

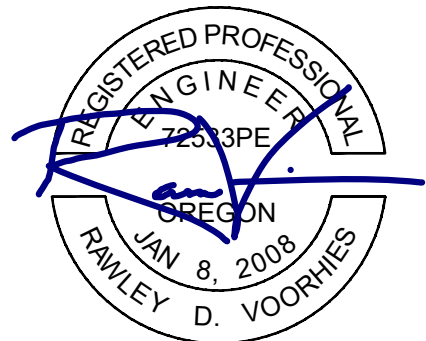
**CONTRACT DOCUMENTS
FOR THE
CONSTRUCTION OF**

**SE STEPHENS WATER MAIN REPLACEMENT
PROJECT NO. 23WA12**



**CITY OF ROSEBURG
PUBLIC WORKS DEPARTMENT
DOUGLAS COUNTY, OREGON**

**PREPARED BY:
Rawley Voorhies, P.E.
Century West Engineering
5500 Meadows Road, Suite 250
Lake Oswego, OR 97035
(503) 740-8444**



EXPIRES: 6/30/24

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**CITY OF ROSEBURG
ADVERTISEMENT FOR BID**

Project Name: SE Stephens Water Main Replacement

Project Number: 23WA12

Project Description: The proposed work consists of water line replacement in the City of Roseburg. Approximately 2,700 lineal feet of 12" water main on SE Stephens Street, along with approximately 450 lineal feet of water main connections at side streets. Approximately 850 lineal feet of sewer line will be added along SE Stephens Street at SE Mosher Avenue and SE Cass Avenue.

Bids are due by 2:00 p.m. on July 2, 2024

All bids will be opened at 2:00 p.m.

Additional forms disclosing first tier subcontractors are due by 4:00 p.m.

No bids shall be received after this date and time.

Contact – Submit bids to:
City of Roseburg City Recorder
900 SE Douglas
Roseburg OR 97470
(541) 492-6866
bids@cityofroseburg.org

Address Technical Questions to:
Rawley Voorhies, P.E., Century West Engr.
5500 Meadows Road, Suite 250
Lake Oswego, OR 97035
(503) 740-8444
rvoorhies@centurywest.com

SOLICITATION DOCUMENTS: Solicitation documents, including contract terms, conditions, specifications, all attachments and/or addenda for the Invitation to Bid are available for review at the above contact address. Bid documents will not be mailed to prospective bidders, but may be downloaded from OregonBuys through the following internet address: <https://www.oregon.gov/das/Procurement/Pages/oregonbuys.aspx>. Bidders without access to OregonBuys may download the documents at a Plan Center or the City of Roseburg's website at www.cityofroseburg.org under "Bidding Opportunities."

Bidders must be pre-qualified in accordance with the laws of Oregon and the Information to Bidders at least ten days prior to the date of bid opening, Bidders must be licensed with the Oregon Construction Contractors Board and comply with City of Roseburg Municipal Code.

The resulting public works contract is subject to ORS 279C.800 to 279C.870 or the Davis-Bacon Act (40 U.S.C. 3141 to 3148). No bid will be considered unless the bid contains a statement that the bidder will comply with the provisions of ORS 279C.840 (Prevailing Wage Rates).

INVITATION TO BID

The City of Roseburg will receive sealed bids or bids submitted via email marked "**Bid for SE Stephens Water Main Replacement, Project No. 23WA12**" until the hour of 2:00 p.m. on Tuesday, July 2, 2024, at which time they will be publicly opened and read in person or virtually. If opened virtually, a link will be posted on the City's website at <https://www.cityofroseburg.org/bidding> no later than 24 hours prior to the opening. When required by ORS 279C.370, bidders must submit a list of their first-tier subcontractors providing labor, or labor and materials, no later than 4:00 p.m. that same day. Bids shall be addressed and delivered to Amy Nytes, City Recorder, City Hall, 900 SE Douglas Avenue, Roseburg, Oregon 97470, or emailed to bids@cityofroseburg.org. Any and all bids received after the 2:00 p.m. deadline for submission, or for which the list of first-tier subcontractors has not been submitted by 4:00 p.m. that same day, shall be considered nonresponsive and returned to the bidder. All bidders must list their "Construction Contractors Board" or "State Landscape Contractors Board" license number as required by ORS 701.021 or 671.530 on the bid form.

The proposed work generally consists of furnishing all labor, equipment, materials and supervision for the construction of 2,700± lineal feet of 12" water main on SE Stephens Street, along with approximately 450± lineal feet of water main connections at side streets. Approximately 850± lineal feet of sewer line will be added along SE Stephens Street at SE Mosher Avenue and SE Cass Avenue. The bids will be evaluated as **unit price pursuant to OAR 137-049-0380(2)(b)]**. The proposed work will require the bidder to meet the highest standards prevalent in the industry or business related to the work to be performed. Failure to meet such standards may result in a reduction or withholding of payment; require bidder to provide, at bidder's own expense, additional work required to meet such standards; or termination of the contract, with damages being sought. Technical questions regarding the work to be performed should be addressed to: Rawley Voorhies, P.E., Century West Engineering, 5500 Meadows Road Suite 250, Lake Oswego, OR 97035, Phone (503) 419-2132.

Bids must be accompanied by a certified check, cashier's check, irrevocable letter of credit or Bid Bond in an amount equal to not less than ten percent (10%) of the total amount of the bid. Bidders shall state as part of the bid that the provisions of ORS 279C.800 to 279C.870 (Prevailing Wage Rates) shall be complied with; provided however, if the project is subject to the federal prevailing rates of wage under the Davis-Bacon Act (40 U.S.C. 3141 et seq.) or if the project is subject to both the state and federal prevailing rates of wage, the bid must contain a statement by the bidder that contractor and every subcontractor shall pay the higher of the applicable state or federal prevailing rate of wage to all workers on the project. Bidders must also certify as part of the bid that the requirements of ORS 279C.505(2) (Employee Drug Testing Program) shall be complied with. Bidders must be pre-qualified in accordance with the laws of Oregon and the Information to Bidders. Each bid must contain a statement as to whether the bidder is a resident bidder, as defined in ORS 279A.120. Bidders are not required to be licensed under ORS 468A.720 (Asbestos Abatement). However, the successful bidder shall at all times during the project provide qualified staff on site that is able to identify asbestos containing material. Bidders are hereby notified there are underground pipelines and structures containing asbestos within the City of Roseburg. If any such material is encountered during the project, the bidder shall thereupon be required to notify the City and comply with all requirements of applicable laws and regulations. Unless exempt under ORS 279C.800 to 279C.870, the successful bidder must file a \$30,000 Public Works Bond with the Construction

Contractors Board prior to beginning work on the project, and certify that all sub-contractors have also filed such bond. Bidders must agree to use recyclable products to the maximum extent financially feasible. **Bidders with 50 or more employees and for contracts over \$500,000, are required to possess a certificate issued by the Department of Administrative Services for completion of pay equity training (NEW).**

The City of Roseburg may reject any bid not in compliance with all public bidding procedures and requirements, including the requirement to demonstrate the bidder's responsibility under ORS 279C.375(3)(b), may waive any irregularities, and may reject for good cause any or all bids upon a finding of the City it is the public interest to do so. The City may also cancel this invitation in accordance with OAR 137-049-0270.

Dated this 11th day of June, 2024.

CITY OF ROSEBURG, DOUGLAS COUNTY, OREGON
/s/ Amy Nytes, City Recorder

INFORMATION TO BIDDERS

1. FORM OF BID

All bids must be made upon the blank Bid Form attached hereto and must give a price for each item and an aggregate amount or a lump sum price as required in the Bid Form.

The City reserves the right to reject any or all bids or to accept the bid deemed in the best interest of the City. Without limiting the generality of the foregoing, the City may reject any bid which is incomplete, obscure or irregular; which omits any one or more items in the price sheet; in which unit prices are obviously unbalanced; or which is accompanied by an insufficient or irregular Bid Bond.

The bidder shall sign the Bid Form in the blank space provided therefore. All bids must contain the bidder's tax identification number. Bids made by a corporation, general or limited partnership, or L.L.C., shall contain the name and address of such organization, together with names and addresses of officers, partners or managing members. If the bid is made by a corporation, it must be signed by one of the corporate officers with the authority to sign for the corporation; if made by a partnership, by one of the partners.

All bids must be submitted at the time and place, and in the manner prescribed in the Invitation to Bid.

2. BID PROTEST; REQUEST FOR CHANGE OR CLARIFICATION

A bidder may protest, or request a change in items in the bid documents, including contract terms and conditions or specifications, by filing a written protest with the City not less than ten (10) calendar days prior to the bid submission deadline. Such written protest or request for change must include a detailed statement of the grounds for the protest and a statement of the desired changes to the contract terms and conditions or specifications.

The City shall not consider a bidder's protest or request for change after the deadline for submitting such protest or request. The City shall provide notice to the bidder if it entirely rejects the bidder's protest or request for change. If the City agrees with the bidder's protest or request, in whole or in part, the City shall issue a written Addendum to the bid documents or specifications.

Prior to the deadline for submitting a written protest or request for change, a bidder may request that the City clarify any provision of the bid documents. The City's clarification to a bidder, whether orally or in writing, shall not change the bid documents and is not binding on the City unless the City amends the bid documents by issuing a written addendum.

If a written addendum is issued by the City, all bidders must provide written acknowledgement, with their bids, of receipt of all issued addenda.

3. CONTRACT DOCUMENTS

The Contract Documents for this Project consist of, but are not necessarily limited to, the Invitation to Bid, Information to Bidders, Bid Form, Construction Contract including Exhibit "A" Standard City Contract Provisions, First-Tier Subcontractor Disclosure Form, Drug Testing Program Certification Form, Bidder's Responsibility Form, Performance Bond, Payment Bond, Public Works Bond Filing Certification form (when required), Pay Equity Compliance Certification (when applicable), General Conditions, Technical Provisions, Special Conditions, Standard Drawings, Specifications and Plans and Supplemental Specifications, all as required for the full execution and satisfactory completion of the Project. Any person contemplating the submission of a bid and being in doubt as to the meaning or intent of said Contract Documents should request of the City, in writing, an interpretation thereof. Any interpretation of said Contract Documents shall be made only in writing by the City.

4. ESTIMATE OF QUANTITIES

The estimate of quantities of work to be done as stated in the Bid Form, although stated with as much accuracy as possible, is approximate only and is assumed solely for the purpose of comparing bids. The quantities on which payments will be made to the Contractor are to be determined by measurement of the work actually performed and paid at the unit price bid, regardless of the amount of increase or decrease in the estimated quantities as specified in the Contract Documents. The City reserves the right to increase or diminish the amount of any class of work as may be deemed necessary.

5. CONSTRUCTION CONTRACTORS' BOARD - STATE LANDSCAPE CONTRACTORS' BOARD

All contractors bidding on public contracts must be licensed with the Construction Contractors' Board or the State Landscape Contractors Board as required by ORS 701.021 or 671.530. Bids must be identified with the Contractors' Board license number. No bids will be considered without this information.

6. DISCLOSURE OF FIRST-TIER SUBCONTRACTORS

When a public improvement contract value is greater than \$100,000, all bidders are required to disclose information about first-tier subcontractors, providing labor or labor and materials, when the contract amount of such first-tier subcontractor is equal to or greater than:

- 1) 5% of the project bid, or \$15,000, whichever is greater; or
- 2) \$350,000 regardless of the percentage of the total bid.

Bidders must disclose the following information about such subcontracts, on the First-Tier Subcontractor Disclosure Form provided by the City and included herein, within two hours of the bid submission deadline:

- 1) The subcontractor's name;

- 2) The subcontract dollar value; and
- 3) The category of work to be performed by the subcontractor.

Any bidder not using subcontractors subject to the above disclosure form, must write "NONE" on the Disclosure Form and sign and submit the form. The City will reject a bid if the bidder fails to submit the Disclosure Form before the deadline.

7. DRUG TESTING PROGRAM

ORS 279C.505(2) requires public improvement contracts to include a provision requiring contractors to demonstrate that they have an employee drug and alcohol testing program in place. All bidders are required to certify, on the Drug Testing Program Certification Form provided by the City and included herein, that they have such program in place. This certification will become part of the Contract if awarded and contractor will be required to maintain such program throughout the performance of the Contract. Failure to maintain a program shall constitute a material breach of the Contract.

8. PROMPT PAY POLICY - TIMELY PROGRESS PAYMENTS

ORS 279C.570 and 279C.580 require prompt payment to contractors and subcontractors and provides for settlement of compensation disputes between the parties. The City is required to automatically calculate and pay interest on invoices from the contractor when payments become overdue. The interest commences thirty (30) calendar days after receipt of the invoice from the contractor, or fifteen (15) calendar days after the payment is approved by the City, whichever is earlier. The rate of interest charged to the City on the amount due shall equal three times the discount rate on 90-day commercial paper, but shall not exceed 30 percent.

The City is also required to ensure that the contractor includes a clause in each subcontract that obligates the contractor to pay first-tier subcontractors for satisfactory performance under its contract. Contractors must pay subcontractors within ten (10) calendar days of receiving payment from the City. Contracts between primary contractors and subcontractors must also contain an interest penalty clause that obligates the contractor, if payment is not made to the subcontractor within thirty (30) calendar days after receipt of payment from the City, to pay the first-tier subcontractor an interest penalty on amounts due in the case of each payment not made in accordance with the subcontract payment clause. The contractor is also required to ensure that first-tier subcontractors include these requirements in each of its subcontracts with lower-tier subcontractors or suppliers.

If requested in writing by a first-tier subcontractor, within ten (10) calendar days after receiving the request, the contractor must provide the first-tier subcontractor, a copy of that portion of any invoice or request for payment submitted to the City, or pay document provided by the City to the contractor, specifically related to any labor or materials supplied by the first-tier subcontractor.

9. PRE-QUALIFICATION OF BIDDERS

When required, bidders shall pre-qualify under ORS 279C.430 and 279C.435, by completing the Oregon Department of Transportation (ODOT) Prequalification Application online at:

https://www.oregon.gov/odot/business/procurement/pages/bid_award.aspx

Proof of prequalification shall be submitted to the City at least ten (10) calendar days prior to the date of bid opening.

10. BID BOND, PUBLIC WORKS BOND, PAYMENT BOND AND PERFORMANCE BOND

A Bid Bond, Public Works Bond Filing Certification, Payment Bond and Performance Bond shall be provided as specified in Subsection 5.4 of the General Conditions. No waivers, special requirements or emergency provisions have been established for this Contract.

11. PAY EQUITY COMPLIANCE CERTIFICATION (NEW)

ORS 279A.167 requires businesses with fifty (50) or more employees, and a contract valued at more than \$500,000, to provide proof they are properly trained on Oregon's pay equity laws. A certificate proving the contractor has completed the training shall be provided as specified in Subsection 26 of the "Bid Form".

12. HIGHEST STANDARDS OF WORK AND CONSEQUENCES FOR FAILURE

The work to be performed must meet the highest standards prevalent in the industry or business most closely related to the work to be performed. Failure to meet such standards may result in consequences including, but not limited to a reduction or withholding of payment; a requirement that bidder perform, at bidder's own expense, additional work required to meet such standards; or termination of the contract, with damages being sought.

13. CONDITIONS OF WORK

Bidders must make their own determination of the nature of the work proposed under this Contract, the local conditions which can be encountered in this area, and all other matters which can in any way affect the work proposed under this Contract. It shall also be the bidder's responsibility to be thoroughly familiar with the Contract Documents. Failure to make the examination necessary for this determination or to examine any form, instrument or document of the Contract shall not release the bidder from the obligations of this Contract.

14. REVIEW OF BIDS; BASIS FOR AWARD; NOTICE OF INTENT TO AWARD; AND RIGHT TO PROTEST AWARD

In reviewing all bids received and determining the lowest responsible bidder, the City reserves the right to take into account and give reasonable weight to the extent of the bidder's experience on work of the nature involved, on the bidder's record as to dependability in carrying out of contracts, and evidence of present ability to perform the Contract in a satisfactory manner.

The City may make such investigations as deemed necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the City all such information and data for this purpose as the City may request. The City reserves the right to reject any bid if the evidence submitted by, or investigation of, such bidder fails to satisfy the City that such bidder is properly qualified to carry out the obligations of the Contract, to complete the work contemplated therein, and to do so in a timely manner. The City specifically reserves the right to reject a bid from a bidder who, at the time bids are opened, has failed to complete work in a timely manner under a contract previously awarded to the bidder by the City. Conditional bids will not be accepted.

In accordance with ORS 279A.120(2)(b), in determining the lowest responsible bidder, the City shall, for the purpose of awarding the Contract, add a percentage increase on the bid of a non-resident bidder equal to the percent, if any, of the preference given to that bidder in the state in which the bidder resides.

Within forty-five (45) calendar days after the bid opening, the City will accept one of the bids or reject all of the bids received. If the City intends to accept one of the bids, it shall issue a Notice of Intent to Award the Contract to all bidders. The City's award will not be final until seven (7) calendar days after the date of the notice if no protest is filed; or if a protest is filed, until the City provides a written response to all timely-filed protests that denies the protest and affirms the award.

A bidder may submit a formal written protest to the City's Notice of Intent to Award the Contract within seven (7) calendar days of the date of the City's Notice of Intent. The written protest must specify the grounds upon which the protest is based and must show that the protesting party is an adversely affected or aggrieved bidder. A bidder is adversely affected or aggrieved only if the bidder is eligible for award of the Contract as the responsible bidder submitting the lowest responsible bid, is next in line for award and claims that all lower bidders are ineligible for award in accordance with law.

Such protest must be submitted to the City Recorder, 900 SE Douglas, Roseburg, OR 97470 or by email at info@cityofroseburg.org. Any protest received after the 7-day deadline will not be considered. The City Recorder shall forward such protest to the City Manager who shall have the authority to settle or resolve the protest by written decision.

15. EXECUTION OF CONTRACT, BONDS AND DAMAGES FOR FAILURE TO EXECUTE

The bidder whose bid is accepted will be required to appear within ten (10) calendar days after notice that the Contract has been awarded to bidder and to execute the Contract with the City for the full and complete performance of all work specified, and as required by Subsection 5.4 of the General Conditions, deliver the Public Works Bond Filing Certification form, the Payment Bond to assure payment of the obligations incurred in the performance of the Contract and the Performance Bond and to ensure performance of the Contract.

Should the successful bidder fail or refuse to execute the Contract and furnish the Public Works Bond Filing Certification form, Payment Bond and/or Performance Bond when

required, then the Bid Bond deposited by said bidder shall be retained by the City as liquidated damages.

16. COMMENCEMENT DATE AND EXPIRATION DATE OF CONTRACT

This Contract shall be in effect from the time the Contract is signed until the Project is completed. The Contractor must be capable of commencing construction on the work contemplated in the Contract Documents within ten (10) calendar days after the execution of the Contract and receipt of the City's notification to proceed and shall complete the same within the time specified in the bid.

17. DURATION OF BIDS; RETURN OF BID BONDS

All bids will be binding until the later of:

- 1) the day the contract is executed; or
- 2) sixty (60) calendar days after the date of bid opening.

Bid bonds will be returned to unsuccessful bidders not later than the date on which the bids are no longer binding.

18. PUBLIC RECORDS

These Contract Documents and each bid received in response to it, together with copies of documents pertaining to the award of a contract shall be kept on file as a public record by the City Recorder; provided however, such records shall not be disclosed until after the notice of intent to award the contract has been issued.

19. RECORDS REVIEW; CONFIDENTIALITY

After notice of intent to award the resulting contract has been issued, all bids shall be available for public inspection except for those portions of a bid that the bidder designates in its bid as trade secrets or as confidential proprietary data in accordance with applicable state law. If the City determines such designation is not in accordance with applicable law, the City shall make those portions available for public inspection. The bidder shall separate information designated as confidential from other non-confidential information at the time of submitting its proposal. Prices, makes, models or catalog numbers of items offered, scheduled delivery dates and terms of payment are not confidential, and shall be publicly available regardless of a bidder's designation to the contrary.

20. MATERIALS CONTAINING ASBESTOS

Materials containing asbestos may be present in underground pipe systems. All appropriate Federal, State, County and Municipal rules, regulations and guidelines must be followed when working with asbestos containing material. Non friable material must be handled, transported and disposed of in a way that prevents it from becoming friable and releasing asbestos fibers. If AC pipe is shattered, damaged or badly weathered, it is considered to be friable and will likely release asbestos fibers. A DEQ licensed

asbestos abatement contractor using DEQ certified workers must remove all friable asbestos material. Any and all permits and fees that are required by the DEQ, Douglas County and any other regulatory agency must be obtained and paid for by the Contractor prior to disposing of the asbestos containing material. For information about asbestos rules, contact the DEQ Western Region office in Medford, Oregon.

BIDDER'S CHECK LIST

Bidder's attention is called to the following forms, which must be executed in full as required with the bid:

- A. BID FORM(S):** Each bidder shall complete the bid form(s). Prices must be shown in the spaces provided and must be expressed in figures.
- B. BID BOND:** This form is to be executed by bidder and bidder's Surety. The amount of cash, certified check, cashier's check, irrevocable letter of credit or Bid Bond shall not be less than 10% of the total Bid amount.
- C. FIRST-TIER SUBCONTRACTOR DISCLOSURE FORM:** When required by law, this form must be submitted by the bid submission deadline, at which time bids will be opened and read, or within two (2) working hours of such submission deadline. If no subcontractors for labor or for labor and materials will be used, the bidder must write "NONE" on the disclosure form, sign and submit the form as required. Failure to submit this form within two hours of the bid submission deadline will result in the bid becoming non-responsive and such bid will be returned to the bidder.
- D. DRUG TESTING PROGRAM CERTIFICATION FORM:** This form must be submitted with the bid to demonstrate that bidder has an employee drug and alcohol testing program in place and will continue to keep the program in place throughout the duration of performing the Contract awarded.
- E. PUBLIC WORKS BOND PRE-BID NOTICE & CERTIFICATION FORM:** This form must be submitted with the bid to demonstrate contractor's awareness of and intended compliance with the requirement to file a Public Works Bond with the Construction Contractors Board prior to beginning work on the project if awarded the bid.
- F. PAY EQUITY COMPLIANCE CERTIFICATION FORM (NEW):** If applicable pursuant to Section 11 of "Information for Bidders", this form must be submitted with the bid to demonstrate contractor has completed required training regarding pay equity and the prohibition against discrimination in compensation or wage benefits.

The following forms are to be executed after the Contract is awarded, prior to beginning work on the project:

- A. CONSTRUCTION CONTRACT:** This agreement is to be executed by the successful bidder.
- B. PERFORMANCE BOND AND PAYMENT BOND:** Both a Performance Bond and a Payment Bond are to be executed by the successful bidder and bidder's Surety Company and submitted at the time the Contract is executed.
- C. PUBLIC WORKS WAGE CERTIFICATION FORM:** This form is to be completed in accordance with state law and submitted monthly during the duration of the contract, by the fifth business day of the following month, with request for payment.
- D. CERTIFICATE OF INSURANCE:** This certificate is to be executed by the successful bidder and bidder's insurance company and submitted at the time the Contract is executed.
- E. PUBLIC WORKS BOND FILING CERTIFICATION:** This form is to be executed by the successful bidder and submitted at the time the Contract is executed to certify if

Contractor has filed the required Public Works Bond or elected not to file the Bond due to qualifying under ORS 200.055.

BID FORM

**City of Roseburg
900 SE Douglas Avenue
Roseburg, Oregon 97470**

The undersigned bidder has carefully examined the Contract Documents for the construction of the

SE Stephens Water Main Replacement
Project Number: 23WA12

referred to in the Invitation to Bid dated June 11, 2024 inviting bids on such Project and also the site of the Project. Bidder will provide all necessary labor, equipment, tools, apparatus and other means of construction, do all the work and furnish all the materials called for by said Contract Documents in the manner prescribed therein to provide a complete Project.

The undersigned bidder understands that the quantities of work as shown herein are approximate only, unless noted otherwise, and are subject to increase or decrease. The bidder offers to perform the work, at the unit price stated in the following schedule, whether the quantities are increased or decreased.

Bid Schedule					
Item No.	Description	Unit*	Estimated Quantity	Unit Price (in figures)	Estimated Total Price (in figures)
1	Mobilization - (00210)	LS	ALL	\$	\$
2	Temporary Protection and Direction of Traffic - (00221)	LS	ALL	\$	\$
3	Portable Changeable Message Signs (00222)	WK	12		
4	Erosion Control (00280)	LS	ALL		
5	Construction Survey Work (00305)	LS	ALL		
6	Removal of Curbs, Walks, Driveways (00310)	SY	220		
7	Removal of Pavement (00310)	SY	4560		
8	Removal of Structures (00310)	LS	ALL		
9	Clearing and Grubbing (00320)	LS	ALL		
10	Trench Foundation (00405)	CY	90		
11	Rock and Boulder Excavation (00405)	CY	100		
12	Watermain Excavation and Backfill (00405)	CY	1630		
13	8 inch D3034 PVC Sewer Pipe, All Depth (00445)	FT	877		
14	Catch Basin, CG-3 (00470)	EA	1		
15	Concrete Manholes, Standard (Sanitary) (00470)	EA	6		
16	Abandon Existing Manhole (00490)	EA	2		

17	Abandon Existing Pipe (00490)	LF	3150		
18	Extra for Manholes Over Existing Sewers (00490)	EA	1		
19	Connection to Existing Structures (00490)	EA	2		
20	Repair or Reconstruct Existing Sewer Laterals (00490)	FT	150		
21	Level 3, 1/2 inch ACP Mixture (00744)	Ton	610		
22	Level 2, 1/2 inch ACP Mixture, Temporary, 2 Inch Depth (00744)	Ton	180		
23	Concrete Curbs (00759)	FT	360		
24	Concrete Walks, 4 inches Thick (00759)	SF	1,980		
25	Mono-Directional White Type I Markers (00855)	EA	24		
26	Bi-Directional Blue Type 1AR Markers (00855)	EA	4		
27	Longitudinal Pavement Markings - 4" YELLOW (00860)	FT	222		
28	Longitudinal Pavement Markings - 4" WHITE (00860)	FT	560		
29	Pavement Legend, Type B-HS: On-Street Parking (00867)	EA	21		
30	Pavement Bar, Type B-HS (00867)	SF	130		
31	Roadside Restoration (01020)	LS	1		
32	4-Inch Ductile Iron Pipe with Restrained Joints and Class B Backfill	FT	11		
33	6-Inch Ductile Iron Pipe with Restrained Joints and Class B Backfill	FT	33		
34	8-Inch Ductile Iron Pipe with Restrained Joints and Class B Backfill	FT	363		
35	12-Inch Ductile Iron Pipe with Restrained Joints and Class B Backfill	FT	2726		
36	Ductile Iron Reducer, 8-inch x 6-inch	EA	6		
37	Ductile Iron Reducer, 12-inch x 8-inch	EA	1		
38	Ductile Iron Pipe Cross, 12-inch	EA	2		
39	Ductile Iron Tees, 4-inch	EA	1		
40	Ductile Iron Tees, 6-inch	EA	2		
41	Ductile Iron Tees, 12-inch	EA	4		
42	4-Inch Gate Valve	EA	2		
43	6-Inch Gate Valve	EA	2		
44	8-Inch Gate Valve	EA	6		
45	12-Inch Gate Valve	EA	15		
46	1 Inch Combination Air Release/Air Vacuum Valve Assembly (01150)	EA	2		
47	Reconnect Water Service, 3/4-inch to 1-inch Diameter, Near Side (1170)	EA	21		
48	Reconnect Water Service, 3/4-inch to 1-inch Diameter, Far Side (1170)	EA	23		

49	Reconnect Water Service, 2-inch Diameter, Far Side (1170)	EA	2		
50	Abandon Service	EA	6		
51	Fire Hydrant Assembly (1160)	EA	5		
52	Connection to Existing - Stephens/Sykes	EA	1		
53	Connection to Existing - Stephens/Haynes	EA	1		
54	Connection to Existing - Stephens/Brockway	EA	1		
55	Connection to Existing - Stephens/Blakeley	EA	1		
56	Connection to Existing - Stephens/Woodward	EA	1		
57	Connection to Existing - Stephens/Mosher (EAST)	EA	1		
58	Connection to Existing - Stephens/Mosher (WEST)	EA	1		
59	Connection to Existing - Stephens/Cass (EAST)	EA	1		
60	Connection to Existing - Stephens/Cass (WEST)	EA	1		
61	Connection to Existing - Stephens/Oak	EA	1		
Bid Total:				\$	

*Abbreviations:

LS – Lump Sum

CY – Cubic Yard

EA – Each

WK – Week

LF – Lineal Feet

SY – Square Yard

TONS – Tons

The undersigned also declares and agrees as follows:

1. That the only persons or parties interested in this bid are those named herein, that the bid is in all respects fair and without fraud, and that it is made without any connection or collusion with any person making another bid on this Contract.

2. That the bidder, and any subcontractor upon which the bidder is relying, have carefully examined and had an opportunity to comment on, the Contract Documents for the construction of the proposed improvements including a full set of the plans and specifications, including all addenda thereto; that bidder has personally inspected the contemplated construction area or areas; that bidder is satisfied as to the adequacy and completeness of the plans and specifications, the feasibility of the work described therein, quantities of materials, items of equipment and conditions of work involved, including the fact that the description of work and materials as included herein are approximate only; and that this bid is made according to the provisions and under the terms of the Specifications which are hereto attached and hereby made a part of this bid.

3. All of the Specifications and Plans which are listed herein have been examined by the undersigned bidder and the terms and conditions thereof are hereby accepted.
4. It is understood that the Plans may be supplemented by additional Drawings and Specifications in explanation and elaboration of the Plans and it is agreed that such Supplemental Drawings, when not in conflict with those referred to in Paragraph 3 above, will have the same force and effect as if completed and attached hereto, and that when received, will be considered a part of the Contract Documents.
5. It is understood that all work will be performed under the price schedule outlined herein and that all services, materials, labor and equipment and all work necessary to complete the Project in accordance with the Plans and Specifications shall be furnished for the prices named in the bid. If there is a change in the scope of work or work which cannot be properly classified under the price schedule then bidder agrees to do this work as "extra work". The undersigned bidder agrees to do any extra work and furnish materials, and to accept as full compensation therefore at such prices as may be agreed upon in writing by the City and the Contractor before extra work begins. Each party binds itself to agree to reasonable prices.
6. It is understood the work to be performed must meet the highest standards prevalent in the industry or business most closely related to the work to be performed. It is further understood that failure to meet such standards may result in consequences including, but not limited to, a reduction or withholding of payment; a requirement that bidder perform, at bidder's own expense, additional work required to meet such standards; or termination of the contract, with damages being sought.
7. The bidder agrees that if this bid is accepted, the bidder will, within ten (10) calendar days after the notification of acceptance, execute the Construction Contract with the City in the form of Contract specified, and will, at the time of execution of the Contract, deliver to the City the Performance Bond, Payment Bond and Public Works Bond Filing Certification form as required herein, and will furnish all the materials necessary to complete the Project in the manner, in the time and according to methods as specified in the Specifications and required by the City.
8. The cash, certified check, cashier's check, irrevocable letter of credit or Bid Bond shall be payable to the City to the extent of 10% of the amount of the bid in case this bid is accepted by the City and the undersigned shall fail or refuse to execute the Contract and furnish a Payment Bond, a Performance Bond or the Public Works Bond Filing Certification form as required by the Specifications within the time limit named therein after notification that said bid is accepted, all in accordance with the provisions of this bid and the Plans and Specifications which are a part hereof.
9. All items for the Contract for which forms are provided herein have been completed in full by the showing of prices for each and every item thereof, and for the showing of other information indicated by the Bid Form.
10. The Contractor shall complete all construction related work along SE Stephens Street to done under the Contract before the elapse time of 180 calendar days, or not later

than August 29, 2025, whichever occurs first. Construction related work defining the start of Contract calendar days includes potholing, saw cutting, traffic control, lane closures, trenching, and restoration related activities. Bidders to note that no construction related work will be allowed between November 1st, 2024 and March 3rd, 2025, unless otherwise approved by the City. Contract days allowed for construction and restoration related construction work along SE Stephens Street do not include the pause in work from November 1st, 2024 and March 3rd, 2025. The Notice to Proceed is anticipated to be issued in early August of 2024.

11. In the event the bidder is awarded the Contract and fails to complete the Project within the time limit or extended time agreed upon, as more specifically set forth in the General Conditions, liquidated damages shall be paid to or withheld by the City pursuant to Paragraph 4 of the Construction Contract (Time of Performance - Liquidated Damages) at the rate of five hundred Dollars (\$ 500) per day, until the Project has been completed as provided in the General Conditions.
12. The undersigned bidder hereby states, as part of this bid, that the applicable provisions of Oregon's Prevailing Wage Law (ORS 279C.800 to 279C.870) and the Federal Prevailing Wage Law (Davis-Bacon Act, 40 U.S.C. 3141-3148), shall be complied with. When the Project is subject to both the State and Federal Prevailing Wage Laws and rates, workers in each trade will be paid the higher of the two rates.
13. The undersigned bidder and bidder's subcontractors shall comply with ORS 656.017, which requires them to provide Workers' Compensation coverage for all their subject workers.
14. The undersigned bidder hereby states, as part of this bid, that bidder shall comply with ORS 279C.505(2) which requires bidder to have an employee drug testing program in place.
15. The undersigned bidder and bidders' subcontractors shall comply with ORS 279C.570 and 279C.580, which require timely progress payments for public improvement projects and provide interest penalties for late payment.
16. The undersigned bidder hereby states, as part of this bid, bidder and bidder's subcontractors shall comply with the provisions of Exhibit "A" - "Standard City Contract Provisions".
17. **If applicable** pursuant to Section 11 of "Information for Bidders", the undersigned bidder hereby states, as part of this bid, that bidder has completed pay equity compliance training and received a certificate of completion from the Oregon Department of Administrative Services.
18. If the bidder is awarded the Contract for this work, the name and address of the Surety who will provide the Payment Bond, Performance Bond and Public Works Bond (if required) will be: _____.
19. The name and address of the bidder who is submitting this bid is: _____, which is the address

to which all communications pertinent to this bid and the Contract shall be sent. The bidder's email address is: _____.

20. The names of the principal officers of the corporation submitting this bid or of the partnership, or of all parties interested in this bid as principals are as follows: _____.

21. The undersigned bidder acknowledges that Addenda No. _____ through _____ have been delivered to bidder and have been examined as part of the Contract Documents.

22. In the prosecution of this work, the bidder proposes to use the subcontractors listed on the First-Tier Subcontractor Disclosure Form presented within two working hours of the bid submission deadline as set forth in the Invitation to Bid. Any bidder not using subcontractors subject to the above referenced Disclosure Form shall indicate "NONE" on the Disclosure Form and sign and submit the form as required.

23. Declaration of Residency: I "am" or "am not" (circle one) a "resident bidder"* as defined by ORS 279A.120, a contractor that has paid unemployment taxes or income taxes in Oregon during the 12 calendar months immediately preceding submission of the bid, has a business address in this state and has stated in the bid whether the bidder is a "resident bidder" pursuant to ORS 279A.120.

24. The bidder's Construction Contractors Board License Number or Landscape Contractors Board License Number is: _____.

25. Bidder's Tax Identification Number: _____. Email: _____.

26. Public Works Bond: If the bid is accepted, prior to beginning work on the project, the bidder will file with the Construction Contractors Board, a Public Works Bond in the amount of \$30,000 with a corporate surety authorized to do business in the State of Oregon; and before permitting a subcontractor to begin work on the project, the bidder will verify that the subcontractor has also filed the aforementioned bond. If the bidder, as a certified disadvantaged, minority, women or emerging small business enterprise, elects not to file the Public Works Bond, bidder will file written verification of such certification with the Construction Contractors Board and provide the Board and the City of Roseburg with notice of such election.

If sole Proprietor or Partnership:

In witness hereto, the undersigned as set his/her hand this _____ day of _____, 2024.

Printed name of bidder: _____

Signature of bidder: _____

Title: _____

If Corporation:

In witness whereof, the undersigned corporation has caused this instrument to be executed and its seal affixed by its duly authorized officers this _____ day of _____, 2024.

Name of Corporation: _____

Printed name of person signing: _____

Signature: _____

Title: _____

Attest: _____
Secretary

STANDARD BID BOND

We, _____, "as Principal,"
(Name of Principal)
and _____, an _____ Corporation,
(Name of Surety)

authorized to transact Surety business in Oregon, as "Surety," hereby jointly and severally bind ourselves, our respective heirs, executors, administrators, successors and assigns to pay unto the City of Roseburg ("Obligee") the sum of (\$ _____) _____ dollars.

WHEREAS, the condition of the obligation of this bond is that Principal has submitted its proposal or bid to an agency of the Obligee in response to Obligee's procurement document (No. _____) for the project identified as:

_____ which proposal or bid is made a part of this bond by reference, and Principal is required to furnish bid security in an amount equal to ten percent (10%) of the total amount of the bid pursuant to the procurement document and ORS 279C.365(5) for competitive bidding or 279C.400(5) for competitive proposals.

NOW, THEREFORE, if the proposal or bid submitted by Principal is accepted, and if a contract pursuant to the proposal or bid is awarded to Principal, and if Principal enters into and executes such contract within the time specified in the procurement document and executes and delivers to Obligee its good and sufficient performance bond, payment bond and public works bond as required by Obligee within the time fixed by Obligee, then this obligation shall be void; otherwise, it shall remain in full force and effect.

IN WITNESS WHEREOF, we have caused this instrument to be executed and sealed by our duly authorized legal representatives this _____ day of _____, 2024.

PRINCIPAL: _____ SURETY: _____

By _____ Signature BY ATTORNEY-IN-FACT:

_____ Official Capacity Name

Attest: _____ Corporation Secretary Signature

_____ Address

_____ City State Zip

_____ Phone Email

FIRST TIER SUBCONTRACTOR DISCLOSURE FORM INSTRUCTIONS

Instructions for First-Tier Subcontractor Disclosure:

Bidders are required to disclose information regarding certain first-tier subcontracts (ORS 279C.370). Specifically, when the contract amount of a first-tier subcontract furnishing labor or labor and materials would be great than or equal to: (1) 5% of the project bid, but at least \$15,000; or (2) \$350,000 regardless of the percentage, the bidder must disclose the following information about that subcontract either in its bids submission, or within two hours after bid closing:

- (A) The subcontractor's name;
- (B) The category of work that the subcontractor would be performing; and
- (C) The dollar value of the subcontract.

If the bidder will not be using any subcontractors that are subject to the above disclosure requirements, the bidder is required to indicate "NONE" on the accompanying form.

THE CONTRACTING AGENCY MUST REJECT A BID IF THE BIDDER FAILS TO SUBMIT THE DISCLOSURE FORM WITH THIS INFORMATION BY THE STATED DEADLINE (OAR 137-049-0360).

** The subject form is on the following page.*

FIRST TIER SUBCONTRACTOR DISCLOSURE FORM

PROJECT NAME: _____

BID#: _____

BID CLOSING: DATE: _____ **TIME:** _____

This form must be submitted at the location or email specified in the Invitation to Bid on the advertised bid closing date and within two working hours after the advertised bid closing time.

List below: the name of each subcontractor that will be furnishing labor or labor and materials and is required to be disclosed, the category of work that the subcontractor will be performing and the dollar value of the subcontract. Enter "NONE" if there are no subcontractors that need to be disclosed. (ATTACH ADDITIONAL SHEETS IF NEEDED)

NAME OF SUBCONTRACTOR	DOLLAR VALUE	CATEGORY OF WORK
_____	\$ _____	_____
_____	\$ _____	_____
_____	\$ _____	_____
_____	\$ _____	_____
_____	\$ _____	_____
_____	\$ _____	_____

Failure to submit this form by the disclosure deadline will result in a nonresponsive bid. A nonresponsive bid will not be considered for award.

Form submitted by (bidder name): _____

Contact name: _____ **Phone #:** _____

Form Received in the City Recorder's Office:

Time: _____ **Date:** _____ **By:** _____

**EMPLOYEE DRUG TESTING PROGRAM
CERTIFICATION FORM**

BIDDER'S NAME: _____

PROJECT NAME & NUMBER: _____

ORS 279C.505 (2) provides that every public improvement contract contain a condition that the Contractor shall demonstrate that an employee drug testing program is in place. The City's award of the Contract for which this certificate is required is conditioned, in part, upon the Bidder's demonstration of compliance with the provisions of ORS 279C.505(2). If the Bidder named above is awarded the Contract, this certificate shall become a part of, and shall constitute a continuing representation and warranty under, the Contract.

To induce the City to award the Contract to the Bidder, the undersigned, as the duly authorized representative of the Bidder, hereby represents and warrants, on behalf of the above named Bidder:

1. That Bidder has and enforces, and at all times during the term of the Contract will have and enforce, a written employee drug testing policy that at a minimum, requires compliance with the Oregon Department of Transportation Commercial Drivers License drug testing regulations;
2. A copy of the Bidder's current written employee drug testing policy will be available for inspection by the City at any time upon the City's request; and
3. The Bidder understands and agrees that its representations and warranties herein will become a continuing part of the Contract and that breach of any of the foregoing will be sufficient grounds for disqualification under 279C.440(2)(d).

The City shall not be liable, either directly or indirectly, in any dispute arising out of the substance or procedure of Bidder/Contractor's drug testing program. Nothing in this drug testing provision shall be construed as requiring Bidder/Contractor to violate any legal, including constitutional rights of any employee, including but not limited to, selection of which employees to test and the manner of such testing. The City shall not be liable for Bidder/Contractor's negligence in establishing or implementing, or failure to establish or implement, a drug testing policy, or for any damage or injury caused by Bidder/Contractor's employees acting under the influence of drugs while performing work covered by the Contract. These are Bidder/Contractor's sole responsibilities.

In Witness whereof, the Bidder has caused this document to be executed by its duly authorized representative on the date shown below.

Signature: _____

Printed Name, Title: _____

Date: _____

**PAY EQUITY COMPLIANCE TRAINING
CERTIFICATION FORM
(NEW)**

BIDDER'S NAME: _____

PROJECT NAME & NUMBER: _____

ORS 279A.167(1) provides that the Oregon Department of Administrative Services shall establish a program to certify that a person that intends to submit a bid or proposal for a public contract understands the prohibition set forth in ORS 652.220 and in other laws or rules that prohibit discrimination in compensation or wage payments. Following completion of the course, a certificate of completion will be provided. This certification is recommended for ANY contractor in the state of Oregon, and **required for any contractor who employs fifty (50) or more people, and for a contract valued at more than \$500,000**. Information on how to receive this certification can be found by clicking [here](#).

To induce the City to award the Contract to the Bidder when the certification is required, the undersigned, as the duly authorized representative of the Bidder, hereby represents and warrants, on behalf of the above named Bidder:

1. That Bidder has completed the training on pay equity as outlined in ORS 652.220; and
2. A copy of the Certificate of Completion of the pay equity compliance training will be available for inspection by the City at any time upon the City's request.

In Witness whereof, the Bidder has caused this document to be executed by its duly authorized representative on the date shown below.

Signature: _____

Printed Name, Title: _____

Date: _____

**CITY OF ROSEBURG
PUBLIC WORKS BOND - PRE-BID NOTICE AND CERTIFICATION**

I, the undersigned contractor, hereby certify that if awarded the contract for which I am submitting this bid, prior to beginning work on such Project, unless exempt under ORS 279C.800 to 279C.870, I will file with the Construction Contractors Board, a Public Works Bond in the amount of \$30,000 with a corporate surety authorized to do business in the State of Oregon. I further certify that before permitting a subcontractor to start work on the Project upon which I am submitting this bid, I will verify that the subcontractor has also filed such Public Works Bond or has elected not to file such bond as allowed by state law. The Public Works Bond shall provide that the contractor or subcontractor will pay claims ordered by the Bureau of Labor and Industries to workers performing labor upon public works projects. The bond shall be a continuing obligation and remain continuously in effect.

If, as a contractor, I qualify as a disadvantaged, minority, women, disable veteran or emerging small business enterprise certified under ORS 200.055 and I have elected not to file the aforementioned Public Works Bond, I hereby certify that I will file written verification of such certification with the Construction Contractors Board. I also certify that before beginning any work on the Project, I will provide the City of Roseburg and the Construction Contractors Board written notice that I have elected not to file the Public Works Bond. If so certified under ORS 200.055, I understand that my election not to file the Public Works Bond will expire one year from the date it was filed and that a claim for unpaid wages may be filed against the payment bond I submitted on the Project.

I further certify that I understand the Public Works Bond described above is in addition to any other bond that I am required to provide, or that may be required of a subcontractor, for this Project.

Project Name: _____

Project Number: _____

Contractor's Printed Name: _____

Contractor's Signature: _____

Dated: _____

as required for the full execution and satisfactory completion of the work. All of the Contract Documents are incorporated herein by this reference and made a part of this Contract.

3. **PAYMENT.** In consideration of the faithful performance of the work herein described, the City agrees to pay the Contractor (insert cost/bid amount) as payment in full per the provisions of the Contract Documents. The Contractor may elect to receive payments directly to their bank account by completing the attached Vendor Automatic Payment Authorization form.

4. **TIME OF PERFORMANCE - LIQUIDATED DAMAGES.** The Contractor shall commence work under this Contract upon receiving notification to proceed from the City. The Contractor agrees that the work under this Contract shall be completed per the requirements described in Paragraph 10 of the Bid Form. If the Contractor fails to complete the Project within the time hereinbefore mentioned, or in the extended time agreed upon, liquidated damages shall be paid to or withheld by the City at the rate of five hundred dollars (\$500) per day until the Project is completed. It has been agreed that the damages arising from a delay in completion would be difficult to ascertain with any degree of accuracy, even after the Project is completed. It has also been agreed that the amount of liquidated damages specified herein is a reasonable forecast of just compensation for the harm that will be caused by a delay in completion of the Project. Any such sum which the Contractor may be obligated to pay under the terms of this Paragraph is paid as liquidated damages, and not as a penalty.

5. **COMPLIANCE WITH LAW.** The Contractor shall comply with all local, state and federal laws, ordinances and regulations applicable to contracts covering municipal contracts, and shall make prompt payment of all amounts that may be due from said Contractor in the way of taxes, other governmental charges or lawful deductions, and shall make prompt payment of all labor and materials and shall save the City harmless from any damages or claims whatsoever in the performance of the Contract. Contractor and all subcontractors agree to comply with the City's Standard Contract Provisions, attached as Exhibit A and incorporated herein by this reference, and Roseburg Municipal Code Regulations relating to business registration.

6. **NOTICE.** Any notice required or permitted by this Contract must be delivered and served personally, or alternatively, deposited in the United States mail, postage prepaid, registered or certified, return receipt requested, addressed to the parties as shown below:

CITY:
City of Roseburg
ATTN: City Manager
900 SE Douglas Avenue
Roseburg OR 97470

CONTRACTOR:

Such notice, if mailed within the State of Oregon, shall be deemed delivered upon the second day following the date postmarked. If mailed outside the State of Oregon, notice shall be deemed delivered upon the fifth day following the date postmarked.

7. **GOVERNING LAW; VENUE LOCATION.** Oregon law shall be applied to all actions relating to the Contract, and the venue in any such action shall lie in the Circuit Court of Douglas County, Oregon.

8. **ELECTRONIC SIGNATURES.** This Contract and any amendments may be signed by facsimile, PDF, or other electronic means, each of which will be deemed an original and all of which when taken together will constitute one contract. Facsimile and electronic signatures will be binding for all purposes.

IN WITNESS WHEREOF, the parties hereto have executed this Contract the day and year first above written.

CITY

CONTRACTOR

Nicole Messenger
City Manager

(Authorized Signature)
Title: _____

Date: _____

Date: _____

ATTEST:

Tax Identification Number

Amy Nytes, City Recorder

Email: _____

EXHIBIT "A"
STANDARD CONTRACT PROVISIONS
PREVAILING WAGE CONTRACT
(ORS 279C.800 - 279C.870)

The following provisions, if applicable, are hereby included in and made a part of the attached public contract which is subject to Prevailing Wage Laws and rates, between the City of Roseburg and the Contractor named therein as provided for in the Roseburg Code, Oregon Revised Statutes, and Federal laws, rules, regulations, and guidelines. If a Contractor or Subcontractor violates the provisions below, the City may, at its option, terminate the contract or a subcontract and said Contractor or Subcontractor in such event shall forfeit all rights under the contract except to payment for actual labor and materials furnished to the City. The City may waive in whole or in part any forfeitures or sanctions provided in this Exhibit.

1. PREFERENCE FOR OREGON GOODS AND SERVICES; NONRESIDENT CONTRACTOR REPORT TO DEPARTMENT OF REVENUE - ORS 279A.120:

1.1 For purposes of awarding the contract the City will:

1.1.1 give preference to goods and services that have been manufactured or produced in Oregon if the price, fitness, availability and quality are otherwise equal; and

1.1.2 add a percentage increase to the bid of a non-resident bidder equal to the percentage, if any, of the preference given to the contractor in the same state in which the contractor lives.

1.2 As used in this Section:

1.2.1 "nonresident contractor" means a contractor that is not a resident contractor;

1.2.2 "resident contractor" means a contractor that has paid unemployment taxes or income taxes in the state of Oregon during the twelve (12) calendar months immediately preceding submission of the bid for the contract; has a business address in this state; and stated in the bid for the contract that it was not a "resident bidder" under ORS 279A.120.

1.3 If the Contractor is a nonresident contractor and the contract price exceeds \$10,000, the Contractor shall promptly report to the Department of Revenue on forms to be provided by the Department, the total contract price, terms of payment, length of contract and such other information as the Department may require before the Contractor may receive final payment on the public contract. The City shall satisfy itself that the requirement of this Subsection has been complied with before it issues a final payment on the contract.

2. PAYMENT OF LABORERS AND MATERIALMEN, CONTRIBUTIONS TO INDUSTRIAL ACCIDENT FUND, LIENS, AND WITHHOLDING TAXES - ORS 279C.505(1):

The Contractor shall:

- 2.1 Make payment promptly, as due, to all persons supplying to such Contractor, labor or material for the performance of the work provided for in the contract.
- 2.2 Pay all contributions or amounts due the Industrial Accident Fund from such Contractor or Subcontractor incurred in the performance of the contract.
- 2.3 Not permit any lien or claim to be filed or prosecuted against the City of Roseburg or any subdivision thereof on account of any labor or material furnished.
- 2.4 Pay to the Department of Revenue all sums withheld from employees pursuant to ORS 316.167.

3. **PAYMENT OF CLAIMS BY PUBLIC OFFICERS - ORS 279C.515:**

- 3.1 If the Contractor fails, neglects or refuses to make prompt payment of any claim for labor or services furnished to the Contractor or a Subcontractor by any person in connection with the contract as such claim becomes due, the public officer or officers representing the City of Roseburg may pay such claims to the person furnishing the labor or services and charge the amount of the payment against funds due or to become due the Contractor by reason of the contract. The payment of a claim in the manner authorized shall not relieve the Contractor or his/her surety from his or her obligations with respect to any unpaid claims.
- 3.2 If the Contractor or a first-tier Subcontractor fails, neglects or refuses to make payment to a person furnishing labor or materials in connection with the contract within thirty (30) days after receipt of payment from the City of Roseburg or the Contractor, the Contractor or first-tier Subcontractor shall owe the person the amount due plus interest charges commencing at the end of the 10-day period that payment is due under ORS 279C.580(4) and ending upon final payment, unless payment is subject to a good faith dispute as defined in ORS 279C.580. The rate of interest charged to the Contractor or first-tier Subcontractor on the amount due shall equal three times the discount rate on 90-day commercial paper in effect at the Federal Reserve Bank in the Federal Reserve District that includes Oregon on the date that is thirty (30) calendar days after the date when payment was received from the City of Roseburg or from the Contractor, but the rate of interest shall not exceed 30 percent. The amount of interest may not be waived.
- 3.3 If the Contractor or Subcontractor fails, neglects or refuses to make payment to a person furnishing labor or materials in connection with the contract, the person may file a complaint with the Construction Contractors Board, unless payment is subject to a good faith dispute as defined in ORS 279C.580. The Contractor shall announce the foregoing in any Subcontract issued.

4. **HOURS OF LABOR - ORS 279C.520:** No person shall be employed for more than 10 hours in any one day, or 40 hours in any one week, except in cases of necessity, emergency, or when the public policy absolutely requires it, and in such cases the employee shall be paid at time and a half pay:

- 4.1 For all overtime worked in excess of 8 hours a day or 40 hours in any one week, when the work week is five consecutive days, Monday through Friday; or

- 4.2 For all overtime in excess of 10 hours a day or 40 hours in any one week when the work week is four consecutive days, Monday through Friday; and
- 4.3 For all work performed on Saturday and on any legal holiday specified in ORS 279C.540, or all holidays specified in a collective bargaining agreement.

The Contractor must give notice to employees who perform work on the contract, in writing, either at the time of hire or before commencement of work on the contract, or by posting a notice in a location frequented by employees, the number of hours per day and days per week that the employees may be required to work.

5. PAYMENT FOR MEDICAL CARE AND ATTENTION TO EMPLOYEES - ORS 279C.530:

- 5.1 The Contractor shall promptly as due, make payment to any person, co-partnership or association or corporation furnishing medical, surgical, and hospital care or other needed care and attention, incident to sickness or injury, to the employees of such Contractor, of all sums which the Contractor agrees to pay for such services and all monies and sums which the Contractor collected or deducted from the wages of employees pursuant to any law, contract or agreement for the purpose of providing or paying for such service.
- 5.2 The Contractor, its subcontractors, if any, and all employers providing work, labor or materials under this Contract who are subject employers under the Oregon Workers' Compensation Law shall comply with ORS 656.017, which requires them to provide workers' compensation coverage that satisfies Oregon law for all their subject workers. Out-of-state employers must provide workers' compensation coverage that complies with ORS 656.126 for their workers. Employer's Liability Insurance with coverage of not less than \$500,000 each accident shall be included.

6. PAYMENT TO SUBCONTRACTORS - ORS 279C.580:

- 6.1 The Contractor shall include in each subcontract for property or services entered into by the Contractor and a first-tier Subcontractor, including a material supplier, for the purpose of performing the public contract:
 - 6.1.1 A payment clause that obligates the Contractor to pay the first-tier Subcontractor for satisfactory performance under its subcontract within ten (10) calendar days of payment by the City out of such amounts as are paid to the Contractor by the City of Roseburg under the contract; and
 - 6.1.2 An interest penalty clause that obligates the Contractor, if payment is not made within thirty (30) calendar days after receipt of payment from the City of Roseburg, to pay to the first-tier Subcontractor an interest penalty on amounts due in the case of each payment not made in accordance with the payment clause included in the subcontract pursuant to Paragraph 6.1.1 of this Subsection. A Contractor or first-tier Subcontractor shall not be obligated to pay an interest penalty if the only reason that the Contractor or first-tier Subcontractor did not make payment when payment was due is that the

Contractor or first-tier Subcontractor did not receive payment from the City of Roseburg or Contractor when payment was due. The interest penalty shall be:

6.1.2.1 For the period beginning on the day after the required payment date and ending on the date on which payment of the amount due is made; and

6.1.2.2 Computed at the rate specified in ORS 279C.515(2).

6.2 The Contractor shall include in each of its subcontracts, for the purpose of performance of such contract condition, a provision requiring the first-tier Subcontractor to include a payment clause and an interest penalty clause conforming to the standards set forth in Paragraphs 6.1.1 and 6.1.2 and requiring each of its Subcontractors to include such clauses in their subcontracts with each lower-tier Subcontractor or supplier.

6.3 None of the provisions of this Section 6 are intended to prevent the Contractor or any Subcontractor from including in its contracts the provisions described in ORS 279C.580(5) and (6).

7. PROHIBITION OF DISCRIMINATORY WAGE RATES BASED ON SEX – ORS 652.220: The Contractor shall not:

7.1 Discriminate between employees on the basis of a protected class in the payment of wages or other compensation for work of comparable character, the performance of which requires comparable skills;

7.2 Pay wages or other compensation to any employee at a rate greater than that at which the employer pays wages or other compensation to employees of a protected class for work of comparable character, the performance of which requires comparable skills. This section does not apply where:

- (a)** Payment is made pursuant to a seniority or merit system which does not discriminate on the basis of a protected class; or
- (b)** A system measures earnings by quantity or quality of production, including piece-rate work; or
- (c)** Travel is necessary and regular for the employee; or
- (d)** Education, training, experience, or any combination of factors account for the entire compensation differential.

7.3 Discriminate in the payment of wages or other compensation against any employee because the employee has filed a complaint in a proceeding, has testified or is about to testify, or because the employer believes that the employee may testify in any investigation, proceedings or criminal action pursuant to ORS 652.210 to 652.235.

8. DRUG TESTING - ORS 279C.505(2):

8.1 The Contractor shall demonstrate that an employee drug testing program is in place at the time of submitting its bid, and that such program will be maintained throughout the contract period, including any extensions. The failure of Contractor to have, or to

maintain such a drug testing program is grounds for rejection of a bid or immediate termination of the contract.

8.2 The City of Roseburg shall not be liable, either directly or indirectly, in any dispute arising out of the substance or procedure of Contractor's drug testing program. Nothing in this drug testing provision shall be construed as requiring Contractor to violate any legal, including constitutional, rights or any employee, including but not limited to, selection of which employees to test and the manner of such testing. The City shall not be liable for Contractor's negligence in establishing or implementing, failure to establish or implement a drug testing policy, or for any damage or injury caused by Contractor's employees acting under the influence of drugs while performing work covered by the contract. These are Contractor's sole responsibilities and nothing in this provision is intended to create any third party beneficiary rights against the City.

9. PREVAILING WAGE PROVISIONS - ORS 279C.800 - 279C.870; 40 U.S.C. 3141 – 3148:

9.1 The hourly rate of wage to be paid by the Contractor and all Subcontractors to workers under the contract shall not be less than the prevailing rate of wage for an hour's work in the same trade or occupation in the locality where the labor is performed as set forth in the specifications for the public contract; provided however, if the public contract is also subject to the Federal Prevailing Wage Rate pursuant to the Davis-Bacon Act (40 U.S.C. 3141 - 3148), then the higher of the two rates shall be paid. The Contractor will comply with the provisions of ORS 279C.840 and all applicable provisions of ORS 279C.800 to 279C.870 and/or the Davis-Bacon Act, 40 U.S.C. 3141 - 3148.

9.2 The Contractor or the Contractor's surety and every Subcontractor or the Subcontractor's surety shall file certified statements with the City in writing using the form prescribed by the Commissioner of the Bureau of Labor and Industries certifying the hourly rate of wage paid each worker whom the Contractor or the Subcontractor has employed in the Work under the contract and further certifying that no worker employed under such public contract has been paid less than the prevailing rate of wage or less than the minimum hourly rate of wage specified in the contract. The certified statement shall be verified by the oath of the Contractor or the Contractor's surety or Subcontractor or the Subcontractor's surety that the Contractor or Subcontractor has read the certified statement and knows the contents thereof and that the same is true to the Contractor's or Subcontractor's knowledge. The certified statements shall set out accurately and completely the payroll records for the prior week including the name and address of each worker, the worker's correct classification, rate of pay, daily and weekly number of hours worked, deductions made, and actual wages paid.

9.3 Each certified statement shall be delivered or mailed by the Contractor or Subcontractor to the City. A true copy of the certified statement shall also be filed at the same time with the Commissioner of the Bureau of Labor and Industries. Certified statements for each week during which the Contractor or Subcontractor employs a worker under the public contract shall be submitted once a month, by the fifth business day of the following month. Information submitted on certified statements may be used only to ensure compliance with the provisions of ORS 279C.800 to 279C 870. The City shall retain 25% of the amount earned by the Contractor if the certified statements are not submitted

as required. The City shall pay the Contractor the amount retained within 14 days after the Contractor files the certified statements regardless of whether a Subcontractor has failed to file the required certified statements. The Contractor shall retain 25% of any amount earned by a first-tier Subcontractor until the Subcontractor has filed with the City, the required certified statements. The Contractor shall verify the first-tier Subcontractor has filed the certified statements before the Contractor may pay the Subcontractor any amount retained. The Contractor shall pay the first-tier Subcontractor the amount retained within 14 days after the Subcontractor files the required certified statements.

10. PUBLIC WORKS BOND REQUIREMENTS – ORS 279C.836:

- 10.1 If the public contract involves public works, unless exempt under ORS 279C.800 to 279C.870, prior to beginning work on the contract, the Contractor shall file with the Construction Contractors Board, a Public Works Bond in the amount of \$30,000 with a corporate surety authorized to do business in the State of Oregon.
- 10.2 Before allowing a Subcontractor to begin work under a public contract involving public works, for which the Contractor has been awarded the contract, the Contractor shall verify that the Subcontractor has also filed a Public Works Bond with the Construction Contractors Board or elected not to file such bond as allowed by state law.
- 10.3 The Public Works Bond shall provide that the Contractor or Subcontractor will pay claims ordered by the Bureau of Labor and Industries to workers performing labor under the public contract involving public works. The bond shall be a continuing obligation and remain continuously in effect.
- 10.4 If the Contractor or Subcontractor qualifies as a disadvantaged, minority, women, disabled veteran or emerging small business enterprise certified under ORS 200.055 and has elected not to file the Public Works Bond, the Contractor or Subcontractor will file written verification of such certification with the Construction Contractors Board. If the Contractor or Subcontractor elects not to file the Public Works Bond, before beginning any work on the public contract involving public works, the Contractor or Subcontractor shall provide the City and the Construction Contractors Board with written notification of such election.

11. DEMOLITION CONTRACTS; LAND AND LANDSCAPE MAINTENANCE - ORS 279C.510:

- 11.1 If the public contract includes demolition, the Contractor shall salvage or recycle construction and demolition debris, if feasible and cost effective.
- 11.2 If the public contract includes services for lawn and landscape maintenance, the Contractor shall compost or mulch yard waste material at an approved site.

12. DISCRIMINATION IN SUBCONTRACTING PROHIBITED; REMEDIES - ORS 279A.110:

- 12.1** The Contractor may not discriminate against a Subcontractor in the awarding of a subcontract because the Subcontractor is a minority, women, disabled veteran or emerging small business enterprise certified under ORS 200.055.
- 12.2** By entering into the contract, the Contractor certified it has not discriminated and will not discriminate, in violation of Subsection 12.1, against any minority, women, disabled veteran or emerging small business enterprise in obtaining any required subcontract.
- 12.3** If the Contractor violates the nondiscrimination certification made under Subsection 12.2, the City may regard the violation as a breach of contract that permits the City to terminate the contract or exercise any remedies for breach permitted under the contract.
- 13. HIGHEST STANDARDS; CONSEQUENCES FOR FAILURE – ORS 279B.060:**
- 13.1** By entering into the Contract, Contractor agrees to perform the work to the highest standards prevalent in the industry or business most closely related to the work to be provided;
- 13.2** Contractor understands that failure to meet the highest standards in the industry may result in consequences including, but not limited to:
- 13.2.1** reducing or withholding of payment;
- 13.2.2** requiring Contractor to perform, at Contractor’s own expense, additional work required to meet such standards; or
- 13.2.3** declaring a default, terminating the Contract and seeking damages and other relief available under the terms of the Contract or other applicable law.
- 14. COMPLIANCE WITH LAWS:** The Contractor and Subcontractor shall comply with all federal, state and local laws, rules, ordinances and regulations at all times and in the performance of the contract.

**AUTHORIZATION STATEMENT FOR
AUTOMATIC VENDOR PAYMENT**

We hereby authorize the City of Roseburg to make credit entries to our bank account for payments owed to us by the City.

Remittance Name _____

Address _____

City, State, Zip _____

Phone Number _____

Contact _____

Email Address _____

Payment Notification Request:
 Notify via email once payment is made.
 Notify via postal service.
 No notification necessary.

Tax ID # _____
 (Federal Tax ID if Business, SSN if Individual)

Bank Name _____

Bank Address _____

City, State, Zip _____

Bank Phone Number _____

Bank Account Number _____

Bank Routing Number _____

Authorized Signature _____



Committed to Continuous Improvement and Quality Customer Service

Vendor Automatic Payment Authorization

As a City of Roseburg vendor you now have the option to receive payments directly to your bank account. No more waiting for the check to arrive through the mail or need to run to the bank to make the deposit.

- Q. How do I sign up?**
 A. Simply complete and return the attached authorization form. You must include a voided check.
- Q. How soon will the Automatic Payment Plan Start?**
 A. Once we have your authorization and have verified the banking information, we will begin making future payments to you through the Electronic Funds Transfer (EFT) method.
- Q. How can I be sure that I have received payment from you?**
 A. You can request notification of the payment to be sent to you via e-mail or through the postal service at the time the electronic payment is made by selecting the appropriate box on the authorization form. Also, your monthly bank statement will clearly reflect the automatic payment.
- Q. What if I have a question about my payment?**
 A. Simply call the City of Roseburg at (541) 492-6710 and ask to speak to the Accounts Payable Department.
- Q. What if I try the Automatic Payment Plan and don't like it?**
 A. You can cancel your authorization for automatic payments at any time by notifying us in writing.



City of Roseburg, 900 SE Douglas Avenue, Roseburg, OR 97470, Finance@cityofroseburg.org

**CITY OF ROSEBURG
PUBLIC WORKS BOND FILING CERTIFICATION**

Pursuant to ORS 279C.800 to 279C.870, I, undersigned contractor, do hereby certify that, prior to beginning work on the Project for which I have been awarded the bid by the City of Roseburg:

1. I have filed with the Construction Contractors Board (“Board”), a Public Works Bond in the amount of \$30,000 with a corporate surety authorized to do business in the State of Oregon.
 Yes **No (Check one)**

2. I have elected not to file a Public Works Bond with the Board because I am a disadvantaged, minority, women, disabled veteran or emerging small business enterprise certified under ORS 200.055. I have provided the Board written verification of such certification and written notification of my election not to file the Public Works Bond. I understand that my election not to file the Public Works Bond will expire one year from the date it was filed and that a claim for unpaid wages may be filed against the payment bond I submitted on the Project.
 Yes **No (Check one)**

3. I have verified any subcontractor involved in the Project has, prior to beginning any work on this Project, either filed the Public Works Bond with the Board or has elected not to file the Public Works Bond because the subcontractor is a disadvantaged, minority, women, disabled veteran or emerging small business enterprise certified under ORS 200.055.
 Yes **No (Check one)**

(a) I have verified that any subcontractor involved in this Project that has elected not to file the Public Works Bond has provided the Board written verification of its certification under ORS 200.055 and written notification of its election not to file the Public Works Bond. **Yes** **No (Check one)**

I understand the Public Works Bond described above is in addition to any other bond that I am required to provide, or that may be required by a subcontractor, for this Project.

Project Name: _____

Project Number: _____

Contractor’s Printed Name: _____

Contractor’s Signature: _____

Dated: _____

**CITY OF ROSEBURG
STANDARD PERFORMANCE BOND**

Bond No.: _____

Solicitation: _____

Project Name: _____

_____ (Surety #1) Bond Amount No. 1: \$ _____

_____ (Surety #2)* Bond Amount No. 2: \$ _____

**If using multiple sureties* Total Penal Sum of Bond \$ _____

We, _____ as Principal, and the above identified Surety(ies), authorized to transact surety business in Oregon, as Surety, hereby jointly and severally bind ourselves, our respective heirs, executors, administrators, successors and assigns, firmly by these presents to pay to the City of Roseburg the sum of (Total Penal Sum of Bond)

_____ (Provided that we the Sureties bind ourselves in such sum “jointly and severally” as well as “severally” only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety), and

WHEREAS, the Principal has entered into a contract with the City of Roseburg, the plans, specifications, terms and conditions of which are contained in the above-referenced Solicitation;

WHEREAS, the terms and conditions of the contract, together with applicable plans, standard specifications, special provisions, schedule of performance, and schedule of contract prices, are made a part of this Performance Bond by reference, whether or not attached to the contract (all hereafter called “Contract”); and

WHEREAS, the Principal has agreed to perform the Contract in accordance with the terms, conditions, requirements, plans and specifications, and all authorized modifications of the Contract which increase the amount of the work, the amount of the Contract, or constitute an authorized extension of the time for performance, notice of any such modifications hereby being waived by the Surety:

NOW, THEREFORE, THE CONDITION OF THIS BOND IS SUCH that if the Principal herein shall faithfully and truly observe and comply with the terms, conditions and provisions of the Contract, in all respects, and shall well and truly and fully do and perform all matters and things undertaken by Contractor to be performed under the Contract, upon the terms set forth therein, and within the time prescribed therein, or as extended as provided in the Contract, with or without notice to the Sureties, and shall indemnify and save harmless the City of Roseburg and members thereof, its officers, employees and agents, against any direct or indirect damages or claim of every kind and description that shall be suffered or claimed to be suffered in connection with or arising out of the performance of the Contract by the Principal or its subcontractors, and shall in all respects perform said Contract according to law, then this obligation is to be void; otherwise, it shall remain in full force and effect.

Nonpayment of the bond premium will not invalidate this bond nor shall the City of Roseburg be obligated for the payment of any premiums.

This bond is given and received under authority of ORS Chapters 279A, 279B and 279C, the provisions of which hereby are incorporated into this bond and made a part hereof.

IN WITNESS WHEREOF, WE HAVE CAUSED THIS INSTRUMENT TO BE EXECUTED AND SEALED BY OUR DULY AUTHORIZED LEGAL REPRESENTATIVES.

Dated this _____ day of _____, 2024.

PRINCIPAL: _____

By

Signature

Official Capacity

Attest:

Corporation Secretary

SURETY: _____

[Add signatures for each surety if using multiple bonds]

BY ATTORNEY-IN-FACT:

[Power-of-Attorney must accompany each surety bond]

Name

Signature

Address

City State Zip

Phone Email

**CITY OF ROSEBURG
PAYMENT BOND**

Bond No.: _____
Solicitation: _____
Project Name: _____

	(Surety #1)	Bond Amount No. 1: \$				
	(Surety #2)*	Bond Amount No. 2: \$				
<i>*If using multiple sureties</i>		Total	Penal	Sum	of	Bond
\$						

We, _____ as Principal, and the above identified Surety(ies), authorized to transact surety business in Oregon, as Surety, hereby jointly and severally bind ourselves, our respective heirs, executors, administrators, successors and assigns, firmly by these presents to pay to the City of Roseburg the sum of (Total Penal Sum of Bond)

(Provided that we the Sureties bind ourselves in such sum "jointly and severally" as well as "severally" only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety), and

WHEREAS, the Principal has entered into a contract with the City of Roseburg, the plans, specifications, terms and conditions of which are contained in the above-referenced Solicitation;

WHEREAS, the terms and conditions of the contract, together with applicable plans, standard specifications, special provisions, schedule of performance, and schedule of contract prices, are made a part of this Payment Bond by reference, whether or not attached to the contract (all hereafter called "Contract"); and

WHEREAS, the Principal has agreed to perform the Contract in accordance with the terms, conditions, requirements, plans and specifications, and schedule of Contract prices which are set forth in the Contract and any attachments, and all authorized modifications of the Contract which increase the amount of the work, or the cost of the Contract, or constitute authorized extensions of time for performance of the Contract, notice of any such modifications hereby being waived by the Surety:

NOW, THEREFORE, THE CONDITION OF THIS BOND IS SUCH that if the Principal shall faithfully and truly observe and comply with the terms, conditions and provisions of the Contract, in all respects, and shall well and truly and fully do and perform all matters and things by it undertaken to be performed under said Contract and any duly authorized modifications that are made, upon the terms set forth therein, and within the time prescribed therein, or as extended therein as provided by the Contract, with or without notice to the Sureties, and shall indemnify and save harmless the City of Roseburg and members thereof, its officers, employees and agents, against any direct or indirect damages or claim of every kind and description that shall be suffered or claimed to be suffered in connection with or arising out of the performance of the Contract by the Contractor or its subcontractors, and shall promptly pay all persons supplying labor, materials or both to the Principal or its subcontractors for

prosecution of the work provided in the Contract; and shall promptly pay all contribution due according to workers compensation requirements and the State Unemployment compensation Fund from the Principal or its subcontractors in connection with the performance of the Contract; and shall pay over to the Oregon Department of Revenue all sums required to be deducted and retained from the wages of employees of the Principal and its subcontractors pursuant to ORS 316.167, and shall permit no lien nor claim to be filed or prosecuted against the City on account of any labor or materials furnished; and do all things required of the Principal by the laws of this State, then this obligation shall be void; otherwise, it shall remain in full force and effect.

Nonpayment of the bond premium will not invalidate this bond nor shall the City of Roseburg be obligated for the payment of any premiums.

This bond is given and received under authority of ORS Chapters 279A, 279B and 279C, the provisions of which hereby are incorporated into this bond and made a part hereof.

IN WITNESS WHEREOF, WE HAVE CAUSED THIS INSTRUMENT TO BE EXECUTED AND SEALED BY OUR DULY AUTHORIZED LEGAL REPRESENTATIVES.

Dated this _____ day of _____, 2024.

PRINCIPAL: _____

By _____
Signature

Official Capacity

Attest: _____
Corporation Secretary

SURETY: _____

[Add signatures for each surety if using multiple bonds]

BY ATTORNEY-IN-FACT:
[Power-of-Attorney must accompany each surety bond]

Name

Signature

Address

City State Zip

Phone Email

LOWEST BIDDER RESPONSIBILITY DETERMINATION FORM
(TO BE COMPLETED BY THE CITY UPON NOTICE OF INTENT TO AWARD)

“**Lowest responsible bidder**” means the lowest bidder who is not on the list established by the Construction Contractors Board pursuant to ORS 701.227 and who has:

1. Substantially complied with all prescribed public contracting procedures and requirements of the State of Oregon and the City of Roseburg;
2. Met the standards of responsibility described in ORS 279B.110 and 279C.375, and Roseburg Municipal Code Chapter 3.06; and
3. Not been disbarred or disqualified from bidding or debarred by the State of Oregon under ORS 279B.130 or 279C.440, or by the City under the provisions of Roseburg Municipal Code Chapter 3.06.

Project Name: _____

Bid/Project Number: _____

Business Entity/ Bidder’s Name: _____

CCB License Number: _____

Form submitted by City of Roseburg.

Form submitted by:

Name: _____

Title: _____

Date: _____

The City has (check all of the following):

- Checked the list created by the Construction Contractors Board under ORS 701.227 for bidders who are not qualified to hold a public improvement contract.
- Determined whether the bidder has met the standards of responsibility. In so doing, the City has found that the bidder demonstrated that the bidder:
 - Has available the appropriate financial, material, equipment, facility and personnel resources and expertise, or the ability to obtain the resources and expertise, necessary to meet all contractual responsibilities.
 - Holds current licenses that businesses or service professionals operating in this state must hold in order to undertake or perform the work specified in the Contract.
 - Is covered by liability insurance and other insurance in amounts required in the solicitation documents.

Qualifies as a carrier-insured employer or a self-insured employer under ORS 656.407, or has elected coverage under ORS 656.128.

Has disclosed the bidder's first-tier subcontractors in accordance with ORS 279C.370.

Has a satisfactory record of performance.

Has a satisfactory record of integrity.

Is legally qualified to contract with the City.

Possesses a certificate that the Oregon Department of Administrative Services issued under ORS 279A.167 – Pay Equity Compliance (if applicable). **(NEW)**

Has supplied all necessary information in connection with the inquiry concerning responsibility.

Determined the bidder to be (check one of the following):

Responsible under ORS 279C.375(3)(a) and (b).

Not responsible under ORS 279C.375(3)(a) and (b).

If the City has found the bidder not to be responsible, please see attached document explaining the City's determination.

Note: This form is to be submitted by the City of Roseburg to the Construction Contractors Board immediately following issuance of the City's Notice of Intent to Award the subject contract. A copy must immediately be filed with the City Recorder.

**BUREAU OF LABOR AND INDUSTRIES
PREVAILING WAGE RATES FOR PUBLIC WORKS CONTRACTS**

Prevailing Wage Rates are the minimum wages that must be paid to all workers employed in the construction, reconstruction, major renovation or painting of all public works, unless specifically exempted by state or federal law. Rather than including the entire State and/or Federal Prevailing Wage Rate publications in the bid specifications and contract, public entities may make reference to the specific prevailing wage rate publication where the prevailing wage rates are found *or* provide a link to the specific prevailing wage rate publication where the prevailing wage rates are found.

Oregon Bureau of Labor and Industries Prevailing Wage Rates applicable to the subject project/contract are available on BOLI’s website at [BOLI : Prevailing Wage Rates : For Employers : State of Oregon](#). The prevailing wages to be applied throughout the duration of this project are those in effect for BOLI Prevailing Wage Rate District 6, (Douglas County Oregon), upon the date the project is first advertised.

Federal Prevailing Wages Rates under the Davis Bacon Act (40 U.S.C. 3141 et seq.) may be found at [SAM.gov | Home](#). The prevailing wages to be applied throughout the duration of this project are those in effect for Federal Prevailing Wage Rates under the Davis Bacon Act (40 U.S.C. 3141 et seq.) at the time the initial specifications were first advertised for bid solicitations.

If the project is subject to both ORS 279C.800 to 279C.870 and to the Davis Bacon Act (40 U.S.C. 3414 et seq.), the contractor and every subcontractor shall pay the higher of the applicable state or federal prevailing rate of wage to all workers on the projects.

For specific information or questions regarding the Prevailing Wage Rate Law, you may log on to the above referenced websites or contact the nearest Oregon Bureau of Labor and Industries office listed below.

BOLI Office Locations

Eugene	1400 Executive Parkway, Eugene, OR 97401	541/686-7623
Medford	700 E. Main, Suite 105, Medford, OR 97504	541/776-6270
Portland	800 NE Oregon St., #32, Portland, OR 97232	503/731-4074
Salem	3865 Wolverine St. NE, Bldg. E-1, Salem, OR 97305	503/378-3292

**THIS PROJECT IS SUBJECT TO THE OREGON BOLI PREVAILING WAGE RATES
EFFECTIVE ON JUNE 1, 2024**

GENERAL CONDITIONS

1. DEFINITIONS

1.1 Whenever used in these General Conditions or in the other Contract Documents, the following terms shall have the meanings indicated which shall be applicable to both the singular and plural thereof:

“Acceptance” means that the work has been completed in accordance with the Contract Documents and approved in writing by the Owner.

“Act of God or Nature” means a natural phenomenon of such catastrophic proportions or intensity as would reasonably prevent performance.

“Addendum” means any written document, signed by all parties, pertaining to additions, deletions, revisions or other issues with the Contract Documents issued after the Contract Documents have been issued.

“Bid” means the offer of a bidder to perform the work described by the Contract Documents when made out and submitted on the prescribed Bid Form and properly signed.

“Bidder” means any person, firm, partnership, corporation, limited liability company, or other entity submitting a bid for the work described hereunder.

“Change Order” means a document recommended by the Project Manager which is signed by the Contractor and the City and authorizes an addition, deletion or revision in the work or an adjustment in the Contract price or Contract times, issued on or after the effective date of the Contract.

“City” means the City of Roseburg located in the State of Oregon, and owner of the Project and work related thereto.

“Contract Documents” means and includes the Invitation to Bid, Information for Bidders, Bid Form, Construction Contract with Exhibit “A” Standard Contract Provisions, First-Tier Subcontractor Disclosure Form, Drug Testing Program Certification Form, Bidder’s Responsibility Form, Performance Bond, Payment Bond, Public Works Bond Filing Certification form (when required), General Conditions, Technical Provisions, Special Conditions, Standard Drawings, Specifications & Plans, and Supplemental Specifications all as required for the full execution and satisfactory completion of the Project.

“Contractor” means the firm, partnership, corporation, limited liability company, or other entity executing the Contract with the City for the performance of the work herein described.

“Defective” means, when modifying the work, refers to work that is unsatisfactory, faulty or deficient in that it:

- a. does not conform to the Contract Documents; or
- b. does not meet the requirements of any applicable inspection, reference standard, test or approval referred to in the Contract Documents; or
- c. has been damaged prior to the Project Manager’s recommendation of final payment (unless responsibility for the protection thereof has been assumed by the City at Substantial Completion in accordance with the Contract Documents).

“Design Consultant” means the firm who prepared the Plans and Specifications and shall not mean the Project Manager.

"Engineer" means the City's authorized Engineer, as designated by the City Manager or Public Works Director for the Contract, either acting directly or through the inspector, within the scope of assigned duties.

“Final Completion” means that all work has been completed in conformance with the Contract Documents and the Contract has been fully performed.

“Holidays” means any Oregon legal holiday.

“Liquidated Damages” means that which is set forth in Subsection 6.9 herein.

“Milestone” means a principal event specified in the Contract Documents relating to an intermediate completion date or time prior to Substantial Completion of all of the work.

“Pay Equity Compliance Certificate” means a certificate issued by the Department of Administrative Services pursuant to ORS 279A.167 following completion of pay equity training.

"Payment Bond" means the approved form of security furnished by the Contractor and Contractor's Surety as a guarantee of good faith on the part of the Contractor to make all payments that are the Contractor's obligations, in accordance with the terms of the Contract.

“Performance Bond” means the approved form of security furnished by the Contractor and Contractor's Surety as a guarantee of good faith on the part of the Contractor to execute the work that is the Contractor's obligation, in accordance with the terms of the Contract.

"Plans" means and includes the City approved maps, standard drawings, work order drawings and supplemental drawings and sketches which will show the locations, character, dimensions and details of the work to be done.

"Project" means all work described and specified herein and as indicated on the Plans.

“Project Manager” means the City’s authorized Project Manager for the Contract, as designated by the City Manager or Public Works Director, either acting directly or through a designated representative, within the scope of assigned tasks.

“Proposal Request” means a written statement issued by the Project Manager to the Contractor on or after the effective date of the Contract and signed by the City and the Contractor identifying additions, deletions or revisions in the work, or responding to differing or unforeseen subsurface or physical conditions under which the work is to be performed or to emergencies. A Proposal Request will not change the Contract price or the Contract times but is evidence that the parties expect that the change ordered or documented by a Proposal Request will be incorporated in a subsequently issued Change Order.

“Public Works Bond” means a \$30,000 form of security furnished by the Contractor and/or Subcontractor and Contractor’s and/or Subcontractor’s Surety to the Construction Contractors Board to pay claims ordered by the Bureau of Labor and Industries to workers performing labor under a public works project.

“Punch List” means a list developed by the Project Manager after Substantial Completion that identifies defects or deficient workmanship or work not completed in conformance with the Contract Documents.

“Request for Information” means a formal request from the Contractor to the Project Manager requesting clarification and/or direction necessary to complete the work.

“Signature” means either a hand written or electronic signature.

“Specifications” means and includes the directions, provisions and requirements contained herein and referred to herein pertaining to the Project.

“Submittals” means all drawings, diagrams, material data, schedules and other information which are specifically prepared or assembled by or for the Contractor and submitted by the Contractor to illustrate some portion of the work.

“Substantial Completion” means that the degree of completion of the Project, or portion of the Project as evidenced by the Project Manager’s written notice of Substantial Completion, sufficient to provide the City, the full-time use of the Project, or portion of the Project, for the purpose for which it was intended. Determination of Substantial Completion is solely at the discretion of the Project Manager. Substantial Completion does not mean complete in accordance with the Contract nor shall Substantial Completion of all or any part of the Project entitle the Contractor to final acceptance under the Contract. The criteria the Project Manager may use in exercising his/her discretion in determining Substantial Completion includes, but is not limited to, the completion of all equipment contained in the Project, or portion of the Project, all other components necessary to enable the City to operate the facility in the manner that was intended.

"Superintendent" means the executive representative of Contractor, authorized to receive and fulfill instructions from the Project Manager or Project Manager's representatives.

"Supplemental Specifications" means specific instructions setting forth conditions or requirements peculiar to the Project under consideration when said Project is not completely covered by the Specifications contained herein.

"Surety" means the person, firm, partnership, corporation, limited liability company or other entity that has the requisite authority to execute the bonds required from the Contractor.

2. CONTRACT DOCUMENTS

2.1 Award, Execution of Documents, Delivery of Bonds.

2.1.1 If awarded, the Contract will be awarded to the lowest responsible bidder whose qualifications indicate the award will be in the best interest of the City and whose bid complies with all the prescribed requirements. No award will be made until the City has concluded such investigations as the City deems necessary to establish the responsibility, qualifications and financial ability of the Bidders to do the work in accordance with the Contract Documents.

2.1.2 In determining the lowest responsible bidder for the purpose of awarding the Contract, the City, pursuant to ORS 279A.120 shall:

2.1.2.1 give preference to goods and services that have been manufactured or produced in Oregon if the price, fitness, availability and quality are otherwise equal; and

2.1.2.2 add a percentage increase on the bid of a nonresident bidder equal to the percent, if any, of the preference given to that bidder in the state in which the bidder resides.

2.1.3 The City reserves the right to reject any and all bids not in compliance with all public bidding procedures and requirements or when such rejection is in the interest of the City; to reject the bid of a bidder who has previously failed to perform properly or complete contracts of a similar nature on time; and to reject the bid of a bidder who is not, in the opinion of the City, in a position to perform the Contract. If the Contract is awarded, the City will give the successful bidder written notice of award within forty-five (45) calendar days after bid opening.

2.1.4 At least three (3) counterparts of the Construction Contract and such other Contract Documents as practicable will be signed by the City and Contractor. The Contractor shall receive one (1) executed counterpart of the Contract Documents.

2.1.5 When required by the specifications, the Contractor shall deliver simultaneously with the execution of the Contract Documents a good and sufficient Payment Bond to ensure payment of the obligations incurred in the

performance of this Contract, a Performance Bond to assure performance of the Contract and the Public Works Bond Filing Certification form executed by the Contractor. No exceptions will be made to this provision.

2.1.6 Failure of the successful bidder to execute the Contract Documents and deliver the required Payment Bond, Performance Bond and Public Works Bond Filing Certification form within ten (10) calendar days of the notification of the award of the Contract shall be just cause for the City to annul the award.

2.2 Correlation, Interpretation, and Intent of Contract Documents.

2.2.1 The intent of the Plans and Specifications as contained herein is to describe the complete Project which the Contractor shall undertake to do in full compliance with the Construction Contract with Exhibit "A", Plans and Specifications. The Contract Documents comprise the entire agreement between the City and the Contractor. The Contract Documents may only be altered as provided in the General Conditions of the Contract.

2.2.2 The Plans and Specifications are intended to be explanatory and complimentary of each other. Contractor shall execute any work indicated in the Plans and not in the Specifications, or vice versa, as if indicated in both. Should any work or materials be reasonably required or intended for carrying the Project to satisfactory completion, which is inadvertently omitted on the Plans and Specifications, Contractor shall furnish the same as fully as if particularly delineated or described. Should it appear that the work to be done or any of the matters relative thereto are not sufficiently detailed or explained in the Contract Documents, the Contractor shall apply to the Project Manager for further explanations as may be necessary and shall conform thereto so far as may be consistent with the terms of the Contract. In the event any doubt or question arising respecting the true meaning of the Plans or Specifications, Contractor may seek a determination by the Project Manager according to Subsection 3.2 and Paragraph 3.3.3. Should the Contractor disagree with the Project Manager's decision, the Contractor may appeal to the City Manager in accordance with Paragraph 3.4.2. In resolving such conflicts, errors and/or discrepancies, the Contract Documents shall be given precedence in the following order: Construction Contract with Exhibit "A", the Plans and the Specifications. Within the Specifications, the order of precedence shall be as follows: General Conditions, Information for Bidders, Special Conditions and Technical Provisions.

2.2.3 Figure dimensions on Plans shall govern over scale dimensions, and detailed drawings shall govern over general drawings. Any work that may reasonably be inferred from the Plans and/or Specifications as being required to produce the intended result shall be supplied whether or not it is specifically called for. Work, materials or equipment described in words which so applied have a well-known technical or trade meaning shall be deemed to reference such recognized standards. The Contractor assumes full responsibility for having familiarized himself with the nature and extent of the Contract Documents, work locality and local conditions that may in any manner affect the work to be done.

- 2.3 Verification and Warranty.** The Contractor shall make the determination of the nature of the work proposed under the Contract, local conditions which can be encountered within the Project area and all other matters which can in any way affect the work proposed under the Contract. It shall also be the responsibility of the Contractor to be thoroughly familiar with the Contract Documents. Failure to make the examination necessary for this determination or to examine any form, instrument or document of the Contract with Exhibit "A" shall not release the Contractor from the obligations of the Contract with Exhibit "A". The Contractor warrants that no oral or written agreement or conversation with any officer, agent or employee of the City, either before or after the execution of the Contract, has affected or modified any of the terms or obligations herein contained.
- 2.4 Documents to be Kept on the Jobsite.** The Contractor shall keep at least one (1) copy of the Contract Documents at the jobsite, in good order, available to the Project Manager.
- 2.5 Additional Contract Documents.** The City will furnish to the Contractor, on request and free of charge, up to three (3) copies of the Contract Documents. Additional copies of Contract Documents may be obtained upon request by paying the actual cost of reproduction.
- 2.6 Surveys.** When required for the Project, surveying and staking of the component parts of the work shall be as detailed in the Specifications and on the Plans. The Contractor shall construct the work in accordance with the construction stakes and shall be charged with full responsibility for conformity and agreement of the work with said construction stakes.

3. PROJECT MANAGER-CITY CONTRACTOR RELATIONS

- 3.1 General.** The City has the authority to act as the sole judge of the work with respect to both quantity and quality as set forth in the Contract. It is expressly stipulated that the Plans, Specifications and other Contract Documents set forth the requirements as to the nature of the completed work and do not purport to control the method of performing work except in those instances where the nature of the completed work is dependent on the method of performance.
- 3.2 Project Manager.** The Project Manager is the representative of the City and is employed to act as advisor and consultant to the City in project managing matters related to the Contract. The City has delegated its authority to the Project Manager to make initial decisions regarding all claims and questions, which may arise as to the quality or acceptability of materials furnished and work performed and as to the manner of performance and rate of progress of the work under the Contract. The Project Manager determines the intent and meaning of the Contract and makes initial decisions with respect to the Contractor's fulfillment of the Contract and the Contractor's entitlement to compensation. Should the Contractor disagree with a decision of the Project Manager with respect to the Contract, the Contractor may request that the City Manager review the Project Manager's decision and make a determination in the manner provided under Paragraph 3.4.2.

The Project Manager may designate a field representative as an alternate in his/her capacity on the job site. All notifications required under the Contract shall be made directly to the Project Manager or the designated representative.

3.3 Duties and Responsibilities of the Project Manager

3.3.1 The Project Manager will make periodic visits to the site of the Project to observe the progress and quality of the work and to determine, in general, if the work is proceeding in accordance with the intent of the Contract Documents. The Project Manager shall not be required to make comprehensive or continuous inspections to check the quality or quantity of the work, and shall not be responsible for construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Project. Visits and observations made by the Project Manager shall not relieve the Contractor of obligations to conduct comprehensive inspections of the work, to perform acceptable work and to provide adequate safety precautions.

3.3.2 The Project Manager or the field representative thereof will be assigned to periodically observe the work and to act in matters of construction under the Contract. It is understood the Project Manager or field representative shall have the power to issue instructions and make decisions within the limitations of the authority granted by the City. Such inspection shall not relieve the Contractor of obligations to conduct comprehensive inspections of the work, perform acceptable work and provide adequate safety precautions.

3.3.3 All claims of the Contractor shall be presented to the Project Manager or designated representative, for a decision which shall be made in writing within a reasonable time. All decisions of the Project Manager shall be final subject only to the Contractor's right to appeal the Project Manager's decision to the City Manager in the manner provided in Subsection 3.4.

3.4 Appeal to the City Manager by the Contractor.

3.4.1 Determination by the Project Manager. As provided in Subsections 3.1, 3.2, and 3.3, the Contractor shall refer questions regarding meaning and intent of the Contract Documents in writing to the Project Manager for his/her decision. The Project Manager shall, within a reasonable time, respond to the Contractor in writing with his/her decision. If the Contractor disagrees with the Project Manager's decision or considers the decision requires extra work, Contractor may appeal the decision to the City Manager. Any related work performed by the Contractor prior to the Project Manager's decision is done at Contractor's risk unless otherwise authorized by the Project Manager.

3.4.2 City Manager Appeal Process. In the event the Contractor disagrees with any decision of the Project Manager, the Contractor may, within ten (10) calendar days of the date of such decision, appeal the decision to the City Manager for review. The appeal must be in writing and must set forth the questions referred to the Project Manager, the Project Manager's decision and the Contractor's basis for disagreement. The Contractor shall deliver a copy of

the appeal to the Project Manager at the time it is filed with the City Manager. The City Manager shall make all reasonable efforts to review the appeal and deliver his/her decision in writing to the Contractor within thirty (30) calendar days from the date of receipt of the appeal. Failure of the Contractor to appeal the decision of the Project Manager within the said ten (10) calendar day period constitutes a knowing and voluntary waiver of the Contractor's right to thereafter assert any claim resulting from such decision. This procedure is not meant to preclude or discourage informal resolution of disagreements between the Project Manager and the Contractor.

In the event the City Manager elects to do so, the City Manager may establish a "Claims Review Board" either to assist in reviewing an appeal hereunder or to consider Contractor appeals directly. Once established, the Claims Review Board will hear all future appeals of claims for this Contract.

During the pendency of any appeal, any related work performed by the Contractor shall be done at the Contractor's risk unless otherwise authorized by the Project Manager.

The filing of an appeal does not automatically extend the milestones and/or deadlines set forth in the Contract Documents and the Contractor continues to be subject to liquidated damages for failure to complete the Project within the time allotted.

In the event the City Manager or the Contractor commences arbitration or other legal action against the other for damages or for equitable relief, the prevailing party in such arbitration or other legal action is entitled to recover its reasonable attorney's fees therein and in any appeal therefrom.

The parties hereby stipulate and consent that venue for all arbitration or other legal actions arising under the Contract is in Douglas County, Oregon and that jurisdiction for all legal actions that are brought in or transferred to court is in the Douglas County Circuit Court of the State of Oregon; except, if a claim must be brought in a federal forum, then it must be brought and adjudicated solely and exclusively in the United States District Court for the District of Oregon located in Eugene, Oregon.

3.5 Suspension of Work. The Project Manager shall, in addition to its other authority, have the authority to suspend the work, wholly or in part, for such period or periods as may be deemed necessary due to unsuitable weather or such other conditions as are considered unfavorable for prosecution of the work, or failure on the part of the Contractor to carry out the provisions of the Contract. The Contractor shall not suspend operation without the permission of the Project Manager or Project Manager's authorized representative.

3.6 Notice of Potential Claim for Additional Compensation and/or Time.

3.6.1 The Contractor shall not be entitled to any additional compensation or extension of time for any act or failure to act by the Project Manager or the City,

the happening of any event or occurrence or any other cause, unless the Contractor shall have given the Project Manager a written notice of potential claim.

3.6.2 The written notice of potential claim shall set forth the reasons for which the Contractor believes additional compensation or time will or may be due, the nature of the costs involved and insofar as possible, the amount of the potential claim. If based on an act or failure to act by the Project Manager or the City, except in case of emergency, such notice shall be given to the Project Manager prior to the time that the Contractor starts performance of the work giving rise to the potential claim for additional compensation. In all other cases, notice shall be given within ten (10) calendar days after the happening of the event or occurrence giving rise to the potential claim.

3.6.3 It is the intention of this section that differences between the parties arising under and by virtue of the Contract shall be brought to the attention of the Project Manager at the earliest possible time in order that such matters may be settled if possible or other appropriate action may be taken promptly.

3.7 Examination of Completed Work. If the Project Manager requests it, the Contractor at any time before acceptance of the Project by the City, shall remove or uncover such portions of the finished work as may be directed. After examination, the Contractor shall restore said portions of the work to the standards required by the Contract Documents. Should the work thus exposed or examined prove to be in accordance with the Contract Documents, the uncovering or removing, the replacing of the covering or making good of the parts removed, shall be paid for by the City; but should the work so exposed or examined prove to be not in accordance with the Contract Documents, the uncovering or removing and the replacing of the covering or the making good of the parts removed, shall be at Contractor's expense. Should any work be performed without giving notice of plan of work, thereby eliminating an opportunity of inspection by the Project Manager, the Project Manager may require the Contractor to uncover such work at Contractor's own expense for examination by the Project Manager. Cost of uncovering such work shall be borne by the Contractor, whether or not the work is found acceptable. The work shall also be subject to inspection by appropriate governmental inspectors at all times.

3.8 Contractor's Superintendent. A qualified superintendent, who is acceptable to the Project Manager, shall be maintained by the Contractor on the Project to give efficient supervision over the Project until its completion. The superintendent shall have full authority to act on behalf of the Contractor, and all directions given to the superintendent shall be considered given to the Contractor. In general, the Project Manager's instructions shall be confirmed in writing and always upon written request from the Contractor.

3.9 Information Regarding Existing Facilities and Utilities.

3.9.1 Facilities. Any information relative to the location of other structures as might be shown on the Contract Documents will be obtained from the best information available and field observations; however, the City cannot guarantee the accuracy or completeness of this information.

3.9.2 Utilities. The Design Consultant has endeavored to determine the existence of utilities at the job site from the records of positions of these utilities as derived from such records as are shown on the Drawings. No excavations were made to verify the location shown for underground utilities. The service connections to these utilities are not shown on the Drawings. It is the responsibility of the Contractor to determine the exact location of all utilities and service connections hereto. The Contractor shall make its own investigations, including contacting the owners of appropriate utilities and making exploratory excavations to determine the locations and type of existing utilities, including service connections, prior to commencing work that could result in damage to such utilities and/or surrounding structures. The Contractor shall immediately notify the Project Manager as to any utility discovered by the Contractor that is not shown on the Drawings or that is in a different position than shown on the Drawings.

In the event it is necessary to remove, relocate or temporarily maintain a utility because of interference with the work, the Contractor shall perform the work on the utility and the City shall pay Contractor as follows:

3.9.2.1 When it is necessary to remove, relocate or temporarily maintain a service connection, the cost of which is not required to be borne by the owner thereof, the Contractor bears all expenses incidental to the work on the service connection. The Contractor shall perform the work on the service connection in a manner satisfactory to the owner thereof; if being understood that the owner of the service connection has the option of doing such work with its own forces, or permitting the work to be done by the Contractor.

3.9.2.2 When it is necessary to remove, relocate or temporarily maintain a utility or underground obstruction that is in the position shown on the Drawings, the cost of which is not required to be borne by the owner thereof, the Contractor bears all expenses incidental to the work on the utility. The Contractor shall perform the work on the utility in a manner satisfactory to the owner thereof; it being understood that the owner of the utility has the option of doing such work with its own forces, or permitting the work to be done by the Contractor.

3.9.2.3 When it is necessary to remove, relocate or temporarily maintain a utility or underground obstruction that is not shown on the Drawings or is in a position different from that shown on the Drawings and were it in the position shown on the Drawings would not need to be removed, relocated or temporarily maintained, the cost of which is not required to be borne by the owner thereof, the City will make

arrangements with the owner of the utility for such work to be done at no cost to the Contractor.

No representations are made that the obligations to move or temporarily maintain any utility and to pay the cost thereof, is or is not required to be borne by the owner of such utility, and it is the responsibility of the Contractor to investigate to determine whether or not said cost is required to be borne by the owner of the utility.

Governmental agencies and owners of utilities reserve the right to enter at any time upon any street, alley, right-of-way or easement for the purpose of making changes in their property made necessary by the work and for the purpose of maintaining and making repairs to their property.

3.10 Use of Premises

3.10.1 All work included under the Contract is to be constructed on land belonging to the City, on public right-of-way administered and regulated by state and/or local government or on easements to the benefit of the City or the public. The Contractor shall abide by special conditions or requirements of the property owner or governing authority. The Contractor shall confine equipment, the storage of materials and the operation of Contractor's workers to the limits as shown on the Plans or as indicated by law, ordinances, permits or directions of the Project Manager and shall not unreasonably encumber the premises with materials.

3.10.2 Any additional land and access thereto which the Contractor might desire for temporary construction facilities or for storage of materials shall be provided by the Contractor with no liability to the City. The Contractor shall pay all costs involved in acquiring such rights and all clean up shall be made as required by these Specifications.

3.11 Private Property. The Contractor shall not enter upon private property for any purpose without obtaining permission and shall be responsible for the preservation of all public property, trees, monuments, etc. along and adjacent to the street and/or right-of-way, and shall use every precaution necessary to prevent damage or injury thereto. The Contractor shall use suitable precautions to prevent damage to pipes, conduits and other underground structures, including but not limited to, verifying with all appropriate utilities where underground structures are located, and shall protect carefully from disturbance or damage all monuments and property marks until an authorized agent has witnessed or otherwise referenced their location and shall not remove them until directed.

3.12 Assignment of Contract. Contractor shall not sublet, sell or assign the Contract or sublet any of the work to be performed hereunder without the written consent of the City. Any such assignment or subletting of any such work without City's consent shall be null and void and without force or effect.

3.13 City's Right to do Work. If, in the sole opinion of the Project Manager, the Contractor neglects to prosecute the work properly or neglects or refuses at Contractor's own cost, to take up and replace work that has been rejected by the Project Manager, the Project Manager shall notify the City who shall notify the Surety of the condition. After at least ten (10) calendar days written notice to the Contractor and the Contractor's Surety, or without notice if an emergency or danger to the Project or public exists, and without prejudice to any other right which the City may have under the Contract, the City may take over that portion of the Project which has been improperly executed, make good the deficiencies and deduct the actual costs thereof from the payments then or thereafter due the Contractor. If no amount is owed to the Contractor, then the City may still pursue all of its other legal and/or equitable remedies.

3.14 City's Right to Terminate Contract.

3.14.1 Upon occurrence of any one or more of the following, the City may terminate the Contract at any time, immediately or upon such notice as the City in its sole discretion deems appropriate, by providing written notice to the Contractor which describes the reason for termination:

- 3.14.1.1** Contractor persistently fails to perform the work in accordance with the Contract Documents, including but not limited to, failure to supply sufficient skilled workers, suitable materials or equipment and failure to adhere to the progress schedule as the schedule may be revised from time to time;
- 3.14.1.2** Contractor fails to comply with applicable laws or the provisions of any of the Contract Documents, including, but not limited to the Construction Contract with Exhibit "A" Standard City Contract Provisions;
- 3.14.1.3** Contractor disregards the authority of the Project Manager;
- 3.14.1.4** Contractor violates any provision of the Contract and, after receiving notice of the violation, fails to remedy the breach immediately; or
- 3.14.1.5** Contractor files for bankruptcy under any chapter of the Bankruptcy Code (Title 11, United States Code); or a petition in bankruptcy is filed against Contractor under the Bankruptcy Code or any other provision of law seeking substantial relief; or Contractor makes a general assignment for the benefit of creditors; or a trustee, receiver or similar agent is appointed to take charge of Contractor's property for the benefit of creditors; or Contractor otherwise admits in writing to being unable to pay its debts as they become due.

3.14.2 Upon the City's issuance of written notice of termination, the Contractor shall immediately cease all work under this Contract, unless, as shall be specified

in the notice, the City, in its sole discretion, would be harmed by any uncompleted work, in which case, Contractor shall complete those items specified by the City in its notice.

3.14.3 The City may terminate the Contract upon seven (7) calendar days' notice if the City determines for any reason that the completion of the Contract is no longer in the best interests of the City.

3.14.4 If the City terminates the Contract pursuant to Paragraph 3.14.1, the City may choose any remedy available to it under the Contract, applicable statutes, City Code or common law, including but not limited to, completing the Project itself or through another contractor. The Contractor shall pay the City for all additional costs incurred by the City to obtain substitute performance. The Contractor shall be entitled to payment for that portion of the work that the Contractor completed according to the Contract, less the City's costs to obtain substitute performance for the balance of the work.

3.14.5 If the City terminates the Contract pursuant to Section 3.14.3, the City shall pay Contractor for that portion of the work the Contractor has completed according to the Contract, plus Contractor's cost for materials ordered and delivered to the site before Contractor receives the City's notice of termination; provided that such materials shall then belong to the City.

3.15 Contractor's Right to Stop Work or Terminate Contract. The Contractor may suspend work or terminate the Contract upon ten (10) calendar days written notice to the City, for any of the following reasons:

3.15.1 If an order of any court or other public authority caused the work to be stopped or suspended for a period of ninety (90) calendar days through no act or fault of the Contractor or his employees;

3.15.2 If the City should fail to act upon any request for payment within thirty (30) calendar days after its approval by the Project Manager; or

3.15.3 If the City should fail to pay the Contractor any sum within thirty (30) calendar days after its award by arbitrators.

3.16 Rights of Various Interests. Wherever work being done by the City's forces is contiguous to work covered by the Contract, the respective rights of the various interests involved shall be established by the Project Manager to secure the completion of the various portions of the work in general harmony.

3.17 Subcontracts.

3.17.1 The Contractor shall not be permitted to subcontract any of the work to be performed under the Contract without the written consent of the City, submission of the First-Tier Subcontractor Disclosure Form as required prior to the Bid opening deadline and verification that the Subcontractor has filed a Public Works Bond, when required, with the Construction Contractors Board prior to beginning

any work on the Project. The Contractor shall not employ any subcontractor that the Project Manager may object to due to subcontractor lacking the capability of performing work of the type and scope anticipated. No changes will be allowed from the approved subcontractor list without approval of the Project Manager.

3.17.2 The Contractor agrees to be as fully responsible to the City for the acts and omissions of the Contractor's subcontractors or of any persons either directly or indirectly, employed by Contractor's subcontractors as Contractor is for the acts and omissions of persons directly employed by Contractor.

3.17.3 Nothing contained in the Contract Documents shall create any contractual relation between any subcontractor and the City.

3.18 Unforeseen Difficulties. The Contractor shall protect the work and materials from damage due to the nature of the work, the elements, carelessness of other contractors or from any cause whatever until completion and acceptance of the Project. All loss or damages arising out of the nature of the work to be done under the Contract Documents, from any unseen obstruction or defects which may be encountered in the prosecution of the work, or from the action of the elements, shall be sustained by the Contractor.

3.19 Work During an Emergency. The Contractor shall be responsible for and must have resources available for all emergency work which might occur on the Project under construction for which the Contractor is responsible. The Contractor shall perform any work and furnish and install any materials and equipment necessary during an emergency endangering life or property. In all cases the Contractor shall notify the Project Manager of the emergency as soon as practicable, but the Contractor shall not wait for instructions before proceeding to properly protect both life and property.

3.20 Oral Agreements. No oral order, objection, claim or notice by any party to the others shall affect or modify any of the terms or obligations contained in any of the Contract Documents. No provision of the Contract Documents shall be held to be waived or modified by reason of any act whatsoever, other than by a definitely agreed waiver or modification thereof in writing. No evidence shall be introduced in any proceeding of any other waiver or modification.

3.21 Liens and Claims Against Contractor. The Contractor shall not permit any lien or claim to be filed or prosecuted against the City on account of any labor or material furnished under this Contract whether the same be furnished by the Contractor or any Subcontractor. If the Contractor fails, neglects or refuses to make prompt payment of any claim for labor or services furnished to the Contractor or a Subcontractor by any person in connection with the Contract as such claim becomes due, the City may pay such claim to the person furnishing the labor or services and charge the amount of the payment against funds due or to become due to the Contractor under this Contract. The payment of a claim in this manner does not relieve the Contractor or its surety from obligation with respect to any unpaid claims.

Any claim, by a person claiming to have supplied labor or materials for the performance of the work, for payment asserted against the Contractor's payment bond must be asserted in conformity with ORS 279C.600 et. Seq.

4. MATERIALS AND WORKMANSHIP

4.1 Materials to be Reviewed Before Use.

4.1.1 Only materials conforming with the specified requirements and conditionally accepted by the Project Manager shall be used in the Project.

4.1.2 Before any material to be used in the Project is delivered, the Contractor shall advise the Project Manager of the source from which the material is to be obtained, furnish such samples as may be required for testing purposes, and receive the Project Manager's conditional acceptance for the use of that particular material. The conditional acceptance of any source of supply by the Project Manager does not imply that all material from that source will be accepted. Should material from any conditionally accepted source fail to maintain a quality meeting the requirements of the Specifications, use of material from that source shall be discontinued and the Contractor shall furnish acceptable material from other sources. Regardless of the source, any material delivered for the Project which fails to meet the requirements will be rejected. Only material meeting all requirements will be allowed to be incorporated in the Project. Any material or item incorporated in the Project which does not meet requirements of the Contract Documents, even if it was used with the consent and/or the presence of an inspector, shall be removed and acceptable material shall be used in its place, with all costs related to such removal and installation being borne by the Contractor.

4.1.3 Any material which, after conditional acceptance, has for any reason become unsuitable for use shall be rejected and not used.

4.2 Tests of Materials.

4.2.1 All tests of materials shall be made in accordance with acceptable methods as described and designated in the Specifications. When tests of materials are required, such tests shall be made by a testing laboratory accepted by the Project Manager and at the expense of the Contractor. The Contractor shall afford such facilities as may be required for collecting and forwarding samples and shall hold the materials represented by the samples until tests have been made and the materials found equal to the requirements of the Specifications or to approved samples. The Contractor in all cases shall furnish the required samples without charge.

4.2.2 In the absence of any definite Specification or reference to a Specification in the Technical Specifications or in the Special Provisions for the particular Project involved, it shall be understood that such materials shall meet the Specifications and requirements of the American Society for Testing Materials. Unless otherwise specified, all tests of materials shall be made in accordance with the methods prescribed by the American Society for Testing Materials.

4.2.3 In cases where compliance of materials or equipment with Contract requirements is not readily determinable through inspection and tests, the Project Manager shall request the Contractor provide properly authenticated documents, certificates or other satisfactory proof of compliance. These documents, certifications and proofs must cover performance characteristics, materials or construction and the physical or chemical characteristics of materials.

4.2.4 If the Specifications require, or the Contractor's request is approved by the Project Manager, inspection or testing may take place away from the job site. The additional cost to the City for such remote inspection or testing includes travel and subsistence expenses and will be paid by the Contractor through a reduction in payment to the Contractor equal to the travel and subsistence expenses. In the event the remote inspection or testing is not specified and is required by the City, the required travel and subsistence expense will be paid for by the City.

- 4.3 Storage of Materials.** Materials shall be so stored as to insure the preservation of their quality and fitness for the Project. When considered necessary, they shall be placed on wooden platforms or other hard, clean surfaces, and not on the ground, and/or they shall be placed under cover. Stored materials shall be located so as to facilitate prompt inspection. Private property shall not be used for storage purposes without the written permission of the City and the private property owner.
- 4.4 Character of Workers.** The Contractor shall at all times be responsible for the conduct and discipline of Contractor's employees and/or any subcontractor or persons employed by subcontractors. All workers must have sufficient knowledge, skill and experience to properly perform the work assigned to them. Any foreman or worker employed by the Contractor or Subcontractor who, in the opinion of the Project Manager, does not perform the work in a skillful manner, appears to be incompetent or acts in a disorderly or intemperate manner shall, at the written request of the Project Manager, be removed from work on any portion of the Project except as allowed by the Project Manager.
- 4.5 Construction Means, Methods, Techniques, and Procedures.** The Contractor shall have the full power and authority to select the means, methods, techniques and procedures for performing the work covered under the Contract, provided said means, methods, techniques and procedures are in strict compliance with the requirements of all local, state and federal authorities and with these Specifications, and are not in conflict with the recommended installation practices of the manufacturers who are the suppliers of the materials to be utilized on the contemplated Project. The construction means, methods, techniques and procedures utilized shall produce a satisfactory quality of workmanship and shall be adequate to maintain the schedule of progress as required under the provisions of these Specifications.
- 4.6 Contractor's Tools and Equipment.** The Contractor's tools and equipment used on the work covered under the Contract shall be furnished in sufficient quantity and of a capacity and type that will safely perform the work specified, and shall be maintained and used in a manner that will not create a hazard to persons or property, or cause a delay in the progress of the work.

- 4.7 Rejected Materials and Work.** Any material supplied by the Contractor which is condemned or rejected by the Project Manager or the Project Manager's authorized representative because of non-conformity with the Contract Documents shall be removed at once from the vicinity of the Project by the Contractor at his own expense, and the same shall not be used on the Project. Any defective work whether the result of poor workmanship, use of defective materials, damage through carelessness or any other cause shall be removed within ten (10) calendar days after written notice is given by the Project Manager, and the work shall be re-executed by the Contractor at his own expense.
- 4.8 Unnoticed Defects.** Any defective work or materials furnished by the Contractor and discovered by the Project Manager before the Project has been given final acceptance or final payment has been made, or during the guarantee period, shall be removed and replaced by work and materials which shall conform to the provisions of the Contract Documents. Failure on the part of the Project Manager or his representative to condemn or reject bad or inferior work or materials shall not be construed to imply acceptance of such work or materials.
- 4.9 Right to Retain Imperfect Work.** If any part or portion of the work done or material furnished by the Contractor under the Contract proves to be defective and not in accordance with the Plans and Specifications, and if the imperfection in the same is not of sufficient magnitude or importance as to make the work dangerous or unsuitable, or if the removal of such work will create conditions which are dangerous or undesirable, the City shall have the right and authority to retain such work but shall make such deductions in the payment therefore as may be just and reasonable.
- 4.10 Correction of Defective Work.** When, and as often as the Project Manager determines through its inspection procedures, material, equipment or workmanship incorporated in the Project do not meet the requirements of the Contract, the Project Manager may give notice of the noncompliance to the Contractor in writing. Within five (5) calendar days of receipt of such notice, the Contractor shall undertake all work necessary to correct the deficiency and to comply with the Contract. The Contractor agrees to pay all costs of correcting the defective work, including wages and overhead charges for inspection. If the Contractor disagrees with the Project Manager's determination and believes the corrective work should be covered by a Change Order, the Contractor shall immediately notify the City, in writing, setting forth the basis for its position. The City will review the matter and notify the Contractor, in writing, of its determination within thirty (30) calendar days after receipt of the Contractor's notification. If the City determines the corrective work is required to comply with the Contract, the Contractor shall proceed with such work.

As a condition precedent to the Contractor's claim for either additional compensation or time extension or both resulting from the performance of such corrective work, the Contractor shall, within fifteen (15) calendar days after receipt of the City's determination, notify the City in writing of its intent to claim additional compensation, time or both. The Contractor shall document all cost information associated with the corrective work and shall submit such information to the Project Manager on a monthly basis. Receipt of the cost data by the Project Manager does not constitute an

Acceptance of the corrective work or an authorization for a Change Order to cover the corrective work.

4.11 Cutting and Patching. The Contractor shall do, or be responsible for, all cutting, fitting or patching that may be required by, shown on or reasonably implied by the Plans and Specifications. Any defective work performed or material furnished by the Contractor, which is discovered by the Project Manager before final acceptance of the Project or before final payment has been made, shall be removed and replaced or patched at the Contractor's expense in a manner approved by the Project Manager or his representative.

4.12 Cleanup.

4.12.1 As the Project progresses and immediately after completion of the Project, the Contractor shall clean up and remove all refuse and unused materials of any kind resulting from the Project. If the Contractor fails to commence the cleanup within 24 hours after being directed to do so by the Project Manager, the Project Manager may have the cleanup performed by others. The cost shall be borne by the Contractor and may be deducted from payments due or to become due the Contractor.

4.12.2 After the Project is completed and before final acceptance of the Project, all areas affected by the Project shall be neatly finished and all equipment, temporary structures, rubbish and waste shall be removed from the Project area.

4.13 Guarantee.

4.13.1 The Contractor shall fully warrant all work for at least one (1) full calendar year from the City's Final Acceptance of the Project, regardless of the length of manufacturers' or installers' warranties.

4.13.2 In addition to any other warranties that are required, the Contractor shall make all necessary repairs and replacements to remedy any and all defects, breaks or failures of the work occurring within one (1) calendar year following the date of the City's Final Acceptance due to faulty or inadequate materials or workmanship. Such repairs and replacements must conform to the Contract Specifications under which the Contractor originally performed the work.

4.13.3 In the event of a dispute regarding any portion of the work, the Contractor shall nonetheless provide any warranty service, repairs or replacements as described in Paragraphs 4.13.1 and 4.13.2 above, for that portion of the work that is not in dispute. In the event a dispute delays the City's Final Acceptance of the work, the warranty for portions of the work not in dispute runs from the date of the City's Final Acceptance of the remaining portions of the work.

4.13.4 The Contractor shall also repair any damage or remedy any disturbance to other publicly owned property or improvements thereon if caused by the Contractor's work and if the damage or remedy occurs during the warranty period.

4.13.5 If the Contractor performs warranty work, then the warranty work for repetitive defects in materials, workmanship or equipment also shall have a one (1) calendar year warranty period from the date of its completion and the City's Final Acceptance of that work. The Contractor shall continue to provide warranty work pursuant to the terms of the Contract until the defects are completed and the City provides notice of its Final Acceptance of the work.

4.13.6 The City shall provide the Contractor with written notice of the need to perform warranty work unless it is determined that an emergency exists, that delay would cause serious additional loss or damage, or if any delay in performing the work might cause injury to any member of the public. If the Contractor, after written Notice, fails within ten (10) calendar days to comply with the City's request, the City has the right to perform the warranty work either by hiring another Contractor or by using its own forces. In either event, the Contractor and its Surety remain liable to the City for the cost of the work performed and any additional damage suffered by the City.

4.13.7 The Contractor shall provide a bond during the one (1) calendar year warranty period to guarantee the Contractor's performance of warranty work. The Contractor shall provide to the City a bond in the amount of 20% of the final Contract Amount in one of the following ways:

- 4.13.7.1** Continuation of the Contract performance and payment bond.
- 4.13.7.2** Any new performance and payment bond, acceptable to the City, which covers the Contractor's warranty obligations imposed by the Contract Documents.
- 4.13.7.3** Cash deposit to the City Finance Department. A receipt from the City Finance Director constitutes proof of the deposit.
- 4.13.7.4** Other arrangements proposed by the Contractor that the City finds acceptable in the City's sole discretion.

5. INSURANCE, LEGAL AND FINANCIAL RESPONSIBILITY, AND PUBLIC SAFETY

5.1 Insurance.

5.1.1 Policy Requirements. The insurance policies specified herein shall be approved as to form by the City. Contractor shall deliver a certificate of all required policies to City upon execution of the Contract Documents and prior to commencement of any work under the Contract. If requested by the City, Contractor shall furnish the City with executed copies of such policies of insurance. Coverage provided by the Contractor must be underwritten by an insurance company deemed acceptable to the City. Insurance coverage shall be provided by companies admitted to do business in Oregon and rated A- or better

by AM Best. A thirty (30) day notice of cancellation, termination or non-renewal in coverage clause shall be included in all insurance policies. Failure to maintain any required insurance coverage in the minimum required amount shall constitute a material breach of the Contract and shall be grounds for immediate termination of the Contract. If the insurer is unwilling or unable to provide such commitment, the Contractor shall provide the City with the relevant sections of its policies describing how the insurer may reduce, modify or cancel the insurance. Furthermore, the Contractor has an affirmative duty to provide the City with any notice the Contractor receives regarding the reduction, modification or cancellation of its insurance within 24 hours of Contractor's receipt of such notice. All policies required by these provisions shall:

- 5.1.1.1** also name the City as an additional insured, protecting City from any and all claims, losses, actions or omissions of Contractor or as a result of the joint concurring or contributory act, omission or negligence of Contractor and City arising with or related to activities specified under the Contract;
- 5.1.1.2** be written as primary policies, not contributing with, or in excess of, any coverage City may have; and
- 5.1.1.3** have loss payable clauses in favor of and reasonably satisfactory to City.

5.1.2 Commercial General Liability Insurance. During the performance of the Contract, Contractor shall obtain and maintain continuously in effect a commercial general liability insurance policy, including personal and advertising injury liability and products, completed operations and construction site coverage, with a combined single limit per occurrence of not less than \$2,000,000. The aggregate limit shall not be less than \$4,000,000. The policy shall be endorsed to state that the aggregate limit of liability shall apply separately to the Contract. Coverage may be written in combination with Commercial Automobile Liability Insurance with separate limits for Commercial General Liability and Commercial Automobile Liability. If available, such policy shall contain a contractual liability endorsement to cover Contractor's indemnification obligations under the Contract. Claims Made policies will not be accepted.

5.1.3 Commercial Automobile Liability Insurance. At all times during the term of the Contract, and at the sole expense of Contractor, Contractor shall maintain continuously in effect, "Symbol 1" commercial automobile liability coverage covering all owned, non-owned and hired vehicles. This coverage may be written in combination with the Commercial General Liability Insurance with separate limits for Commercial Automobile Liability and Commercial General Liability. Combined single limit per occurrence shall not be less than \$2,000,000. If this coverage is written in combination with the Commercial General Liability, the aggregate limit for Commercial General Liability shall not be less than \$4,000,000 and the policy shall be endorsed to state that the aggregate limit of Commercial General Liability shall apply separately to the Contract.

5.1.4 Workers Compensation. At all times during the term of the Contract, and at the sole expense of the Contractor and Subcontractors, the Contractor and all Subcontractors shall comply with ORS 656.017, which requires them to provide Workers Compensation coverage for all their subject workers.

5.1.5 Pollution Liability. Contractor or appropriate Subcontractor shall obtain, at their expense, and keep in effect during the term of the Contract, Pollution Liability Insurance covering their liability for bodily injury, property damage and environmental damage resulting from sudden accidental or gradual pollution and related cleanup costs incurred by the Contractor or appropriate Subcontractor, all arising out of the work or services (including the transportation risk, when applicable) to be performed under the Contract. Combined single limit per occurrence shall not be less than \$2,000,000, with an annual aggregate limit of not less than \$4,000,000. If available, such policy shall contain a contractual liability endorsement to cover Contractor's indemnification obligations under the Contract. Claims Made policies will not be accepted.

5.2 Indemnification. The Contractor shall hold the City harmless from, and indemnify it for, all loss, costs, claims, demands, damages, suits, actions and judgments for property damage and/or personal injury, including death, arising out of the Project or performance under the Contract by the Contractor's agents or employees, or any of them. In any event any such action or claim is brought against City, Contractor shall, if City so elects, upon tender by City, defend the same at Contractor's sole cost and expense, promptly satisfy any judgment adverse to City or to City and Contractor jointly and reimburse City for any loss, costs, damage or expense (including legal fees) suffered or incurred by City.

5.3 Taxes and Charges. The Contractor shall pay state and local sales and use taxes on all items as required by the laws and statutes of the state and its political subdivisions. The Contractor shall withhold and pay any and all withholding taxes, whether state or federal; pay all social security charges and state unemployment compensation charges; and pay or cause to be withheld, as the case may be, any and all taxes, charges, fees or sums whatsoever which are now or may hereafter be required to be paid or withheld under the laws.

5.4 Bid Bond, Payment Bond, Performance Bond and Public Works Bond.

5.4.1 Contracts for Under \$25,000.00. Except when required by the Purchasing Agent, and except for public improvement contracts, bids on all public contracts under twenty-five thousand dollars (\$25,000.00) are exempt from the requirements for a Bid Bond, a Performance Bond to assure performance of the Contract and a Payment Bond to assure payment of the obligations incurred in the performance of the Contract. The Information for Bidders shall state when Bonds are required for contracts under \$25,000.00.

5.4.2 Contracts for \$25,000.00 or More. Except for public improvement contracts, or except when waived by the Council, bids on all public contracts of twenty-five thousand dollars (\$25,000.00) or more, shall be accompanied by a

Bid Bond, and the Contractor shall post a Performance Bond to assure performance of the Contract and a Payment Bond to assure payment of the obligations incurred in the performance of the Contract. The Information for Bidders shall state when the requirement for Bonds have been waived for contracts of \$25,000.00 or more.

5.4.2.1 Bid Bonds with Paper Bids. For bids submitted in paper format, the bidder must include a certified check, cashier's check, irrevocable letter of credit or Bid Bond in an amount equal to not less than ten percent (10%) of the total amount of the bid.

5.4.2.1 Bid Bonds with Electronic Bids. For bids submitted electronically, the bidder has the following options:

- Submit an electronic Bid Bond as part of the digitally signed bid document prior to the time of the Bid Closing; or
- Submit a paper Bid guaranty in the form of an irrevocable letter of credit issued by an insured institution as defined in ORS 706.008, or a cashier's check or certified check made payable to the City of Roseburg prior to the time of Bid Closing.

5.4.3 Public Improvement Contracts & Contracts for Highways, Bridges and Other Transportation Projects:

5.4.3.1 Bids on Public Improvement contracts for one hundred thousand dollars (\$100,000.00) or less, and contracts for highways, bridges and other transportation projects for fifty thousand dollars (\$50,000.00) or less, are exempt from the requirement of a Bid Bond, a Performance Bond and a Payment Bond.

5.4.3.2 Bids on Public Improvement contracts for more than one hundred thousand dollars (\$100,000), and contracts for highways, bridges and other transportation projects for more than fifty thousand dollars (\$50,000), must be accompanied by a Bid Bond, Performance Bond and Payment Bond.

5.4.4 Emergency Contracts. For all contracts awarded under Roseburg Municipal Code Subsection 3.06.025(F), the City Council or the Purchasing Agent may waive the requirements for Bid Bond, the Payment Bond and the Performance Bond. Upon receiving the Purchasing Agent's report regarding the emergency conditions necessitating waiver, as required by Roseburg Municipal Code Subsection 3.06.025(F), the Council may modify or reject the Purchasing Agent's decision to waive Bond requirements.

5.4.5 Public Works Bond. Before beginning work on a public works contract, a contractor or subcontractor, unless exempt under ORS 279C.800 to 279C.870, shall submit a \$30,000 Public Works Bond to the Construction Contractors Board and certify to the City that such Bond has been submitted. In case of an emergency, or when the City's interest or property would probably suffer material injury by delay or other cause, the requirement to file a Public Works Bond may be excused if the Purchasing Agent has declared an emergency under Roseburg Municipal Code Section 3.06.025.

5.4.6 Submittal and Return of Bid Bonds. When required by the above Subparagraphs, the Bid Bond shall accompany the bid in the form of cash, certified check, cashier's check, irrevocable letter of credit or Bid Bond in a form approved by City, and in an amount equal to ten percent (10%) of the total amount of the bid. There shall be no exceptions to this provision. All required Bid Bonds, excepting that of the Contractor submitting the successful bid, will be returned by mail for paper Bid Bonds, and by email for electronic Bid Bonds, within thirty (30) calendar days after the Contract has been awarded. The Bid Bond from the successful Contractor will be retained until bidder has entered into a satisfactory Contract with the City, and when required, furnished a Performance Bond to assure performance of the Contract, a Payment Bond to assure payment of the obligations incurred in the performance of the Contract and the Public Works Bond Confirmation form executed by the Contractor. Should the successful bidder fail or refuse to execute the Contract and/or furnish the Payment Bond, Performance Bond or Public Works Bond Confirmation form as required, the Bid Bond deposited by said bidder shall be retained as liquidated damages by the City.

5.4.7 Bond Form. The form of all bonds required by the City shall be as the City may prescribe, and shall be with a Surety company satisfactory to the City and authorized to do business in the State of Oregon. Bonds shall be in force for one year after acceptance of the completed Project to cover all guarantees against defective materials and workmanship and all claims by subcontractors or third parties for services or materials provided to Contractor or Contractor's Subcontractors.

5.5 Royalties and Patents. The Contractor shall pay all royalty and license fees, unless otherwise specified. The Contractor shall defend all suits or claims for infringement of any patent rights and shall save the City and the Project Manager harmless from loss on account thereof.

5.6 Permits and Licenses.

5.6.1 The Contractor shall apply for and obtain, but the City shall cover the cost of, all rights-of-way permits, easements, franchises, highway crossing permits and railroad crossing permits as required. The Contractor shall comply with all specifications or requirements stipulated in the permits granted to the City.

5.6.2 The Contractor shall obtain at Contractor's expense, all other permits (such as building permits, burning permits, blasting permits and safety permits),

licenses and inspection fees necessary for construction purposes as required by appropriate local, county, state or federal laws and/or ordinances. The Contractor shall also be registered to do business with the City of Roseburg prior to beginning work on the Contract.

5.7 Laws to be Observed. The Contractor shall keep fully informed of all local and county ordinances, state and federal laws in any manner affecting the Project herein specified. Contractor shall at all times comply with said ordinances, laws and regulations, and the City's Standard Contract Provisions in Exhibit "A" of the Construction Contract; and protect and indemnify the City and City's officers and agents against any claim or liability arising from or based on the violation of any such laws, ordinances, provisions or regulations.

5.8 Safety.

5.8.1 The Contractor will be solely and completely responsible for conditions of the jobsites, including safety of all persons and property during work on the Project. This requirement will apply continuously and not be limited to normal working hours. Safety provisions shall conform to all applicable federal, state, county and local laws, ordinances and codes. The Contractor shall comply with ORS 279C.505(2) drug testing program requirements at all times throughout the completion of the Project.

5.8.2 The Contractor shall also comply with the "U.S. Department of Labor Occupational Safety and Health Act", the "Construction Safety Act" administered by the U.S. Department of Labor, and the "Manual of Accident Prevention in Construction" published by the Associated General Contractors of America, except where these are in conflict with state laws, in which case the more stringent requirement must be followed.

5.8.3 Contractor shall comply with all federal, state and local safety requirements, including but not limited to regulations pertaining to health hazard notification, control of hazardous energy, use of hazardous substances, handling and disposal of hazardous waste, removal and disposal of asbestos, entry into and work in confined spaces and handling of materials containing lead. City will notify Contractor of any hazardous conditions of which City is aware and will provide Contractor with information about City's safety and hazard notification programs. Such notification from the City does not relieve Contractor of any responsibility under the Contract or under federal or state statute, regulation or common law to inform itself of existing and potential hazards, to communicate those hazards to its employees, and to use all reasonable steps to minimize the risk of harm to its employees, other workers and the public.

5.8.4 The Contractor shall maintain at the jobsite all articles necessary for giving first aid to the injured and shall establish the procedure for the immediate removal to a hospital or a doctor's care of persons (including employees) who may be injured on the jobsite.

5.8.5 The duty of the Project Manager to conduct construction review of the Contractor's performance is not intended to include review of the adequacy of the Contractor's safety measures in, on or near the construction sites.

5.8.6 If death, serious injuries or serious damages are caused, the accident shall be reported immediately by telephone or messenger to both the Project Manager and the City. In addition, the Contractor must promptly report in writing to the Project Manager all accidents whatsoever arising out of, or in connection with, work on the Project or adjacent to the sites, giving full details and statements of witnesses.

5.8.7 If any claim is made by anyone against the Contractor or any Subcontractor because of any accident, the Contractor shall promptly report the facts in writing to the Project Manager, giving full details of the claim.

5.9 Equal Opportunity Clause. The provisions of Executive Order 11246 of September 24, 1965, and the Rules and Regulations issued therein are hereby incorporated by reference, and the Contractor agrees, by acceptance of the Contract, to comply with such Executive Order, rules, regulations and amendments thereto, to the extent the same are applicable to the contracting and/or subcontracting of services or work hereunder.

5.10 Warning Signs and Barricades. The Contractor shall provide adequate signs, barricades and lights and take all necessary precautions for the protection of the work under the Project and the safety of the public. All barricades and obstructions shall be protected at night by signal lights which shall be kept burning from sunset to sunrise. Barricades shall be of substantial construction and shall be painted white or whitewashed to increase their visibility at night. Suitable warning signs shall be so placed and illuminated at night as to show in advance where construction, barricades or detours exist.

5.11 Flaggers. In addition to furnishing and maintaining adequate signs, barricades and lights, the Contractor is required to furnish any and all flaggers that are required to control traffic. The City is hereby specifically exempted from furnishing any flaggers for the Project. If flaggers are required on any jobsite, they shall be supplied by the Contractor at no additional cost to the City.

5.12 Public Safety and Convenience. The Contractor shall at all times conduct work on the Project so as to insure the least possible obstruction to traffic and inconvenience to the general public and residents in the vicinity of the Project, and to insure the protection of persons and property in a manner satisfactory to the Project Manager. No road or street shall be closed to the public except with the permission of the Project Manager and proper governmental authority. Temporary provisions shall be made by the Contractor to insure the use of sidewalks and the proper functioning of all gutters, sewer inlets, drainage ditches and irrigation ditches, which shall not be obstructed except as approved by the Project Manager.

5.13 Protection of Work and City's Property. The Contractor shall at all times safely guard the City's property and equipment from injury or loss in connection with Contractor's

work under the Contract. The Contractor shall at all times safely guard and protect the Project and adjacent property (as provided by law and the Contract Documents) from damage. Contractor shall be responsible for any damage to the City's property and equipment which is a result of the Contractor's negligence.

5.14 Sanitary Provisions. The Contractor shall provide and maintain such sanitary accommodations for the use of its employees and those of its subcontractors as may be necessary to comply with the requirements and regulations of the local and state departments of health and as directed by the Project Manager.

5.15 Payment of Prevailing Wages on Public Works in Oregon.

5.15.1 The Contractor and all Subcontractors on the Project shall pay not less than the "prevailing rate of wage" as that term is defined in ORS 279C.800 to 279C.870, and if applicable, the Federal Prevailing Wage required under the Davis-Bacon Act (40 U.S.C. 3141 - 3148), whichever is higher. The determination and application of such prevailing rate of wage is provided for in ORS 279C.800 through 279C.870, and if applicable, the Davis-Bacon Act (40 U.S.C. 3141 - 3148).

5.15.2 If the Bureau of Labor has made no determination of the prevailing rate of wage, it shall be the obligation of the Contractor to determine the same by making application to the Bureau of Labor or otherwise.

5.15.3 The Contractor or the Contractor's surety and every Subcontractor or the Subcontractor's surety shall file certified statements with the City in writing using the form prescribed by the Commissioner of the Bureau of Labor and Industries certifying the hourly rate of wage paid each worker whom the Contractor or the Subcontractor has employed in the work under this Contract and further certifying that no worker employed upon such public work has been paid less than the prevailing rate of wage or less than the minimum hourly rate of wage specified in this Contract. The certified statement shall be verified by the oath of the Contractor or the Contractor's surety or Subcontractor or the Subcontractor's surety that the Contractor or Subcontractor has read the certified statement and knows the contents thereof and that the same is true to the Contractor's or Subcontractor's knowledge. The certified statements shall set out accurately and completely the payroll records for the prior week including the name and address of each worker, the worker's correct classification, rate of pay, daily and weekly number of hours worked, deductions made, and actual wages paid.

5.15.4 Each certified statement shall be delivered or mailed by the Contractor or Subcontractor to the City. A true copy of the certified statement shall also be filed at the same time with the Commissioner of the Bureau of Labor and Industries. Certified statements for each week during which the Contractor or Subcontractor employs a worker upon the public work shall be submitted once a month, by the fifth business day of the following month. Information submitted on certified statements may be used only to ensure compliance with the provisions of ORS 279C.800 to 279C.870 or the Davis-Bacon Act (40 U.S.C. 3141 - 3148), whichever applies.

5.15.5 As provided by ORS 279C.810, the contract amount threshold for application of the state prevailing wage rate law is \$50,000.00.

5.16 Subcontractor and Supplier Agreements. The Contractor shall include in its subcontracts for property or services entered into by the Contractor and a first-tier subcontractor, including a material supplier, for the purpose of performing the Contract:

5.16.1 A payment clause that obligates the Contractor to pay the first-tier subcontractor for satisfactory performance under its subcontract within ten (10) calendar days of payment by the City out of such amounts as are paid to the Contractor by the City under the Contract; and

5.16.2 An interest penalty clause that obligates the Contractor, if payment is not made within thirty (30) calendar days after receipt of payment from the City, to pay to the first-tier subcontractor, an interest penalty on amounts due in the case of each payment not made in accordance with the payment clause included in the subcontract pursuant to this requirement. The Contractor or first-tier subcontractor shall not be obligated to pay an interest penalty if the only reason that the Contractor or first-tier subcontractor did not make payment when payment was due, is that the Contractor or first-tier subcontractor did not receive payment from the City or Contractor when payment was due. The interest penalty shall be:

5.16.2.1 For the period beginning on the day after the required payment date and ending on the date on which payment of the amount is made; and

5.16.2.2 Computed at the rate specified in ORS 279C.515(2).

5.16.3 The Contractor shall include in each of its subcontracts, for the purpose of performance of the Contract condition, a provision requiring the first-tier subcontractor to include a payment clause and an interest penalty clause conforming to the standards set forth in this section and requiring each of its subcontractors to include such clauses in their subcontracts with lower-tier subcontractors or suppliers.

5.16.4 None of the provisions of this section are intended to prevent the Contractor or any subcontractor from including in its contracts, the provision described in ORS 279C.580 (5) and (6).

5.17 Application for and Processing of Subcontractor and Supplier Payments. The Contractor shall provide each first-tier Subcontractor, including a material supplier, with a standard form that the first-tier Subcontractor may use as an application for payment or as another method by which the Subcontractor may claim a payment due from the Contractor. The Contractor, except as otherwise provided in this Subsection, shall use the same form and regular administrative procedures for processing payments during the entire term of the subcontract. The Contractor may change the form or the regular administrative procedures the Contractor uses for processing payment if the Contractor:

5.17.1 Notifies the Subcontractor in writing at least forty-five (45) calendar days before the date on which the Contractor makes the change; and

5.17.2 Includes with the written notice a copy of the new or changed form or a description of the new or changed procedure.

6. PROGRESS AND COMPLETION OF PROJECT

6.1 Contract Time and Commencement of Construction. The Contractor shall be capable of commencing construction on the Project covered under the Contract within ten (10) calendar days after signing of the Construction Contract. The Contract shall be in effect from the time it is signed until the Project is complete and accepted by the City. During periods when weather or other conditions are unfavorable for construction, the Contractor shall pursue only such portions of the work that will not be damaged thereby. Contractor shall not construct any portion of the work during the time unfavorable conditions exist that are likely to adversely affect the quality or efficiency of the work. It is expressly understood and agreed by and between the Contractor and the City that the Contract time specified for completion of the work described herein is a reasonable time, taking into consideration the average climatic and economic conditions and other factors prevailing in the locality of the work.

6.2 Preconstruction Conference. A preconstruction conference will be scheduled by the City prior to commencement of construction. The Contractor will be notified of the time and place of this conference and shall be required to attend. Ten (10) calendar days prior to the preconstruction conference, the Contractor shall provide to the Project Manager four (4) copies of a project work schedule for review and approval. The Contractor has an affirmative duty to update the construction schedule each time changes occur.

6.3 Prosecution of the Project.

6.3.1 It is expressly understood and agreed that the time of beginning, rate of progress and time of completion of the Project are of the essence of the Contract. The Contractor shall perform the construction of said Project with due diligence and at such a rate and in such a manner as, in the opinion of the Project Manager, is necessary for completion within the time set forth in Paragraph 4 of the Contract.

6.3.2 After commencement of construction on the Project by the Contractor, if the Contractor is delayed by reason of the failure of the City to provide sufficient materials for construction thereof or to provide continuous open right-of-way, then the completion date of said Project shall be extended to the extent that the Contractor is delayed in carrying on said Project by reason of such failure on the part of the City.

6.3.3 The Contractor shall arrange its work and dispose of materials so as to insure the least possible interference and inconvenience to the landowners on or beside whose property the construction is taking place, or to the public where the

construction lies in or near a public thoroughfare. Contractor shall employ only such number of construction crews as are reasonably necessary to construct said Project within the allotted time. The City may require the employment of an additional crew or crews, if in its judgment it is necessary in order to complete said Project with the time required.

6.3.4 If the Contractor desires to carry on work at night or outside the regular hours, timely notice shall be given to the Project Manager to allow satisfactory arrangements to be made for inspecting the Project in progress.

6.4 Provisions for Delays:

6.4.1 Notice of Delays. Whenever the Contractor foresees any delay in the prosecution of the work, and in any event, immediately upon the occurrence of any delay which the Contractor regards as unavoidable, Contractor shall notify the Project Manager in writing on the probability of the occurrence of such delays, the probable duration and cause. The Contractor shall take immediate steps to prevent the occurrence or continuance of the delay. If this cannot be done, the Project Manager shall determine how long the delay will probably continue and to what extent the prosecution and completion of the work are being delayed thereby. The Project Manager shall also determine whether the delay is to be considered avoidable or unavoidable and shall notify the Contractor of his/her determination. The Contractor shall not make a claim for delays that are not called to the attention of the Project Manager at the time of their occurrence.

6.4.2 Avoidable Delays Defined. Avoidable delays in the prosecution or completion of the work include, but are not limited to:

- 6.4.2.1** All delays that could have been avoided by the exercise of care, prudence, foresight and diligence on the part of the Contractor or its Subcontractor;
- 6.4.2.2** Delays that do not necessarily prevent or delay the prosecution of other parts of the work or the completion of the whole work within the time specified;
- 6.4.2.3** Reasonable delays resulting from time required by the City and Project Manager for approval of plans submitted by the Contractor and for the making of surveys, measurements, testing and inspections; and
- 6.4.2.4** Delays arising from interruptions occurring in the prosecution of the work on account of the reasonable interference from other contractors employed by the City which do not necessarily prevent the completion of the whole work within the time specified.

6.4.3 Unavoidable Delays Defined. Unavoidable delays in the prosecution or completion of the work include, but are not limited to, all delays (other than

avoidable delays as defined above) that result from causes beyond the control of the Contractor and that could not have been avoided by the exercise of care, prudence, foresight and diligence on the part of the Contractor or its Subcontractors. Delays caused by other contractors employed by the City will be considered unavoidable delays only insofar as they interfere with the Contractor's completion of the work. Delays due to normal weather condition are not regarded as unavoidable delays insofar as they interfere with the Contractor's completion of the work. If the Project Manager determines the Contractor has experienced an unavoidable delay, and further that such delay has affected the controlling operations of the work, the City shall grant to the Contractor an extension of time for Contract performance, not to exceed the number of calendar days of unavoidable delay experienced by the Contractor. The Contractor has no remedy for unavoidable delay except as provided by this paragraph. Delays due to normal weather conditions are not regarded as unavoidable as the Contractor agrees to plan its work with prudent allowances for interference by normal weather conditions. Delays caused by acts of God, fire, unusual storms, flood, earthquakes, epidemics, quarantine restrictions, strikes, labor disputes and freight embargoes are considered unavoidable delays insofar as they interfere with the Contractor's completion of the work. Delays caused by shortages of materials are considered unavoidable providing the Contractor can prove to the City that the Contractor has made reasonable and timely attempts to secure the material(s).

A rainstorm, windstorm, high water or other natural phenomenon for the specific locality of the work, which might reasonably have been anticipated from historical records of the general locality of the work, do not constitute unusually severe weather. For the purposes of this Contract, rainfall data is assumed to be the same as that measured at the Roseburg Regional Airport by the Environmental Data Service of the National Oceanic and Atmospheric Administration (NOAA) of the U.S. Department of Commerce.

6.4.4 Time Extension for Delays.

6.4.4.1 Extensions for Avoidable Delays. In case the work is not completed in the time specified, including extensions of time as may have been granted for unavoidable delays, the Contractor will be assessed damages for those costs incurred by the City that are attributable to the fact the work was not completed on schedule. The City may grant an extension of time for avoidable delay if the City deems it in its best interest. The Contractor shall compensate the City, in exchange for granting an extension of time for avoidable delay, for the actual costs to the City of Project management, inspection, general supervision and overhead expenses which are directly chargeable to the work and that accrue during the period of such extension. The actual costs do not include charges for final inspection and preparation of the final estimate by the City.

6.4.4.2 Extensions for Unavoidable Delays. For delays the Contractor considers unavoidable, the Contractor shall submit to the Project Manager, complete information demonstrating the effect of the delay on the controlling operation in its construction schedule. The submission must be made within ten (10) calendar days of the beginning of the occurrence which is claimed to be responsible for the unavoidable delay. The Project Manager shall review the Contractor's submittal and determine the number of calendar days of unavoidable delay, if any, and the effect of such delay on the controlling operations of the work. If the Project Manager determines the Contractor has experienced an unavoidable delay, and further that such delay has affected the controlling operations of the work, the City shall grant to the Contractor an extension of time for Contract performance, not to exceed the number of calendar days of unavoidable delay experienced by the Contractor. The Contractor has no remedy for the unavoidable delay except as provided in this Section. During such extension of time, neither charges for the inspection nor administration nor damages for delay will be assessed against the Contractor. It is understood and agreed by the Contractor and the City that time extensions due to unavoidable delays involve controlling operations that would prevent completion of the whole work within the specified time.

If the Contractor disagrees with the Project Manager's determination, the Contractor may appeal such determination to the City Manager in accordance with Paragraph 3.4.2.

- 6.5 Changes in the Project.** The City may, as the need arises, order changes in the Project through additions, deletions or modifications without invalidating the Contract. Compensation and time of completion affected by the change shall be adjusted at the time of ordering such change.
- 6.6 Extra Work.** New and unforeseen items of work found to be necessary but which cannot be covered by any item or combination of items for which there is an established Contract price, shall be classified as extra work. Upon written order from the City and approval from the Project Manager, the Contractor shall do such extra work as may be required for the proper completion or construction of the whole Project contemplated. In the absence of such written order, no claim for extra work shall be considered. Extra work shall be performed in accordance with these Specifications where applicable and work not covered by the Specifications or special provisions shall be done in accordance with the best practice as approved by the Project Manager. Extra work required in an emergency to protect life and property shall be performed by the Contractor as required. Contractor shall notify the Project Manager of the emergency as soon as possible, but shall begin work prior to providing notice if immediate work is necessary to protect life or property.

6.7 Unforeseen Difficulties. A delay beyond the Contractor's control occasioned by an act of God, or by strikes, lockouts, fire, etc., may entitle the Contractor to an extension of time to complete the Project as determined by the Project Manager, provided however, that the Contractor shall immediately give written notice to the Project Manager of the cause of such delay. In no event shall the Contractor be entitled under the Contract to collect or recover any damages, loss or expense incurred by any delay other than as caused by the City as stipulated hereinabove in Subsection 6.3 "Prosecution of the Project".

6.8 Use of Completed Portions. The City shall have the right to take possession of and use any completed or partially completed portions of the Project. Such use shall not be considered as final acceptance of any portion of the Project, nor shall such use be considered as cause for an extension of Contract completion time unless authorized by a change order issued by the City.

6.9 Liquidated Damages. If the Contractor fails to complete the work, or any part thereof, in the time agreed upon in the Contract or within such extra time as may have been allowed for delays by extensions granted as provided in the Contract, the Contractor shall reimburse the City for the additional expense and damage for each calendar day that the Contract remains uncompleted after the Contract completion date. It is agreed that the amount of such additional expense and damage incurred by reason of failure to complete the Contract is the per diem rate as stipulated in the Bid. The amounts are hereby agreed upon as liquidated damages for the loss to the City.

It is expressly understood and agreed that this amount is not to be considered in the nature of a penalty but as damages for delay which have accrued against the Contractor. The exact amount of damage that would be sustained by the City due to delay is difficult, if not impossible, to accurately ascertain, but the parties believe the specified amount of liquidated damages to be a reasonable forecast of the damage for delay that the City would likely sustain. Such liquidated damages are in addition to any other ascertainable damage, other than for delays that the City sustains for Contractor's breach of the Contract. The City may deduct such damages from any amount due, or that may become due the Contractor or the amount of such damages becomes due and may be collected from the Contractor or its Surety.

6.10 Substantial Completion. Substantial Completion shall have the meaning set forth in Subsection 1.1 "Definitions" of these General Conditions.

Upon consideration by the Contractor that a determination of Substantial Completion of the Project, or a designated portion thereof, is completed, the Contractor shall so notify the Project Manager in writing. This notice shall include the Contractor's list of any minor incomplete contract work items to finish the Project. Upon receipt of the written notification, the Project Manager will promptly, by personal inspection, determine the actual status of the work in accordance with the terms of the Contract. If the Project Manager finds that the terms of Substantial Completion of the Contract have not yet been met, the Project Manager will so inform the Contractor. If, instead, the Project Manager determines from the inspection that the work, or the designated portion thereof, has met the terms of Substantial Completion, the Project Manager will issue to the

Contractor a “Written Notice of Substantial Completion” along with a Punch List of any deficient work items needing repair or correction. The Contractor agrees to complete all such corrective work within thirty (30) calendar days after submission of the Punch List to the Contractor by the Project Manager. If the Contractor fails to complete the corrective work within the thirty (30) calendar days, the Contractor is liable to the City in the amount stated in the liquidated damages section of the Contract for each day thereafter until all corrective work is completed. The City shall be entitled to deduct liquidated damages from final payment.

6.11 Final Completion. The Contractor shall notify the Project Manager in writing requesting a designation of Final Completion at the completion of the punch list items related to the Substantial Completion designation, and at the completion of any other items necessary to the completion of the Project. The Project Manager will inspect these remaining items, and upon satisfactory completion, will issue a written “Notice of Final Completion” which shall be subject to the City’s Final Acceptance. In the event some items are not ready for the City’s Final Acceptance the City may, without waiving any of the City’s right to the portion(s) of the Project not yet receiving Final Acceptance, nonetheless provide Final Acceptance for those portion(s) of the items of the Project the City deems appropriate. As stated in Subsection 4.13, the terms of the guarantee commence on the date of the City’s Written Notice of Final Acceptance for that portion of the work.

7. MEASUREMENT AND PAYMENT

7.1 General.

7.1.1 All work acceptably completed under the Contract shall be measured by the Project Manager according to United States Standard Measures, and the quantities of work performed or materials furnished shall be computed on the basis of such measurements.

7.1.2 The Contractor shall accept the compensation as herein provided in full payment for furnishing all materials not provided by the City and all labor, tools and equipment; for performing all work under the Contract; for all loss or damage arising from the nature of the Project other than unforeseeable environmental conditions as described in ORS 279C.525, the action of the elements or any unforeseen difficulties which may be encountered during the prosecution of the Project, until its final acceptance by the City.

7.2 Payments. The City shall make monthly progress payments within thirty (30) calendar days from the date of the pay request for work which has been completed and accepted by the City per ORS 279C.570.

7.3 Final Payment. The City shall retain five percent (5%) of all payments until the entire Project has been given Final Acceptance by the City. The entire Project must be accepted by the City prior to releasing retainage. Upon the City’s acceptance of the entire Project, the retainage will be released and the Contractor shall be responsible for the workmanship and materials for one year thereafter as provided in Subsection 4.13.

If the contract price exceeds \$500,000, the City will place amounts deducted as retainage into an interest-bearing escrow account. Interest on the retainage amount accrues from the date the payment request is approved until the date the retainage is paid to the Contractor.

7.4 City's Right to Withhold Payment. The City may withhold payment in whole or in part on an approved invoice to the extent necessary to protect City from loss due to any of the following causes discovered subsequent to approval of the invoice by the Project Manager or the Project Manager's representative:

7.4.1 Defective work;

7.4.2 Evidence indicating the probable filing of claims by other parties against the Contractor;

7.4.3 Failure of the Contractor to make payments to Subcontractors, material suppliers or workers; or

7.4.4 Damage to another contractor.

7.5 Payment for Uncorrected Work. Should the Project Manager direct the Contractor not to correct work that has been damaged or that was not performed in accordance with the Contract Documents, the City may make an equitable deduction from the amount due to the Contractor on the Project in order to compensate the City for the uncorrected work.

7.6 Payment for Extra Work. In any case where the Contractor deems additional compensation is due Contractor for work or materials not clearly covered in the Contract Documents or not ordered by the Project Manager according to provisions of the Contract Documents, the Contractor shall notify the Project Manager, in writing, of his intention to make a claim in order that such matters may be settled, if possible, or other appropriate action promptly taken. If such notification is not given, or the Project Manager is not afforded proper facilities by the Contractor for keeping strict account of actual cost, then the Contractor hereby waives the claim for such extra compensation. Such notice by the Contractor, and the fact that the Project Manager has kept account of the cost as aforesaid, shall not in any way be construed as proving the validity of the claim. Claims for additional compensation shall be made in itemized detail and submitted, in writing, to the City and Project Manager within ten (10) calendar days following completion of that portion of the Project for which the Contractor makes his claim. In case the claim is found to be just, it shall be allowed and paid under a supplemental agreement to be entered into between the parties to the Contract.

7.7 Release of Liens.

7.7.1 Before the City pays the Contractor for the work included under the Contract, the Contractor shall sign and deliver to the City a release of liens or claims sworn to under oath and duly notarized. The release shall state that the Contractor has satisfied all claims and indebtedness of every nature in any way connected with the Project, including but not limiting the generality of the

foregoing, all payrolls, amounts due to subcontractors, accounts for labor performed and materials furnished, incidental services, liens and judgments.

7.7.2 If any lien or claim remains unsatisfied after payment to the Contractor is made, the Contractor shall refund to the City all monies that the City may be compelled to pay in discharging such a lien or claim, including all costs and reasonable attorneys' fees.

7.8 Acceptance of Payment Constitutes Release. The acceptance by the Contractor of a payment for the invoice shall release the City from all claims and liability to the Contractor for all things done or furnished in connection with the work specified on said invoice, and every act of the City and others relating to or arising out of the Project. No payment, however, final or otherwise, shall operate to release the Contractor or his Sureties from obligations under the Contract, the Performance Bond or the Payment Bond as herein provided.

7.9 Correction of Defective Work. The Project Manager's approval of the invoice for work completed and the City's payment to the Contractor on such invoice, shall not relieve the Contractor of the responsibility for faulty materials or workmanship on said work during the one-year guarantee period as stipulated in Subsection 4.13. The one-year guarantee period for each portion of the Project begins when each portion of the Project receives written notice of Final Acceptance from the City. The City shall promptly give notice of faulty materials or workmanship which are discovered within the one-year guarantee period and the Contractor shall promptly replace any such defects. If the Contractor fails to make the repairs and replacements promptly, the City may do the work, and the Contractor and Contractor's Surety shall be liable for the cost thereof.

8. ENVIRONMENTAL MATTERS

8.1 Contractor Compliance. Contractor shall comply with, and require its Subcontractors to comply with, all applicable federal, state and local statutes, ordinances, orders, rules and regulations relating to the protection of human health and environment, including but not limited to, the use, storage, release, spill, disposal or other handling of petroleum products and other hazardous substances.

8.2. Unanticipated Regulatory Compliance and Site Conditions.

8.2.1 If Contractor is delayed or additional work is required due to the enactment of new or an amendment to existing statutes, ordinances or regulations relating to the prevention of environmental pollution and the preservation of natural resources occurring after submission of the successful bid, City may, at its sole discretion:

8.2.1.1 terminate the Contract;

8.2.1.2 complete the Project itself;

8.2.1.3 use non-City forces already under contract with the City;

- 8.2.1.4** require that the underlying property owner be responsible for the additional work;
- 8.2.1.5** call for bids for a new contractor to provide the necessary services; or
- 8.2.1.6** issue Contractor a change order setting forth the additional work that must be undertaken.

8.2.2 If Contractor encounters a condition not referred to in the Contract Documents, not caused by Contractor and not discoverable by a reasonable pre-bid visual site inspection, and such condition requires compliance with the regulations referred to in Paragraph 8.2.1 above, Contractor shall immediately provide City notice of the condition. Except as required by any environmental or natural resource regulation, or, in case of an emergency, Contractor shall not commence work or incur any additional job site costs with regard to the condition encountered without written direction from the City. Upon request, Contractor shall estimate emergency or regulatory compliance costs as well as the anticipated delay and costs resulting from the encountered condition, and promptly deliver such estimate to City for resolution.

8.2.3 In the event of an occurrence of an unanticipated site condition as described in Paragraph 8.2.2 above, City, within a reasonable period of time, may do any of the following at its sole discretion:

- 8.2.3.1** terminate the Contract;
- 8.2.3.2** complete the Project itself;
- 8.2.3.3** use non-City forces already under contract with the City;
- 8.2.3.4** require that the underlying property owner be responsible for the additional work;
- 8.2.3.5** call for bids for a new contractor to provide the necessary services; or
- 8.2.3.6** issue Contractor a change order setting for the additional work that must be undertaken.

8.2.4 In the event City terminates the Contract under Subparagraph 8.2.1.1 or 8.2.3.1, Contractor shall be entitled to all costs and expenses incurred to the date of the termination, including overhead and reasonable profits, on the percentage of the Project completed. Contractor shall not be entitled to profits or consequential damages on the uncompleted portion of the Contract. If the City chooses to issue a change order or terminate the Contract for either of the reasons set forth in Paragraph 8.2.1 or 8.2.3, Contractor agrees to provide the City access to Contractor's documentation used to prepare Contractor's bid in

order to assist City in making the City's determination of the additional compensation to be paid.

9. CHANGE ORDERS.

9.1 Authorized Changes in the Work. Changes to the drawings, specifications, quantities or details of the Project are inherent in the nature of construction and may be necessary or desirable during the course of Project construction. Without impairing or invalidating the Contract, the City may at any time, without notice to any surety, by written order designed or indicated to be a Change Order or a Proposal Request, make any change in the work within the general scope of the Contract, including, but not limited to changes:

9.1.1 In the Plans and Specifications (including drawings and designs);

9.1.2 In the time, method, or manner of performance of the work;

9.1.3 In the City-furnished facilities, equipment, materials, services or site; or

9.1.4 Directing acceleration in the performance of the work.

9.2 Unauthorized Changes in the Work. The Contractor shall not be entitled to an increase in the Contract price or an extension of the Contract times with respect to any work performed that is not required by the Contract Documents as amended, modified or supplemented except in the case of an emergency. In the event of an emergency, the Contractor has seven (7) calendar days to notify the Project Manager of the nature and extent of the emergency. If notification is not provided within seven (7) calendar days, no time adjustment or cost compensation will be allowed.

9.3 Execution of Change Orders. The City and the Contractor shall execute appropriate Change Orders and Proposal Requests and upon receipt of an approved Change Order or Proposal Request, the Contractor shall perform the work as modified. If the Change Order increases the Contract amount, the Contractor shall notify Contractor's Surety of the increase and shall provide the City with a copy of any resulting modification to the Bond documents. Change Order and Proposal Requests shall clearly state all costs and schedule adjustments.

9.4 No Oral Change Orders. No oral order, statement or conduct of the City constitutes a Change Order or entitles the Contractor to an equitable adjustment.

9.5 Change of Contract Price.

9.5.1 The Contract price may only be changed by a Change Order.

9.5.2 The value of any work covered by a Change Order or of any claim for an adjustment in the Contract price will be determined as follows:

- 9.5.2.1** Where the work involved is covered by the unit prices contained in the Contract Documents, by application of such unit prices to the quantities of the items involved; or
- 9.5.2.2** Where the work involved is not covered by unit prices contained in the Contract Documents, by a mutually agreed lump sum; or
- 9.5.2.3** Where the work involved is not covered by the unit prices contained in the Contract Documents and agreement to a lump sum is not reached under Subparagraph 9.5.2.2, time and materials basis plus the Contractor's fee for overhead and profit as defined in Paragraph 9.5.3.

9.5.3 Percentage Allowances. For work negotiated and completed on a time and materials basis the Contractor's maximum allowable percentage markup of such costs shall be as follows:

Materials	15%
Equipment	15%
Labor	20%
Special Services	15%

- 9.5.3.1** When a subcontractor performs work under a time and materials Change Order, the Contractor will be allowed a supplemental markup of 5% on the subcontractor's charges.

9.6 Lump Sum Change Orders. Whenever practicable, changes in Contract price resulting from extra work will be determined by a mutually agreed-upon lump sum price. The Contractor's proposal for such changes must include a detailed breakdown of all labor and materials to be performed by its forces and by the forces of its Subcontractors and material suppliers.

Costs for labor, material, rentals, approved services, and for overhead and profit for the Contractor, Subcontractor and material suppliers must be calculated as specified under the Subsection 9.7.

When the City desires a price quotation from the Contractor for a proposed change to the Contract, the Project Manager will issue a Proposal Request describing the proposed changes. The Contractor shall respond with a price quote within ten (10) calendar days of the issuance of the Proposal Request.

Contractor's quotations for Change Orders and Proposal Requests must be in writing and firm for a period of thirty (30) calendar days. Any compensation paid in conjunction with the terms of a Change Order compromises the total compensation due the Contractor for the modification defined in the Change Order. By signing the Change Order or Proposal Request, the Contractor acknowledges that the stipulated compensation includes payment for the modification plus all payment for the interruption of schedules, extended overhead, delay or any other impact claim or ripple effect, and by such signing specifically waives any reservation or claim for additional compensation

or claim for Contract time extension in respect to the subject Change Order or Proposal Request.

The City's request for quotations on modifications to the work is not considered authorization to proceed with the work prior to the approval of a formal Proposal Request or Change Order, and such request does not justify any delay in existing work.

9.7 Time and Material Change Orders. Whenever the Contractor is directed by written notice from the Project Manager as the City's representative, to perform extra work on a time and material basis, the Contractor shall furnish labor, equipment and materials necessary to complete the work in a satisfactory manner and within a reasonable period of time. For the work performed, payment will be made for the documented actual necessary expense of the following:

9.7.1 Field and office labor, including estimating and procurement personnel and foremen, who are directly assigned to the time and materials work (actual payroll cost, including wages, fringe benefits as established by law). The cost of labor includes any employer payment to or on behalf of the worker for health and welfare, pension, vacation and similar purposes. Where subsistence and travel allowances are required for performance of extra work, the charges consist of the actual amount paid to each worker. No other fixed labor burdens will be considered unless approved in writing by the City.

9.7.2 Material delivered and used on the designated work, including sales tax, if paid by the Contractor or its Subcontractor.

9.7.3 Rental or equivalent rental cost of equipment, including necessary transportation, for items having a value in excess of \$100. When equipment is not rented, the equivalent rental cost of equipment is based on the standard rental rates for Contractor-owned equipment, but in no event exceeds the rental rates set forth in the most current edition of the "Equipment Watch Rental Rate Blue Book", published by Penton Media. For equipment not listed in the Blue Book, the rental rate is as listed by the local section of the Associated General Contractors. If the equipment is not listed by the Associated General Contractors, the rental rate will be mutually agreed upon in writing between the Contractor and City prior to the use of the unlisted equipment. The reasonable cost of moving equipment onto and off the job site may be included, but equipment rental will not be paid when the equipment is inoperative due to breakdowns. Individual pieces of equipment or small tools having a replacement value of \$100 or less are considered as included in the overhead allowances and no additional payment therefore will be made.

When equipment is used on the extra work for less than five (5) business days, hourly rates will be used. Less than thirty (30) minutes of operation are considered ½ hour of operation. When equipment is used on the extra work for more than five (5) business days, weekly rates apply. In this case, less than four (4) hours of operation is considered to be ½ calendar day of operation.

Rental or equivalent rental cost will be allowed for only those days or hours during which the equipment is in actual use. Rental and transportation allowances must not exceed the current rental rates prevailing in the locality. The rentals allowed for equipment are understood to cover all fuel, supplies, repairs, and renewals.

The City reserves the right to furnish such materials and equipment as it deems expedient, and the Contractor has no claim for profit or added fees on the cost of such materials and equipment.

9.7.4 The added fixed fees defined in Paragraph 9.5.3 constitute full compensation for the cost of general supervision, overhead, profit and any other general expense.

9.7.5 If a dispute occurs over payment for work provided on a time and material basis, the dispute is not cause for stopping work.

9.7.6 The Contractor shall maintain accurate and detailed records for all work performed on a time and materials basis. These records must reflect all the actual necessary expenses pertaining to the extra work and must at all times be available for audit by the City.

9.7.7 The Contractor shall make clear distinction in its records between the direct costs of work paid for on a time and materials basis and the costs of other work. The Contractor shall furnish the Project Manager report sheets in duplicate of each day's work that itemize the labor, materials and equipment used, and shall make the report sheets available for the City's review. The daily report sheet must provide names or identifications and classifications of workers, the hours worked, the sizes, types and identification numbers of equipment, and hours operated. Daily report sheets must be signed by the Contractor or its authorized agent and verified by the Project Manager.

9.7.8 To receive partial payments and final payment for time and materials work, the Contractor shall submit to the Project Manager, in a manner approved by the Project Manager, detailed and complete documented verification of the Contractor's and any of its Subcontractor's actual cost incurred. Material and rental charges must be substantiated by copies of vendors' invoices. Such costs must be submitted within thirty (30) calendar days after said work has been satisfactorily completed.

TECHNICAL PROVISIONS

CITY OF ROSEBURG

**SE STEPHENS WATER MAIN REPLACEMENT
PROJECT NO. 23WA12**

PREPARED FOR:



JUNE 11, 2024

TECHNICAL PROVISIONS

WORK TO BE DONE

The Work to be done under this Contract consists of the following on the **23WA12 Stephens Waterline Replacement**.

1. Furnish, install, and remove temporary traffic control devices and temporary erosion control measures.
2. Construct waterline replacement.
3. Construct sanitary sewer extension.
4. Perform additional and incidental Work as called for by the Specifications and Plans.

APPLICABLE SPECIFICATIONS

The Standard Specifications, which are applicable to the work on this project, are”

- APWA/ODOT 2021 edition of the “Oregon Standard Specifications for Construction”, including addendums and updates:

All number references in these special provisions shall be understood to refer to the Sections and subsections of the Standard Specifications bearing like numbers and to Sections and subsections contained herein in their entirety. Standard Specifications not specifically addressed in these Special Provisions shall be complied with if applicable.

CLASS OF PROJECT

This is a City of Roseburg Project.

Section 00110 – Organization, Conventions, Abbreviations, and Definitions

Comply with Section 00110 of the Standard Specifications modified as follows:

00110.00 Meaning and Terms - Add the following after the last bullet:

- This is a City of Roseburg project. Substitute terms pertaining to:
 - Transportation Commission with Roseburg City Council
 - Engineer with Public Works Director or her authorized representatives
 - Department with the City of Roseburg
 - Other like terms with City of Roseburg substitutes

00110.05(e) Reference to Websites - Add the following bullet list to the end of this subsection:

- American Traffic Safety Services Association (ATSSA)
www.atssa.com
- BidExpress
www.bidx.com
- ODOT Construction Section
www.oregon.gov/odot/construction/pages/index.aspx

- ODOT Construction Section - Qualified Products List (QPL)
www.oregon.gov/ODOT/Construction/Pages/Qualified-Products.aspx
- ODOT Electronic Bidding Information Distribution System (eBids)
(Also referred to as ODOT eBids website)
ecm.odot.state.or.us/cf/EBIDS/
- ODOT Estimating
www.oregon.gov/ODOT/Business/Pages/Steel.aspx
- Oregon Legislative Counsel
www.oregonlegislature.gov/lc
- ODOT Procurement Office - Conflict of Interest Guidelines and Disclosure Forms
www.oregon.gov/ODOT/Business/Procurement/Pages/PSK.aspx
- ODOT Procurement Office - Construction Contracts Unit Notice of Intent
www.oregon.gov/ODOT/Business/Procurement/Pages/NOI.aspx
- ODOT Procurement Office - Construction Contracts Unit prequalification forms
www.oregon.gov/odot/business/procurement/pages/bid_award.aspx
- Oregon Secretary of State: State Archives
sos.oregon.gov/archives/Pages/default.aspx
- ODOT Traffic Control Plans Unit
www.oregon.gov/ODOT/Engineering/Pages/Work-Zone.aspx
- ODOT Traffic Standards
www.oregon.gov/ODOT/Engineering/Pages/Signals.aspx

SECTION 00120 - BIDDING REQUIREMENTS AND PROCEDURES

Replace Section 00120 of the Standard Specifications except for the Section number and title, with the following:

Comply with the City of Roseburg “General Conditions” located within this booklet and supplemented and/or modified as follows:

The plans, which are applicable to the work to be performed under the contract, bear title and date as follows:

Stephens Waterline Replacement
Project # 23WA12

Examination of Work Site and Bidding Documents – Before submitting a bid, bidders shall carefully examine the site of the proposed work, the bid booklet, plans, and specifications. Submission of a bid will be considered proof that the bidder has examined the site and bidding documents and understands the conditions to be encountered in performing the work and all requirements of the contract.

The City or its employees or agents will not be responsible for loss or unanticipated costs suffered by the bidder because the bidder failed to become fully informed about all conditions of the work. Any

explanation or interpretation of plans and specifications needed by the bidder shall be requested in writing and directed to the following:

- Technical Information pertaining to work on this project:

Rawley Voorhies, P.E., Century West Engineering
5500 Meadows Road, Suite 250
Lake Oswego, OR 97035
(503) 740-8444
rvoorhies@centurywest.com

- All other requests:

City of Roseburg City Recorder
900 SE Douglas
Roseburg, OR 97470
(541) 492-6866
anytes@cityofroseburg.org

The request shall be made in sufficient time for the reply to reach the bidders before submission of the bidder's bid. No requests will be answered that are submitted less than 10 days prior to the bid submission deadline. Refer to "Information to Bidders". Oral explanations or interpretations given before receiving bids for a project will not be binding. To be binding, interpretation of the plans and specifications by the City must be made by written addendum or written clarification furnished to all plan holders.

Changes to Plans, Specifications, or Quantities before Opening of Bids – The City reserves the right to issue addenda making changes or corrections to the plans, specifications, or quantities. Only holders of bidding documents obtained from the ORPIN will be notified of these changes or corrections by email, sent to the bidder's email address as it appears on the plan holder's list files.

The City will not be responsible for failure of bidders to receive addenda sent as described in the preceding paragraph. Bids will be rejected if opened and found not to be based on changes or corrections sent before bids were opened.

Disqualification of Bidders – Any of the following reasons may be sufficient to disqualify a bidder and cause its proposal(s) to be rejected:

- More than one proposal for the same work from an individual, partnership, corporation, or joint venture under the same or different name
- Evidence of collusion among bidders. Participants in collusion will be found not responsible and may be subject to criminal prosecution.
- The reasons cited in ORS 279.037

A bidder will be disqualified if the bidder has:

- Not been prequalified as required by the Information for Bidders, Section 9
- Been declared ineligible by the commissioner of the Bureau of Labor and Industries under ORS 279.361.
- Not registered with the Oregon Construction Contractors Board or been licensed by State Landscape Contractors Board before submitting a bid (ORS 279.025(2)(k) and (671.530)). The bidder's registration number and expiration date shall be shown in the proposal form, if

requested. Failure to furnish the registration number, if requested, will render the bid non-responsive and subject to rejection. (Not required on Federal-Aid projects.)

SECTION 00130 - AWARD AND EXECUTION OF CONTRACT

Replace Section 00130 of the Standard Specifications except for the Section number and title, with the following:

Comply with the City of Roseburg "General Conditions".

SECTION 00140 - SCOPE OF WORK

Comply with the City of Roseburg "General Conditions" and Section 00140 of the Standard Specifications.

SECTION 00150 - CONTROL OF WORK

Comply with the City of Roseburg "General Conditions" and Section 00150 of the Standard Specifications modified as follows:

00150.10(a) Order of Precedence - Replace this subsection, except for the subsection number and title, with the following:

The Engineer will resolve any discrepancies between these documents in the following order of precedence:

Contract Change Orders;

- Special Provisions;
- Stamped Agency-prepared drawings specifically applicable to the Project and bearing the Project title;
- Reviewed and accepted, stamped Working Drawings;
- Supplemental Agency-prepared line, grade and cross section data applicable to the project;
- Standard Drawings;
- Approved unstamped Working Drawings;
- City of Roseburg "General Conditions";
- Standard Specifications; and
- All other Contract Documents not listed above.

Notes on a drawing shall take precedence over drawing details.

Dimensions shown on the drawings, or that can be computed, shall take precedence over scaled dimensions.

00150.15(b) Agency Responsibilities - Replace this subsection, except for the subsection number and title, with the following:

The Engineer will perform the Agency responsibilities described in the Construction Surveying Manual for Contractors, Chapter 1.5 (see Section 00305).

00150.15(c) Contractor Responsibilities - Replace this subsection, except for the subsection number and title, with the following:

The Contractor shall perform the Contractor responsibilities described in the Construction Surveying Manual for Contractors, Chapter 1.6 (see Section 00305).

The Contractor shall perform slope staking including intersections and set stakes defining limits for clearing which approximate right-of-way and easements.

00150.30 Delivery of Notices - Add the following to the end of this subsection:

For purposes of this subsection, the time zone is Pacific Standard Time (PST) to determine time of receipt of notices and other documents. For purposes of this subsection, non-business days are Saturdays, Sundays and legal holidays as defined by ORS 187.010 and 187.020.

Following Notice to Proceed, all notices and other documents submitted to the Contractor by the Engineer, or to the Engineer by the Contractor, electronically under 00170.08:

- If recorded in Doc Express® as received before 5:00 p.m. PST on a business day, it shall be considered as received on the business day on which it was actually received in Doc Express®.
- If recorded in Doc Express® as received on a non-business day, or after 5:00 p.m. PST on a business day, it shall be considered as received at 8:00 a.m. PST on the next business day.

Claims must be submitted on paper documents according to Section 00199.

Add the following subsection:

00150.50(f) Utility Information (No Anticipated Relocations) - Within the Project limits, there are no anticipated relocations with the Utilities listed below. The Contractor shall contact those Utilities having buried facilities and request that they locate and mark them for their protection prior to construction.

Utility	Contact Person's Name and Phone Number
Pacific Power (power provider)	Rick Castle (541) 530-2232
Avista Utilities (natural gas provider)	Luke Seals (541) 580-2945
Lumen	Stephanie Baker (541) 716-6303
Roseburg Public Works Department (water)	Daryn Anderson (541) 492-6885
Charter Communications	Timothy Schirmer (541) 529-9281
ODOT Electrical Crew (J-boxes, push buttons)	Brian Henry (541) 957-3669
Cogent Communications	Dave Gilbert (541) 680-1802
Roseburg Urban Sanitary Association (sanitary)	Ryon Kershner (541) 430-4256

Add the following subsection:

00150.60(d) Access and Work Zone – Construction equipment access shall be limited to existing public right-of-way and the access locations shown on the construction plans.

SECTION 00160 - SOURCE OF MATERIALS

Comply with the City of Roseburg “General Conditions” and Section 00160 of the Standard Specifications.

SECTION 00165 - QUALITY OF MATERIALS

Comply with the City of Roseburg "General Conditions" and Section 00165 of the Standard Specifications modified as follows:

00165.03 Testing by Agency – Replace this subsection except for the subsection number and title, with the following:

No testing will be performed by the City. All testing shall be the responsibility of the Contractor.

00165.04 Cost of Testing – Replace this subsection except for the subsection number and title, with the following:

All testing required to be performed by the Contractor will be considered incidental and will be at the Contractor's expense.

SECTION 00170 - LEGAL RELATIONS AND RESPONSIBILITIES

Comply with the City of Roseburg "General Conditions" and Section 00170 of the Standard Specifications modified as follows:

00170.60 – Safety, Health, and Sanitation Provisions - Add the following paragraph to the end of this subsection:

The Contractor shall provide and maintain proper portable sanitary facilities for their employees and their subcontractors' employees during day and night shifts that will comply with the regulations of the local and State departments of health and as directed by the Engineer.

SECTION 00180 - PROSECUTION AND PROGRESS

Comply with the City of Roseburg "General Conditions" and Section 00180 of the Standard Specifications modified as follows:

00180.40(c) Specific Limitations - Limitations of operations specified in these Special Provisions include, but are not limited to, the following:

Limitations	Subsection
Cooperation with Utilities	00150.50
Closed Lanes	00220.40(e)(1)
Special Events	00220.40(e)(2)(b)
Maintenance Under Traffic	00620.43
Opening Sections to Traffic	00220.70

The Contractor shall be aware of and subject to schedule limitations in the Standard Specifications that are not listed in this subsection.

00180.40(d) Working Hours – Work is permitted between the following hours, except as indicated in 00220.40(e)(2):

- 7:00 AM to 7:00 PM

00180.41 Project Work Schedules - After the paragraph that begins "One of the following Type..." add the following paragraph:

In addition to the "look ahead" Project Work schedule, a Type A schedule as detailed in the Standard Specifications is required on this Contract.

00180.50(c) Beginning of Contract Time - Replace this subsection except for the subsection number and title, with the following:

When the Contract Time is stated in Calendar Days, a counting of Contract Calendar Days will begin on the day "Notice to Proceed" is issued by the City.

00180.85 Failure to Complete on Time; Liquidated Damages - Replace this subsection, except for the subsection number and title, with the following:

(a) Time is of the Essence - Time is of the essence in the Contractor's performance of the Contract. It is essential and in the public interest that the Contractor prosecute the Work vigorously to Contract completion and within Contract Time or adjusted Contract Time.

The Agency does not waive any rights under the Contract by permitting the Contractor to continue to perform the Contract, or any part of it, after the Contract Time or adjusted Contract Time has expired.

(b) Liquidated Damages - Delays in the Contractor's performance of the Work will cause the Agency to sustain damages; increase risk to, inconvenience, and interfere with the traveling public and commerce; and increase costs to taxpayers. Because the Agency finds it is unduly burdensome and difficult to demonstrate the exact dollar value of such damages, the Contractor agrees to pay to the Agency, not as a penalty but as liquidated damages, the amount(s) determined as specified below for each Calendar Day the Work remains incomplete after the expiration of the Contract Time or adjusted Contract Time applicable to that Work. The liquidated damages shall constitute payment in full only of damages incurred by the Agency due to the Contractor's failure to complete the Work on time.

Payment by the Contractor of liquidated damages does not release the Contractor from its obligation to fully and timely perform the Contract according to its terms. Nor does acceptance of liquidated damages by the Agency constitute a waiver of the Agency's right to collect any additional damages it may sustain by reason of the Contractor's failure to fully perform the Contract according to its terms.

If the Contract is terminated according to 00180.90(a), and if the Work has not been completed by other means on or before the expiration of Contract Time or adjusted Contract Time, liquidated damages will be assessed against the Contractor for the duration of time reasonably required to complete the Work.

Liquidated damages will be assessed per Paragraph 11 of the Bid Form.

SECTION 00190 - MEASUREMENT OF PAY QUANTITIES

Comply with the City of Roseburg "General Conditions" and Section 00190 of the Standard Specifications modified as follows:

Add the following subsection:

00190.15 Payment Summary – Following are the measurements and payment descriptions for the various Bid items included in the Stephens Waterline Replacement project.

Descriptions reference and/or modify sections of the 2021 Oregon Standard Specifications for Construction where applicable.

Contractor shall also refer to the specifications for each item.

BID ITEM NO. 1. MOBILIZATION

Comply with Section 00210 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a lump sum (LS) basis per Section 00210.80 of the Standard Specifications.

Payment shall be per Section 00210.90 of the Standard Specifications, including all preparatory work and operations necessary for the movement of personnel, equipment, materials, and incidentals to the project site and for all other costs incurred before the beginning of work as well as any other work included in the Contract Documents which is not specifically listed in other Bid items. Payment for mobilization shall also include all costs associated with completing a pre-construction visual survey and obtaining all necessary licenses and insurance.

The amounts paid for mobilization in the Contract progress payment will be based on the percentage of the Original Contract amount that is earned from other Contract items.

When 5% is earned, either 50% of the amount for mobilization or 5% of the original Contract amount, whichever is the least.

When 10% is earned, either 100% of mobilization or 10% of the original Contract amount, whichever is the least.

When all work is completed, amount of mobilization exceeding 10% of the original Contract amount.

This schedule of mobilization progress payments will not limit or preclude progress payments otherwise provided by the Contract.

BID ITEM NO. 2. TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC

Comply with Section 00221 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a lump sum (LS) basis per Section 00221.80(b) of the Standard Specifications.

Payment shall be per Section 00221.98 of the Standard Specifications, including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary for installing, moving, operating, maintaining, inspecting and removing all necessary traffic control measures, excluding those which are paid under other bid items.

PORTABLE CHANGEABLE MESSAGE SIGNS

Comply with Section 00222 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per week (WK) basis per Section 00222.80 of the Standard Specifications and Special Provisions and shall only be measured for operational signs and signs required by the Engineer.

Payment shall be per Section 00222.90 of the Standard Specifications, including furnishing, mounting, operating, moving, and removing signs.

BID ITEM NO. 3. EROSION CONTROL

Comply with Section 00280 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a lump sum (LS) basis per Section 00280.80(a) of the Standard Specifications.

Payment shall be on a lump sum basis per Section 00280.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to install and maintain all erosion control measures required including, but not limited to: maintaining erosion and sediment control at the project site daily, daily street sweeping of work area if sediment is tracked onto paved surfaces, and application of dust control measures as required, inlet protection and sediment fence installation and maintenance, weekly cleanup and disposal of construction debris and waste materials, weekly cleanup of the debris captured by sediment controls, replacement during the project when necessary or directed, and removal of all erosion control items at the completion of the project.

BID ITEM NO. 4. CONSTRUCTION SURVEY WORK

Comply with Section 00305 of the Standard Specifications.

Measurement shall be on a lump sum (LS) basis per Section 00305.80.

Payment shall be on a lump sum basis per Section 00305.90 and shall include all labor, equipment, materials, and other incidentals and work necessary to complete construction survey work in accordance with ODOT's "Construction Surveying Manual for Contractors" and this project's contract documents.

BID ITEM NO. 5. REMOVAL OF CURBS, WALKS, DRIVEWAYS

Comply with Section 00310 of the Standard Specifications and as modified in the Special Provisions.

Measurement shall be on a square yard (SY) basis per Section 00310.80.

Payment for this item shall be on a square yard basis per Section 00310.92 and represents full payment for all labor, equipment, materials, and all miscellaneous incidentals and work necessary to sawcut, remove, haul and dispose of all curbs, walk, driveways and all associated appurtenances as specified.

BID ITEM NO. 6. REMOVAL OF PAVEMENT

Comply with Section 00310 of the Standard Specifications and as modified in the Special Provisions.

Measurement shall be on a square yard (SY) basis per Section 00310.80.

Payment for this item shall be on a square yard basis per Section 00310.92 and represents full payment for all labor, equipment, materials, and other incidentals and work necessary to sawcut, remove, haul off, and dispose of pavement (AC and PCC) up to 6 inches of pavement depth removed. Pavement removed in excess of 6 inch depth will be measured and the bid item quantity adjusted by converting to an equivalent depth of nominal 6 inch pavement on a proportional basis (i.e. one square yard of pavement removal at 18 inch thickness will be counted as three square yards).

BID ITEM NO. 7. REMOVAL OF STRUCTURES

Comply with Section 00310 of the Standard Specifications and as modified in the Special Provisions.

Measurement shall be on a lump sum (LS) basis per Section 00310.80.

Payment for this item shall be on a lump sum basis per Section 00310.91 and represents full payment for all labor, equipment, and materials necessary to sawcut, remove, haul and dispose of all structures and obstructions required, excluding those which are paid under other bid items. No additional payment will be made for disposal of waste materials or backfilling voids left by the removed pipes or structures.

BID ITEM NO. 8. CLEARING AND GRUBBING

Comply with Section 00320 of the Standard Specifications and as modified in the Special Provisions.

Measurement shall be on a lump sum (LS) basis per Section 00320.80.

Payment shall be on a lump sum basis per Section 00320.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to remove and dispose of vegetation, roots, plants, and strippings within the footprint of the work areas.

It is the intent of the City that impacts to existing vegetation be minimized to the extent possible in areas outside of the work area footprint. Removal of shrubs, trees, and other landscaping that are outside of the footprint of the work areas shall be replaced by the Contractor at his expense.

BID ITEM NO. 9. TRENCH FOUNDATION

Comply with Section 00405 of the Standard Specifications and as modified in the Special Provisions.

Measurement shall be on a cubic yard (CY) basis per Section 00405.82.

Payment shall be on a cubic yard basis per Section 00405.90 including all labor, equipment, materials, removal of Unsuitable Material, replacement of material, and all other miscellaneous incidentals and work necessary to provide a stable foundation below the pipe bedding material. Trench foundation shall be as directed by the Engineer.

BID ITEM NO. 10. ROCK AND BOULDER EXCAVATION

Comply with Section 00405 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a cubic yard (CY) basis per Section 00405.80.

Payment shall be on a cubic yard (CY) basis per Section 00405.91 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to remove and dispose of rock and/or boulders.

BID ITEM NO. 11. WATERMAIN EXCAVATION AND BACK FILL

Comply with Section 00405 of the Standard Specifications and as modified in the Special Provisions.

Measurement shall be on a cubic yard (CY) basis per Section 00405.82 for water main trenching only. Measured water main trench width and depth shall be no more than that required by the Typical Water Line Trench Backfill detail unless directed by the Engineer or shown in the plans. Measurement shall

be on a neat line basis based on the design profiles shown in the plans, except changes in elevation greater than 3 inches from design grades and directed by the Engineer will be measured. No additional measurement will be made for water service line trenching, hydrant lead trenching, trench foundation, trench sloughing and/or voids to be filled due to removal of structures, obstructions, rock and/or boulders. The length of any specific utility trench shall not be measured more than once.

Payment shall be on a cubic yard basis per Section 00405.90 including all labor, equipment, materials, removal of Unsuitable Material, backfill using aggregate material, and all other miscellaneous incidentals and work necessary to excavate the trench and backfill the pipe.

BID ITEM NO. 12. CATCH BASINS, CG-3

Comply with Section 00470 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per each (EA) basis per Section 00470.80.

Payment shall be on a per each basis per Section 00470.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to furnish and install catch basins at the locations shown on the Plans and as directed by the Engineer.

BID ITEM NO. 13. 8 INCH D3034 PVC SEWER PIPE, ALL DEPTH

Comply with Section 00445 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a linear foot (FT) basis per Section 00445.80.

Payment shall be on a linear foot basis per Section 00445.91 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to furnish, install, and connect PVC pipe at the locations shown on the Plans and as directed by the Engineer. All work associated with completing exploratory excavations and video inspections will be considered incidental. Payment shall include all fittings and couplings.

BID ITEM NO. 14. CONCRETE MANHOLES, STANDARD (SANITARY)

Comply with Section 00470 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per each (EA) basis per Section 00470.80.

Payment shall be on a per each basis per Section 00470.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to furnish and install concrete manholes, including excavation, haul and disposal of spoils, bedding and backfill, and concrete manhole. All work associated with completing exploratory excavations and trench resurfacing will be considered incidental. Payment shall include all pipe stub connections to the new structure.

BID ITEM NO. 15. ABANDON EXISTING MANHOLE

Comply with Section 00490 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per each (EA) basis per Section 00490.80.

Payment shall be on a per each basis per Section 00490.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to fill and abandon the existing structure.

BID ITEM NO. 16. ABANDON EXISTING PIPE

Comply with Section 00490 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per linear foot (FT) basis per Section 00490.80.

Payment shall be on a linear foot basis per Section 00490.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to plug, fill, and abandon existing piping.

BID ITEM NO. 17. EXTRA FOR MANHOLE OVER EXISTING SEWERS

Comply with Section 00490 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per each (EA) basis per Section 00490.80.

Payment shall be on a per each basis per Section 00490.90 including all extra or additional labor, equipment, materials, and all other miscellaneous incidentals and work necessary to install the manhole structure over existing sewers. These costs are in addition to those which are included in payment for the manhole.

BID ITEM NO. 18. CONNECTION TO EXISTING STRUCTURES

Comply with Section 00490 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per each (EA) basis per Section 00490.80.

Payment shall be on a per each basis per Section 00490.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to make connections between existing and proposed pipe segments and/or between proposed segments and existing structures.

BID ITEM NO. 19. REPAIR OR RECONSTRUCT EXISTING SEWER LATERALS

Comply with Section 00490 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per linear foot (FT) basis per Section 00490.80 and measured in the horizontal direction only.

Payment shall be on a linear foot basis per Section 00490.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to connect existing service lines to proposed sewer watertight.

BID ITEM NO. 20. LEVEL 3, 1/2" ACP MIXTURE

Comply with Section 00744 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a tonnage (TON) basis per Section 00744.80.

Payment shall be on a tonnage basis per Section 00744.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to furnish, place, grade, compact, and finish asphalt pavement of the type noted. No separate or additional payment will be made for leveling, quality control testing, or tack coat.

BID ITEM NO. 21. LEVEL 3, ½" ACP MIXTURE IN TEMPORARY, 2 INCH DEPTH

Comply with Section 00744 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a tonnage (TON) basis per Section 00744.80.

Payment shall be on a tonnage basis per Section 00744.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to furnish, place, grade, compact, and finish temporary hot-mix asphalt pavement 2 inches in depth of the type noted. No separate or additional payment will be made for cold mix asphalt, leveling, quality control testing, or tack coat. The length of any specific utility trench shall not be measured more than once, i.e. there will not be multiple measurements of the same length of utility trench if said trench is excavated and replaced with temporary trench resurfacing multiple times.

BID ITEM NO. 22. CONCRETE CURBS,

Comply with Section 00759 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a linear foot (FT) basis per Section 00759.80.

Payment shall be on a linear foot basis per Section 00759.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to furnish, place, joint, and finish concrete curb, including gutter where indicated. No separate or additional payment will be made for protection of concrete surfaces from vandalism or adverse weather conditions.

BID ITEM NO. 23. CONCRETE WALKS, 4 INCH THICK

Comply with Section 00759 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a square foot (SF) basis per Section 00759.80.

Payment shall be on a square foot (SF) basis per Section 00759.80 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to furnish, place, reinforce, joint, and finish concrete walks. No separate or additional payment will be made for protection of concrete surfaces from vandalism or adverse weather conditions.

BID ITEM NO. 24. MONO-DIRECTIONAL WHITE TYPE I MARKER

BID ITEM NO. 25. BI-DIRECTIONAL BLUE TYPE 1AR MARKER

Comply with Section 00855 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on an each (EA) basis per Section 00855.80.

Payment shall be on an each basis per Section 00855.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to furnish and install directional markers. No separate or additional payment will be made for pavement preparation, adhesive, or clean-up.

BID ITEM NO. 26. LONGITUDINAL PAVEMENT MARKING 4 INCH YELLOW
BID ITEM NO. 27. LONGITUDINAL PAVEMENT MARKING 4 INCH WHITE

Comply with Section 00860 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a linear foot (FT) basis for a nominal line width of 4 inches per Section 00860.80. Line widths other than 4 inches will be adjusted by converting to an equivalent length of nominal 4 inch line on a proportional area basis. Gaps between stripe skips will not be measured.

Payment shall be on a linear foot basis per Section 00860.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to furnish and install pavement markings damaged by construction activities.

BID ITEM NO. 28. PAVEMENT LEGEND, TYPE B-HS: ON STREET PARKING

Comply with Section 00867 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per each (EA) basis per Section 00867.80.

Payment shall be on a per each basis per Section 00867.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to furnish and install pavement legend markings damaged by construction activities.

BID ITEM NO. 29. PAVEMENT BAR, TYPE B-HS

Comply with Section 00867 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a square foot (SF) basis per Section 00867.80.

Payment shall be on a square foot basis per Section 00867.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to furnish and install pavement bar markings damaged by construction activities.

BID ITEM NO. 30. ROADSIDE RESTORATION

Comply with Section 01020 of the Special Provisions, which is not a Standard Specification.

Measurement shall be on a lump sum (LS) basis per Section 01020.

Payment shall be on a lump sum basis per 01020 including furnishing and placing all materials, and for furnishing all equipment, labor, and incidentals necessary to furnish, place, and grade gravel, topsoil, mulch or other surfacings between existing soft surfacing (landscaped) areas and the edge of the proposed surfacings; furnishing and placing topsoil in areas where existing surfacing is shown to be removed and replaced with permanent seeding, topsoil, or mulch and restoring all areas behind the proposed improvement to pre-construction condition; and repairing existing irrigation systems impacted during construction.

Payment also includes seeding areas filled or transitioned with topsoil.

- BID ITEM NO. 31. 4 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL**
- BID ITEM NO. 32. 6 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL**
- BID ITEM NO. 33. 8 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL**
- BID ITEM NO. 34. 12 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL**

Comply with Section 01140 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a linear foot (FT) basis per Section 01140.80.

Payment shall be on a linear foot basis per Section 01140.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to furnish, install, restrain, connect, flush, and test potable water pipe. Payment shall include water pipe fittings for all vertical and horizontal bends. All work associated with completing exploratory excavations will be considered incidental.

- BID ITEM NO. 35. DUCTILE IRON PIPE REDUCER, 8 INCH X 6 INCH**
- BID ITEM NO. 36. DUCTILE IRON PIPE REDUCER, 12 INCH X 8 INCH**
- BID ITEM NO. 37. DUCTILE IRON PIPE CROSS, 12 INCH**
- BID ITEM NO. 38. DUCTILE IRON PIPE TEE, 4 INCH**
- BID ITEM NO. 39. DUCTILE IRON PIPE TEE, 6 INCH**
- BID ITEM NO. 40. DUCTILE IRON PIPE TEE, 12 INCH**

Comply with Section 01140 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per each (EA) basis per Section 01140.80.

Payment shall be on a per each basis per Section 01140.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to furnish, install, restrain, connect, flush, and test potable water pipe fittings.

- BID ITEM NO. 41. 4 INCH GATE VALVE**
- BID ITEM NO. 42. 8 INCH GATE VALVE**
- BID ITEM NO. 43. 6 INCH GATE VALVE**
- BID ITEM NO. 44. 12 INCH GATE VALVE**

Comply with Section 01150 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per each (EA) basis per Section 01150.80.

Payment shall be on a per each basis per Section 01150.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to excavate, haul, dispose of spoils; place, furnish and compact bedding and backfill, and furnish and install gate valve. No separate or additional payment will be made for blocking of valves, protective coatings, valve boxes, valve box extensions, valve operator extensions, or hydrostatic testing.

- BID ITEM NO. 45. 1 INCH COMBINATION AIR RELEASE**

Comply with Section 01150 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per each (EA) basis per Section 01150.80.

Payment shall be on a per each basis per Section 01150.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to excavate, haul, dispose of spoils; place, furnish and compact bedding and backfill, and furnish and install air release valve.

- BID ITEM NO. 46. RECONNECT WATER SERVICE, ¾ INCH TO 1 INCH, NEAR SIDE**
- BID ITEM NO. 47. RECONNECT WATER SERVICE, ¾ INCH TO 1 INCH, FAR SIDE**
- BID ITEM NO. 48. RECONNECT WATER SERVICE, 2 INCH, FAR SIDE**

Comply with Section 01170 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per each (EA) basis per Section 01170.80. Measurement shall be taken from centerline of the new water main.

Payment shall be on a per each basis per Section 01170.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to excavate, tap main, lay and joint pipe and fittings, appurtenances, haul, dispose of spoils; remove and dispose of empty meter box, backfill, and landscape; place, furnish and compact bedding and backfill, and furnish and install water service. Water meters to be reinstalled and/or new meters to be installed by the Contractor if supplied by the City.

BID ITEM NO. 49. ABANDON SERVICE

Comply with Section 01150 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per each (EA) basis per Section 01150.80.

Payment shall be on a per each basis per Section 01150.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to remove and dispose of empty meter box, backfill, and landscape.

BID ITEM NO. 50. HYDRANT ASSEMBLIES

Comply with Section 01160 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per each (EA) basis per Section 01160.80.

Payment shall be on a per each basis per Section 01160.90 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to excavate, haul, dispose of spoils; place, furnish and compact bedding and backfill, and furnish and install hydrant assemblies. Coordination with Engineer and City water department will be considered incidental to this bid item. No additional payment will be made for hydrant lateral pipe, tees, elbows, valves, valve boxes, thrust restraints, concrete blocks, gravel, and paint. Furthermore, all work associated with completing exploratory excavations will be considered incidental.

- BID ITEM NO. 51. CONNECTION TO EXISTING – STEPHENS/SYKES**
- BID ITEM NO. 52. CONNECTION TO EXISTING – STEPHENS/HAYNES**
- BID ITEM NO. 53. CONNECTION TO EXISTING – STEPHENS/BROCKWAY**
- BID ITEM NO. 54. CONNECTION TO EXISTING – STEPHENS/BLAKELEY**
- BID ITEM NO. 55. CONNECTION TO EXISTING – STEPHENS/WOODWARD**
- BID ITEM NO. 56. CONNECTION TO EXISTING – STEPHENS/MOSHER (EAST)**
- BID ITEM NO. 57. CONNECTION TO EXISTING – STEPHENS/MOSHER (WEST)**
- BID ITEM NO. 58. CONNECTION TO EXISTING – STEPHENS/CASS (EAST)**

- BID ITEM NO. 59. CONNECTION TO EXISTING – STEPHENS/CASS (WEST)**
BID ITEM NO. 60. CONNECTION TO EXISTING – STEPHENS/OAK

Comply with Section 01170 of the Standard Specifications as modified in the Special Provisions.

Measurement shall be on a per each (EA) basis per Section 01170.

Payment shall be on a per each basis per Section 01170 including all labor, equipment, materials, and all other miscellaneous incidentals and work necessary to excavate, prepare the existing water main (expose, clean and restrain as indicated), connect to the existing main via tap, cut-in or connection to existing fitting, joint the pipe and fittings, saddles, sleeves, cutting and capping existing water lines, appurtenances, backfilling beyond the limits of the watermain trench pay limits, testing, and flushing and disinfection. Payment for gate valves, tees, crosses, reducers, and blow off assemblies shall be made under the applicable bid items.

SECTION 00195 - PAYMENT

Comply with the City of Roseburg “General Conditions” and Section 00195 of the Standard Specifications.

SECTION 00196 - PAYMENT FOR EXTRA WORK

Comply with the City of Roseburg “General Conditions” and Section 00196 of the Standard Specifications.

SECTION 00197 - PAYMENT FOR FORCE ACCOUNT WORK

Comply with the City of Roseburg “General Conditions” and Section 00197 of the Standard Specifications.

SECTION 00199 - DISAGREEMENTS, PROTESTS, AND CLAIMS

Replace Section 00199 of the Standard Specifications except for the Section number and title, with the following:

Comply with the City of Roseburg “General Conditions”.

SECTION 00210 – MOBILIZATION

Comply with Section 00210 of the Standard Specifications modified as follows:

00210.00 Scope – Add the following to this subsection:

Pre-construction Visual Survey. Prior to commencing any construction activities, the Contractor shall prepare a recorded visual survey of all existing features within the project limits as well as adjacent properties. The visual survey shall be recorded on standard digital equipment and a DVD copy shall be provided to the Agency for the Agency’s review prior to commencing construction. The survey shall show all features within or adjacent to the project limits which are known or suspected to generate damage claims. The survey shall also include video of any existing improvements which were damaged prior to construction.

Post-construction visual comparison to the visual survey shall be a basis for determining damage to properties should a damage claim arise.

00210.40 Mobilization – Add the following bulleted items to the end of this Subsection:

- Obtain all applicable licenses and insurance required by the Contract to complete the work as specified herein.

00210.90 Payment – Add the following to this subsection:

Payment for mobilization shall also include all costs associated with completing a pre-construction visual survey and obtaining all necessary licenses and insurance.

SECTION 00220 – ACCOMMODATIONS FOR PUBLIC TRAFFIC

Comply with Section 00220 of the Standard Specifications modified as follows:

00220.02(a) General Requirements - Replace the bullet that begins, "Do not stop or hold vehicles..." with the following bullet:

Maintain at least one lane of traffic in each direction of travel at all times, unless otherwise shown in contract documents or directed by Engineer. Do not stop or hold traffic in any one direction more than 5 minutes. Do not block driveways, intersections, or approaches. Provide reasonable access to driveways, intersections and approaches at no additional cost to the Agency.

Add the following bullet at the end of the list:

- Provide minimum 72 hour notice to affected property owner prior to closure or blocking of driveways.

Add the following bulleted items to the end of this subsection:

- Maintain and coordinate access to all affected properties. Allow unrestricted vehicle and pedestrian access to all properties outside the allowable working hours.
- Provide and maintain access to Umpqua Dairy Products. Contractor shall coordinate with Umpqua Dairy Products to verify shift times, delivery timeframes and delivery routes.
- Provide and maintain access to garbage containers and garbage pick-up or other regularly scheduled deliveries. Coordinate with school district and with UTrans to minimize impacts and delays for any school and public bus routes.
- Notify all emergency services of all changes to the traffic control plan prior to completing the change.
- When an abrupt edge is created by excavation, protect traffic using the "EXCAVATION ABRUPT EDGE DETAIL" and the "TYPICAL ABRUPT EDGE SIGNING DETAIL" configurations shown on Standard Drawings TM800.
- Do not allow vertical differences in pavement height, created by paving or removal, to exceed 3 inches. Provide tapered asphalt pavement wedges across all pavement joints exposed to traffic according to 00620.40(d)
- City to furnish 'Open For Business' advertising placards and/or sandwich boards, approximately 24" wide x 36" high. Contractor shall accommodate signage at the start and endpoints of pedestrian routes adjacent to work zones and account for signage in TPAR.

00220.03(a) Road Closures – In addition to the requirements of 0220.03(b), if public streets are to be closed for any duration, obtain the required permits from the City's Public Works Department and comply with all requirements including any notification requirements for the affected residences and required public notifications. Generally, provide a 72-hour initial public notification published in the local

paper, broadcast on at least one local radio station, and as a public service announcement on the local television station. Maintain access for residences and businesses.

00220.03(b) Closures - Add the following bullet to the end of the bullet list:

Obtain a City of Roseburg Permit for all street closures prior to closing the street. Obtain permit at least 7 days in advance of actual closures.

00220.03 Work Zone Notifications - Add the following bullet to the end of the sub-section:

(c) Permitting and Public Notification - Obtain a City of Roseburg Street Closure Permit for all lane, shoulder or sidewalk closures prior to closing. Obtain permit at least 7 days in advance of actual closure.

- The City will provide general notification through the news media of the scope of the project. However, the Contractor shall provide a minimum of seven days' notice to each property owner who is affected by the temporary interruption of their access, one-way restrictions, detours, temporary road closures, restricted parking, etc. It shall be the Contractor's responsibility to provide written and verbal notice to each property owner, resident, or business manager whose access is restricted or limited.
- It shall be the Contractor's responsibility to contact all emergency responding facilities such as, but not limited to, City police, City fire department and ambulance services before any one way or detour routes are established.

00220.40(c) Driveways – Add the following bulleted item(s):

- Coordinate with businesses and obtain access approval to property at least 72 hours in advance.
- Provide temporary access during bypassing operation by use of temporary road ramps, steel plates, aggregate, or other approved method. Protect and delineate access by use of traffic cones.
- Access to all driveways, parking lots, and other business access points must be fully maintained and open during regular business hours, unless agreed to in writing by the landowner and Engineer

00220.40(e)(1) Closed Lanes - Replace this subsection, except for the subsection number and title, with the following:

One or more Traffic Lanes may be closed when allowed, shown, or directed during the following periods of time except as indicated in 00220.40(e-2).

For full closure(s) indicated, appropriate detour signage must be in place at approaches prior to closure going into effect.

When active work is not occurring in a work zone during a shift, any closed lanes in that work zone must be reopened to traffic.

Streets not listed below shall maintain full access at all times unless otherwise approved by the Engineer.

a. Stephens Street:

Travel lanes and parking lanes may be closed during the following times:

- Daily, Monday through Friday between 6:00 am and 7:00 pm

- Nightly, Sunday through Friday between 7:00 PM and 6:00 am

No back to back day shift and night shift unless approved by the Engineer.

One lane of traffic to remain open at all times. Open lane shall be 14' minimum width if one lane of traffic only. If more than one lane of traffic is open, locations with more than one lane of traffic may utilize 11' minimum lanes.

No night work shall occur within 250' feet of a residential property.

Parking lane may be closed with proper signage and advanced notification per the specifications in order to maintain minimum travel lane requirement.

b. Midblock streets between Stephens and Pine:

Full closure is allowed for up to a total of 3 calendar days for waterline install, paving and/or striping. Only one midblock street may be closed at a time.

c. Side streets east of Stephens:

Full closure is allowed for up to a total of 3 calendar days for waterline install, paving and/or striping for side streets (from Sykes to Cass) within project limits that contain waterline work. The extents shall be from Stephens Street south to no further than the next public access (street, alley, etc.). Local access to driveways shall still be provided.

Only one side street east of Stephens may be closed at a time and the side street closure shall not be adjacent to a midblock street closure.

SE Burke Street must maintain two-lane, two-way access at all times.

d. Oak Street:

One lane of traffic to remain open at all times.

For work at/near the intersection of Oak Street (at Stephens), no work shall occur during daytime hours. Work shall be conducted during the following times:

- Nightly, Sunday through Friday between 7:00 PM and 6:00 am.

00220.40(e-2-b) Special Events – Add the following to the end of this subsection:

The following special events will occur during this Project:

Graffiti Weekend – July 10 – 14th, 2024

Douglas County Fair – August 7th – 10th, 2024

SECTION 00221 – COMMON PROVISIONS FOR WORK ZONE TRAFFIC CONTROL

Comply with Section 00221 of the Standard Specifications modified as follows:

00221.01(b) Definitions – Add the following to the end of the subsection:

Temporary Walk – Temporary Surfacing for a sidewalk or Multi-Use Path designated to be used by pedestrians, bicyclists, or other non-motorized users.

00221.06 Traffic Control Plan –Supplement with the following:

Modifications to the Traffic Control Plan within ODOT right-of-way require modification to the ODOT Miscellaneous Permit and ODOT approval.

00221.06(b) Contractor Modified Traffic Control Plan - Delete the word "stamped" from the paragraph that begins "If the Contractor requests to use...".

00221.90(a) Pay Quantities – replace this subsection, except for the subsection number and title, with the following:

The accepted quantities of work zone TCM and TCD will be paid for according to 00222.90, 00223.90, 00224.90, 00225.90, 00226.90, 00227.90, and 00228.90. Items not specifically listed in the Schedule of Values shall be considered incidental to the Temporary Protection and Direction of Traffic item.

00221.90(b) Temporary Protection and Direction of Traffic - Add the following bullets to the end of this section:

- Removing permanent pavement striping.
- Furnishing, installing, maintaining, moving, and removing temporary pavement striping or removable tape.
- Furnishing, installing, maintaining, moving, and removing temporary pavement markers.
- Furnishing, placing, replacing, maintaining, moving and removing temporary plastic drums.
- Furnishing, placing, replacing, maintaining, moving and removing temporary sign supports.

SECTION 00222 – TEMPORARY TRAFFIC CONTROL SIGNS

Comply with Section 00222 of the Standard Specifications modified as follows:

00222.40(a)(2) Regulatory Speed Zone Signs - Delete the words "State Traffic" from the first paragraph.

00222.40(e) Temporary Signs - Add the following to the end of the bullet list:

Install an 18 by 24-inch "NO PARKING" (R8-3a) sign in every block where on-street parking is prohibited, facing incoming traffic.

When construction requires bicycles to use the Traffic Lanes, install a "Bicycle ON ROADWAY" (CW11-1) symbol sign in advance of, and on 1/2 mile spacing through the affected area. Keep the signs in place until completion of the Shoulder or bikeway final surface.

00222.80 Measurement - Add the following bullet to the end of this sub-section:

(c) **Time Basis** – Portable Changeable Message Signs will be measured on a weekly time basis.

00222.90 Payment – Replace Pay Item (c) with the following:

Pay Item	Unit of Measurement
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(c) Portable Changeable Message Signs.....	Week
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SECTION 00223 – WORK ZONE TRAFFIC CONTROL LABOR AND VEHICLES

Comply with Section 00223 of the Standard Specifications modified as follows:

00223.90 Payment – Replace this subsection, except for the subsection number and title, with the following:

No separate or additional payment will be made for work zone traffic control labor, equipment and/or vehicles, unless listed in the Schedule of Values. Items not specifically listed in the Schedule of Values shall be considered incidental to the Temporary Protection and Direction of Traffic item.

SECTION 00224 - TEMPORARY TRAFFIC CHANNELIZING DEVICES

Comply with Section 00224 of the Standard Specifications modified as follows:

00224.10 Tubular Markers - Add the following paragraph to the end of this subsection:

Blue plastic tubular markers shall be reflectorized with at least two blue, flexible reflective bands at least 3 inches wide, securely attached no more than 2 inches from the top with no more than 6 inches but not less than 1 inch between the bands.

SECTION 00225 - TEMPORARY PAVEMENT MARKING

Comply with Section 00225 of the Standard Specifications modified as follows:

00225.83(b) Temporary Tape - Replace this subsection, except for the subsection number and title, with the following:

No separate measurement will be made for removable, non-removable, and non-reflective tape.

SECTION 00227 - TEMPORARY TRAFFIC SIGNALS AND ILLUMINATION

Comply with Section 00227 of the Standard Specifications.

SECTION 00228 – TEMPORARY PEDESTRIAN AND BICYCLIST ROUTING

Comply with Section 00228 of the Standard Specifications.

SECTION 00280 – EROSION AND SEDIMENT CONTROL

Comply with Section 00280 of the Standard Specifications modified as follows:

00280.00 Scope - Add the following:

The ESCP has not been developed as a part of the plan set. Prepare and submit an ESCP to be approved by the Engineer and Agency prior to beginning Work. -Engineer may require additional erosion and sediment control measures at no additional cost to the Agency in order to approve submitted methods of operations and scheduling.

00280.06 Erosion and Sediment Control Manager - Delete this subsection.

00280.62 Inspection and Monitoring - Replace this subsection, except for the subsection number and title, with the following:

Inspect the Project Site and all ESC devices for potential erosion or sediment movement on a weekly basis and when 1/2 inch or more of rainfall occurs within a 24-hour period, including weekends and holidays.

If a significant noncompliance or serious water quality issue occurs that could endanger health or the environment, verbally report it to the Engineer with 24 hours.

SECTION 00290 – ENVIRONMENTAL PROTECTION

Comply with Section 00290 of the Standard Specifications.

SECTION 00305 – CONSTRUCTION SURVEY WORK

Comply with Section 00305 of the Standard Specifications.

SECTION 00310 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS

Comply with Section 00310 of the Standard Specifications modified as follows:

00310.44 Earthwork in Connection with Removal – Replace the second paragraph with the following:

Backfill holes according to 00330.45. No separate or additional payment will be made for this Work.

00310.45 Excavation of Existing Surfaces – Remove asphalt, curb, sidewalk and driveway surfacing as shown or as directed by the Engineer. Surfacing to be removed shall be cut in neat, straight lines with vertical edges along the limits of removal. The cut lines for removal of asphaltic or cement concrete pavement shall be reviewed and approved by the Engineer in the field before cutting. Demolish and remove curbs as directed by the Engineer or as shown. Make a vertical sawcut between any existing curb that is to remain and portion that is to be removed. Remove all pavement and other materials as shown on the Plans and as required to complete the work.

00310.91 Lump Sum Basis – Replace the paragraph that begins “Item (a) includes” with the following:

Item (a) includes all removal work, except for items covered under a separate item basis. Item (a) includes, but is not limited to, catch basin removal, manhole removal, valve can removal, water system appurtenance removal, pipe removal and pipe abandonment, where noted. No additional payment will be made for disposal of waste materials or backfilling voids left by the removed pipes or structures.

00310.92 Separate Item Basis – Supplement this subsection with the following

Item (b) includes removal of existing curb, curb and gutter, sidewalk, and driveways. Payment includes all work necessary to remove existing materials to the top of proposed subgrade, including sawcutting. Backfill for voids left by surfacing removal work will be considered incidental to this bid item. Payment does not include excavation within the roadway (outside the face of curb or the face of gutter), which is paid for under other bid items.

No separate payment will be made for items not listed in the bid schedule encountered beneath the asphalt concrete roadway surface within the limits of full roadway reconstruction or asphalt pavement removal as part of utility installation or full roadway reconstruction.

SECTION 00320 – CLEARING AND GRUBBING

Comply with Section 00320 of the Standard Specifications modified as follows:

00320.01 Area of Work– Supplement this subsection with the following:

Tree removal may be required during waterline installation should critical roots be encountered during excavation. If tree removal is required, it must be completed prior to the installation of the adjacent water line. Contractor shall coordinate with the Engineer and City prior to cutting of roots or removal of trees.

00320.80 Measurement– Add the following bullet to the end of this subsection:

- Each – Under this method, measurement will be for each tree removed.

SECTION 00330 – EARTHWORK

Comply with Section 00330 of the Standard Specifications modified as follows:

00330.03 Basis of Performance – Delete this subsection and replace with the following:

00330.03 Basis of Performance – Earthwork to be performed under this specification including excavation, haul, disposal, and embankment construction, unless otherwise specified, will not be measured, and will shall be considered incidental.

00330.41(e) Blasting – Replace this subsection, except for the subsection number and title, with the following:

Blasting will not be permitted on this project.

00330.80 Measurement – Replace the first bulleted item with the following:
There will be no measurement of quantities for general excavation.

00330.92 Kinds of Incidental Earthwork – Delete the bullet that reads "If shown on the plans."

Add the following bullet to the end of the bulleted list:

- Saw cutting of any structures as shown on the plans.
- Trench excavation for utilities.

SECTION 00340 – WATERING

Comply with Section 00340 of the Standard Specifications.

SECTION 00405 – TRENCH EXCAVATION, BEDDING, AND BACKFILL

Comply with Section 00405 of the Standard Specifications modified as follows:

00405.12 Bedding – Delete the second and fourth items from the bulleted list.

00405.42 Rock Excavation – Replace the second paragraph with the following:

The use of explosives shall not be allowed.

00405.46(a) General – Add the following to the end of the paragraph beginning with “Thoroughly tamp and compact ...”:

Contractor may elect to use non-vibratory compaction methods to achieve the required density. Indirect damage resulting from vibratory compaction equipment to adjacent structures shall be the responsibility of the Contractor.

00405.46(e) Temporary Trench Plating - Add the following:

Temporary trench plating may not be used for more than a maximum of 48 hours at any one location. Any period exceeding 48 hours will require the backfilling of the trench with aggregate and capping with temporary ACP.

00405.48(c) Pavement, Curb, and Sidewalk – Replace the first two paragraphs with the following:

Use saws to cut Portland cement concrete pavement, curbs, and sidewalks, regardless of thickness. The trench shall be cut as shown on the Contract Drawings and be parallel to the pipe centerline. Slurry waste generated from saw cutting shall be removed by vacuum immediately following the completion of the saw cutting.

Add the following section:

00405.80(e) Rock and Boulder Excavation

Measurement shall be on a cubic yard (CY) basis per 50 yards of material.

00405.90 Payment – Replace this subsection with the following:

The accepted quantities of rock excavation, boulder excavation, trench foundation, and dewatering will be paid for at the Contract unit price, per unit of measure, for the following items:

- (a) Rock and Boulder Excavation Cubic Yard
- (b) Watermain Excavation and Backfill Cubic Yard
- (c) Trench Foundation..... Cubic Yard

Item (b) includes excavation and backfill for mainline waterline. No measurement of excavation, bedding and backfill for work other than water main installation will be measured.

Item (c) includes removal of Unsuitable Material and replacement as necessary to provide a stable foundation for the pipe.

Payment will be payment in full for furnishing or placing all Materials, and for furnishing all Equipment, labor, and Incidentals necessary to complete the Work as specified. No separate or additional payment will be made for:

- Trench excavation (non-main line)
- Trench backfill (non-main line)
- Saw cutting
- Trench protection
- Pipe bedding
- Pipe zone material

- Dewatering

When prior abandoned utilities or utilities abandoned by the Project are in the trench, removal and disposal of the abandoned pipe is incidental to the work and no separate or additional payment will be made.

SECTION 00415 – VIDEO PIPE INSPECTION

Comply with Section 00415 of the Standard Specifications modified as follows:

00415.90 Payment - Replace this subsection with the following:

No separate or additional payment will be made for video pipe inspection.

SECTION 00440 – COMMERCIAL GRADE CONCRETE

Comply with Section 00440 of the Standard Specifications.

SECTION 00442 – CONTROLLED LOW STRENGTH MATERIALS

Comply with Section 00442 of the Standard Specifications.

SECTION 00445 – SANITARY, STORM, CULVERT, SIPHON, AND IRRIGATION PIPE

Comply with Section 00445 of the Standard Specifications modified as follows:

00445.02 – Contractor’s Options– Delete this subsection.

00445.80(a) Pipes– Modify this subsection as follows:

The quantities of pipe of the various kinds, types, and sizes, will be measured on the length basis, and will be determined by the length of installation as follows:

Length – The length will be measured, with no deduction of Structures or fittings, along the pipe flow line from center to center of manholes, inlets, or special sections; or the ends of pipe or end sections, whichever is applicable.

00445.91 Payment – Modify this subsection beginning with Item (a) includes as follows:

Item (a) includes all pipe sizes and depths. Item (a) includes all fittings, and couplings.

00445.91 Payment – Supplement this subsection with the following:

No separate or additional payment will be made for:

- Exploratory excavations
- Saw cutting
- Temporary trench resurfacing
- Trench protection
- Pipe bedding
- Dewatering
- Bypass of sewer or storm
- pipe stubs and connections to existing storm sewer pipes from new structures
- Potholing of existing utilities potentially in conflict in order to determine grade of storm sewer laterals
- backfill

- Tee, wye, or coupling fittings
- Video pipe inspection

00445.91 Payment – Delete the sentence “Video pipe inspection will be paid for according to 00415.90.”

SECTION 00470 – MANHOLES, CATCH BASINS, AND INLETS

Comply with Section 00470 of the Standard Specifications supplemented and/or modified as follows:

00470.00 Cast-in-Place and Precast Construction – Replace this subsection with the following:

Concrete manholes shall be precast, as shown or specified.

00470.41(a) Bases – Delete first paragraph.

00470.90 Payment – Modify this subsection as follows:

Add the following:

Item (c), (d), and (k) includes all pipe stub connections to the new structure.

Add the following to the bulleted list at the end of the section:

- saw cutting
- temporary trench restoration
- trench protection
- potholing

SECTION 00490 – WORK ON EXISTING SEWERS AND STRUCTURES

Comply with Section 00490 of the Standard Specifications modified as follows:

00490.41(d) Manhole Connections – Add the following paragraph:

Connections to existing sanitary sewer manholes shall be cored and connected with a flexible boot connection. Connections to existing storm manholes and drainage structures shall be cored and connected with a sanded collar adapter connection. Saw cutting, hammering, and breakout openings in existing manholes to make connections is not permitted.

00490.43 Abandoning Pipe in Place – Replace the second paragraph that begins “Fill abandoned pipes greater...” with the following:

Fill abandon pipes 6 inches or greater in diameter with controlled low-strength material meeting the requirements of 00442, or other approved material.

00490.50 Connections to Existing Pipes – Connect to existing pipes using flexible adapters with stainless steel shear bands. Adapters shall be Fernco, or equal. When concrete pipe will be connected to existing concrete pipe, or when using eccentric reducing adapters as directed in the Plans, the shear band will not be required. Backfill and compact the pipe zone around these joints in 6-inch lifts using a hand compaction methods taking care to not damage the connection.

00490.90 Payment – Supplement this subsection with the following:

Add the following items to the pay item list:

Item (g) includes all work necessary to core existing structures, connect proposed piping to existing structures with boot or sand collar connection, and grouting new connections.

No separate or additional payment will be made for:

- Video pipe inspection.
- Pay items not shown in the bid form schedule of values

SECTION 00495 – TRENCH RESURFACING

Comply with Section 00495 of the Standard Specifications modified as follows:

Add the following new subsection:

00495.41 Temporary Trench Resurfacing – When permitted by the Engineer in writing, cold mix asphalt may be substituted for asphalt concrete paving or emulsified asphalt concrete paving for use in temporary trench resurfacing. The Contractor shall replace this material in order to provide a smooth driving surface, as requested by the Engineer, at no additional or separate cost to the Owner.

00495.80 Measurement – Supplement this section with the following:

No measurement will be made for trench resurfacing using cold mix asphalt. Temporary trench resurfacing shall be considered incidental to other work items and permanent trench resurfacing will be completed and paid under other items.

SECTION 00498 – UTILITY FIELD EXPLORATIONS

Section 00498, which is not a Standard Specification, is included in this Project by Special Conditions.

Description

00498.00 Scope – This work consists of exposing existing utilities that cross or otherwise impact the project elements. Station, offset, and elevation shall be recorded. Any conflicts shall be reported to the engineer immediately. Additionally, there are specific locations identified on the plans for which specific and timely pothole reporting is required. Contractor shall report top of pipe elevation, pipe size, and pipe material prior to submitting shop drawings and prior to ordering precast concrete manholes, catch Basins and inlets.

Construction

00498.15 Utility Field Exploration – The subsurface conditions for existing utilities including, but not limited to, water, gas, sewer, CATV, fiber optic, power, telephone, pipe fittings, steel casing pipe, valves, duct banks, and appurtenances shown on the drawings are estimates based on surface locates and survey information. In areas of new pipeline construction, verify the existing conditions where crossings, connections to, or modifications of the existing utility are shown on the drawings. Excavate at these locations to verify existing conditions and obtain information necessary to perform required pipeline construction and connections to existing utilities.

Submit a plan to the Agency of the anticipated exploratory activities including the proposed schedule, local traffic control plan necessary for the exploratory work, areas of excavation, proposed extent of excavation and pavement repair.

Receive approval for the plan from the Agency before scheduling or starting the work. Coordinate all exploratory activities with the Agency to allow Agency observation of activities if they desire.

For each exploration, submit to the Engineer all documentation including photographs and a schematic of the actual conditions, including depths, locations of joints, thrust blocks, valves, fittings, and other appurtenances, and measurements between all features.

Contractor shall be responsible to locate the top or invert of each pipe or conduit that cross or otherwise impact the project elements. Top of pipe or invert elevations and horizontal location will immediately be provided to the Engineer/Agency to allow grade comparisons of the design. Contractor shall locate the utility and provide the information to the Engineer/Agency prior to construction activity coming within a minimum of 250-feet of locate to allow field adjustment of pipe grades and horizontal locations as necessary.

If the actual conditions require changes to the work shown on the drawings, develop a proposed plan for modifications and submit the plan to the Engineer. An approved submittal is required before starting the work.

Complete field exploration activities at each location and submit documentation a minimum of 1 week prior to water and/or storm sewer construction in that area.

Measurement

00498.80 Measurement – No measurement of quantities will be made for utility field explorations.

Payment

00498.90 Payment – No separate or additional payment will be made for field explorations (potholing).

SECTION 00641 – AGGREGATE SUBBASE, BASE, AND SHOULDERS

Comply with Section 00641 of the Standard Specifications supplemented and/or modified as follows:

00641.80 Volume Basis - Replace this subsection, except for the subsection number and title, with the following:

No measurement of quantities will be made for subbase, base and shoulder aggregates.

00641.90 Payment - Replace this subsection, except for the subsection number and title, with the following:

No separate or additional payment will be made for subbase, base and/or shoulder aggregates. This work will be considered incidental to other bid items.

SECTION 00730 – EMULSIFIED ASPHALT TACK COAT

Comply with Section 00730 of the Standard Specifications modified as follows:

00730.80 Measurement – Replace this subsection in its entirety except for the section number and name with the following:

No measurement of quantities will be made for emulsified asphalt tack coat.

00730.90 Payment – Replace this subsection in its entirety except for the section number and name with the following:

No separate or additional payment will be made for emulsified asphalt tack coat. This work will be considered incidental to other bid items.

SECTION 00744 – ASPHALT CONCRETE PAVEMENT

Comply with Section 00744 of the Standard Specifications modified as follows:

Add the following subsection:

00744.70 Pavement Smoothness – At the end of the first paragraph, insert the following sentence:

These tolerances shall apply to water valve boxes, manhole lids and other utility appurtenances that can be adjusted as part of the paving operations.

00744.90 Payment – In the second group of bulleted items, insert the following bulleted item:

- asphalt tack coat

Add the following to the end of this subsection:

No separate or additional payment will be made for saw cutting existing pavement, and/or removing and disposing of existing pavement.

Comply with Section 00744 of the Standard Specifications modified as follows:

00744.10(a) New Course and Fine Aggregates – replace the third paragraph beginning with "Testing of Aggregates" in its entirety with:

Provide test results showing that aggregates meet requirements for soundness, durability, fractured faces, and harmful substances as described below. No sandstone, shale, or other soft material will be allowed.

00744.11 Asphalt Cement and Additives – insert the following at the end of this section:

Provide PG 64-22 grade asphalt cement for this Project as indicated in the plans.

00744.42 Tack Coat – Replace this section in its entirety except for the section number and name with the following:

Construct a tack coat before placing each lift of ACP according to Section 00730. A tack coat is not required before placing ACP on aggregate base. Omission of a tack coat for a second lift placed on a base lift in the same day may be allowed if approved by the inspector.

Treat all existing and newly paved ACP or curb (below finish grade) surfaces on and against which ACP is to be placed with an asphalt tack coat according to Section 00730. Before applying the tack coat, clean and dry the surface to be tacked. Do not place tack coat any further than 500 feet in front of the paver.

Remove all loose material that will reduce adhesion of the tack by brooming, flushing with water, or other approved methods.

Avoid excess tack coat being applied to the gutter or curb face. Shields protecting curb faces shall be provided and used during tacking of curb faces. Any tack coat inadvertently or inappropriately applied to the gutter or curb face shall be promptly removed.

Insert the following new section:

00744.50 Joints – Sand seal all joints following the final lift. Width of joint seal coat shall be no less than four inches and no more than six inches.

Insert the following new section:

00744.52 Preparation of Underlying Surfaces – Any tree branches or foliage which will hinder the proper placement of the surfacing shall be removed by the Contractor by pruning and sealing the cut ends, or tying back in a manner approved by the Engineer. The Contractor shall be responsible for trees damaged that are not properly pruned or tied back.

All surfaces to be paved shall be swept clean by the Contractor no more than 24 hours in advance of paving. The Contractor shall remove vegetation prior to washing or sweeping. The Contractor shall use vacuum street sweepers that are self-propelled equipment with rotating brooms and brushes that are capable of loosening dirt and debris from the road surface. In those areas where dirt and debris cannot be removed with sweeping alone, washing of the surface will be required.

Coordinate construction of driveway transitions with property owners to minimize disruption of access.

00744.60 Correction of Defects – Replace the first paragraph in its entirety except for the section number and name with the following:

Correct all defects in materials and work, as directed, at no additional cost to the Agency. Corrective measures required by the Engineer may include removal and replacement of the surface course within the defective area. Complete all corrective work within 14 calendar days following notification from the Engineer. After completion of the defective work, if the Engineer finds the work unsatisfactory, perform additional corrective work on the areas still not meeting the requirements. Correct defects according to the following:

Insert the following new section:

00744.70 Pavement Smoothness – At the end of the first paragraph, insert the following sentence:

These tolerances shall apply when water valve boxes and other utility appurtenances can be adjusted during the paving operations.

Insert the following new section:

00744.76 Cleanup – Clean and remove all excess asphalt, debris, and tack from all facilities including but not limited to manhole covers, valve boxes, catch basins, gutter, and curb faces.

Keep a sweeper on site at all times to sweep areas as needed and as directed.

00744.80 Measurement – add the following:

No separate measurement will be made for ACP mixture used for leveling.

SECTION 00756 – PLAIN CONCRETE PAVEMENT

Comply with Section 00756 of the Standard Specifications.

SECTION 00759 – MISCELLANEOUS PORTLAND CEMENT CONCRETE STRUCTURES

Comply with Section 00759 of the Standard Specifications modified as follows:

00759.44 Joining New to Existing Concrete – Replace the sentence that begins "Not less than..." with the following:

1/2 inch wide, except where abutting or underlying concrete joints are larger, then the width shall match those joints.

Add the following paragraph after the first paragraph:

Where gaps between preformed expansion joint filler material installed by the Contractor and existing concrete or structures are greater than a 1/4 inch and/or the depth of gaps are deeper than a 1/4 inch, furnish and install a poured joint sealant from the QPL per Section 02440.11. Install backer rod as required per 02440 and the manufacturer's recommendations.

00759.46 Concrete – Add the following after the first paragraph:

Before placing concrete, protect adjacent walls, fences, buildings, or other objects on private property that may be impacted by concrete splatter. Remove any concrete splatter from such objects on the same day that concrete is placed.

Place concrete within 90 minutes after batching and mixing per Section 00440.40.

All driveways, thickened sidewalk, and curb at driveways shall be constructed with HPC 5,000 – 3/4" concrete per Section 02001 of the Standard Specifications.

Concrete sidewalk shall be 4 inches thick over 2 inches of compacted aggregate, or match existing whichever is greater.

Concrete curb shall be 6 inches by 16 inches over 2 inches of compacted aggregate, or match existing whichever is greater.

Add the following section:

00759.56 Protection of Concrete – Protect the freshly poured concrete curbs and sidewalk from vandalism or other damage for a minimum of twenty-four (24) hours or until cured enough to support typical use, whichever is longer. Provide security personnel to guard the fresh concrete during this time. The number of personnel on-site shall be as required to protect the complete amount of concrete placed during the previous 24 hours. Any curb or sidewalk damaged by vandalism, weather damage, or other causes shall be replaced at no cost to the Agency.

All costs associated with protecting the freshly poured concrete shall be incidental to the applicable pay items.

00759.57 Roadside Restoration – After sidewalks and curbs are cured and forms are stripped, construct new landscaping areas or restore any disturbed adjacent surfacing to prior condition or better as described in Section 01020.

Restoration work includes but is not limited to: the roadway surfacing reconstruction work required to retrofit the sidewalk curb ramp, driveway or island, fine grading, bark mulch, sod, joint sealant and any other work necessary to match conditions. Asphalt concrete driveway connections located on private property are addressed under Section 00749.

Roadside restoration will be in accordance with Section 01020.

00759.80 Measurement - Replace this subsection, except for the subsection number and title, with the following:

The quantities of Structures constructed under this Section will be measured according to the following:

- Volume Basis - Measurement will be limited to the Neat Lines of the finished Structure as shown or directed.
- Area Basis - Measurement will be by the horizontal finished surface, limited to the Neat Lines shown or directed.

Measurement of concrete walks will include the total area of concrete walk at 4-inch nominal thickness. For concrete walks indicated to be constructed at a depth greater than 4-inch nominal thickness, the area basis will be multiplied on a proportional basis (i.e. 6" nominal thickness walk will be measured at 1.5 times the actual measured area).

Concrete items may be poured as monolithic curb and sidewalks, but the items will be measured as either concrete walk or concrete curbs, whichever is most appropriate.

- Length Basis - Measurement of concrete items will be along the face of the Structure, from end to end including curb tapers or depressed lengths at driveways and ramps. No measurement will be made for doweling.
- Each Basis - Measurement will be by actual count.

00759.90 Payment - Supplement this subsection with following:

Item (a) shall include curbs with variable height. No separate payment will be made for transitions in curb heights or for reinforcement, when specified. All curb types to be paid under standard curb.

00759.90 Payment - Add the following paragraph to the end of this subsection:

All costs associated with protecting the freshly poured concrete and reinstalling roof drains through removed and replaced concrete curbs shall be incidental to the applicable curb pay item.

SECTION 00850 - COMMON PROVISIONS FOR PAVEMENT MARKINGS

Comply with Section 00850 of the Standard Specifications modified as follows:

00850.40 Plans – Delete (a) and (b)

00850.43 Prepare and Prime Pavement – Add the following:

On collector and arterial roadways, Contractor shall install pavement markings within five calendar days of paving operations unless specified otherwise in the Contract Plans or approved in writing by the Engineer.

All striping and marker removal required shall be incidental to the new striping and/or marker installation.

SECTION 00855 – PAVEMENT MARKERS

Comply with Section 00855 of the Standard Specifications.

SECTION 00860 – LONGITUDINAL PAVEMENT MARKINGS - PAINT

Comply with Section 00865 of the Standard Specifications modified as follows:

00860.40 General – Add the following:

The skid resistance of the pavement marking shall equal or exceed the skid resistance of the adjacent pavement in both wet and dry conditions.

00860.90 Payment – Supplement this subsection with following:

Removal of existing pavement markings shall be considered incidental.

SECTION 00867 - TRANSVERSE PAVEMENT MARKINGS - LEGENDS AND BARS

Comply with Section 00867 of the Standard Specifications modified as follows:

00867.90 Payment – Supplement this subsection with following:

Item (m) Bicycle Lane stencils shall include all stencils placed within the designed bike lane regardless of style.

Removal of existing pavement markings shall be considered incidental.

SECTION 01020 – ROADSIDE RESTORATION

Section 01020, which is not a Standard Specification, is included in this Project by Special Provision.

Description

01020.00 Scope - This Work consists of all work necessary to restore existing roadside surfacing, including grass, topsoil, and gravel materials in areas between the edge of proposed surfacings and existing gravel, lawn and landscaping areas.

This Work also consist of constructing seeding and topsoil in areas where existing surfacing is to be removed and replaced with grass or mulch or new landscape areas created by the construction of concrete curb and sidewalks as shown on the plans.

Materials

Gravel materials shall meet the requirements of Section 00641. Alternatively, the Contractor may submit an alternative gravel material for approval to the Engineer.

Topsoil, mulch, and seed materials shall meet the requirements of Section 01030.

Construction Requirements

Placement of gravel surfacing shall meet the construction requirements of Section 00641.

Placement of topsoil, mulch, and seeding shall meet the construction requirements of Section 01030.

Measurement

1020.80 Measurement - No measurement will be made for the lump sum bid item "Roadside Restoration".

Payment

Pay Item	Unit of Measurement
(a) Roadside Restoration.....	Lump Sum

Payment for item (a) will be payment in full for furnishing and placing all materials, and for furnishing all equipment, labor, and incidentals necessary to furnish, place, and grade gravel, topsoil, mulch or other surfacings between existing soft surfacing (landscaped) areas and the edge of the proposed surfacings; furnishing and placing topsoil in areas where existing surfacing is shown to be removed and replaced with permanent seeding, topsoil, or mulch and restoring all areas behind the proposed improvement to pre-construction condition; and repairing existing irrigation systems impacted during construction.

Payment also includes seeding areas filled or transitioned with topsoil.

SECTION 01040 – PLANTING

Comply with Section 01040 of the Standard Specifications modified as follows:

01040.14 Topsoil - Insert the phrase "to depths shown on drawings or 6-inches minimum" immediately following the words "Furnish topsoil" in the first sentence.

01040.14(b) Imported Topsoil – Add the following at the end of this subsection:

Provide soil amendments in accordance with Section 1040.16.

01040.17 Soil Bio-Amendments - Delete this subsection.

01040.42 Planting Season (East of the Cascades) - Delete this subsection.

01040.44 Select Wetland Topsoil - Delete this subsection.

01040.46 Soil Bio-Amendments - Delete this subsection.

01040.49 General Planting - Replace the bullet that begins "Do not plant in standing..." with the following bullet:

- Do not plant in standing water unless approved by the Agency. If standing water is present, notify the Agency prior to planting to determine what corrective measures are required.

01040.80 Measurement - Replace this subsection except for the section number and title with the following:

All landscaping shall be measured under 01020.

01040.90 (a) Soil Testing – Delete this subsection in its entirety.

01040.90 (b) Topsoil and Wetland Topsoil – Replace this subsection except for the section number and title the following:

Topsoil will not be paid separately and shall be considered incidental.

01040.90 (c) Soil Conditioners – Delete this subsection in its entirety.

01040.90 (f) Mulch – Delete this subsection in its entirety.

01040.90 (g) Miscellaneous – Delete this subsection in its entirety.

SECTION 01050 – FENCES

Comply with Section 01050 of the Standard Specifications modified as follows:

01050.40 General – Add the following after the first paragraph:

Remove and reinstall fence in right-of-way in-kind as needed to access water service.

01050.49 Removing and Rebuilding Fence – Add the following after the first paragraph:

Materials intended for reuse shall be approved by the Engineer prior to reinstallation.

SECTION 01140 – POTABLE WATER PIPE AND FITTINGS

Comply with Section 01140 of the Standard Specifications supplemented and/or modified as follows:

01140.10 Materials – Before the first sentence, insert the following:

All waterline materials supplied by the Contractor shall be American Made.

01140.40(d) Grade and Alignment Changes – Supplement this subsection with the following:

Pothole existing utility crossings a minimum of 100 feet in advance of the pipe installation to identify any grade conflicts. Notify the Engineer of any conflicts.

01140.41(a) General – Add the following paragraph:

All pipe shall have a minimum cover of 36 inches below the existing road grades, or as shown on the plans.

01140.41(f) Other Utilities– Replace the first sentence in the paragraph beginning with “Maintain a minimum vertical...”with the following:

Maintain a minimum vertical clearance of 6 inches between installed pipe and other utilities.

01140.44 Thrust Restraint: - Replace the entire section with the following.

Restrained joints will be required at all valves, reducers, bends, tees, crosses, dead ends, vertical offset fittings, and all pipe joints within the indicated or specified restraint distances shown on the approved construction drawings. Otherwise, mechanical restraints (i.e. mega-lugs or approved equal) shall be required at all fittings in addition to thrust blocks. When special circumstance dictates, the City may require 100% joint restraint.

The specified restraint distance on each side of the fitting shall be indicated on the approved construction drawings. Joint restraint systems shall be designed and installed according to the manufacture's recommendations.

Specified restraint distances shall be designed using a minimum factor of safety of 2.5 and be based on EBAA Iron Thrust Restraint Calculator, DIPRA Thrust Restraint Program, McWane Thrust Restraint Calculator, or an approved equal.

Thrust blocks may still be required in certain circumstances or when required by the City. Examples may include connections to existing cast iron, pvc, asbestos cement, or any pipe material that is deemed to be fragile or unrestrained, hot taps or cut in tee's, fire hydrants, or when key way thrust blocks are required to secure end of line blow off assemblies.

Add the following subsections:

01140.47 Connections to Existing Mains – Add the following prior to the first paragraph:

All testing and disinfection shall be coordinated with City of Roseburg Public Works Department staff. Before any connections are made to the existing distribution system, newly constructed waterlines (including all fittings, valves, fire hydrants, and other appurtenances) shall, in this order, be:

1. Flushed at a minimum rate of 2.5 fps.
1. Pass a pressure test. Pressure testing shall be done according to American Water Works Association (AWWA) Standards and approved by City of Roseburg Public Works Department staff.
2. Pass bacteriological testing. Disinfection and flushing shall be done according to AWWA Standards. City of Roseburg Public Works Department staff shall determine sampling points and collect samples.

All water used during filling, flushing, pressure testing, and disinfecting the waterline shall be metered and billed to the Contractor and disposed of properly. Obtain a fire hydrant meter from the City of Roseburg per Section 00340 for all water used during filling, flushing, pressure testing, and disinfecting the waterline.

The new waterline shall be built as close as possible, as determined by the City inspector, to the existing water system at points where connections are to be made. Blow-offs that conform to City of Roseburg Standards shall be provided by the Contractor at all dead-ends and points of connection to the existing system. A temporary fill point shall be provided by the Contractor for filling, flushing, pressure testing, and disinfecting the new water system.

01140.47(c) Connection Assemblies – Add the following to this subsection:

The work to perform the connection may need to be carried out during times other than normal working hours. Coordinate these times with the Engineer and Public Works staff. Do not operate any

valves on the existing system. City staff will operate all existing valves to isolate waterlines for required work.

01140.47(e) Cutting Main Lines – Add the following to this subsection:

Due to the age of the existing water lines and valves, leakage of existing facilities may occur during connection to the existing mains. Keep pumps on-site that are adequate to keep trenches dewatered. Provide sediment filtering for dewatering water prior to discharge per Section 00280. Coordinate with the City of Roseburg Public Works Department prior to connection.

01140.48(a) Service Transfer – Add the following to this subsection:

Where existing services are to be transferred from old to new mains, the Contractor shall coordinate their work to limit interruption of service to four hours, unless otherwise noted on the Contract Drawings.

Notify all affected water users a minimum of 48 hours prior to disruption of service. Distribute door hangers as provided by the City of Roseburg Public Works Department to each affected water user. The door hanger shall include a specific date and time of the disruption of service.

01140.51(a) General – Add the following sentences to the beginning of the first paragraph:

Hydrostatic tests shall be monitored by the Engineer or the City of Roseburg Public Works Department.

01140.51(a) General – Add the following sentences to the beginning of the first paragraph:

Hydrostatic tests shall be monitored by the Engineer and the City of Roseburg Public Works Department.

01140.52(h) Flushing and Testing – Add the following at the end of this subsection:

Do not discharge highly-chlorinated water used for disinfection to the storm sewer system, sanitary sewer system, or surface water drainage. Follow applicable federal, state, and local regulations concerning the discharge of chlorinated water. Contractor must request and receive written approval from the Roseburg Urban Sanitary Authority (RUSA) for discharge into the sanitary sewer system. If approved, then provide a minimum of 48 hours' notice to RUSA prior to discharge. The Contractor shall not have a direct connection to the sanitary sewer but shall hold the hose a minimum of one foot above the manhole in order to provide an air gap.

01140.80 Measurement

(a) Pipe, Fittings, and Couplings - Add the following:

Measurement shall include length of pipe, valves, and fittings as measured along the centerline alignment of the water main between points of connection to the existing system as shown on the plans. Measurement for additional pipe spools, valves, and fittings necessary for connections shall not be included in this pay item and will be included in the pay item for connections to existing mains. Pipe for hydrant runs shall not be included in this pay item and will be included in the pay item for hydrant assemblies, including all necessary bends, valves, and fittings necessary to complete hydrant installation.

Measurement for Ductile Iron Water Pipe Installation shall include, saw cutting, thrust block installation, marker balls, fittings (unless specifically called out in the bid schedule), pressure testing, flushing and disinfections and other work necessary for the installation of the waterline not specifically listed in the bid schedule.

(b) Extra Trench Excavation - Replace this subsection with the following:
Measurement of excavation and backfill for water main line will be made according to Section 00405. No work beyond allowable widths specified in 00405.41(c) will be measured, unless approved in writing by the Engineer.

No measurement of excavation, bedding and backfill for work other than water main installation will be measured.

(e) Extra for Encasing Sanitary Sewer Lines - The quantities of extra for encasing sanitary sewer lines will be measured on the unit basis.

Add the following:

CLSM will be measured according to 00442.80.

01140.90 Payment – Add the following pay items:

Pay Item	Unit of Measurement
(o) Connection to Existing - _____	Each

Add the following:

Item (b) will not be used. All restrained and non-restrained joint potable water pipe will be paid under item (a). Any restrained joints are incidental to item (a).

In item (o), the street names will be inserted in the blanks.

Item (o) shall include all pipe spools, fittings not included in the bid schedule, sleeves, additional excavation and backfill beyond the trench limits specified in 00405.41(c), testing, disinfection, saw cutting, and other work necessary for a complete connection.

Item (p) shall include all saw cutting, excavation, backfill, and other work necessary to encase existing sanitary sewer lines in CLSM.

CLSM will be paid for according to 00442.90.

Item (b) shall include saw cutting, thrust block installation, fittings and valves (unless specifically called out in the bid schedule), pressure testing, flushing and disinfections and other work necessary for the installation of the waterline not specifically listed in the bid schedule.

No additional payment will be provided to relay the pipe due to a conflict that was shown on the plans, located or not located or could reasonably be determined by the Contractor by potholing in advance of pipe lay operation.

No additional payment will be provided for replacement of existing storm or sewer piping damaged during watermain installation.

Add to the last paragraph:

- Fittings or couplings not included in the bid schedule
- Couplings between pipe testing segments
- Mechanical joint restraint devices
- Removal of existing pipe, hydrants, valves, and fittings
- Chlorination tap
- Temporary plugs or caps, blow-off assemblies, and thrust blocking for testing.
- Exploratory excavations
- Temporary restraint of the existing water system including hydrants, valves, pipe, and fittings as necessary to construct the proposed water main
- Installing, maintaining, and removing temporary construction blow-offs
- Removal of existing fittings, waterline, and thrust blocks to permit proposed connections
- Marker balls

Remove from the last paragraph:

- Trench excavation
- Bedding
- Pipe zone material
- Backfill work

SECTION 01150 – POTABLE WATER VALVES

Comply with Section 01150 of the Standard Specifications modified as follows:

01150.10 Materials – Add the following:

All valves supplied by the Contractor that are part of the publicly-owned system shall be American Made.

All valve boxes shall be Olympic Foundry Rich Style 931, or approved equal.

All valve box extensions shall be one continuous spool of 6" PVC pipe.

01150.90 Payment – Add the following:

Payment for item (a) shall also be payment in full for installing restrained joints and concrete collars.

Item (f) includes all equipment, labor, materials, and incidentals necessary to install combination air release/air vacuum assemblies in accordance with the specifications and City Standards including but not limited to: excavation, bedding, pipe, fittings, valves, enclosures, backfill, and compaction.

No separate or additional payment will be made for:

earthwork

- jointing
- blocking of valves
- protective coatings
- valve operator extensions
- valve reconnections
- hydrostatic testing

SECTION 01160 – HYDRANTS AND APPURTENANCES

Comply with Section 01160 of the Standard Specifications modified as follows:

01160.00 Scope – Add the following to this subsection:

Work shall also consist of abandoning and salvaging existing hydrants as noted on the Plans. This work shall be considered incidental to the installation of new hydrants.

01160.40 Setting Hydrants - Replace the entire paragraph that begins with “Inspect all hydrants upon delivery...” with the following:

Inspect all hydrants upon delivery in the field to ensure proper working order. Provide a minimum 3 foot radius unobstructed working area around all hydrants. Set the traffic flange a minimum of 2 inches and a maximum of 6 inches above finish grade. Allow the hydrant barrel drain to waste into a pit of porous gravel material situated at the base of the hydrant.

01160.80 Measurement – Replace the second paragraph with the following:

New lateral pipe for hydrant connections to water mains will not be measured separately.

01160.80: Replace second sentence in this section with the following:

No additional payment will be made for hydrant lateral pipe, tees, elbows, valves, valve boxes, thrust restraints, concrete blocks, gravel, and paint. Furthermore, all work associated with completing exploratory excavations and trench resurfacing will be considered incidental.

01160.90 Payment – Replace this section with the following:

The accepted quantities of Work performed under this Section will be paid for at the Contract unit price, per unit of measurement, for the following items:

Pay Item	Unit of Measurement
(a) Hydrant Assemblies.....	Each

Item (a) includes all pipe and fittings from the hydrant to the mainline, tie rods, concrete blocks, thrust blocks, drain rock, excavation and backfill.

No additional payment will be made for abandoning and/or removing existing hydrants, hydrant valves, hydrant pipe, capping existing laterals, and painting/powder coating.

Payment will be payment in full for furnishing and placing all Materials, and for furnishing all Equipment, labor, and Incidentals necessary to complete the Work as specified.

SECTION 01170 – POTABLE WATER SERVICE CONNECTIONS, 2 INCH AND SMALLER

Comply with Section 01170 of the Standard Specifications modified as follows:

01170.00 Scope – Supplement this subsection with the following:

This includes furnishing and installing new corporation stops, copper service lines, angle meter stops, meter box, backflow device (if required), and connecting to the private service line. Work shall also include obtaining a plumbing permit for the connection to the private service line, if required.

City shall retrofit water meter box lids post-construction for AMR as needed.

Add the following new section:

01170.01 Definitions and Descriptive Terms:

Far Side Services: Service installations that require 25 or more linear feet of service pipe. These services generally cross a minimum of one (1) travel lane.

Near Side Services: Service installations that require less than 25 linear feet of service pipe. These services are generally on the same side of the street as the water main.

01170.10 Materials – Add the following paragraph:

All waterline materials supplied by the Contractor shall be American Made.

All water meter boxes shall be DFW Meter Box 486Wb and Lid 486C or approved equal.

All service piping shall be 1” 200 p.s.i. polyethylene SIDR7 (PE 3408).

All ball corporation stops shall be Ford F1001 (CC x Pack Joint) or approved equal.

All ball angles meter stops shall be Ford KV63-342W (Pack Joint) or approved equal and be sized for a 1” meter.

01170.41 Reconnecting Existing Services – Page 1019 of the “Oregon Standard Specifications for Construction” Make the following changes:

1. **Add** the following subsections immediately following the first paragraph:

a) **Service reconnections:**

- Existing meters are to be reused – everything else is being replaced (i.e. brass fittings, meter box, service line, etc.), Pack joint fittings are to be used at all connections to existing service lines. PVC and glued fittings will not be accepted. Brass fittings shall be manufactured by Ford Meter Box Company or A.Y. McDonald Manufacturing Company. All brass fittings shall be lead free.

b) **Licensed plumber requirements:**

- Per plumbing code requirements, a licensed plumber is required to make connections to existing service lines if work extends beyond 5’ from the backside of the meter.

01170.80 Measurement – Replace this section with the following:

The quantities of near side and far side water service replacements will be measured on the unit basis. See Section 01170.01 for definitions of near side run and far side run services.

01170.80 Payment – Modify this section as follows:

Add the following pay items:

Pay Item	Unit of Measurement
(g) Reconnect Water Service, ___ Inch Diameter, ___ Side.....	Each

Items (g) include excavating, tapping the main, pipe and fitting materials, laying and jointing the pipe and fittings, corporation stop, water meter box (unless otherwise shown in the plans), appurtenances, bedding, backfill, testing, flushing, and disinfection of the water service.

Items (g) and (h) also include:

- Meter setters
- Tapping saddles (if required)
- Abandoning/removing existing water services, water meters and appurtenances
- Sawcutting
- Connections to existing water service piping
- Plumbing permits (if required)

Section 02470 - Potable Water Pipe Materials

Comply with Section 02470 of the Standard Specifications, modified as follows:

02470.20 Ductile Iron Pipe:

Replace this section with the following:

(a) General –

Ductile iron pipe shall be designed in accordance with the latest revision of ANSI/AWWA C150/A21.50 for a minimum 150 psi rated working pressure plus a 100-psi surge allowance. If anticipated project requirements include greater working or surge pressures, the actual anticipated total pressure should be used. This design standard incorporates a 2 to 1 factor of safety on the sum of working pressure plus surge pressure. The laying condition shall be Type 5 and a depth of cover of 3 feet shall be used.

Ductile iron pipe shall be manufactured in accordance with the latest revision of ANSI/AWWA C151/A21.51. The raw material for ductile iron shall have an average minimum recycled content consisting of 90% scrap iron and steel. Each pipe shall be subjected to a hydrostatic pressure test of at least 500 psi at the point of manufacture. All coatings and materials specified herein which may come in contact with potable water shall conform to National Sanitation Foundation (NSF) Standard 61 and 372.

Pipe shall be centrifugally cast, new, free of defects, and externally marked, in manufactures color, indicating gauged pipe. Pipe shall be sound, smooth, and free from scales, lumps, blisters, sandholes, laps and defects of any nature which would make unfit for intended use. Plugging, filling, burning-in, or welding will not be permitted.

(b) Tolerances –

- 1) Pipe shall be furnished in nominal 18-foot or 20-foot lengths.
- 2) Pipe shall be true circles in section with the inner and outer surfaces concentric.

- 3) The weight of any single pipe shall not be less than the theoretical calculated weight by more than 6 percent for pipe smaller than 12 inches in diameter, or by 5 percent for pipe larger than 12 inches in diameter.
- 4) When specified, gauged pipe shall be fully gauged along the entire length and shall meet the outside diameter (OD) standard dimensions and tolerances required for spigot ends, along the entire pipe piece length as specified in AWWA C151, Table 3.

(c) Strength Requirements –

Ductile Iron Pipe shall have the following minimum values:

Tensile Strength	60,000 psi
Yield Strength	42,000 psi
Percent Elongation	10%

(d) Coatings and Linings –

Coatings and Linings shall be in accordance with ANSI/AWWA C151, Section 4.4 as follows:

- 1) Outside coating – The outside coating used under normal conditions shall be an asphaltic coating approximately 1 mil thick. The coating shall be applied to the outside of all pipe, unless otherwise specified. The finished coating shall be continuous and smooth, neither brittle when cold or sticky when exposed to sun, and shall be strongly adhered to the pipe.
- 2) Interior coating - The inside coating shall be a cement mortar lining and seal coat as specified in ANSI/AWWA C104/A21.4-16, or latest revision.

(e) Thickness Class Ductile Iron Pipe

All pipe for water mainlines shall be thickness class ductile iron pipe as specified in in ANSI/AWWA C151/A21.51-09, Table 3, unless otherwise specified. 4-inch Ductile Iron Pipe shall be Class 52, 6-inch Ductile Iron Pipe shall be Class 51, 8-inch through 16-inch shall be Class 50, and 18-inch & larger Ductile Iron Pipe shall be Class 52, unless otherwise approved by the City.

The nominal thickness, net weight without lining, and casting period shall be clearly marked on each length of pipe. Additionally, the mark of the manufacturer, country where cast, year in which the pipe was produced, and the letters “DI” or “Ductile” shall be cast or stamped on the pipe.

(f) Push-On Joints

Joints shall conform to AWWA C111/A21.11-12 for push on rubber gasket joints and shall be Tyton® type or Fastite® type without exception. Unless otherwise noted, the pressure rating shall be 350 psi minimum. Joint gaskets including gasket lubricant shall be furnished with the fittings.

(g) Testing and Disinfection

All pipe, fittings and accessories shall be installed and tested in accordance with the latest revision of ANSI/AWWA C600. Newly installed ductile iron water mains shall be disinfected in accordance with the latest revision of ANSI/AWWA C651 prior to placing in service.

(h) Approved Pipe Manufactures

Ductile iron pipe shall be manufactured in the United States of America in accordance with ANSI/AWWA C151/A21.51 unless otherwise approved by the City. Approved manufactures include: American Ductile Iron Pipe, McWane Ductile, and U.S. Pipe.

02470.30 Steel Pipe 6 Inches and Larger: Delete this section

02470.35 Steel Pipe Under 6 Inches: Delete this section

02470.40 Polyvinyl Chloride (PVC) Pipe 4” Inches and Larger: Delete this section

02470.45 Polyvinyl Chloride (PVC) Pipe Under 4 Inches: Delete this section

2470.50 Polyethylene Encasement – Add the following:

(a) Polyethylene Encasement shall be V-Bio® Enhanced Polyethylene Encasement manufactured. V-Bio film shall be a three layer protection system consisting of an enhanced polyethylene encasement infused with a corrosion inhibitor and anti-microbial additive meeting or exceeding ANSI/AWWA C105/A21.5, ASTM A674, and ISO 8180. Acceptable manufactures include McWane Ductile, US Pipe, DIPRA, or approved equal.

2470.60 Marking Tape and Wire:

(a) **Marking Tape -** Add the following:

Marking tape shall consist of inert polyethylene plastic that is impervious to all know alkalis, acids, chemical reagents and solvents likely to be encountered in the soil. The tape shall be a minimum of 6-inches in width. The tape shall be blue and shall be imprinted continuously over it's entire length in permanent black ink with the words "CAUTION BURIED WATER LINE BELOW".

(b) **Detectable Marking Wire –** Replace this sentence as follows:

Detectable marking wire shall be No. 12 AWG solid copper wire with high molecular weight polyethylene (HMWPE) insulation. The HMWPE insulated cover shall be blue in color and have a minimum thickness of 45 MILS. Wire shall be UL rated for 140 degrees Fahrenheit. Joints or splices shall be waterproof.

(c) **Electronic Locating Materials –** Add the following:

A. Marker Balls:

1. Exterior Material: High-Density Polyethylene.
2. Size: Maximum 4.5 inches in diameter
3. Range: Locatable with standard electronic marker locating devices at depths up to 5 feet.
4. Field Type: Spherical RF field regardless of orientation.
5. Contain no floating or movable parts, and no batteries or active components.
6. Color: Provide Blue – Potable Water
7. Manufacturer and Product: Omni Marker Model 161 (Blue), or approved equal.
8. Install according to manufactures recommendations and as shown or directed and according to the following requirements:
 - a. Install marker balls directly above the pipe alignment at a depth no less than 3 feet and no more than 4.5 feet below final surface grade.
 - b. Install marker balls during trench backfill operations by placing the marker ball in compacted backfill.
 - c. Cover marker ball with a minimum of 6 inches of backfill and compact backfill before continuing trench backfill operations.
 - d. Install marker balls with trenchless pipe installations by core-drilling hole or a minimal diameter needed to allow clearance for placement of marker ball. Backfill with approved trench backfill, pavement base and pavement, as applicable.

B. Water Marker Ball Locations:

- a. Install marker balls directly above connection points, air valve and service taps, termination points and all fitting locations, and at a minimum spacing of 50 linear feet on water lines with a straight horizontal alignment and deflected radius of curvature.
- (d) Tracer Wire Connectors:
 - a. Waterproof, corrosion proof and suitable for No. 12 AWG solid core wire.
 - b. Prefilled with silicone and suitable for use with low-voltage tracer lines of less than 50 volts.
 - c. Lug Connectors shall be water proof plastic housing that encases the silicone prefilled lug terminals. Manufacturer and Product: King Innovations; DryConn™ Direct Bury Lug, or approved equal.
 - d. Twist Connectors shall be waterproof epoxy-filled packaging that encases the silicone prefilled twist connectors.
 - e. Manufacturer and Product: 3M Division; DBY Direct Bury Splice Kit 09053 connectors, or approved equal.

Section 02475 – Potable Water Fitting Materials

Materials

Comply with Section 02475 of the Standard Specifications modified as follows:

Section 02475.20 Ductile Iron Pipe Fittings

Delete the second to last sentence in this paragraph starting with the word “Gaskets”. Add the following section(s) after this paragraph:

- (a) **General** - All fittings and accessories shall be new and unused. Fittings shall have distinctly cast upon them the manufactures identification, pressure rating, nominal diameters of openings, and (on all bends) the number of degrees. Ductile Iron Pipe shall be manufactured in the United States of America unless otherwise approved by the City.
- (b) **Gaskets** -
Gaskets for flanged joints (excluding insulating flange joints) shall be as follows:
 - 1) Pipe sizes up to 24-inch: Gaskets shall be full face gaskets, premium red rubber, 1/8-inch thickness, Garlock 22, or equal.
 - 2) Pipe sizes 24-inch and greater: Gaskets shall be ring gaskets, premium red rubber, 1/8-inch thickness, Garlock 22, or equal.
- (c) **Testing** - Testing shall be in accordance with AWWA C110
- (d) **Linings and Coatings** - Fittings shall be coated inside with an epoxy or cement mortar with an asphaltic seal coat conforming to AWWA C104, and coated outside with an approved epoxy or a bituminous coating at least 1 mil thick, as noted in AWWA C110.
- (e) **Flanged Fittings** - Flanges shall be drilled in accordance with ASME B16.1 Class 125. Flange faces shall have shallow serrations. Flange bolt holes shall be spot-faced.
- (f) **Compact Fittings** - All ductile iron fittings 24-inch and under, where applicable, shall be of compact design conforming to AWWA C110, AWWA C104, and AWWA C153.
- (g) **Glands**- All glands are to be ductile iron conforming to AWWA C111.

(h) Approved Fitting Manufactures -

All pipe fittings shall be manufactured in the United States of America unless otherwise approved by the City. The only exception shall be non-domestic ductile iron AWWA C153 and C110 fittings manufactured by McWane Ductile (Tyler/Union) which meet the requirements listed elsewhere in Section 2475.

Section 02475.50 – Restrained Joints – Add the following paragraphs

Restrained joint ductile iron pipe and fittings shall be provided as identified on the engineered construction drawings. All fittings shall be restrained to the specified restraint distances as required for the application and as shown on engineered construction drawings. Suspended pipe and pipe through casings will be mechanical joint pipe as shown on plans. Pipe at other locations may be push-on joints. Joint restraint for pipe shall be accomplished with an integral lock mechanism except as may be otherwise specified. Any such system shall be a manufacturer’s standard proprietary design, shall be as recommended by the manufacturer for the application, and shall be performance proven.

Restraining components for pipe shall be ductile iron in accordance with applicable requirements of ANSI/AWWA C110/A21.10 and/or C153/A21.53 with the exception of the manufacturer’s proprietary design dimensions. Restraints for mechanical joints shall be epoxy coated. Push-on joints for such fittings shall be in accordance with ANSI/AWWA C11.A21.11. Restrained joints for pipe shall be designed for the test pressure as specified for the lengths of pipe shown on the drawings. The maximum pipe deflection shall not exceed on half of the manufacture’s stated joint deflection allowance.

Restrained joint systems shall be from the following list or approved equal:

Boltless Restrained Joint Pipe:

Approved boltless restraint joint pipe manufacture and systems include:

- 1. “Flex-Ring” , American Cast Iron Pipe Company
- 2. “TR FLEX” , United States Pipe and Foundry Company
- 3. “TR Flex” , McWane Ductile
- 4. “HDSS” , United States Pipe and Foundry Company
- 5. or approved equal.

Mechanical Restraints:

Where such a system may require “MEGALUGs” for restrains, “MEGALUGs” (or approved equal) restraining glands shall be provided at all fittings in quantities as may be required and shall be considered incidental to the joint restrain system. Restraining glands shall be manufactured from ductile iron meeting or exceeding ASTM A536, Grade 65-45-12 with an electrostatically applied coating with a bonded coating systems. Restrained piping shall be pressurized following installation and prior to completing tie-ins. Approved mechanical joint restraint systems and manufacture include:

- 6. “MEGALUG” , EBBA Iron, Inc.
- 7. “TUFGRIP” , Tyler Union / McWane Ductile
- 8. “ROMAGRIP” , ROMAC Industries, Inc.
- 9. or approved equal.

Restrained Gaskets:

Approved restrained joint gaskets systems and manufacture include:

- 9. “Amarillo FAST-GRIP”, American Cast Iron Pipe Company

- 10. "FAST-GRIP" , American Cast Iron Pipe Company
- 11. "FIELD LOK 350" , US Pipe
- 12. "SURE STOP 350" , McWane Ductile
- 13. "GRIPRING" , Romac Industries, Inc.
- 14. or approved equal.

Section 02480 – Potable Water Valve Materials

Materials

Comply with Section 02480 of the Standard Specifications, modified as follows:

02480.20 Gate Valves:

- (a) **Minimum Pressure** – Replace the first sentence with:

Gate valves shall be reduced-wall, ductile iron-body, resilient-seated gate valves meeting the requirements of AWWA C515.

Add the following subsection:

- (d) **Approved Gate Valve Manufactures** –

All gate valves shall be manufactured in the United States of America unless otherwise approved by the City. Approved manufacturers makes and models include American Flow Control Series 2500, American AVK Series 65, Kennedy KS-RW, Clow Model 2638, or an approved equal.

02480.25 Valve Boxes – Replace this section with:

Valve boxes shall be Rich Style 931 with ductile iron upper and lower sections or approved equal. All lids are to be stamped or cast with a "W" or "Water".

02480.26 Valve Stem Extension – Replace last sentence with:

Valves with an operating nut shall be located between 2 feet and 4 feet below finished grade. Operating nuts more than 4 feet below finished grade shall have a valve extension raising the operating nut to 2 feet below finished grade.

Approved manufactures include Fiberplas® Fiberglass valve can extension, manufactured by Pipeline Products, or approved equal.

02480.30 Tapping Sleeve and Valve Assemblies: Replace this section as follows:

- (a) **Stainless Steel – Flanged Tapping Sleeves**

- 1) Stainless steel tapping sleeves shall be fabricated from 18-8 Type 304 stainless steel or its equivalent.
- 2) Stainless steel flanges shall comply with AWWA C228-08, with ANSI class 150 drillings and be recessed to accept tapping valve per MSS-SP 60.
- 3) Bolts and hardware to be type 304 stainless steel and the branch outlet shall be heavy stainless steel pipe.
- 4) Unit shall have a stainless steel test plug.
- 5) Gasket shall be SBR material and be full circumferential.

- 6) Tapping sleeves shall be ANSI/NSF Standard 61 certified.
- 7) Sleeves 4"-8" Shall have a working pressure of 250 PSI
Sleeves 10"-24" Shall have a working pressure of 200 PSI
Sleeves 26"-30" Shall have a working pressure of 150 PSI

(b) Steel – Flanged Tapping Sleeves (For Tapping Ductile Iron Pipe Only)

- 1) Sleeves shall be manufactured from materials per AWWA C200 and be finished with fusion bonded epoxy minimal 12 mils exterior, NSF approved.
- 2) Sleeve shall be capable of installation on several classes of ductile iron pipe as well as Asbestos-Cement and Cast Iron pipe.
- 3) Installation shall include no special tools, shims, welding, or caulking.
- 4) Fabrication shall be in accordance with AWWA C200 and C207.
- 5) Steel flanges shall comply with AWWA C207, Class D with ASME B16.5, 150 PSI drilling.
- 6) Flanges shall be recessed to mate with standard tapping valves per MSS-SP-60 up through 12-inch size.

(c) Ductile Iron – Tapping Sleeves

- 1) Sleeves shall be manufactured from materials per AWWA C110, C111, C115, C150, and/or C153 as applicable.
- 2) Sleeves shall be capable of installation on several classes of ductile iron pipe as well as Asbestos-Cement and Cast Iron pipe.
- 3) Installation shall include no special tools, shims, or caulking.
- 4) Sleeves shall be manufactured in accordance with MSS-SP-111.
- 5) Ductile Iron flanges shall comply with AWWA C110, C115, C150 with ASME 16.1, Class 125 drilling. Flange ends shall be manufactured in accordance with MSS-SP-60

(d) Pressure Rating

The installed assembly must be rated by the manufacturer for a minimum working pressure of 175 psi and capable of a minimum test pressure of 125% without leakage or pressure loss.

(e) Valve Assemblies -

Furnish tapping valves with flanged inlet end connections. The outlet ends shall conform in dimension to the AWWA Standards for hub or mechanical joint connections, except that the outside of the hub shall have a large flange for attaching a drilling machine. The seat opening of the valve shall permit a diameter cut no less than ½ inch smaller than the valve size. Valves specifically designed for tapping shall meet the requirements of AWWA C500-09, C509-15, and C515-15. Tapping valves shall be of the same type as other valves on the project.

(f) Approved Manufactures and Models –

- 1) Stainless Steel Tapping sleeves shall be manufactured by:
 - JCM 432 Series
 - ROMAC SST
 - ROMAC SSTIII
 - ROMAC STS 420 (for use on Ductile iron only)
 - Or approved equal
- 2) Steel tapping sleeve shall be manufactured by:
(for use on Ductile Iron only):
 - JCM 412 series
 - ROMAC FTS-420 Series

- Smith Blair 622 and 623 series
 - Or approved equal
- 3) Ductile Iron Tapping sleeves shall be manufactured by:
- American Flow Control, Series 2800-A
(for Asbestos Cement (A-C) Pipe)
 - American Flow Control, Series 2800-C
(for Ductile Iron or Cast Iron Pipe)
 - Tyler Union 25U Mechanical Joint Tapping Sleeve
 - Or approved equal

Section 02485 – Hydrant and Appurtenance Materials

Comply with Section 02485 of the Standard Specifications, modified as follows:

Materials

2885.10 Fire Hydrants - Replace this section with the following:

Fire hydrants shall three port 5-1/4” dry-barrel. All components of the upper barrel section, and lower base section shall be constructed of ductile iron that meets or exceeds all the requirements of ANSI/AWWA C502, with a minimum pressure rating of 250 PSIG. All external surfaces of the upper barrel and top pieces shall have a factory applied epoxy coating yellow in color.

Hydrants shall be certified to meet all the requirements of NSF/ANSI 61, and NSF/ANSI 372.

2485.30 Hydrant Dimensions and Nozzle Features:

(b) Nozzle Features – Replace first sentence with:

Hydrants shall have two 2-1/2 inch diameter hose nozzles and one 4-1/2 inch diameter pumper nozzle. Pumper nozzle shall be fitted with a 5” Storz adapter Model No. HPHA5045CAP. It is preferred that hydrant be supplied from the factory with the 5-inch Storz adapter integrated directly onto the pumper nozzle rather than modifying the hydrant using a separate Storz fitting adapter.

All fire hydrants shall be manufactured in the United States of America unless otherwise approved by the City. Approved fire hydrant makes and models include:

- American Flow Control/Waterous Pacer WB-67-250
- American AVK Series 2780 Nostalgic
- Kennedy Guardian K81DI
- Or approved equal

Section 02490 – Potable Water Service Connection Materials, 2 Inch and Smaller

Comply with Section 02490 of the Standard Specifications, modified as follows:

Materials

2490.20 Saddles – Replace paragraph with the following:

Service saddles shall be nylon coated ductile iron with stainless steel straps with a pressure rating up to 350 psi. Saddles used for 1 inch services shall be single strap Romac 101NS or approved equal. Saddles for 2-inch services shall be double strap Romac 202NS or approved equal.

2490.30 Corporation Stops – Replace with the following:

Corporation stops shall be “NL Ball Style” rated for 300 PSIG water pressure and shall be made of bronze alloy. Valve shall have pack joint fittings with set nuts for service pipe. Corporation stops for direct tapping shall have AWWA tapered thread inlet and outlet connections compatible with polyethylene tubing. Corporation stops used with 1-inch outlet saddles shall have either AWWA tapered thread or male iron pipe thread inlets and outlet connections with polyethylene tubing. Thread patterns for the saddle outlet and corporation stop inlet shall be the same. Corporation stops used with 2-inch outlet saddles shall have male iron pipe thread inlets and outlet connections compatible with connecting service pipes.

Approved Manufactures of Corporation stops:

- McDonald NL Ball Style Corporation Stop – 74701B-33 or the equivalent from Ford Meter Box Company.

2490.40 Service Pipe and Fittings – Replace with the following:

(b) Polyethylene Tubing Service Pipe – Replace paragraph with:

Polyethylene tubing service pipe shall meet the requirements of AWWA C901. Tubing shall be high molecular mass with a 200 psi rating. Tubing used for 5/8x3/4 and 1-inch meter assemblies shall be 1-inch Dia. SDR 7 (PE 3408) Iron Pipe Size. Tubing used for 1-1/2-inch and 2-inch meter assemblies shall be 2-inch Dia. SDR 7 (PE 3408) Iron Pipe Size. Length of tubing between service saddle and the meter shall be one continuous piece with no joints or splices. Extensions to existing service runs in order to move or adjust existing meter box locations will be approved by the City on a case by case basis. Splice connections to make extensions for such adjustments will be made using brass “Pack Joint” fittings with set nuts manufactured by Ford Meter Box Company or the equivalent from A.Y. McDonald Manufacturing Company.

(c) Polyvinyl Chloride (PVC) Service Pipe 2 Inch and Under - Add the following:

Polyvinyl chloride (PVC) 2 inches and under in diameter shall meet the requirements of ASTM D 2241. Pipe material shall be PVC 1120, PVC 1220, or PVC 2120, and shall be Schedule 80, or as specified or indicated. Joints shall be rubber gasket pack joint with axial restraint meeting the requirements of AWWA C800. Solvent welded pipe joints will not be allowed.

(D) Angle Meter Stops - Angle meter valves shall be of the NL “Ball Style” rated for 300 PSIG water pressure and shall be made of bronze alloy. Valve shall have pack joint fittings with set nuts for service pipe and a meter swivel nut. Valve shall be quarter turn and shall have a lock wing.

Approved Manufactures of Angle Meter Stops:

- o McDonald NL Ball Style Meter Stop – 74602B-33 or the equivalent from Ford Meter Box Company.

02490.70 Meter Boxes: - Replace this section with:

Meter boxes and covers shall be constructed of polymer concrete that meet City of Roseburg standards. Meter boxes and covers shall be designed for H-20 loading. Meter boxes shall be manufactured by DFW Plastics, Inc., with model numbers matched to meter sizes and lids as follows:

(a) Single 5/8" X 3/4 inch, and 1" Service:

DFW 11"x18"x12" Gray "WIDE BODY"
Meter Box Body Polymer H20 Rated
DFW486WBC4-12-BODY,

DFW 11"x18" Gray Solid Meter Box
Cover with Magnet Polymer
DFW486C-4M-<>LID
H20 Rated No hook.

(b) Dual 5/8 inch X 3/4 inch Service:

DFW 16"x14"x12" Gray Flared Meter
Box Body Polymer H20 Rated Dual Box
DFW39F4-12-BODY City of Sandy,
Sunrise Spec.

DFW 16"x14" Gray Solid Meter Box
Cover w/ Magnet w/ SS Pickhole Pin
DFW39F-4MPP- <>Lid Drilled Pick Hole
Pick Hole Drilled Through No Hook,
Polymer H20 Rated for Dual Box
Sunrise Water Spec.

(c) 1-1/2" inch and 2 Inch Service:

DFW 17"x30" Gray Solid Meter Box
Cover w/ Magnet w/SS Pick Hole
Pin Pickhole DFW1730C-4MPP-<>Lid
Drilled Through Polymer H20 Rated
Less Hook

STANDARD DRAWINGS