Street (mailing address is PO Box 936), Ferndale, WA 98248, or by email to: public-works@cityofferndale.org.

The protest shall clearly state the specific factual and legal ground(s) for the protest, and a description of the relief or corrective action being requested. Protests based on specifications/scope of work, or other terms in the Bid shall be filed at least five (5) calendar days before the solicitations due date, and protests based on award or after the award shall be filed no more than five calendar (5) days after Award Announcement. The following steps shall be taken in an attempt to resolve the protest with the Bidder:

- Step I Project Manager will attempt resolution with protester. All available facts will be considered and the Project Manager shall issue a written decision.
- Step II If unresolved within three (3) business days after receipt of the written decision, the protest may be appealed to the Public Works Director by the Project Manager.
- Step III If still unresolved within three (3) business days after receipt of appeal response, the protest may be appealed to the City Administrator. The City Administrator shall make a final determination in writing to the Protester.

Award Announcement

The Public Works Department shall announce the successful Bidder via Website, e-mail, regular mail, or by any other appropriate means. Once the Award is released by the Public Works Department, the protest time frame begins. The timeframe is not based upon when the bidder received the information, but rather when the announcement is issued by the Public Works Department.

Judicial Review

All decisions made by the Contracting Agency regarding the Award and execution of the Contract or Bid rejection shall be conclusive subject to the scope of judicial review permitted under Washington Law. Such review, if any, shall be timely filed in the Superior Court of the county where the Contracting Agency headquarters is located, provided that where an action is asserted against a county, RCW 36.01.050 shall control venue and jurisdiction. For the convenience of the parties to the Contract, it is mutually agreed by the parties that all claims or causes of action which the Contractor has against the Contracting Agency arising from the Contract shall be brought within 180 calendar days from the date of final acceptance of the work.

Execution of Contract

Within 5 calendar days of Award date (not including Saturdays, Sundays, and Holidays), the successful Bidder shall provide the information necessary to execute the Contract to the Contracting Agency. The Bidder shall send the contact information, including the full name, email address, and phone number, for the authorized signer to the Contracting Agency.

Copies of the Contract Provisions, including the unsigned Form of Contract, will be available for signature by the successful bidder on the first business day following award. The number of copies to be executed by the Contractor will be determined by the Contracting Agency.

Within 5 calendar days after the award date, the successful bidder shall return the signed Contracting Agency-prepared contract. Before execution of the contract by the Contracting Agency, the successful bidder shall provide any pre-award information the Contracting Agency may require.

Until the Contracting Agency executes a contract, no proposal shall bind the Contracting Agency, nor shall any work begin within the project limits or within Contracting Agency-furnished sites. The Contractor shall bear all risks for any work begun outside such areas and for any materials ordered before the contract is executed by the Contracting Agency.

If the bidder experiences circumstances beyond their control that prevents return of the contract documents within the calendar days after the award date stated above, the Contracting Agency may grant up to a maximum of 10 additional calendar days for return of the documents, provided the Contracting Agency deems the circumstances warrant it.

When the contract is terminated by the City or the Contractor upon providing the written notice as herein required, the City may re-award the contract to the next most responsible bidder within 120 days of the original award.

Regulations, Permits, Licensing, and Prevailing Wage

To the extent applicable, all equipment, supplies, materials, and all projects shall be performed in a manner that is in compliance with all applicable Federal, State and Local Laws and Regulations, including, but not limited to, Washington State vehicle regulations (WSDOT/HMTUSA/other), environmental laws and regulations (EPA/WDOE/local), and health and safety laws and regulations (L&I/OSHA/WISHA/City Safety Codes).

The successful Contractor must procure a City of Ferndale Business License and pay all charges, fees, and taxes associated with said license. Bidders must have a valid Washington State Electrical License at the time of opening of the bids and throughout the life of the resulting contract.

The Contractor must procure all required permits and license required for all phases of this project, including but not limited to building permits, electrical permits, encroachment permits etc. Permit fees, inspections, and any and all other work and costs associated with obtaining and achieving final approval of the permit shall be included and paid as part of the base bid for the work.

This is a Prevailing Wage contract. The State of Washington prevailing wage rates applicable for this public works project, located in Whatcom County, may be found within the appendices of this document. An Intent to Pay Prevailing Wages, and Affidavit of Prevailing Wages paid will be required. No subcontracting will be allowed.

Removal of Defective and Unauthorized Work

If the Contractor fails to remedy defective or unauthorized work within the time specified in a written notice from the Contracting Agency, or fails to perform any part of the work required by the Contract Documents, the Contracting Agency may correct and remedy such work as may be identified in the written notice, with Contracting Agency forces or by such other means as the Contracting Agency may deem necessary.

If the Contractor fails to comply with a written order to remedy what the Contracting Agency determines to be an emergency situation, the Contracting Agency may have the defective and unauthorized work corrected immediately, have the rejected work removed and replaced, or have work the Contractor refuses to perform completed by using Contracting Agency or other forces. An emergency situation is any situation when, in the opinion of the Contracting Agency, a delay in its remedy could be potentially unsafe, or might cause serious risk of loss or damage to the public.

Direct or indirect costs incurred by the Contracting Agency attributable to correcting and remedying defective or unauthorized work, or work the Contractor failed or refused to perform, shall be paid by the Contractor. Payment will be deducted by the Contracting Agency from monies due, or to become due, the Contractor. Such direct and indirect costs shall include in particular, but without limitation, compensation for additional professional services required, and costs for repair and replacement of work of others destroyed or damaged by correction, removal, or replacement of the Contractor's unauthorized work.

No adjustment in contract time or compensation will be allowed because of the delay in the performance of the work attributable to the exercise of the Contracting Agency's rights provided by this Section.

The rights exercised under the provisions of this section shall not diminish the Contracting Agency's right to pursue any other avenue for additional remedy or damages with respect to the Contractor's failure to perform the work as required.

Inspection, Completion, and Testing

When the Contractor considers the work physically complete and ready for final inspection, the Contractor shall request the City's Project Manager to inspect the work. The City will notify the Contractor of any deficiencies in the work after inspection. The Contractor shall immediately take such corrective measures as are necessary to remedy the listed deficiencies. Corrective work shall be pursued vigorously, diligently, and without interruption until physical completion of the listed deficiencies. This process will continue until the City is satisfied the listed deficiencies have been corrected.

If action to correct the listed deficiencies is not initiated within seven (7) days after receipt of the written notice listing the deficiencies, the City may, upon written notice to the Contractor, take whatever steps are necessary to correct those deficiencies pursuant.

When the Contractor considers the work to be substantially complete, the Contractor shall notify the Contracting Agency and request the Contracting Agency establish the Substantial Completion Date. The Contractor's request shall list the specific items of work that remain to be completed in order to reach physical completion. The Contracting Agency will schedule an inspection of the work with the Contractor to determine the status of completion. The Contracting Agency may also establish the Substantial Completion Date unilaterally.

If, after this inspection, the Contracting Agency concurs with the Contractor that the work is substantially complete and ready for its intended use, the Contracting Agency, by written notice to the Contractor, will set the Substantial Completion Date. If, after this inspection, the Contracting Agency does not consider the work substantially complete and ready for its intended use, the Contracting Agency will, by written notice, notify the Contractor and give its reasons behind that determination.

Upon receipt of written notice concurring in or denying substantial completion, whichever is applicable, the Contractor shall pursue vigorously, diligently and without unauthorized interruption, the work necessary to reach Substantial and Physical Completion. The Contractor shall provide the Contracting Agency with a revised schedule indicating when the Contractor expects to reach substantial and physical completion of the work.

The above process shall be repeated until the Contracting Agency establishes the Substantial Completion Date and the Contractor considers the work physically complete and ready for final inspection. When the Contractor considers the work to be physically complete and ready for final inspection, the Contractor shall submit a written request to schedule a final inspection. The Contracting Agency will set a date for final inspection. The Contracting Agency and the Contractor will then make a final inspection, and the Contracting Agency will notify the Contractor in writing of all particulars in which the final inspection reveals the work incomplete or unacceptable. The Contractor shall immediately take such corrective measures as are necessary to remedy the listed deficiencies. Corrective work shall be pursued vigorously, diligently, and without interruption until physical completion of the listed deficiencies. This process will continue until the Contracting Agency is satisfied the listed deficiencies have been corrected.

If action to correct the listed deficiencies is not initiated within 7 days after receipt of the written notice listing the deficiencies, the Contracting Agency may, upon written notice to the Contractor, take whatever steps are necessary to correct those deficiencies.

The Contractor will not be allowed an extension of contract time because of a delay in the performance of the work attributable to the exercise of the Contracting Agency's right hereunder. Upon correction of all deficiencies, the Contracting Agency will notify the Contractor and the Contracting Agency, in writing, of the date upon which the work was considered physically complete. That date shall constitute the Physical Completion Date of the contract but shall not

imply acceptance of the work or that all the obligations of the Contractor under the contract have been fulfilled.

The costs for power, gas, labor, material, supplies, and everything else needed to successfully complete operational testing shall be included in the unit contract prices related to the system being tested, unless specifically set forth otherwise in the proposal.

Operational and test periods, when required by the Contracting Agency, shall not affect a manufacturer's guaranties or warranties furnished under the terms of the contract.

Warranty

Unless otherwise specifically stated by the Bidder, all goods and services furnished shall be warranted against defects or faulty workmanship and materials by the Contractor for one (1) year following inspection and acceptance of the products by the City. Warranty shall include all costs incurred, including shipping, for repair or replacement except that which is damaged by misuse or abuse. This one-(1) year warranty shall in no way affect normal extended or manufacturer's warranty exceeding this one (1) year period. Contractor warrants that all goods and services furnished under this Agreement are new, conform strictly to the specifications herein, are merchantable, good workmanship, free from defect, comply with all applicable safety and health standards established for such products, all goods are properly packaged, and all appropriate instructions or warnings are supplied. If a defect is found, a component failure occurs, or workmanship is found to cause failure, the Contractor shall replace the product at their own expense, including shipping charges. Any replacement product will be warrantied for one (1) year from the date it is delivered and/or installed. All implied and expressed warranty provisions of the Uniform Commercial Code are incorporated into this Agreement. Contractor further warrants that no violation of any federal, state, or local law, statute, rule, regulation, ordinance, or order will result from the manufacturer, production, sale, shipment, installation, or use of any other goods. Contractor's warranties (and any more favorable warranties, service policies, or similar undertaking of Contractor) shall survive delivery, installation, inspection, and acceptance of the goods or services.

Payments

Upon final inspection and acceptance of the work by the City, the Contractor is to submit properly completed itemized invoice(s), the prices stipulated herein for work performed (less deductions, if any), in accordance with all payment and retainage instructions herein to:

City of Ferndale, Accounts Payable, PO Box 936, Ferndale WA 98248 Electronic copies to: public-works@cityofferndale.org and accountspayable@cityofferndale.org

To ensure prompt payment each itemized invoice should not only include the Contractor's name and return remittance address but also cite "Metalworks Restroom Electrical Project", bid item and service(s) description, quantity, unit and total price, discount terms, and location of work and date work was completed. The City of Ferndale's Sales Tax rate is currently 9%.

Payment (minus 5% retainage) will be mailed within thirty (30) days of (a) the receipt and acceptance of the completed project, (b) approval of annual Prevailing Wage Intents and

Affidavits, and (c) properly completed itemized invoice. Invoices shall be itemized to reflect hours worked and material costs. No Progress payments will be made. Retainage will be released upon issuance of an Affidavit of Wages Paid.

PREPARING AND SUBMITTING A BID

General Instructions

Failure to conform to the Bid specifications and respond to each of the submittal requirements may be the basis for rejection of a bid. Refer to the Bidder's Checklist below to ensure your Bid is responsive.

Submitting a Bid

Bidders shall submit one Bid. Bids shall be submitted to the address listed on the INVITATION TO BID no later than the date and time listed. Late Bids will not be accepted or evaluated, unless it can be proven delivery of the Bid was somehow delayed and should have been delivered on time, thus showing no advantage over other Bidders.

Bids are not considered to be confidential per Washington State Public Records Act (RCW 42.56 et seq.) All sections of the response shall be made available to the public immediately after contract opening.

Bidders Check List

The Bidder's attention is especially called to the following forms, which must be completed and submitted on the form provided by the City as part of their Bid submittal and provided as part of these contract Documents:

IN	IVITATION TO BID	. Page 3
BI	D PROPOSAL FORM	. Page 4
	BIDDER IDENTIFICATION	Page 5
	BID PROPOSAL SIGNATURE AND ADDENDUM ACKNOWLEDGMENT	Page 6
	NON-COLLUSION DECLARATION	Page 7
	CERTIFICATION OF COMPLIANCE WITH WAGE PAYMENT STATUTES.	Page 8
	UNIT BID ITEM LIST	Page 9

SCOPE OF WORK AND TECHNICAL REQUIREMENTS

Intent

It is the intent of these specifications to describe any and all work necessary for the installation and connection of a new power feed to the precast restroom facility at Metalworks park, including sizing, providing, and pulling approximately 725 feet of wire within existing conduit between the Phillips 66 fieldhouse building and restroom; sizing and providing and installing a new circuit within the existing panel in the Phillips 66 fieldhouse building, connecting and powering the 100 amp service panel at the restroom; sizing, providing and installing a wall-mounted electric heater with thermostat in the mechanical room; providing and installing a half-inch conduit run and wall penetration to accommodate installation of a security camera system, including permitting to secure bids for the work.

Scope of Work

The work under this Contract shall include the furnishing of all labor, materials, equipment, permits, and inspections necessary for or incidental to work indicated in the Contract Documents.

Electrical work may consist of, but not be limited to:

- Sizing and supplying all wire, feeds, circuit breakers, and other necessary miscellaneous components necessary to power the restroom panel.
- Pulling electrical wire from the existing Phillips 66 fieldhouse building through existing conduit to the new restroom facility at Metalworks.
- Wiring new components to existing facilities.
- Sizing, supplying, and installing a wall-mounted electric heater unit with thermostat, including all wiring, conduit, breakers, switches, fittings, brackets, clips, straps, anchors, and other items necessary to provide a complete and operational unit.
- Providing and installing a new circuit and power feed, including wiring, conduit, breaker, switches, or other items necessary to support an exterior security camera system.
- Installing and powering a security camera power supply box and roof mast.
 - City to supply (Camera assembly parts list included with project photos in Appendixes):
 - Heavy Duty Roof Mount for Masts up to 1-7/8" OD EZ 19A Antenna Mast Peak Mount
 - The Switch Flex Utility outdoor weatherproof enclosure with Flexible 5port, Layer 2 PoE switch
 - Heavy Duty Roof Mount for Masts up to 1-7/8" OD EZ 19A Antenna Mast Peak Mount
 - o Contractor to supply:
 - Breaker
 - Conduit flex and/or solid as appropriate for application and location.
 - Junction Box(es)
 - Galvanized Pipe/Mast with Threaded Cap
 - Miscellaneous Fittings, Brackets, Clips, Straps, and other items needed for a complete installation

It shall not be the responsibility of the City to provide engineering or other services to protect the Contractor from additional costs accrued from performing this Contract.

Workmanship

Where not more specifically described in these specifications, workmanship shall conform to all of the methods and operations of best standards and accepted practices of the trade or trades involved. All work shall be executed by personnel skilled in their respective lines of work. All materials provided for individual projects will be per the current edition of the National Electrical Code. Construction will be performed per the current edition of the National Electrical Code and City standards. Only the best and safest methods of operation will be allowed. Any variance from the specifications or standards of quality must be clearly pointed out in writing by the bidder.

Manufacturer's Instructions

All materials and equipment shall be applied, installed, connected, erected, used, cleaned, and conditioned in accordance with the instructions of the applicable manufacturer, fabricator, supplier, or distributor, except as otherwise specifically provided in the contract documents.

No Disturbance

The contractor shall not disturb grounds or materials outside the sphere of the contracted project.

Mobilization and Demobilization

Mobilization shall be included in the base unit price for each work order and shall consist of preparatory work and operations performed by Contractor, including his personnel, equipment, supplies, and incidentals to the project site. No separate measurement or payment will be made for costs associated with mobilization and demobilization.

Repair or Replacement

Should adjacent property be damaged in any manner, Contractor shall immediately contact the Project Manager. Contractor shall promptly repair damage caused to adjacent areas, rooms, facilities, property, streets, and sidewalks by construction operations as directed by the City and at no cost to the City.

Protection of Existing Utilities

Identification and location of all underground utilities are the responsibility of the Contractor.

The Contractor shall:

- a. Contact the Washington Utility Notification Center for utility locates prior to any excavation by calling 811 or 800-424-5555.
- b. Notify the Project Manager of the intent to work near underground utility services or structures.
- c. Proceed with sufficient caution to preclude damaging any utilities known or unknown. In the event unidentified utilities are encountered, the Contractor must notify the Project Manager IMMEDIATELY.

d. In the event utilities are damaged during construction, temporary services and/or repairs must be made immediately, at the Contractor's expense, to maintain continuity of services.

Contractor's Responsibility for Fire Prevention and Protection

The Contractor shall take the following precautions:

- a. The contractor shall perform all work in a fire safe manner.
- b. Contractor shall supply and maintain on the site adequate fire-fighting equipment capable of extinguishing incipient fires.
- c. Contractor shall comply with applicable Federal, local, and State fire prevention regulations. Where these regulations do not apply, applicable parts of the National Fire Prevention Standard for Safeguarding building Construction Operations (NFPA No. 241) shall be followed.
- d. Contractor shall provide passageways around the areas of construction to ensure safe passage of persons in the area.
- e. No part of the buildings may be left in an unsafe condition. If any danger is imminent, the contractor shall rope off or place barricades around the area and notify the appropriate authorities.

Waste Materials

All refuse and waste material must be disposed of by the Contractor off the City's property, at the Contractor's expense. The Contractor must immediately clean up any spilled material from buildings, roads, etc.

Public Convenience and Safety

The Contractor must so conduct operations as to offer the least possible obstruction and inconvenience to the public, and shall have under construction no greater length or amount of work than can be performed with due regard to the rights of the public.

The Contractor must provide and maintain such fences, barriers, directional signs, lights, and flag persons as are necessary to give adequate warning to the public at all times of any dangerous conditions to be encountered as a result of the work and to give directions to the public. Sound Control - If possible, limit sound during working hours.

Dust/Debris Control

The Contractor must take whatever steps, procedures or means as are required to prevent abnormal dust and debris conditions being caused by the operation in connection with the work. Dust control must be incidental to this project and in accordance with Clean Air Laws.

All areas where personnel are, or will be present during the course of work, shall be thoroughly cleaned of debris and garbage daily. Specific areas are adjacent buildings, walkways, and parking areas.

Contractor's Vehicles

Contractor and employee vehicles, and all other vehicles entering the City's property to perform

work, must use an access route approved by the City. All such vehicles must park in a designated parking area approved by the City.

Traffic

Contractor is to conduct operations in a way to ensure minimum interference with roads, streets, walkways, and other adjacent occupied or used facilities.

Contractor shall not close or obstruct streets, walks, or other occupied or used facilities without permission from authorities having jurisdiction. Provide alternate routes around closed or obstructed lanes, if required by governing regulations.

The Contractor shall maintain traffic in the project area to the satisfaction of the applicable local regulatory agencies, the local public agency, and the City. Unless otherwise specified within the Contract Documents, the Contractor must maintain pedestrian and vehicular traffic. The Contractor may be required to employ traffic men and take other such reasonable means or precautions or as required to prevent damage or injury to other property, and to minimize the inconvenience to the public by his construction operations.

The Contractor shall observe and obey all local and state laws, ordinances, regulations, and permits in relation to the obstruction of a street, keeping passageways open and protecting pedestrians.

Suitably lighted barriers or barricades shall be furnished by the Contractor and put up and maintained at all times, during the night and daytime, around all open ditches, trenches, pedestrian walkways, excavations, or other potentially dangerous work to pedestrians. Barricades shall be properly painted to the satisfaction of the City in order to retain a high degree of visibility to vehicular and pedestrian traffic.

Should the Contractor or his employees neglect to set out and maintain barricades or lights, as required in these specifications, the City immediately and without notice, may furnish, install, and maintain barricades or lights. The cost thereof shall be borne by the contractor and may be deducted from any amount due or to become due to the contractor under this contract.

The Contractor will be held responsible for any damages that the City, its heirs, or assigns may have to pay as consequence of the contractor's failure to protect the public from injury, and the same may be deducted from any payments that are due, or may become due, to the contractor under this contract.

Retainage

In order to ensure that work will be performed in accordance with the specifications and within time of delivery specified on the face of the Bid Form and to insure the City against failure of the successful bidder to promptly correct all discrepancies in manufacture, materials, quality of workmanship, and appearance of the finished article the successful bidder shall furnish a duly-executed Performance Bond and the City will withhold 5% retainage. Retainage is required and is withheld from each individual work order/invoice until contract close out. The City shall not release retainage until it has received approved affidavits for Wages paid for the Contractor.

Bid Item Descriptions

MOBILIZATION

Description: Mobilization consists of preconstruction expenses and the costs of preparatory Work and operations performed by the Contractor, including permitting and licensing.

Requirements: These costs typically occur before 10 percent of the total original Contract amount is earned from other Contract items. Items which are not part of Mobilization include, but are not limited to:

- 1. Portions of the Work covered by the specific Contract item or incidental Work which is to be included in a Contract item or items.
- 2. Profit, interest on borrowed money, overhead, or management costs.
- 3. Costs incurred for mobilizing equipment to perform force account Work.

Measurement: No specific unit of measurement will be applied to this lump sum item.

Payment: Payment will be by lump sum.

POWER FEED AND ELECTRICAL CONNECTION TO RESTROOM

Description: This item includes all work needed to adequately size, install, and connect a new electrical circuit feed originating from the existing P66 Ballfield electrical panel to the new precast restroom facility at Metalworks Park.

Requirements: Perform calculations necessary to adequately size wiring and breaker to serve 100amp electric service panel at the restroom facility. Provide and install approximately 700 linear feet of wire feed within existing conduit and junction boxes between P66 electrical room and Metalworks restroom facility mechanical room. Connect and power new restroom facility. Provide all labor, parts, materials, and other work and items necessary to provide power to the restroom.

Measurement: No specific unit of measurement will be applied to this lump sum item.

Payment: Payment will be by lump sum.

HEATER AND THERMOSTAT

Description: This item includes all work needed to adequately size, install, and connect a new wall heater and manual thermostat in the mechanical room of the Metalworks restroom facility.

Requirements: The heater and thermostat shall be of similar size, configuration, and features as has been installed at another City restroom facility. Please see photos provided in the appendices. Work shall include installing a new circuit in the existing

panel, breaker, wiring, conduit, fittings, miscellaneous parts, materials, labor, and other work and items necessary to provide a complete and operational unit.

Measurement: No specific unit of measurement will be applied to this lump sum item.

Payment: Payment will be by lump sum.

POWER SUPPLY AND MOUNT FOR CAMERA SYSTEM

Description: This item includes all work needed to create a new circuit for and connect the power supply box for a new security camera on the exterior (roof) of the building.

Requirements: Provide new circuit, breaker, conduit, wire, and galvanized pole/mast as noted to be used to mount the power supply box for a future site surveillance camera system. The mast shall be bolted to the roof of the building using drilled anchor rod and epoxy. Anchor rod and epoxy to be equivalent or superior to the products noted in the appendices. Contractor to install City-provided parts as noted in the appendices, as well as supply and install all other parts and materials needed for a complete installation. Please see photos provided in the appendices.

Measurement: No specific unit of measurement will be applied to this lump sum item.

Payment: Payment will be by lump sum.

EXTERIOR OUTLET

Description: This item includes all work needed to install a new circuit and exterior electrical outlet box on the exterior southeast side of the Metalworks restroom building, to the right of the mechanical room door.

Requirements: Provide new circuit, breaker, conduit, wire, and exterior 4-outlet box with security cover. Contractor to provide all necessary labor, parts, and materials needed for a complete installation. Please see photos provided in the appendices.

Measurement: No specific unit of measurement will be applied to this lump sum item.

Payment: Payment will be by lump sum.

FORCE ACCOUNT

Description: This work shall consist of the repair of existing public and private facilities, and the correction, repair, removal, or construction of items as directed by the Contracting Agency. This shall not exempt the contractor from protecting known existing facilities, or from the responsibility for repair of such known existing facilities.

Requirements: The contractor shall obtain written or verbal approval from the Project

Manager prior to proceeding with any force account work. Work performed without approval from the Project Manager will not be compensated.

The Contractor and the Contracting Agency's representative or Project Manager shall reconcile the hours of work for labor and equipment on a daily basis for the purpose of tracking all work under this item. The Contractor shall supply the Project Manager with material invoices for all materials incorporated into this work in a timely manner. Invoices shall be original or copies of original invoices from the material supplier.

Measurement: Work performed under the item "Force Account" shall be based on actual labor hours, equipment and tools used, and materials and parts supplied.

Payment: Payment for the item "Force Account" shall be full compensation for all labor, tools, equipment, materials, and work needed to complete individual items of work as directed by the Project Manager. This item shall be paid based upon mutually acceptable rates, at current market value, for components of the work, plus markup.

For Labor – Labor reimbursement calculations shall be based on a "Project Labor List" prepared and submitted by the Contractor. The rates shall include the basic wage and fringe benefits, the current rates for Federal Insurance Compensation Act (FICA), Federal Unemployment Tax Act (FUTA) and State Unemployment Tax Act (SUTA), the company's present rates for Medical Aid and Industrial Insurance premiums and the planned payments for travel and per diem compensation.

In addition to compensation for direct labor costs defined above, the Contracting Agency will pay Contractor 29 percent of the sum of the costs calculated for labor reimbursement to cover project overhead, general company overhead, profit, bonding, insurance, Business & Occupation tax, and other costs incurred.

For Materials – The Contracting Agency will reimburse invoice cost for materials. For the purpose of this provision, "Materials" shall include those items incorporated into the Work, supplies used during the Work and items consumed. This cost shall include freight and handling charges and applicable taxes. Before Work is started, the Engineer may require the Contractor to obtain multiple quotations for the materials to be utilized and select the vendor with prices and terms most advantageous to the Contracting Agency.

In addition to compensation for direct materials cost, the Contracting Agency will pay the Contractor 21 percent of the sum of the costs calculated for materials reimbursement to cover project overhead, general company overhead, profit, bonding, insurance, Business & Occupation tax, and all other costs incurred.

For Equipment – The Contracting Agency will reimburse the Contractor for the cost of equipment utilized in the Work. The equipment provided by the Contractor shall be of modern design and in good working condition. For the

purpose of this provision, "provided" shall mean that the equipment is owned (either through outright ownership or through a long-term lease) and operated by the Contractor or subcontractor or that the equipment is rented and operated by the Contractor or subcontractor. The amount of payment for Contractor-owned equipment that is utilized shall be determined according to the version of the AGC/WSDOT Equipment Rental Agreement which is in effect at the time the force account is authorized. The rates listed in the Rental Rate Blue Book shall be full compensation for all fuel, oil, lubrication, ordinary repairs, maintenance, and all other costs incidental to furnishing and operating the equipment except labor for operation.

Payment for rented equipment will be made on the basis of a valid invoice, covering the time period of the Work. Before Work is started, the Engineer may require the Contractor to obtain multiple quotations for the rental of equipment to be utilized and select the vendor with prices and terms most advantageous to the Contracting Agency. In addition to the payments for Contractor-owned and rented equipment, one or more lump-sum payments may be made for small tools. The amount to be paid shall be determined as outlined in the AGC/WSDOT Equipment Rental Agreement.

In addition to compensation for direct equipment costs the Contracting Agency will add 21 percent to equipment costs to cover project overhead, general company overhead, profit, bonding, insurance, and all other costs incurred.

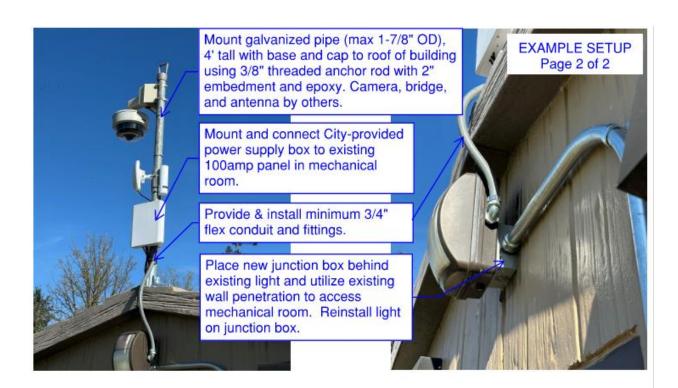
APPENDICIES

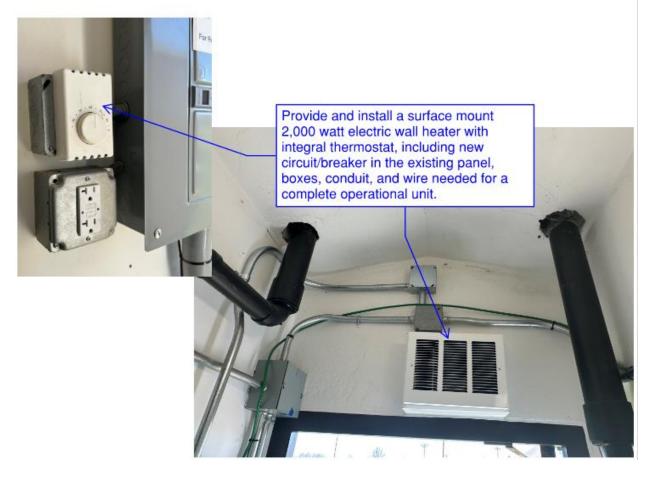
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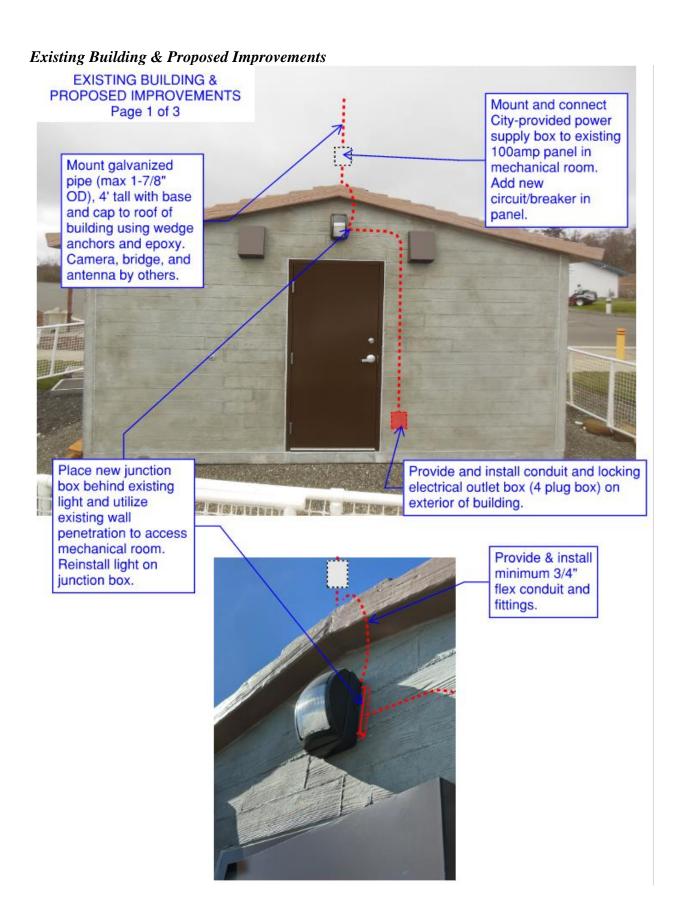
APPENDIX A – Metalworks Plans and Photos This page has been left intentionally blank – please see following page(s).		

Example Setup



















Metalworks Restroom Electrical – Page 37

Camera Components

CAMERA COMPONENTS Page 1 of 1

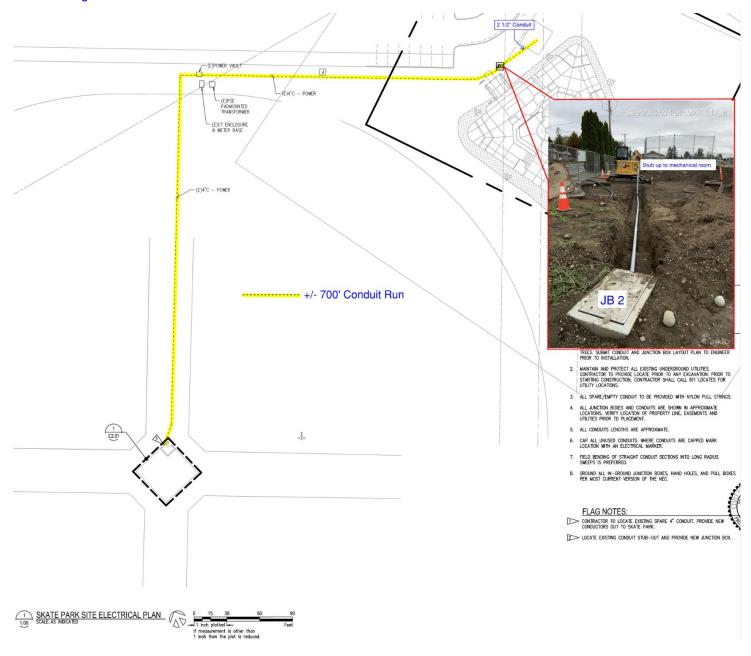
Qty Description

Metalworks A 60 GHz wireless point-to-point bridge. Flexible 5-port, Layer 2 PoE switch for indoor and outdoor use, that can be powered with PoE++. 1 The Switch Flex Utility is an outdoor weatherproof enclosure designed for use with the Switch Flex. 1 An adapter that can power UniFi PoE++ devices with wireless mesh applications, or offload PoE switch power dependencies. Heavy Duty Roof Mount for Masts up to 1-7/8" OD - EZ 19A Antenna Mast Peak Mount 1 ESD protection for outdoor high-speed networks. AV Costar, 20MP Contera Omni Directional Remote Setup Outdoor Dome, Remote Setup with Remote Zoom, Remote Focus, 4x3.6-6.6mm Motorized Lens, Pan, Tilt & Day/Night, 4x2592x1944, H.265/H.264/M-JPEG, WDR, NightView, SNAPstream+, 30fps, SD Card Slot, Audio, IP66, IK-10, Onvif, PoE+/12-48V DC/24V AC 1 Exacqvision IP Camera License 1 Wall Mount Bracket with Junction Box (Mount Cap Not Included) for SurroundVideo, MegaDome, and D4SO Series - 1.5" NPT Female Arecont Vision AV-PMA Pole Mount Adapter for SurroundVideo, MegaDome, MegaView, HSG2 and 1 MicroDome Series 1 Mount Cap for SurroundVideo

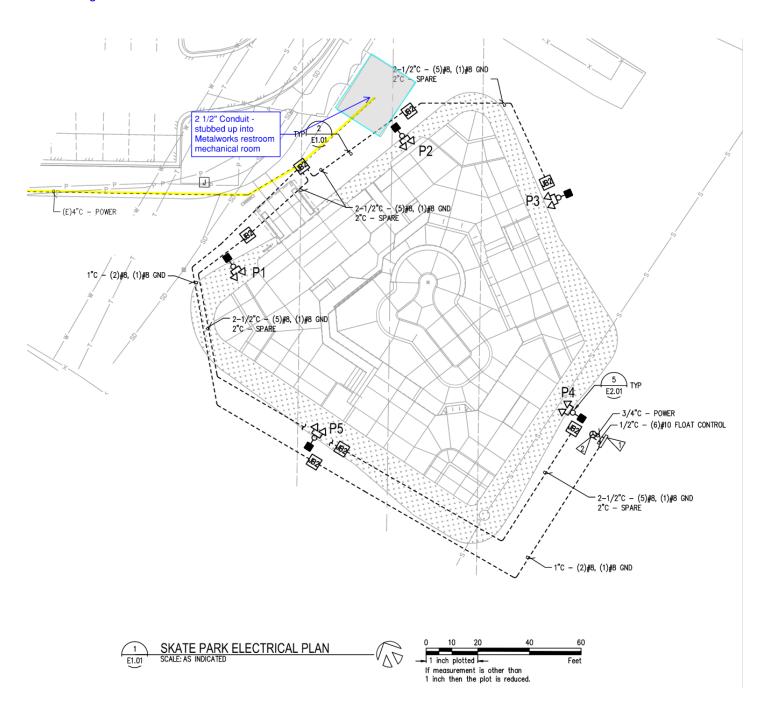
CITY SUPPLIED ITEMS FOR CONTRACTOR INSTALLATION HIGHLIGHTED IN RED BOXES

Metalworks Conduit and Vaults

Metalworks Conduit and Vaults Page 1 of 2



Metalworks Conduit and Vaults Page 2 of 2



P66 Electrical Room

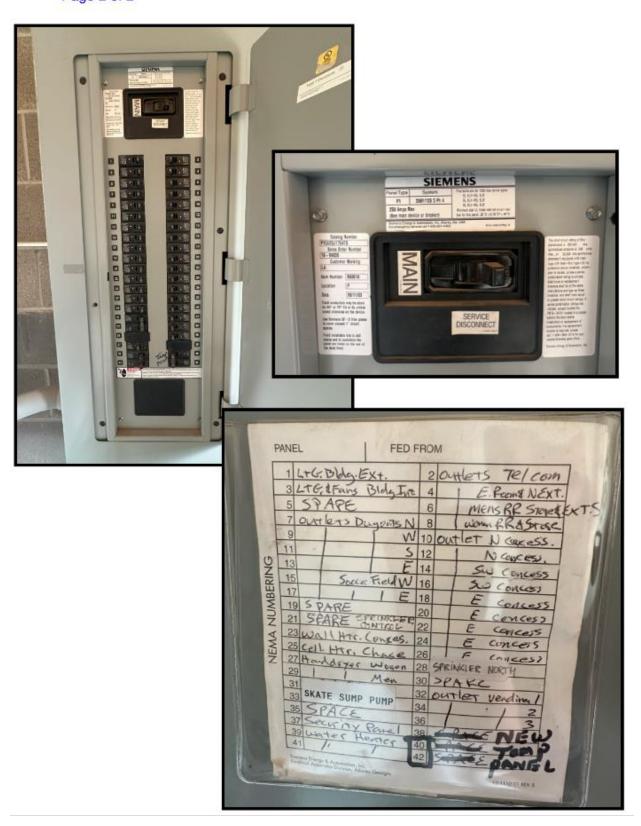
P66 ELECTRICAL ROOM Page 1 of 2





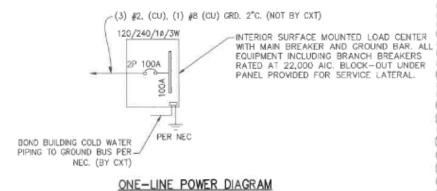


P66 ELECTRICAL ROOM Page 2 of 2



APPENDIX B -Building (LB Foster/CXT - Cortez Style) Electrical Plans and Details

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GENERAL ELECTRICAL NOTES

- 1. RECESSED JUNCTION BOXES FOR SINGLE DEVICES SHALL HAVE SINGLE GANG MUD RINGS CAST IN
- 2. ALL RECEPTACLES SHALL BE GFCI PROTECTED BY CIRCUIT BREAKERS OR BY OTHER GFCI RECEPTACLES
- 3. ALL CONDUIT SHALL BE 3/4" MINIMUM, EXPOSED CONDUIT SHALL BE EMT, RECESSED SHALL BE
- 4. INSTALL ALL WIRING IN CONDUIT OR RELATED ENCLOSURES.
- 5. ALL ELECTRICAL INSTALLATIONS SHALL MEET THE 2023 NEC.
- 6. MINIMUM WIRE SIZE SHALL BE #12 AWG COPPER, THHN INSULATION UNLESS NOTED OTHERWISE.
- 7. ROUTE ALL CONDUITS IN UTILITY ROOM AT CEILING OR FACE OF WALLS.
- 8. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC IN NATURE AND MAY NOT SHOW EXACT LOCATIONS OF DEVICES, REFER TO WALL PANEL AND OTHER DRAWINGS FOR EXACT LOCATIONS OF J-BOXES, ETC.

٩M	IP100				P	ANE	L	TOTAL CONN	IECTED VA	LOAD	10,42	25
SÜ	RFACE MOUNT				120/24	ΙΟV,	îP,	3W TOTAL CALCU	JLATED VA	LOAD .	10,43	32
	CIRCUIT			CAOJ]		CIRCUIT			LOAD	
0.	DESCRIPTION	OCP	TYPE	(VA)	(A)	PH.	NO	DESCRIPTION	OCP	TYPE	(VA)	(A)
1	PHOTO CONTROLLED EXTERIOR LIGHTS	1P/20A	C	28	0.2	A	2	CHASE RECEPTACLE	1P/20A	R	180	1.5
3	CHASE LIGHT	1P/20A	N	25	0.2	В	4	RESTROOM#1 LIGHT & FAN	1P/20A	N	116	1.0
5	RESTROOM #2 LIGHT & FAN	1P/20A	N	116	1.0	A	6	RESTROOM RECEPTACLES	1P/20A	N	360	3.0
7	CHRONOLETT ON ON PARK	40.004	N	2,400	20.0	В	8	CHRONOMITE CM-20L/240 #2	1P/20A	N	2,400	20.0
9	CHRONOMITE CM-20L/240 #1	1P/20A	N	2,400	20.0	A	10	CHRONOMITE CM-20LI240 #2	1P/20A	N	2,400	20.0
1] B	12					
3						1A	14					
5						1в	16					
15						1 A	18					
19						1в	20					
	NOTE: MAXIMUM ALLOWABLE AIC IS 22K AN WILL BE REQUIRED (NOT BY CXT) IF TRANSF 175 KVA.						(C) (R) (N)	AD ONTINUOUS EC (1ST 10KVA) ON-CONTINUOUS ARGEST MOTOR TOTAL LOAD	28 180 10,217	x1.25 x1.00 x1.00 x1.25	180 10,217 0 10,432	VA VA VA VA

			LIGHTING FIXTURE SCHEDULE
FIXTURE	VOLTAGE	WATTS	DESCRIPTION
Α	120	25	LUMINAIRE VPF84 INTERIOR LIGHT FIXTURE, VPF8 4FT NODIM 25W 40K MV CLP WHT WL 20CC SURFACE MOUNTED, LED LAMP 4 FT, WRAP AROUND LENS, LOW TEMPERATURE DRIVER, BUILT IN OCCUPANCY SENSOR ACTIVATED W/ ADDITIONAL OCCUPANCY SENSOR FOR FAN CONTROL
В	120	14	SWOOP 610 LED EXTERIOR LIGHT, YWP610-14W HP-3500K-120-CP-BRZ-CAB/PC EXTERIOR, VANDAL RESISTANT, WALL MOUNTED, 14 WATT, CLEAR PRISMATIC LENS, BUILT IN PHOTOELECTRIC CONTROL
С	120	25	LUMINAIRE VPF84 INTERIOR LIGHT FIXTURE, VPF8 4FT NODIM 25W 40K MVOLT CLP WHT WL SURFACE MOUNTED, LED LAMP 4 FT, WRAP AROUND LENS, LOW TEMPERATURE DRIVER, SWITCH ACTIVATED

NOTE: THE SOURCE OF EFFICACY OF EXTERIOR LIGHTING IS TO BE A MINIMUM OF 45 LUMENS PER WATT

	EXHAUST FAN SCHEDULE									
SYM	MFR	MODEL #	CFM	SONES	VOLTS	AMPS	WATTS	NOTES		
EF-1	FANTECH	RVF-4XL	154	6.0	120	0.79	91	1,2,3		

- THE SPEED CONTROL MOUNTED IN CHASE.
 FANS LISTED FOR WET LOCATION, CONTROL VIA OCCUPANCY SENSOR.
- LOCATE OPEN FACE J-BOX ON EXTERIOR SIDE OF PANEL.

 3. SET FAN SPEED LIMIT CONTROL BETWEEN 70 AND 105 CFM.



EXPIRES April 23, 2025

July 21, 2024



5701 E Flamingo Ave Bidg 300 Nampa, ID 83687 901 N. Highway 77 Hillaboro, TX 76645 362 Waverly Road Williamstown, WY 26187

CORTEZ BUILDING NUMBER CR-1853

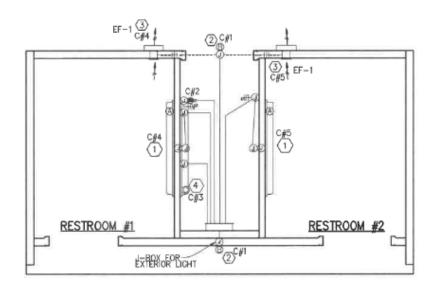
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FLECTIONAL SOUBLAE UPDATES ANY 7/15/200

COORDINATE APPROXIMATION APPROX

ELECTRICAL NOTES & SCHEDULES

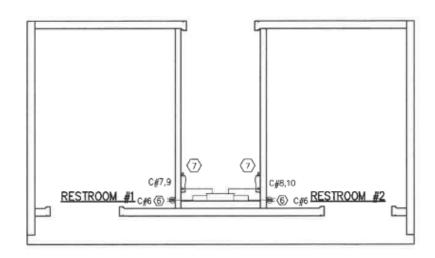
Ba-KET / CR-20



LIGHTING & EXHAUST FAN PLAN N.T.S.

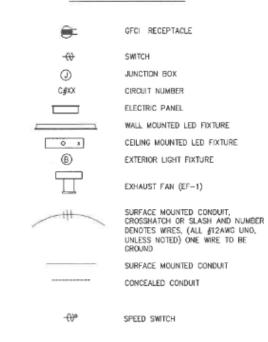
KEY NOTES

- 1 OCCUPANCY SENSOR CONTROLLED LIGHTS AND EXHAUST FANS.
- LIGHT FIXTURE TO BE CONTROLLED BY INTEGRAL PHOTOCELL.
- 3 CIRCUIT AS NEEDED FOR THE LOAD OF THE EXHAUST FAN. WIRE THRU SPEED SWITCH (IN CHASE) AND OCCUPANCY SENSOR.
- 4 CHASE LIGHT TO BE SWITCH ACTIVATED.
- 5 NOT USED.
- 6 GFG OUTLET FOR RESTROOMS
- 7 M-20L CHORNOMITE INSTAHOT TO BE HARDWIRED.



RECEPTACLE PLAN

SYMBOLS LEGEND





July 21, 2024



6701 E Flomingo Ave Bildg 300 Nampa, ID 83687 901 N. Highwoy 77 Hillsboro, 7X 76645 362 Waverly Road Williamstown, WV 26187

> CORTEZ BUILDING NUMBER CR-1853

HATEC.

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CIT legran

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Ţ	e ection	SAL SCHEDUE UPG	ÆS	300	27157
MX.	1000	DESCRIPTION		APPROVAL.	041
SCA	Ú.E	1,4" = 1'-0"	DATE		6-20-3
DRA	VMM	A. PETERSMEYER	FILE	NO.	CR-185
CHE	DED	H.PDWER	PLO		48

ELECTRICAL PLAN, LEGEND & NOTES

CR-21

21 22

APPENDIX C – Anchor Rod & Epoxy Spec. Sheets
This page has been left intentionally blank – please see following page(s).



Qualified Product List

Contractor Product Information

Contractor: Sub Contractor: Bid Item:		Contract No: Date:			
	Valley Nut & Bolt C	Company - Tur	mwater, V	<u>VA</u>	
Product Name: Th	readed Anchor Rod				
Standard Spec :	GSP 6-02.2.OPT1.GR6, R	esin Bonded Ancho	ors - Anchor	Bolts, Nuts, \	Nashers
Product Descript Product Restricti	ion : Threaded anchor ro	od for resin bonded	anchor.		
Compliance per WS certified, where ap material to the pro specifications may	e: 2215 I: Acceptance is by field SDOT Standard Specificat plicable, shall be identifie bject. Supporting mill test also be required. If the Couring a Certificate of Ma	tion 1-06.3 and the ed. This documenta reports indicating Contract contains a	e lot(s) or ba ation is requ that the pro Buy Amerio	atch(es) of ma ired with each oduct meets to a clause, the	aterial being h delivery of he applicable
Last Updated: Ja	n 7, 2011				
To be completed	by the field inspector:				
Quantity	Verified By:	Date			



Qualified Product List

Contractor Product Information

Contractor: Sub Contractor: Bid Item:		Contract No: Date:			
bia Item:					Į
Manufacture	er: <u>Hilti Corp - Plan</u>	<u>o, TX</u>			,
Product Name:	: HIT-RE 500 V3				
Standard Spe	ec : GSP 6-02.2.OPT1.GR6	, Resin Bonded Anch	ors - Adhesive	2	
type; Type IV, 7/8, 1 and 1 1, Product Rest	ription: Resin bonded ar Grade 3 - Non-Sagging. A /4-inch diameters. riction: nor rods, nuts and washers	approved for use with	threaded and	hor rods of 3/8, 1/2, 5	5/8, 3/4
originally subn Acceptance of Compliance pe Supporting mil	code: 3109 Ition: A - Visually verify to the contractor and threaded rods, nuts, and the WSDOT Standard Speciful tests or documents may lause, the PEO is responsi	nd approved from the washers shall be by s fication 1-06.3 for eac also be required with	e QPL. Note 'R satisfactory Ma ch delivery of n this docume	estrictions' when presonnufacturer's Certificat material to the project nt. If the Contract con	ent. B - e of t site.
Last Updated	I: Feb 25, 2017				
To be comple	eted by the field inspect	or:			
Quantity:	Verified By:	Date	e:	_	

APPENDIX D – State Prevailing Wage Rates
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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.

Prevailing wage rates which have been published On: 2/3/2025 and will be effective from: 3/5/2025

<u>County</u>	<u>Trade</u>	Job Classification	<u>Wage</u>	Holiday	Overtime	Note
Whatcom	Asbestos Abatement Workers	Journey Level	\$63.87	<u>5D</u>	<u>1H</u>	
Whatcom	Boilermakers	Journey Level	\$80.89	<u>5N</u>	<u>1C</u>	
Whatcom	Brick Mason	Journey Level	\$71.82	<u>7E</u>	<u>1N</u>	
Whatcom	Brick Mason	Pointer-Caulker-Cleaner	\$71.82	7E	<u>1N</u>	
Whatcom	Building Service Employees	Janitor	\$16.66		1	
Whatcom	Building Service Employees	Shampooer	\$16.66		1	
Whatcom	Building Service Employees	Waxer	\$16.66		1	
Whatcom	Building Service Employees	Window Cleaner	\$16.66		1	
Whatcom	Cabinet Makers (In Shop)	Journey Level	\$24.89		1	
Whatcom	Carpenters	Acoustical Worker	\$78.96	15J	110	
Whatcom	Carpenters	Bridge Dock and Wharf Carpenter	\$80.50	15J	110	9L
Whatcom	Carpenters	Floor Layer & Floor Finisher	\$78.96	15J	11U	
Whatcom	Carpenters	General Carpenter	\$78.96	15J	110	
Whatcom	Carpenters	Scaffold Erector	\$78.96	15J	11U	
Whatcom	Cement Masons	Application of all Composition Mastic	\$77.30	15J	4U	
Whatcom	Cement Masons	Application of all Epoxy Material	\$76.78	15J	4U	
Whatcom	Cement Masons	Application of all Plastic Material	\$77.30	15J	4U	
Whatcom	Cement Masons	Application of Sealing Compound	\$77.30	153	4U	
			\$77.30			
Whatcom	Cement Masons	Application of Underlayment		<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Building General	\$76.78	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Composition or Kalman Floors	\$77.30	15J	<u>4U</u>	
Whatcom	Cement Masons	Concrete Paving	\$76.78	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Curb & Gutter Machine	\$77.30	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Curb & Gutter, Sidewalks	\$76.78	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Curing Concrete	\$76.78	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Finish Colored Concrete	\$77.30	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Floor Grinding	\$77.30	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Floor Grinding/Polisher	\$76.78	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Green Concrete Saw, self-powered	\$77.30	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Grouting of all Plates	\$76.78	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Grouting of all Tilt-up Panels	\$76.78	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Gunite Nozzleman	\$77.30	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Hand Powered Grinder	\$77.30	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Journey Level	\$76.78	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Patching Concrete	\$76.78	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Pneumatic Power Tools	\$77.30	15J	<u>4U</u>	
Whatcom	Cement Masons	Power Chipping & Brushing	\$77.30	<u>15J</u>	<u>4U</u>	
Whatcom	Cement Masons	Sand Blasting Architectural Finish	\$77.30	15J	<u>4U</u>	
Whatcom	Cement Masons	Screed & Rodding Machine	\$77.30	15J	<u>4U</u>	
Whatcom	Cement Masons	Spackling or Skim Coat Concrete	\$76.78	15J	4U	
Whatcom	Cement Masons	Troweling Machine Operator	\$77.30	15J	4U	
Whatcom	Cement Masons	Troweling Machine Operator on Colored Slabs	\$77.30	151	<u>4U</u>	
Whatcom	Cement Masons	Tunnel Workers	\$77.30	15J	4U	
Whatcom	Divers & Tenders	Bell/Vehicle/Submersible Operator (not under pressure)	\$156.25	15J	11T	<u>91</u>

	Whatcom	Divers & Tenders	Dive Supervisor	\$157.75	15J	11T	<u>91</u>
	Whatcom	Divers & Tenders	Diver	\$156.25	15J	11T	91
Western Composed Air S118.79 132 1111 111	Whatcom	Divers & Tenders	Diver Tender	\$86.86	15J	11T	91
	Whatcom	Divers & Tenders		\$109.76	<u>15J</u>	<u>11U</u>	
	Whatcom	Divers & Tenders		\$118.99	<u>15J</u>	110	
Winter S. Finders	Whatcom	Divers & Tenders		\$128.22	<u>15J</u>	<u>11U</u>	
Worker # 0.00 1-6-0.00 F3	Whatcom	Divers & Tenders		\$137.45	<u>15J</u>	<u>11U</u>	
Worker #4.01 - 68.00 PS S165.13 152 11U Worker #6.01 - 70.00 PS S165.13 152 11U Worker #6.01 - 70.00 PS S165.13 152 11U Worker #6.01 - 70.00 PS S174.36 152 11U Worker #6.01 - 70.00 PS S174.36 152 11U Worker #6.01 - 70.00 PS S174.36 152 11U Worker #7.00 PS Worker #7.00 PS S183.59 152 11U Worker #7.00 PS Worker #7.00 PS S183.59 S1	Whatcom	Divers & Tenders		\$146.67	<u>15J</u>	110	
Windred St. 0.1 - 70.00 PSi St. 0.1 - 70	Whatcom	Divers & Tenders		\$155.90	<u>15J</u>	<u>11U</u>	
Winder	Whatcom	Divers & Tenders		\$165.13	<u>15J</u>	<u>11U</u>	
	Whatcom	Divers & Tenders		\$174.36	<u>15J</u>	<u>11U</u>	
	Whatcom	Divers & Tenders		\$183.59	<u>15J</u>	110	
Whatcom Divers & Tenders Permitter	Whatcom	Divers & Tenders	Lead Diver (Dive Master)	\$101.32	15J	11T	91
	Whatcom	Divers & Tenders		\$86.86	<u>15J</u>	<u>11T</u>	
Operator Technician Section	Whatcom	Divers & Tenders		\$86.86	<u>15J</u>	11T	<u>91</u>
Whatcom Divers & Tenders Stand-by Diver S96.32 151 111 91	Whatcom	Divers & Tenders		\$86.86	<u>15J</u>	11T	91
Whatcom Dredge Workers Assistant Engineer \$85.37 \$0 3F	Whatcom	Divers & Tenders	Remote Operated Vehicle Tender	\$80.55	15J	11T	91
Whatcom Dredge Workers Double S84.71 SD 3E Whatcom Dredge Workers Boatmen S85.37 SD 3E SE Whatcom Dredge Workers Engineer Welder S87.02 SD 3E SE Whatcom Dredge Workers Engineer Welder S87.02 SD 3E SE Whatcom Dredge Workers Leverman, Hydraulic S88.77 SD 3E SE Whatcom Dredge Workers Dredge	Whatcom	Divers & Tenders	Stand-by Diver	\$96.32	15J	11T	91
Whatcom Dredge Workers Boatmen \$85.37 \$D 3F	Whatcom	Dredge Workers	Assistant Engineer	\$85.37	5D	3F	
Whatcom Dredge Workers Engineer Welder \$87.02 5D 3F Whatcom Dredge Workers Leverman, Hydraulic \$88.77 5D 3E Whatcom Dredge Workers Mates \$85.37 5D 3E Whatcom Dredge Workers Oiler \$84.71 5D 3E Whatcom Drowall Tapers Journey Level \$78.76 15Q 11S Whatcom Drowall Tapers Journey Level \$78.76 15Q 11S Whatcom Electric Iristure Maintenance Workers Journey Level \$16.66 1 1 Whatcom Electricians - Inside Cable Splicer \$95.85 7H 1E Whatcom Electricians - Inside Construction Stock Person \$46.03 7H 1E Whatcom Electricians - Inside Journey Level \$89.75 7H 1E Whatcom Electricians - Motor Shog Craftsman \$16.66 1 1 Whatcom Electricians - Motor Shog Journey Level	Whatcom	Dredge Workers	Assistant Mate (Deckhand)	\$84.71	5D	3F	
Whatcom Dredge Workers Leverman, Hydraulic \$88.77 5D 3F Whatcom Dredge Workers Mates \$85,37 5D 3E Whatcom Dredge Workers Oiler \$84.71 5D 3E Whatcom Drowall Applicator Journey Level \$78.76 15Q 11S Whatcom Drowall Tapers Journey Level \$78.76 15Q 11S Whatcom Electrical Fixture Maintenance Workers Journey Level \$78.76 15Q 11S Whatcom Electricians Inside Cable Splicer \$95.85 7H 1E Whatcom Electricians Inside Construction Stock Person \$46.03 2H 1D Whatcom Electricians - Inside Journey Level \$89.75 7H 1E Whatcom Electricians - Motor Shog Journey Level \$16.66 1 1 Whatcom Electricians - Motor Shog Journey Level \$16.66 1 1 Whatcom Electricians - Powerline Construction	Whatcom	Dredge Workers	Boatmen	\$85.37	5D	3F	
Whatcom Dredge Workers Mates \$85.37 5D 3E Whatcom Dredge Workers Oiler \$84.71 5D 3E Whatcom Drowall Applicator Journey Level \$78.76 15Q 11S Whatcom Drywall Tapers Journey Level \$78.76 15Q 11S Whatcom Electricians Inside Cable Splicer \$98.85 7H 1E Whatcom Electricians Inside Construction Stock Person \$46.03 7H 1E Whatcom Electricians Inside Journey Level \$89.75 7H 1E Whatcom Electricians Inside Journey Level \$89.75 7H 1E Whatcom Electricians Motor Shoq Journey Level \$16.66 1 1 Whatcom Electricians - Motor Shoq Journey Level \$16.66 1 1 Whatcom Electricians - Powerline Construction Cable Splicer \$910.42 \$A 4D Whatcom Electricians - Powerline Construction <t< td=""><td>Whatcom</td><td>Dredge Workers</td><td>Engineer Welder</td><td>\$87.02</td><td>5D</td><td>3F</td><td></td></t<>	Whatcom	Dredge Workers	Engineer Welder	\$87.02	5D	3F	
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Whatcom Electricians - Motor Shop Craftsman \$16.66 1 Whatcom Electricians - Motor Shop Journey Level \$16.66 1 Whatcom Electricians - Powerline Construction Cable Splicer \$102.42 \$A 4D Whatcom Electricians - Powerline Construction Certified Line Welder \$93.99 \$A 4D Whatcom Electricians - Powerline Construction Groundperson \$59.30 \$A 4D Whatcom Electricians - Powerline Construction Heavy Line Equipment Operator \$93.99 \$A 4D Whatcom Electricians - Powerline Construction Line Equipment Operator \$93.99 \$A 4D Whatcom Electricians - Powerline Construction Line Equipment Operator \$80.96 \$A 4D Whatcom Electricians - Powerline Construction Meter Installer \$59.30 \$A 4D Whatcom Electricians - Powerline Construction Pole Sprayer \$93.99 \$A 4D Whatcom Electricians - Powerline Construction Powderperson \$69.84 \$A 4D Whatcom Electronic Technicians Electronic Technicians Fence Fechanic \$115.14 7D 4A Whatcom Elevator Co	Whatcom	Electricians - Inside	Journey Level	\$89.75	7H		
Part	Whatcom	Electricians - Motor Shop	Craftsman	\$16.66			
Sector S	Whatcom	Electricians - Motor Shop	Journey Level	\$16.66			
Whatcom Electricians - Powerline Construction Groundperson \$593.99 5A 4D Whatcom Electricians - Powerline Construction Heavy Line Equipment Operator \$93.99 5A 4D Whatcom Electricians - Powerline Construction Heavy Line Equipment Operator \$93.99 5A 4D Whatcom Electricians - Powerline Construction Line Equipment Operator \$80.96 5A 4D Whatcom Electricians - Powerline Construction Line Equipment Operator \$80.96 5A 4D Whatcom Electricians - Powerline Construction Meter Installer \$593.00 5A 4D Whatcom Electricians - Powerline Construction Pole Sprayer \$93.99 5A 4D Whatcom Electricians - Powerline Construction Pole Sprayer \$93.99 5A 4D Whatcom Electricians - Powerline Construction Powerperson \$69.84 5A 4D Whatcom Electricians - Powerline Construction Powderperson \$69.84 5A 4D Whatcom Electronic Technicians Electronic Technicians Journey Level \$58.51 5B 1B Whatcom Electronic Technicians Electronic Technicians Journey Level \$58.51 5B 1B Whatcom Elevator Constructors Mechanic \$115.14 7D 4A Whatcom Elevator Constructors Mechanic In Charge \$124.53 7D 4A Whatcom Fabricated Precast Concrete Products Journey Level \$16.66 1 1 Whatcom Fabricated Precast Concrete Products Journey Level \$16.66 1 1 Whatcom Fabricated Precast Concrete Products Journey Level S54.65 15J 11P 8Y Whatcom Fence Erectors Fence Erector \$54.65 15J 11P 8Y Whatcom Figgers Journey Level \$54.65 15J 11P 8Y Whatcom Heat & Frost Insulators And Asbestos Journey Level \$54.65 59.81 15H 11C	Whatcom		•	\$102.42	5A		
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Whatcom Flectricians - Powerline Construction Heavy Line Equipment Operator S93.99 SA 4D Whatcom Flectricians - Powerline Construction Journey Level Lineperson S93.99 SA 4D Whatcom Flectricians - Powerline Construction Line Equipment Operator S80.96 SA 4D Whatcom Flectricians - Powerline Construction Meter Installer S59.30 SA 4D Whatcom Flectricians - Powerline Construction Pole Sprayer S93.99 SA 4D Whatcom Flectricians - Powerline Construction Powderperson S69.84 SA 4D Whatcom Flectronic Technicians Electronic Technicians Journey Level S58.51 SB 1B Whatcom Flevator Constructors Mechanic S115.14 7D 4A Whatcom Flevator Constructors Mechanic In Charge S124.53 7D 4A Whatcom Fabricated Precast Concrete Products Journey Level S16.66 1 Whatcom Fabricated Precast Concrete Products Journey Level - In-Factory Work Only S16.66 1 Whatcom Fence Frectors Fence Erector S54.65 15J 11P BY Whatcom Flaggers Journey Level S54.65 15J 11P BY Whatcom Flaggers Journey Level S54.65 15J 11P BY Whatcom Glaziers Journey Level S82.16 7L 1Y Whatcom Heat & Frost Insulators And Asbestos Journey Level S91.81 15H 11C Whatcom Heat & Frost Insulators And Asbestos Journey Level S91.81 15H 11C Whatcom Heat & Frost Insulators And Asbestos Journey Level S91.81 15H 11C Whatcom Heat & Frost Insulators And Asbestos Journey Level S91.81 15H 11C Whatcom Heat & Frost Insulators And Asbestos Journey Level S91.81 15H 11C Whatcom Heat & Frost Insulators And Asbestos Journey Level S91.81 15H 11C Whatcom Heat & Frost Insulators And Asbestos Journey Level S91.81 15H 11C Whatcom Heat & Frost Insulators And Asbestos Journey Level S91.81 15H 11C Whatcom Heat & Frost Insulators And Asbestos Journey Level S91.81 15H 11C What And And And Asbestos Journey Level S91.81 15H 11C What And	Whatcom	Electricians - Powerline Construction	Groundperson	\$59.30	5A	4D	
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Whatcom Heat & Frost Insulators And Ashestos Journey Level \$91.81 15H 11C	Whatcom						2.
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Whatcom	Heating Equipment Mechanics	Mechanic	\$96.46	ZE	1E	
Whatcom	Hod Carriers & Mason Tenders	Journey Level	\$67.38	15J	11P	8Y
Whatcom	Industrial Power Vacuum Cleaner	Journey Level	\$16.66		1	
Whatcom	Inland Boatmen	Boat Operator	\$71.28	5B	1K	
Whatcom	Inland Boatmen	Cook	\$69.70	5B	1K	
Whatcom	Inland Boatmen	Deckhand	\$70.00	5B	1K	
Whatcom	Inland Boatmen	Deckhand Engineer	\$69.55	5B	1K	
Whatcom	Inland Boatmen	Launch Operator	\$71.23	5B	1K	
Whatcom	Inland Boatmen	Mate	\$89.12	5B	1K	
Whatcom	Inspection/Cleaning/Sealing Of Sewer	Cleaner Operator	\$51.27	15M	110	
	& Water Systems By Remote Control		1			
Whatcom	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Foamer Operator	\$51.27	<u>15M</u>	110	
Whatcom	Inspection/Cleaning/Sealing Of Sewer B. Water Systems By Remote Control	Grout Truck Operator	\$51.27	<u>15M</u>	110	
Whatcom	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Head Operator	\$49.20	<u>15M</u>	110	
Whatcom	Inspection/Cleaning/Sealing Of Sewer & Water Systems By Remote Control	Technician	\$42.99	<u>15M</u>	110	
Whatcom	Inspection/Cleaning/Sealing Of Sewer	TV Truck Operator	\$46.10	<u>15M</u>	110	
Whatcom	& Water Systems By Remote Control Insulation Applicators	Journey Level	\$78.96	<u>15J</u>	<u>11U</u>	
Whatcom	Ironworkers	Journeyman	\$90.82	15K	11N	
Whatcom	Laborers	Air, Gas Or Electric Vibrating Screed	\$63.87	15J	11P	8Y
Whatcom	Laborers	Airtrac Drill Operator	\$65.75	15J	11P	8Y
Whatcom	Laborers	Ballast Regular Machine	\$63.87	15.1	11P	8Y
Whatcom	Laborers	Batch Weighman	\$54.65	15J	11P	8Y
Whatcom	Laborers	Brick Pavers	\$63.87	15J	11P	8Y
Whatcom	Laborers	Brush Cutter	\$63.87	15J	11P	8Y
Whatcom	Laborers	Brush Hog Feeder	\$63.87	15.1	11P	8Y
Whatcom	Laborers	Burner	\$63.87	15,1	11P	8Y
Whatcom	Laborers	Caisson Worker	\$65.75	15J	11P	8 <u>Y</u>
Whatcom	Laborers	Carpenter Tender	\$63.87	15J	11P	8Y
Whatcom	Laborers	Cement Dumper-paving	\$64.98	151	11P	8Y
Whatcom	Laborers	Cement Finisher Tender	\$63.87	15.1	11P	8Y
Whatcom	Laborers	Change House Or Dry Shack	\$63.87	15,1	11P	8Y
Whatcom	Laborers	Chipping Gun (30 Lbs. And Over)	\$64.98	15J	11P	8Y
Whatcom	Laborers	Chipping Gun (Under 30 Lbs.)	\$63.87	151	11P	8Y
Whatcom	Laborers	Choker Setter	\$63.87	153	11P	8Y
Whatcom	Laborers	Chuck Tender	\$63.87	<u>15J</u>	11P	<u>8Y</u>
Whatcom	Laborers	Clary Power Spreader	\$64.98	15J	11P	<u>8Y</u>
Whatcom	Laborers	Clean-up Laborer	\$63.87	<u>15J</u>	11P	<u>8Y</u>
Whatcom	Laborers	Concrete Dumper/Chute Operator	\$64.98	<u>15J</u>	11P	<u>8Y</u>
Whatcom	Laborers	Concrete Form Stripper	\$63.87	<u>15J</u>	11P	<u>8Y</u>
Whatcom	Laborers	Concrete Placement Crew	\$64.98	<u>15J</u>	11P	8Y
Whatcom	Laborers	Concrete Saw Operator/Core Driller	\$64.98	<u>15J</u>	11P	<u>8Y</u>
Whatcom	Laborers	Crusher Feeder	\$54.65	<u>15J</u>	<u>11P</u>	<u>8Y</u>
Whatcom Whatcom	<u>Laborers</u> <u>Laborers</u>	Curing Laborer Demolition: Wrecking & Moving (Incl.	\$63.87 \$63.87	15J 15J	11P 11P	8 <u>Y</u> 8 <u>Y</u>
Whatcom	Laborers	Charred Material) Ditch Digger	\$63.87			
Whatcom		Diver	\$65.75	15J	11P	8 <u>Y</u>
	Laborers			15J	11P	8Y 8V
Whatcom	Laborers	Drill Operator (Hydraulic, Diamond)	\$64.98	15J	11P	8 <u>Y</u>
Whatcom	Laborers	Dry Stack Walls	\$63.87	15J	11P	8 <u>Y</u>
Whatcom	Laborers	Dump Person	\$63.87	15J	11P	8 <u>Y</u>
Whatcom	Laborers	Epoxy Technician	\$63.87	<u>15J</u>	11P	8 <u>Y</u>
Whatcom	Laborers	Erosion Control Worker	\$63.87	<u>15J</u>	11P	<u>8Y</u>
Whatcom	Laborers	Faller & Bucker Chain Saw	\$64.98	15J	11P	<u>8Y</u>
Whatcom	Laborers	Fine Graders	\$63.87	<u>15J</u>	11P	<u>8Y</u>
Whatcom	Laborers	Firewatch	\$54.65	<u>15J</u>	11P	<u>8Y</u>
Whatcom	Laborers	Form Setter	\$64.98	<u>15J</u>	11P	<u>8Y</u>
Whatcom	Laborers	Gabian Basket Builders	\$63.87	15J	11P	<u>8Y</u>
Whatcom	<u>Laborers</u>	General Laborer	\$63.87	<u>15J</u>	<u>11P</u>	<u>8Y</u>

Whatcom	Laborers	Grade Checker & Transit Person	\$67.38	15J	11P	8Y
Whatcom	Laborers	Grinders	\$63.87	15J	11P	8Y
Whatcom	Laborers	Grout Machine Tender	\$63.87	15J	11P	8Y
Whatcom	Laborers	Groutmen (Pressure) Including Post	\$64.98	151	11P	8Y
Wildcom	Lativitets	Tension Beams	304.70	144	-112	21
Whatcom	Laborers	Guardrail Erector	\$63.87	<u>15J</u>	<u>11P</u>	<u>8Y</u>
Whatcom	<u>Laborers</u>	Hazardous Waste Worker (Level A)	\$65.75	<u>15J</u>	<u>11P</u>	<u>8Y</u>
Whatcom	Laborers	Hazardous Waste Worker (Level B)	\$64.98	<u>15J</u>	<u>11P</u>	<u>8Y</u>
Whatcom	Laborers	Hazardous Waste Worker (Level C)	\$63.87	<u>15J</u>	<u>11P</u>	<u>8Y</u>
Whatcom	Laborers	High Scaler	\$65.75	<u>15J</u>	<u>11P</u>	8Y
Whatcom	Laborers	Jackhammer	\$64.98	15J	11P	8Y
Whatcom	Laborers	Laserbeam Operator	\$64.98	15J	<u>11P</u>	8Y
Whatcom	Laborers	Maintenance Person	\$63.87	15J	11P	8Y
Whatcom	Laborers	Manhole Builder-Mudman	\$64.98	15J	11P	8Y
Whatcom	Laborers	Material Yard Person	\$63.87	15J	11P	8Y
Whatcom	Laborers	Mold Abatement Worker	\$63.87	15J	11P	8Y
Whatcom	Laborers	Motorman-Dinky Locomotive	\$67.48	15J	11P	8Y
Whatcom	Laborers	nozzleman (concrete pump, green cutter when using combination of high pressure air & water on concrete & rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster)	\$67.38	151	11P	8 <u>Y</u>
Whatcom	Laborers	Pavement Breaker	\$64.98	<u>15J</u>	<u>11P</u>	<u>8Y</u>
Whatcom	Laborers	Pilot Car	\$54.65	<u>15J</u>	11P	<u>8Y</u>
Whatcom	Laborers	Pipe Layer (Lead)	\$67.38	<u>15J</u>	<u>11P</u>	<u>8Y</u>
Whatcom	Laborers	Pipe Layer/Tailor	\$64.98	<u>15J</u>	<u>11P</u>	8Y
Whatcom	Laborers	Pipe Pot Tender	\$64.98	<u>15J</u>	<u>11P</u>	8Y
Whatcom	Laborers	Pipe Reliner	\$64.98	15J	<u>11P</u>	8Y
Whatcom	Laborers	Pipe Wrapper	\$64.98	15J	11P	<u>8Y</u>
Whatcom	Laborers	Pot Tender	\$63.87	15J	11P	8Y
Whatcom	Laborers	Powderman	\$65.75	15J	11P	8Y
Whatcom	Laborers	Powderman's Helper	\$63.87	15J	11P	8Y
Whatcom	Laborers	Power Jacks	\$64.98	15J	11P	8Y
Whatcom	Laborers	Power Washer	\$63.87	15J	11P	8Y
Whatcom	Laborers	Railroad Spike Puller - Power	\$64.98	15J	11P	8Y
Whatcom	Laborers	Raker - Asphalt	\$67.38	15J	11P	8Y
Whatcom	Laborers	Re-timberman	\$65.75	15J	11P	8Y
Whatcom	Laborers	Remote Equipment Operator	\$64.98	15J	11P	8Y
Whatcom	Laborers	Rigger/Signal Person	\$64.98	15J	11P	8Y
Whatcom	Laborers	Rip Rap Person	\$63.87	15J	11P	8Y
Whatcom	Laborers	Rivet Buster	\$64.98	151	11P	8Y
Whatcom	Laborers	Rodder	\$64.98	15.1	11P	8Y
Whatcom	Laborers	Scaffold Erector	\$63.87	153	11P	8Y
Whatcom	Laborers	Scale Person	\$63.87	15J	11P	8Y
Whatcom	Laborers	Sloper (Over 20")	\$64.98	153	11P	8Y
Whatcom	Laborers	Sloper Sprayer	\$63.87	153	11P	8Y
Whatcom	Laborers	Spreader (Concrete)	\$64.98		11P	
Whatcom	Laborers	Stake Hopper	\$63.87	15J		8 <u>Y</u>
Whatcom	Laborers	Stake Hopper Stock Piler		15J	11P	8 <u>Y</u>
			\$63.87	15J	11P	8 <u>Y</u>
Whatcom Whatcom	<u>Laborers</u> <u>Laborers</u>	Swinging Stage/Boatswain Chair Tamper & Similar Electric, Air & Gas	\$54.65 \$64.98	15J	11P	8 <u>Y</u>
		Operated Tools		15.1	<u>11P</u>	<u>8Y</u>
Whatcom	Laborers	Tamper (Multiple & Self-propelled)	\$64.98	15J	11P	8Y
Whatcom	Laborers	Timber Person - Sewer (Lagger, Shorer & Cribber)	\$64.98	15.1	<u>11P</u>	<u>8Y</u>
Whatcom	Laborers	Toolroom Person (at Jobsite)	\$63.87	<u>15J</u>	<u>11P</u>	<u>8Y</u>
Whatcom	Laborers	Topper	\$63.87	<u>15J</u>	<u>11P</u>	<u>8Y</u>
Whatcom	Laborers	Track Laborer	\$63.87	15J	<u>11P</u>	<u>8Y</u>
Whatcom	Laborers	Track Liner (Power)	\$64.98	15J	<u>11P</u>	<u>8Y</u>
Whatcom	Laborers	Traffic Control Laborer	\$58.20	<u>15J</u>	<u>11P</u>	<u>9C</u>
Whatcom	Laborers	Traffic Control Supervisor	\$61.47	15J	<u>11P</u>	9C
Whatcom	Laborers	Truck Spotter	\$63.87	15J	<u>11P</u>	8Y
Whatcom	Laborers	Tugger Operator	\$64.98	15J	<u>11P</u>	<u>8Y</u>

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Whatcom	Laborers	Tunnel Work-Compressed Air Worker 0- 30 psi	\$200.40	151	11P	<u>9B</u>
Whatcom	Laborers	Tunnel Work-Compressed Air Worker 30.01-44.00 psi	\$205.43	<u>15J</u>	<u>11P</u>	<u>9B</u>
Whatcom	<u>Laborers</u>	Tunnel Work-Compressed Air Worker 44.01-54.00 psi	\$209.11	<u>15J</u>	<u>11P</u>	<u>9B</u>
Whatcom	Laborers	Tunnel Work-Compressed Air Worker 54.01-60.00 psi	\$214.81	15.1	<u>11P</u>	<u>98</u>
Whatcom	Laborers	Tunnel Work-Compressed Air Worker 60.01-64.00 psi	\$216.93	<u>15J</u>	<u>11P</u>	<u>9B</u>
Whatcom	<u>Laborers</u>	Tunnel Work-Compressed Air Worker 64.01-68.00 psi	\$222.03	<u>15J</u>	<u>11P</u>	<u>98</u>
Whatcom	Laborers	Tunnel Work-Compressed Air Worker 68.01-70.00 psi	\$223.93	<u>15J</u>	<u>11P</u>	<u>9B</u>
Whatcom	Laborers	Tunnel Work-Compressed Air Worker 70.01-72.00 psi	\$225.93	151	<u>11P</u>	<u>9B</u>
Whatcom	Laborers	Tunnel Work-Compressed Air Worker 72.01-74.00 psi	\$227.93	<u>15J</u>	11P	<u>98</u>
Whatcom	Laborers	Tunnel Work-Guage and Lock Tender	\$67.48	15J	11P	8Y
Whatcom	Laborers	Tunnel Work-Miner	\$67.48	15J	11P	8Y
Whatcom		Vibrator	\$64.98			
	Laborers			15J	11P	8Y
Whatcom	Laborers	Vinyl Seamer	\$63.87	<u>15J</u>	11P	<u>8Y</u>
Whatcom	Laborers	Watchman	\$49.97	<u>15J</u>	<u>11P</u>	<u>8Y</u>
Whatcom	Laborers	Welder	\$64.98	<u>15J</u>	<u>11P</u>	<u>8Y</u>
Whatcom	Laborers	Well Point Laborer	\$64.98	15J	<u>11P</u>	8Y
Whatcom	Laborers	Window Washer/Cleaner	\$49.97	15J	11P	8Y
Whatcom	Laborers - Underground Sewer & Water		\$63.87	15J	11P	8Y
Whatcom	Laborers - Underground Sewer & Water	·	\$64.98	15J	11P	8Y
Whatcom	Landscape Construction	Landscape Construction/Landscaping	\$49.97	151	11P	8 <u>Y</u>
		Or Planting Laborers				
Whatcom	Landscape Construction	Landscape Operator	\$85.27	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Landscape Maintenance	Groundskeeper	\$16.66		1	
Whatcom	<u>Lathers</u>	Journey Level	\$78.76	150	115	
Whatcom	Marble Setters	Journey Level	\$71.82	<u>7E</u>	1N	
Whatcom	Metal Fabrication (In Shop)	Journey Level	\$33.09	15G	11B	
Whatcom	Millwright	Journey Level	\$80.28	15J	4C	
Whatcom	Modular Buildings	Journey Level	\$16.66	155		
					1	
Whatcom	Painters	Journey Level	\$54.71	<u>67</u>	111	
Whatcom	Pile Driver	Crew Tender	\$86.81	<u>15J</u>	<u>11U</u>	<u>9L</u>
Whatcom	Pile Driver	Journey Level	\$80.50	<u>15J</u>	<u>11U</u>	<u>9L</u>
Whatcom	<u>Plasterers</u>	Journey Level	\$73.54	<u>7Q</u>	<u>1R</u>	
Whatcom	<u>Plasterers</u>	Nozzleman	\$77.54	ZQ	1R	
Whatcom	Playground & Park Equipment Installers	Journey Level	\$16.66		1	
Whatcom	Plumbers & Pipefitters	Journey Level	\$90.87	5A	1G	
Whatcom	Power Equipment Operators	Asphalt Plant Operators	\$86.69	15J	11G	8X
Whatcom	Power Equipment Operators	Assistant Engineer	\$81.51	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Barrier Machine (zipper)	\$85.93	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Batch Plant Operator: concrete	\$85.93	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Boat Operator	\$87.82	<u>7A</u>	<u>11H</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Bobcat	\$81.51	15J	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Brokk - Remote Demolition Equipment	\$81.51	15J	11G	8X
Whatcom	Power Equipment Operators	Brooms	\$81.51	15J	11G	8X
Whatcom			\$85.93		11G	
	Power Equipment Operators	Bump Cutter		15J		8X
Whatcom	Power Equipment Operators	Cableways	\$86.69	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Chipper	\$85.93	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Compressor	\$81.51	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Concrete Finish Machine - Laser Screed	\$81.51	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Concrete Pump - Mounted Or Trailer High Pressure Line Pump, Pump High Pressure	\$85.27	<u>15J</u>	11 <u>G</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Over 42 M	\$86.69	<u>15J</u>	116	<u>8X</u>
Whatcom	Power Equipment Operators	Concrete Pump: Truck Mount With Boom Attachment Up To 42m	\$85.93	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Conveyors	\$85.27	<u>15J</u>	<u>11G</u>	<u>8X</u>

Whatcom	Power Equipment Operators	Cranes Friction: 200 tons and over	\$90.46	ZA	<u>11H</u>	8X
Whatcom	Power Equipment Operators	Cranes, A-frame: 10 tons and under	\$82.59	7A	11H	8X
Whatcom	Power Equipment Operators	Cranes: 100 tons through 199 tons, or 150' of boom (including jib with attachments)	\$88.67	ZA.	11H	<u>8X</u>
Whatcom	Power Equipment Operators	Cranes: 20 tons through 44 tons with attachments	\$87.03	<u>7A</u>	11H	<u>8X</u>
Whatcom	Power Equipment Operators	Cranes: 200 tons- 299 tons, or 250' of boom including jib with attachments	\$89.60	ZA	11H	<u>8X</u>
Whatcom	Power Equipment Operators	Cranes: 300 tons and over or 300' of boom including jib with attachments	\$90.46	<u>7A</u>	<u>11H</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Cranes: 45 tons through 99 tons, under 150' of boom(including jib with attachments)	\$87.82	<u>7A</u>	<u>11H</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Cranes: Friction cranes through 199 tons	\$89.60	<u>7A</u>	11H	8X
Whatcom	Power Equipment Operators	Cranes: through 19 tons with attachments, a-frame over 10 tons	\$86.36	ZA	11H	<u>8X</u>
Whatcom	Power Equipment Operators	Crusher	\$85.93	15J	11G	8X
Whatcom	Power Equipment Operators	Deck Engineer/Deck Winches (power)	\$85.93	15J	11G	8X
Whatcom	Power Equipment Operators	Derricks, On Building Work	\$87.82	ZA	11H	8X
Whatcom	Power Equipment Operators	Dozers D-9 & Under	\$85.27	15J	11G	8X
Whatcom	Power Equipment Operators	Drill Oilers: Auger Type, Truck Or Crane Mount	\$85.27	15J	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Drilling Machine	\$87.59	15J	11G	8X
Whatcom	Power Equipment Operators	Elevator and man-lift: permanent and shaft type	\$81.51	151	11G	<u>8x</u>
Whatcom	Power Equipment Operators	Finishing Machine, Bidwell And Gamaco & Similar Equipment	\$85.93	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Forklift: 3000 lbs and over with attachments	\$85.27	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Forklifts: under 3000 lbs. with attachments	\$81.51	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Grade Engineer: Using Blue Prints, Cut Sheets, Etc	\$85.93	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Gradechecker/Stakeman	\$81.51	15J	11G	8X
Whatcom	Power Equipment Operators	Guardrail Punch	\$85.93	15J	11G	8X
Whatcom	Power Equipment Operators	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$86.69	15J	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Hard Tail End Dump Articulating Off- road Equipment Under 45 Yards	\$85.93	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Horizontal/Directional Drill Locator	\$85.27	<u>15J</u>	<u>11G</u>	8X
Whatcom	Power Equipment Operators	Horizontal/Directional Drill Operator	\$85.93	15J	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Hydralifts/Boom Trucks Over 10 Tons	\$86.36	7A	<u>11H</u>	8X
Whatcom	Power Equipment Operators	Hydralifts/boom trucks: 10 tons and under	\$82.59	ZA	11H	8X
Whatcom	Power Equipment Operators	Leverman	\$88.47	15J	11G	8X
Whatcom	Power Equipment Operators	Loader, Overhead, 6 Yards. But Not Including 8 Yards	\$86.69	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Loaders, Overhead Under 6 Yards	\$85.93	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Loaders, Plant Feed	\$85.93	15J	11G	8X
Whatcom	Power Equipment Operators	Loaders: Elevating Type Belt	\$85.27	15J	11G	8X
Whatcom	Power Equipment Operators	Locomotives, All	\$85.93	15J	11G	8X
Whatcom	Power Equipment Operators	Material Transfer Device	\$85.93	15J	11G	8X
Whatcom	Power Equipment Operators	Mechanics: All (Leadmen - \$0.50 per hour over mechanic)	\$87.59	151	116	<u>8X</u>
Whatcom	Power Equipment Operators	Motor Patrol Graders	\$86.69	15J	11G	8X
Whatcom	Power Equipment Operators	Mucking Machine, Mole, Tunnel Drill, Boring, Road Header And/or Shield	\$86.69	151	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Oil Distributors, Blower Distribution & Mulch Seeding Operator	\$81.51	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Outside Hoists (Elevators and Manlifts), Air Tuggers, Strato	\$85.27	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Overhead, bridge type Crane: 20 tons through 44 tons	\$87.03	ZA	11H	<u>8X</u>
Whatcom	Power Equipment Operators	Overhead, bridge type: 100 tons and over	\$88.67	<u>7A</u>	<u>11H</u>	<u>8X</u>

Whatcom	Power Equipment Operators	Overhead, bridge type: 45 tons through 99 tons	\$87.82	ZA	<u>11H</u>	<u>8x</u>
Whatcom	Power Equipment Operators	Pavement Breaker	\$81.51	15J	11G	8X
Whatcom	Power Equipment Operators	Pile Driver (other Than Crane Mount)	\$85.93	15J	11G	8X
Whatcom	Power Equipment Operators	Plant Oiler · Asphalt, Crusher	\$85.27	15.1	11G	8X
Whatcom	Power Equipment Operators	Posthole Digger, Mechanical	\$81.51	15J	11G	8X
Whatcom	Power Equipment Operators	Power Plant	\$81.51	15J	11G	8X
Whatcom	Power Equipment Operators	Pumps - Water	\$81.51	15J	11G	8X
Whatcom	Power Equipment Operators	Quad 9, Hd 41, D10 And Over	\$86.69	151	11G	8X
Whatcom	Power Equipment Operators	Quick Tower: no cab, under 100 feet in	\$85.93	15J	11G	8X
Whatcom	Power Equipment Operators	height base to boom Remote Control Operator On Rubber	\$86.69	15J	11G	8X
		Tired Earth Moving Equipment				_
Whatcom	Power Equipment Operators	Rigger and Bellman	\$82.59	<u>7A</u>	<u>11H</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Rigger/Signal Person, Bellman(Certified)	\$86.36	ZA	11H	<u>8x</u>
Whatcom	Power Equipment Operators	Rollagon	\$86.69	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Roller, Other Than Plant Mix	\$81.51	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Roller, Plant Mix Or Multi-lift Materials	\$85.27	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Roto-mill, Roto-grinder	\$85.93	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Saws - Concrete	\$85.27	15J	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Scraper, Self Propelled Under 45 Yards	\$85.93	<u>15J</u>	11G	8X
Whatcom	Power Equipment Operators	Scrapers - Concrete & Carry All	\$85.27	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Scrapers, Self-propelled: 45 Yards And Over	\$86.69	15.1	11G	<u>8x</u>
Whatcom	Power Equipment Operators	Service Engineers: Equipment	\$85.27	15J	11G	8X
Whatcom	Power Equipment Operators	Shotcrete/Gunite Equipment	\$81.51	15J	11G	8X
Whatcom	Power Equipment Operators	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$85.27	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Shovel, Excavator, Backhoe: Over 30	\$86.69	<u>15J</u>	11G	<u>8x</u>
Whatcom	Power Equipment Operators	Metric Tons To 50 Metric Tons Shovel, Excavator, Backhoes, Tractors:	\$85.93	15.1	11G	<u>8X</u>
Whatcom	Power Equipment Operators	15 To 30 Metric Tons Shovel, Excavator, Backhoes: Over 50	\$87.59	<u>15J</u>	11G	<u>8x</u>
Whatcom	Power Equipment Operators	Metric Tons To 90 Metric Tons Shovel, Excavator, Backhoes: Over 90	\$88.47	<u>15J</u>	11G	<u>8X</u>
		Metric Tons	*** **			
Whatcom	Power Equipment Operators	Slipform Pavers	\$86.69	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Spreader, Topsider & Screedman	\$86.69	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Subgrader Trimmer	\$85.93	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Tower Bucket Elevators	\$85.27	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Tower Crane: over 175' through 250' in height, base to boom	\$89.60	ZA	11H	<u>8X</u>
Whatcom	Power Equipment Operators	Tower crane: up to 175' in height base to boom	\$88.67	ZA	<u>11H</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Tower Cranes: over 250' in height from base to boom	\$90.46	<u>7A</u>	<u>11H</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Transporters, All Track Or Truck Type	\$86.69	15J	11G	<u>8X</u>
Whatcom	Power Equipment Operators	Trenching Machines	\$85.27	15J	11G	8X
Whatcom	Power Equipment Operators	Truck Crane Oiler/Driver: 100 tons and over	\$87.03	ZA	11H	8X
Whatcom	Power Equipment Operators	Truck crane oiler/driver: under 100 tons	\$86.36	<u>7A</u>	<u>11H</u>	<u>8X</u>
Whatcom	Power Equipment Operators	Truck Mount Portable Conveyor	\$85.93	15J	11G	8X
Whatcom	Power Equipment Operators	Vac Truck (Vactor Guzzler, Hydro Excavator)	\$85.93	151	11G	8X
Whatcom	Power Equipment Operators	Welder	\$86.69	15J	11G	8X
Whatcom	Power Equipment Operators	Wheel Tractors, Farmall Type	\$81.51	15J	11G	8X
Whatcom	Power Equipment Operators	Yo Yo Pay Dozer	\$85.93	15J	11G	8X
Whatcom	Power Equipment Operators- Underground Sewer & Water	Asphalt Plant Operators	\$86.69	151	11G	8X
Whatcom	Power Equipment Operators- Underground Sewer & Water	Assistant Engineer	\$81.51	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators-	Barrier Machine (zipper)	\$85.93	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	Batch Plant Operator, Concrete	\$85.93	<u>15J</u>	11G	<u>8X</u>
	Underground Sewer & Water				I	

Underground Sewer & Water Whatcom Power Equipment Operators- Underground Sewer & Water Brokk - Remote Demolition Equipment S81.51 15J 1	1H 8X 1G 8X 1G 8X
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Underground Sewer & Water Whatcom Power Equipment Operators Brooms \$81.51 151 1 1 1 1 1 1 1 1	1G 8X
Underground Sewer & Water	
	1G 8X
Underground Sewer & Water	1G 8X
Whatcom Power Equipment Operators- Cableways \$86.69 15J 1 Underground Sewer & Water	1G 8X
Whatcom Power Equipment Operators- Chipper \$85.93 15J 1 Underground Sewer & Water	1G 8X
Whatcom Power Equipment Operators- Compressor \$81.51 151 1 Underground Sewer & Water	1G 8X
Whatcom Power Equipment Operators- Concrete Finish Machine - Laser Screed \$81.51 15J 1 Underground Sewer & Water	1G 8X
Whatcom Power Equipment Operators Concrete Pump - Mounted Or Trailer \$85.27 15J 1 Underground Sewer & Water High Pressure Line Pump, Pump High Pressure	1G 8X
Whatcom Power Equipment Operators- Concrete Pump: Truck Mount With \$86.69 15.1 1 Underground Sewer & Water Boom Attachment Over 42 M	1G 8X
Whatcom Power Equipment Operators- Concrete Pump: Truck Mount With \$85.93 15.1 1 Underground Sewer & Water Boom Attachment Up To 42m	1G <u>8X</u>
Whatcom Power Equipment Operators- Conveyors \$85.27 15J 1 Underground Sewer & Water	1G 8X
Whatcom Power Equipment Operators- Cranes Friction: 200 tons and over \$90.46 7A 1 Underground Sewer & Water	1H 8X
Whatcom Power Equipment Operators- Cranes, A-frame: 10 tons and under \$82.59 7A 1 Underground Sewer & Water	1H 8X
Whatcom Power Equipment Operators- Cranes: 100 tons through 199 tons, or \$88.67 7A 1 Underground Sewer & Water 150' of boom (including jib with attachments)	1H <u>8X</u>
Whatcom Power Equipment Operators- Cranes: 20 tons through 44 tons with \$87.03 7A 1 Underground Sewer & Water attachments	1H 8X
Whatcom Power Equipment Operators- Cranes: 200 tons- 299 tons, or 250 of \$89.60 7A 1 Underground Sewer & Water boom including jib with attachments	1H 8X
Whatcom Power Equipment Operators- Cranes: 300 tons and over or 300' of \$90.46 7A 1 Underground Sewer & Water boom including jib with attachments	<u>1H</u> <u>8X</u>
Whatcom Power Equipment Operators Cranes: 45 tons through 99 tons, under \$87.82 7A 1 Underground Sewer & Water 150' of boom(including jib with attachments)	1H <u>8X</u>
Whatcom Power Equipment Operators- Cranes: Friction cranes through 199 \$89.60 ZA 1 Underground Sewer & Water tons	1H 8X
Whatcom Power Equipment Operators- Cranes: through 19 tons with \$86.36 7A 1 Underground Sewer & Water attachments, a-frame over 10 tons	1H 8X
Whatcom Power Equipment Operators- Crusher \$85.93 15J 1 Underground Sewer & Water	1G 8X
Whatcom Power Equipment Operators Deck Engineer/Deck Winches (power) \$85.93 151 1 Underground Sewer & Water	1G 8X
Whatcom Power Equipment Operators- Derricks, On Building Work \$87.82 ZA 1 Underground Sewer & Water	1H 8X
Whatcom Power Equipment Operators- Dozers D-9 & Under \$85.27 15.1 1 Underground Sewer & Water	1G 8X
Whatcom Power Equipment Operators- Underground Sewer & Water Mount Power Sever & Water Mount Sever & Water Mount Power Sever & Water Mount Sever & Water Mount Power & Water Mount Sever & Water Mount Power & Water & Water Mount Power & Water & Wat	1G 8X
Whatcom Power Equipment Operators Drilling Machine \$87.59 151 1 Underground Sewer & Water	1G 8X
Whatcom Power Equipment Operators- Elevator and man-lift: permanent and \$81.51 151 1 Shaft type	1G 8X
Whatcom Power Equipment Operators- Finishing Machine, Bidwell And Gamaco \$85.93 15.0 1 Underground Sewer & Water & Similar Equipment	1G 8X
Whatcom Power Equipment Operators- Underground Sewer & Water Friedlish Water Structure of the Sewer & Water	1G 8X
Whatcom Power Equipment Operators Forklifts: under 3000 lbs. with \$81.51 151 1 1 Underground Sewer & Water attachments	1G <u>8X</u>
Whatcom Power Equipment Operators Grade Engineer: Using Blue Prints, Cut \$85.93 15.1 1 Underground Sewer & Water Sheets, Etc	1G 8X
Whatcom Power Equipment Operators- Gradechecker/Stakeman \$81.51 15J 1 Underground Sewer & Water	1G 8X

Whatcom	Power Equipment Operators- Underground Sewer & Water	Guardrail Punch	\$85.93	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off- Road Equipment 45 Yards. & Over	\$86.69	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Hard Tail End Dump Articulating Off- road Equipment Under 45 Yards	\$85.93	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Horizontal/Directional Drill Locator	\$85.27	<u>15J</u>	<u>11G</u>	<u>8x</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Horizontal/Directional Drill Operator	\$85.93	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Hydralifts/boom trucks: 10 tons and under	\$82.59	<u>7A</u>	<u>11H</u>	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Hydralifts/boom trucks: over 10 tons	\$86.36	<u>7A</u>	<u>11H</u>	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Leverman	\$88.47	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Loader, Overhead, 6 Yards. But Not	\$86.69	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators-	Loaders, Overhead Under 6 Yards	\$85.93	<u>15J</u>	11G	<u>8X</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	Loaders, Plant Feed	\$85.93	<u>15J</u>	11G	<u>8X</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	Loaders: Elevating Type Belt	\$85.27	151	11G	<u>8X</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	Locomotives, All	\$85.93	151	11G	<u>8X</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	Material Transfer Device	\$85.93	<u>15J</u>	11G	<u>8X</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	Mechanics: All (Leadmen - \$0.50 per	\$87.59	<u>15J</u>	11G	<u>8X</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	hour over mechanic) Motor Patrol Graders	\$86.69	151	116	<u>8x</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	Mucking Machine, Mole, Tunnel Drill,	\$86.69	151	11G	<u>8X</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	Boring, Road Header And/or Shield Oil Distributors, Blower Distribution &	\$81.51	<u>15J</u>	11G	<u>8X</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	Mulch Seeding Operator Outside Hoists (Elevators and Manlifts),	\$85.27	15J	11G	<u>8X</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	Air Tuggers, Strato Overhead, bridge type Crane: 20 tons	\$87.03	ZA	11H	<u>8x</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	Overhead, bridge type: 100 tons and	\$88.67	<u>7A</u>	<u>11H</u>	<u>8X</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	over Overhead, bridge type: 45 tons through	\$87.82	<u>7A</u>	<u>11H</u>	<u>8X</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	99 tons Pavement Breaker	\$81.51	<u>15J</u>	11G	8X
Whatcom	Underground Sewer & Water Power Equipment Operators-	Pile Driver (other Than Crane Mount)	\$85.93	15.1	11G	8X
Whatcom	Underground Sewer & Water Power Equipment Operators-	Plant Oiler · Asphalt, Crusher	\$85,27	15.1	11G	8X
Whatcom	Underground Sewer & Water Power Equipment Operators-	Posthole Digger, Mechanical	\$81.51	151	11G	8X
Whatcom	Underground Sewer & Water Power Equipment Operators-	Power Plant	\$81.51	15.1	11G	8X
Whatcom	Underground Sewer & Water Power Equipment Operators-	Pumps - Water	\$81.51	151	11G	8X
Whatcom	Underground Sewer & Water Power Equipment Operators-	Quad 9, Hd 41, D10 And Over	\$86.69	151	11G	8X
Whatcom	Underground Sewer & Water Power Equipment Operators-	Quick Tower: no cab, under 100 feet in	\$85.93	151		
	Underground Sewer & Water	height base to boom			11G	8X
Whatsom	Power Equipment Operators- Underground Sewer & Water	Remote Control Operator On Rubber Tired Earth Moving Equipment	\$86.69	15J	11G	8X
Whatcom	Power Equipment Operators- Underground Sewer & Water	Rigger and Bellman	\$82.59	ZA	11H	<u>8x</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Rigger/Signal Person, Bellman(Certified)	\$86.36	ZA	11H	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Rollagon	\$86.69	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Roller, Other Than Plant Mix	\$81.51	<u>15J</u>	<u>11G</u>	<u>8X</u>

Whatcom	Power Equipment Operators- Underground Sewer & Water	Roller, Plant Mix Or Multi-lift Materials	\$85.27	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Roto-mill, Roto-grinder	\$85.93	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Saws - Concrete	\$85.27	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Scraper, Self Propelled Under 45 Yards	\$85.93	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Scrapers - Concrete & Carry All	\$85.27	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Scrapers, Self-propelled: 45 Yards And Over	\$86.69	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Shotcrete/Gunite Equipment	\$81.51	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoe, Tractors Under 15 Metric Tons	\$85.27	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoe: Over 30 Metric Tons To 50 Metric Tons	\$86.69	<u>15J</u>	<u>11G</u>	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes, Tractors: 15 To 30 Metric Tons	\$85.93	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 50 Metric Tons To 90 Metric Tons	\$87.59	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Shovel, Excavator, Backhoes: Over 90 Metric Tons	\$88.47	151	11G	<u>8x</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Slipform Pavers	\$86.69	151	11G	<u>8x</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Spreader, Topsider & Screedman	\$86.69	<u>15J</u>	11G	<u>8x</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Subgrader Trimmer	\$85.93	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Tower Bucket Elevators	\$85.27	<u>15J</u>	11G	<u>8x</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Tower Crane: over 175' through 250' in height, base to boom	\$89.60	ZA	11H	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Tower crane: up to 175' in height base to boom	\$88.67	ZA	<u>11H</u>	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Tower Cranes: over 250' in height from	\$90.46	<u>7A</u>	<u>11H</u>	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	base to boom Transporters, All Track Or Truck Type	\$86.69	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Trenching Machines	\$85.27	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Truck Crane Oiler/Driver: 100 tons and	\$87.03	<u>7A</u>	<u>11H</u>	<u>8X</u>
Whatcom	Power Equipment Operators-	Truck crane oiler/driver: under 100	\$86.36	<u>7A</u>	<u>11H</u>	<u>8X</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	tons Truck Mount Portable Conveyor	\$85.93	<u>15J</u>	11G	<u>8X</u>
Whatcom	Underground Sewer & Water Power Equipment Operators-	Vac Truck (Vactor Guzzler, Hydro	\$85.93	<u>15J</u>	11G	<u>8X</u>
Whatcom	Underground Sewer & Water Power Equipment Operators- Underground Sewer & Water	Excavator) Welder	\$86.69	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Wheel Tractors, Farmall Type	\$81.51	<u>15J</u>	11G	<u>8X</u>
Whatcom	Power Equipment Operators- Underground Sewer & Water	Yo Yo Pay Dozer	\$85.93	151	11G	<u>8X</u>
Whatcom	Power Line Clearance Tree Trimmers	Journay Level In Charge	\$64.20	5.4	44	
Whatcom	Power Line Clearance Tree Trimmers Power Line Clearance Tree Trimmers	Journey Level In Charge	\$60.74	<u>5A</u>	<u>4A</u>	
Whatcom	Power Line Clearance Tree Trimmers Power Line Clearance Tree Trimmers	Spray Person	\$64.20	<u>5A</u>	<u>4A</u>	
Whatcom	Power Line Clearance Tree Trimmers Power Line Clearance Tree Trimmers	Tree Equipment Operator Tree Trimmer	\$57.29	<u>5A</u> <u>5A</u>	4A 4A	
Whatcom	Power Line Clearance Tree Trimmers	Tree Trimmer Groundperson	\$43.05	5A	4A	
Whatcom	Refrigeration & Air Conditioning Mechanics	Journey Level	\$100.35	6Z	1G	
Whatcom	Residential Brick Mason	Journey Level	\$71.82	<u>7E</u>	<u>1N</u>	
Whatcom	Residential Carpenters	Journey Level	\$31.89		1	
Whatcom	Residential Cement Masons	Journey Level	\$35.24		1	
Whatcom	Residential Drywall Applicators	Journey Level	\$26.00		1	
Whatcom	Residential Drywall Tapers	Journey Level	\$27.18		1	
Whatcom	Residential Electricians	Journey Level	\$47.21	ZE	1D	
TTHACCOIN	THE STREET CHECK PERSON	Southey Level	241.21	- 45	15	

	la company of		*			
Whatcom	Residential Glaziers	Journey Level	\$16.66		1	
Whatcom	Residential Insulation Applicators	Journey Level	\$18.03		1	
Whatcom	Residential Laborers	Journey Level	\$28.59		1	
Whatcom	Residential Marble Setters	Journey Level	\$71.82	<u>7E</u>	1N	
Whatcom	Residential Painters	Journey Level	\$30.34		1	
Whatcom	Residential Plumbers & Pipefitters	Journey Level	\$40.83		1	
Whatcom	Residential Refrigeration & Air	Journey Level	\$55.37	<u>5A</u>	<u>1G</u>	
	Conditioning Mechanics					
Whatcom	Residential Sheet Metal Workers	Journey Level (Field or Shop)	\$56.70	ZJ	11	
Whatcom	Residential Soft Floor Layers	Journey Level	\$30.31		1	
Whatcom	Residential Sprinkler Fitters (Fire	Journey Level	\$19.32		1	
Whater	Protection)	Journey Level	\$71.82	70	411	
Whatcom	Residential Stone Masons			<u>7E</u>	<u>1N</u>	
Whatcom	Residential Terrazzo Workers	Journey Level	\$16.66		1	
Whatcom	Residential Terrazzo/Tile Finishers	Journey Level	\$18.09		1	
Whatcom	Residential Tile Setters	Journey Level	\$16.66		1	
Whatcom	Roofers	Journey Level	\$67.45	<u>5A</u>	<u>3H</u>	
Whatcom	Roofers	Using Irritable Bituminous Materials	\$70.45	<u>5A</u>	<u>3H</u>	
Whatcom	Sheet Metal Workers	Journey Level (Field or Shop)	\$96.46	<u>ZE</u>	<u>1E</u>	
Whatcom	Shipbuilding & Ship Repair	New Construction Boilermaker	\$58.93	<u>7X</u>	<u>4J</u>	
Whatcom	Shipbuilding & Ship Repair	New Construction Carpenter	\$51.85	<u>7X</u>	<u>4J</u>	
Whatcom	Shipbuilding & Ship Repair	New Construction Crane Operator	\$43.00	<u>7V</u>	1	
Whatcom	Shipbuilding & Ship Repair	New Construction Electrician	\$58.98	<u>7X</u>	<u>4J</u>	
Whatcom	Shipbuilding & Ship Repair	New Construction Heat & Frost Insulator	\$91.81	<u>15H</u>	11C	
Whatcom	Shipbuilding & Ship Repair	New Construction Laborer	\$58.60	<u>7X</u>	<u>4J</u>	
Whatcom	Shipbuilding & Ship Repair	New Construction Machinist	\$58.79	ZX	4.1	
Whatcom	Shipbuilding & Ship Repair	New Construction Operating Engineer	\$43.00	77	1	
Whatcom	Shipbuilding & Ship Repair	New Construction Painter	\$58.72	7X	<u>4J</u>	
Whatcom	Shipbuilding & Ship Repair	New Construction Pipefitter	\$59.07	7X	4J	
Whatcom	Shipbuilding & Ship Repair	New Construction Rigger	\$58.93	7X	4J	
Whatcom	Shipbuilding & Ship Repair	New Construction Sheet Metal	\$58.68	7X	41	
Whatcom	Shipbuilding & Ship Repair	New Construction Shipwright	\$51.85	7X	4J	
Whatcom	Shipbuilding & Ship Repair	New Construction Warehouse/Teamster	\$43.00	<u>7V</u>	1	
Whatcom	Shipbuilding & Ship Repair	New Construction Welder / Burner	\$58.93	ZX	41	
Whatcom	Shipbuilding & Ship Repair	Ship Repair Boilermaker	\$58.93	ZX	4J	
Whatcom	Shipbuilding & Ship Repair	Ship Repair Carpenter	\$51.85	7X	4J	
Whatcom	Shipbuilding & Ship Repair	Ship Repair Crane Operator	\$45.06	7 <u>Y</u>	4K	
Whatcom	Shipbuilding & Ship Repair	Ship Repair Electrician	\$58.98	<u>7X</u>	4J	
Whatcom	Shipbuilding & Ship Repair	Ship Repair Heat & Frost Insulator	\$91.81	15H	11C	
Whatcom	Shipbuilding & Ship Repair	Ship Repair Laborer	\$58.60	7X	4J	
Whatcom	Shipbuilding & Ship Repair	Ship Repair Machinist	\$58.79	7X	4J	
Whatcom	Shipbuilding & Ship Repair		\$45.06	7 <u>/ ^</u>	4 <u>5</u>	
Whatcom		Ship Repair Operating Engineer	\$58.72			
Whatcom	Shipbuilding & Ship Repair Shipbuilding & Ship Repair	Ship Repair Painter Ship Repair Pipefitter	\$59.07	<u>7X</u>	<u>4J</u> 4J	
				<u>7X</u>		-
Whatcom	Shipbuilding & Ship Repair	Ship Repair Rigger Ship Repair Sheet Metal	\$58.93	7X	4J	
Whatcom	Shipbuilding & Ship Repair		\$58.68	<u>7X</u>	<u>4J</u>	-
Whatcom	Shipbuilding & Ship Repair	Ship Repair Washauta / Tanastas	\$51.85	<u>7X</u>	<u>4J</u>	-
Whatcom	Shipbuilding & Ship Repair	Ship Repair Warehouse / Teamster	\$45.06	<u>7Y</u>	<u>4K</u>	
Whatcom	Sign Makers & Installers (Electrical)	Journey Level	\$16.66		1	-
Whatcom	Sign Makers & Installers (Non- Electrical)	Journey Level	\$16.66		1	
Whatcom	Soft Floor Layers	Journey Level	\$63.29	<u>15J</u>	<u>4C</u>	
Whatcom	Solar Controls For Windows	Journey Level	\$16.66		1	
Whatcom	Sprinkler Fitters (Fire Protection)	Journey Level	\$75.89	<u>7J</u>	<u>1R</u>	
Whatcom	Stage Rigging Mechanics (Non Structural)	Journey Level	\$16.66		1	
Whatcom	Stone Masons	Journey Level	\$71.82	<u>7E</u>	<u>1N</u>	
Whatcom	Street And Parking Lot Sweeper Workers	Journey Level	\$16.66		1	
Whatcom	Surveyors	Assistant Construction Site Surveyor	\$86.36	<u>7A</u>	11H	8X
Whatcom	Surveyors	Chainman	\$82.59	ZA	11H	<u>8X</u>
Whatcom	Surveyors	Construction Site Surveyor	\$87.82	ZA	11H	8X
	200.151502	conscionation site surveyor	201.02			70

Whatcom	Surveyors	Drone Operator (when used in conjunction with survey work only)	\$82.59	ZA	11H	<u>8X</u>
Whatcom	Surveyors	Ground Penetrating Radar Operator	\$82.59	ZA	11H	8X
Vhatcom	Telecommunication Technicians	Telecom Technician Journey Level	\$58.51	5B	1B	
Vhatcom	Telephone Line Construction - Outside	Cable Splicer	\$41.35	5A	2B	
Vhatcom	Telephone Line Construction - Outside	Hole Digger/Ground Person	\$27.31	5A	2B	
Whatcom	Telephone Line Construction - Outside	Telephone Equipment Operator (Light)	\$34.53	5A	2B	
Whatcom	Telephone Line Construction - Outside	Telephone Lineperson	\$39.07	5A	2B	
Whatcom	Terrazzo Workers	Journey Level	\$67.51	<u>7E</u>	1N	
Whatcom .	Tile Setters	Journey Level	\$65.51	<u>7E</u>	<u>1N</u>	
Whatcom	Tile, Marble & Terrazzo Finishers	Finisher	\$56.34	<u>7E</u>	<u>1N</u>	
Whatcom	Traffic Control Stripers	All cleanup required in connection with traffic control stripers work (Group 1)	\$92.44	<u>15L</u>	<u>1K</u>	
Whatcom	Traffic Control Stripers	Handling, painting and installing of all car stops, stop signs and any other type sign (Group 2)	\$62.69	<u>15L</u>	1 <u>K</u>	
Whatcom	Traffic Control Stripers	Installation of guard rail and posts and similar protective devices (Group 2)	\$62.69	<u>15L</u>	1 <u>K</u>	
Whatcom	Traffic Control Stripers	Installation of parking gates, ticket spitters and other mechanical and automatic control devices (Group 2)	\$62.69	<u>15L</u>	<u>1K</u>	
Whatcom	Traffic Control Stripers	Installation of plastic metal or composition button, or lines used instead of paint (Group 1)	\$92.44	<u>15L</u>	<u>1K</u>	
Whatcom	Traffic Control Stripers	Line removal; chemical sand and hydro-blast, paint and button (Group 1)	\$92.44	<u>15L</u>	1 <u>K</u>	
Whatcom	Traffic Control Stripers	Manufacturing and installation of all car stops and control devices and similar traffic regulators (Group 2)	\$62.69	<u>15L</u>	1 <u>K</u>	
Whatcom	Traffic Control Stripers	Manufacturing, painting, stenciling, servicing, repairing, placing and removal of traffic safety and control devices/barricades (Group 2)	\$62.69	<u>15L</u>	1 <u>K</u>	
Whatcom	Traffic Control Stripers	Painting and installing lines, arrows, bumpers, curbs, etc., on parking lots, air fields, highways, game courts (Group 1)	\$92.44	<u>15L</u>	1 <u>K</u>	
Whatcom	Traffic Control Stripers	Preparation and maintenance of all surfaces (Group 1)	\$92.44	<u>15L</u>	1 <u>K</u>	
Whatcom	Traffic Control Stripers	Seal coating, slurry coating and other surface protection (Group 2)	\$62.69	<u>15L</u>	1 <u>K</u>	
Whatcom	Truck Drivers	Asphalt Mix Over 16 Yards	\$78.65	<u>15J</u>	11M	8L
Whatcom	Truck Drivers	Asphalt Mix To 16 Yards	\$77.81	<u>15J</u>	11M	<u>8L</u>
Whatcom	Truck Drivers	Dump Truck	\$77.81	15J	11M	<u>8L</u>
Whatcom	Truck Drivers	Dump Truck & Trailer	\$78.65	15J	11M	<u>8L</u>
Whatcom	Truck Drivers	Other Trucks	\$78.65	15J	11M	<u>8L</u>
Whatcom	Truck Drivers - Ready Mix	Transit Mix	\$78.65	<u>15J</u>	11M	<u>8L</u>
Whatcom	Well Drillers & Irrigation Pump Installers	Irrigation Pump Installer	\$16.66		1	
Whatcom	Well Drillers & Irrigation Pump Installers	Oiler	\$16.66		1	
Whatcom	Well Drillers & Irrigation Pump Installers	Well Driller	\$18.02		1	

APPENDIX E – Sample Contract DocumentsThis page has been left intentionally blank – please see following page(s).

CONTRACT FOR:

METALWORKS RESTROOM ELECTRICAL PROJECT FERNDALE, WASHINGTON

Fern	Contract, made and entered into this day of, 2025 by and between the City of dale, hereinafter called the "Owner" and, hereinafter d the "Contractor".
WIT	NESSETH:
	in consideration of the terms and conditions contained herein and attached and made a part is Contract, the parties hereto covenant and agree as follows:
1.	The Contractor shall do all of the work and furnish all of the labor, materials, tools and equipment for the construction of the improvements and shall perform any changes in the work, all in full compliance with the contract documents entitled "METALWORKS RESTROOM ELECTRICAL PROJECT, Ferndale, Washington".
	The "Bid Proposal", "Specifications and Conditions", "Contract Forms", and the "Plans' sections contained in said contract documents are hereby referred to and by reference made a part hereof.
2.	The Owner hereby promises and agrees with the Contractor to employ, and does employ the Contractor to furnish the labor, materials, tools and equipment, and to and cause to be done the above-described work, and to complete and finish the same in accordance with the said contract documents and the terms and conditions herein contained, and hereby contracts to pay for the same, according to the said contract documents, including the schedule of estimated quantities, and unit and lump sum prices in the Bid Proposal, the approximate sum of, the total amount of bid, subject to the actual quantity of work performed, at the time and in the manner and upon the conditions provided for in this contract.
3.	The Contractor for himself, and for his agents, successors, assigns, subcontractors, and/or employees, does hereby agree to the full performance of all the covenants herein contained upon the part of the Contractor.
4.	The Owner expressly reserves the right to terminate this Contract as provided in the contract documents, and also expressly the reserves the right to commence civil action for the enforcement of this contract.

6. The Contractor agrees to comply with all applicable Federal, State, City or municipal standards for the licensing, certification, operation of facilities and programs, and accreditation and licensing of individuals.

5.

Contract.

This Contract contains terms and conditions agreed upon by the parties. The parties agree

that there are no other understandings, oral or otherwise, regarding the subject matter of this

- 7. The Contractor shall not assign or subcontract any portion of the work provided for under the terms of this Contract without obtaining prior written approval of the Engineer. All terms and conditions of this Contract shall apply to any approved subcontract or assignment related to this Contract.
- 8. The parties intend that an independent Contractor-Owner relationship will be created by this Contract. The Owner is interested only in the results to be achieved; the implementation of the work will lie solely with the Contractor. The Contractor will be solely and entirely responsible for its acts and for the acts of its agents, employees, servants, subcontractors, or otherwise during the performance of this Contract. In the performance of the work herein contemplated, the Contractor is an independent Contractor with regard to the performance of the details of the work; however, the components of and the results of the work contemplated herein must meet the approval of the Engineer and shall be subject to the Engineer's general rights of inspection and review to secure the satisfactory completion thereof.
- 9. The Contractor agrees and covenants to indemnify, defend, and save harmless, the Owner and the City of Ferndale and those persons who were, now are, or shall be duly elected or appointed officials or members of employees thereof, hereinafter referred to as the "Owner" or "City" against and from any loss, damage, costs, charge, expense, liability, claims, demands or judgments, of whatsoever kind or nature, whether to persons or to property, arising wholly or partially out of any act, action, neglect, omission, or default on the part of the Contractor, his agents, successors, assignees, subcontractors and/or employees, except only such injury or damage as shall have been caused by or resulted from the sole negligence of the City. In case any suit or cause of action shall be brought against the Owner or the City on account of any act, action, neglect, omission, or default on the part of the Contractor, his agents, successors, assignees, subcontractors and/or employees the Contractor hereby agrees and covenants to assume the defense thereof and to pay any and all costs, charges, attorney's fees and other expenses and any and all judgments that may be incurred or obtained against the City.

In the event the Owner is required to institute legal action and/or participate in the legal action to enforce this Indemnification and Hold Harmless Clause, the Contractor agrees to pay the Owner or City's legal fees, costs and disbursements incurred in establishing the right to indemnification. If the claim, suit, or action for injuries, death, or damages as provided for in the preceding paragraphs of this specification is caused by or results from the concurrent negligence of (a) the indemnitee or the indemnitee's agents or employees and (b) the indemnitor or the indemnitor's agents for employees the indemnity provisions provided for in the preceding paragraphs of this specification shall be valid and enforceable only to the extent of the indemnitor's negligence.

Contractor hereby specifically and expressly waives any immunity under Industrial Insurance, Title 51 RCW and acknowledges that this waiver was mutually negotiated by the parties herein. In the event of litigation between the parties to enforce the rights under this paragraph, reasonable attorney's fees shall be allowed to the prevailing party.

10. This Contract has been and shall be construed as having been made and delivered within the State of Washington and it is mutually understood and agreed by each party hereto that this

Contract shall be governed by the laws of the State of Washington, both as to interpretation and performance. Any action in law, suit and equity or judicial proceedings for the enforcement of this contract, or any provisions thereof, shall be instituted and maintained in the courts of competent jurisdiction located in City of Ferndale, Washington.

- 11. The failure of the Owner to insist upon strict performance of any of the covenants and agreements of this Contract or to exercise any option herein conferred in any one or more instances shall not be construed to be a waiver or relinquishment of any such, or any other covenants or agreements, but the same shall be and remain in full force and effect.
- 12. It is understood and agreed by the parties hereto that if any part of this agreement is determined to be illegal, the validity of the remaining portions shall be construed as if the agreement did not contain the particular illegal part.
- 13. No change or addition to this Contract shall be valid or binding upon either party unless such change or addition shall be in writing, executed by both parties.
- 14. In the event that funding from State, Federal, or other sources is withdrawn, reduced, or limited in any way after the effective date of this Agreement, and prior to its normal completion, the Owner may summarily terminate this Agreement as to the funds withdrawn, reduced, or limited notwithstanding any other termination provisions of this Agreement. If the level of funding withdrawn, reduced or limited is so great that the Owner deems that the continuation of the programs covered by this Agreement is no longer in the best interest of the City, the Owner may summarily terminate this Agreement in whole notwithstanding any other termination of this Agreement. Termination under this section shall be effective upon receipt of written notice as specified herein.

IN WITNESS WHEREOF, the Contractor has executed this instrument on the day and year first below written and the Owner has caused this instrument to be executed by and in the name of the said County, the day and year first above written.

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Executed by the Contractor this	day of, 2025.
CITY OF FERNDALE:	
By:	
City Administrator / Mayor	
STATE OF WASHINGTON)	
appeared	

NOTARY PUBLIC, in and for the State of Washington, residing at:

	My Commission Expires:
CONTRACTOR:	
By:	
Title:	
STATE OF WASHINGTON)	
COUNTY OF WHATCOM)	
On this day of to me personally known to be the person described who acknowledged to me the act of signing thereon	
	NOTARY PUBLIC, in and for the State of Washington, residing at:
	My Commission Expires:

CITY OF FERNDALE RETAINAGE INVESTMENT OPTION

CONTRACT	TOR:
PROJECT N	AME:
DATE:	
held and inve	Chapter 60.28 RCW, you may choose how your retainage under this contract will be ested. Please complete and sign this form indicating your preference. If you fail to ity of Ferndale (City) will hold your retain age as described in "Current Expense", ow.
1.	<u>Current Expense</u> : The City will retain your money in its Current Expense Fund Account until thirty days following final acceptance of the improvement or work as completed. You will not receive interest earned on this money.
2.	Interest Bearing Account: The City will deposit retainage checks in an interest-bearing account in a bank, mutual savings bank, or savings and loan association, not subject to withdrawal until after the final acceptance of the improvement or work as completed or until agreed to by both parties. Interest on the account will be paid to you. **BONDS AND SECURITIES ACCEPTABLE BY THE CITY OF FERNDALE:** 1. Bills, certificates, notes, or bonds of the United States. 2. Other obligations of the United States or its agencies. 3. Indebtedness of the Federal national Mortgage Association. 4. Time Deposits in commercial banks. Designate below the type of investment selected:
3.	Bond-in-Lieu: With the consent of the City, the contractor may submit a bond for all or any portion of the amount of funds retained by the City in a form acceptable to the City and from a bonding company meeting standards established by the City, if any. Unless otherwise indicated, the contractor elects to submit a bond for the entire 5% retainage amount. Such bond and any proceeds there from shall be made subject to all claims and liens and in the same manner and priority as set forth for retained percentages in Chapter 60.28 RCW. Whenever the City accepts a bond-in-lieu of retained funds from a contractor, the contractor shall accept like bonds from any subcontractors or suppliers from which the contractor has retained funds. The contractor shall then release the funds retained from the subcontractor or supplier, to the subcontractor or supplier, within thirty days of the contractor's receipt of the retained funds from the City.

Retainage is normally released 30 - 45 days after final acceptance of work by the City or following

(Contractor's Signature)	Date
Title:	
. MEORINIA.	

receipt Employment Security / Department of Revenue clearance, whichever takes longer.