



CITY OF ALBANY, OREGON
PUBLIC WORKS – ENGINEERING

CONTRACT DOCUMENTS

FOR

ST-21-01

24TH AVENUE REHABILITATION

Issue Date: January 11, 2021

Due Date: Tuesday, January 26, 2021



AIC Public Works Engineering Director Staci Belcastro, P.E.
Project Engineer Chris Cerklewski, P.E.

**For more information on this project,
contact Chris Cerklewski, 541-917-7646.**

CITY OF ALBANY

ST-21-01, 24th Avenue Rehabilitation

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 CONSTRUCTION DRAWINGS (sized 11” × 17” - *attached as separate file*)

BIDDER'S SUBMITTAL CHECKLIST

Any bid submitted after the designated closing time or to any other location will be determined nonresponsive and will not be opened. It is the responsibility of the Bidder to deliver the bid by the indicated deadline to the designated location, as indicated in the Invitation to Bid. The City is not responsible for late or mishandled delivery.

If contractor obtains these documents by means of a website or copied from a Plan Center, it is the responsibility of the contractor to check for any addendums to this contract prior to bid opening. **To be notified of addendums, contractor may call 541-917-7676 and request to be added to the Plan Holder's list.**

Failure to include any signed addendums could result in the disqualification of your bid.

All bids must be submitted on City-provided forms that do not contain unauthorized alterations. Bids should be received in non-editable PDF format. The total size limit for each email submittal response should be less than 20 MB. An automated response will be generated back to the sender stating, "Proposal has been received by the City." If you do not receive a notification, you may contact Diane Murzynski at diane.murzynski@cityofalbany.net or 541-917-7522.

A scanned copy of a bid bond is acceptable for the purposes of the bid opening. Original bid bonds must be received by the city, within seven days after bid opening, addressed to City of Albany, PW Contracting Coordinator, PO Box 490, Albany, OR 97321.

All bids must include the following submittals or may be considered nonresponsive:

- Signed Proposal (*two pages*) - *with all applicable blanks completed*
- Completed Schedule of Contract Prices - *signed by an authorized representative of the company who can "execute bids"*
- Bid Bond – *using City-provided Bid Bond form with no alterations*
- Employee Drug Testing Certification form
- Signed Addenda (*if Addenda have been issued*)

Submitted **within two hours** after bid closing time (required under ORS 279C.370):

- First-Tier Subcontractor Disclosure form – signed and if "none" indicate as such

Other than what is listed above, it is not necessary to submit any additional pages with the bid.



NOTICE TO CONTRACTORS
CITY OF ALBANY
INVITATION TO BID

Category of Bid: Construction
Engineer's Estimate: \$2,650,000
Bids due at 2:30 p.m., Tuesday, January 26, 2021

The City of Albany hereby extends an invitation to submit bids for:

ST-21-01, 24th Avenue Rehabilitation: This project includes approximately 4,200 linear feet of asphalt pavement rehabilitation on 24th Avenue between Jackson Street and Geary Street and Oak Street from 24th Avenue to Pine Meadow Drive, including storm drainage replacements, new curb ramps and infill sidewalk, approximately 4,300 linear feet of 8-inch ductile iron water line, and related appurtenances.

Bids must be submitted to procurement@cityofalbany.net not later than 2:30 p.m., Tuesday, January 26, 2021. Bids will be considered time-stamped and received by the City when received in the procurement email inbox. The email subject line must include the project number and name as follows: **ST-21-01, 24th Avenue Rehabilitation**. The body of the email must plainly identify (1) the project name, (2) the bid opening time and date, (3) the bidder's name, and (4) the contractor's license number (per ORS 701). Immediately following the filing deadline, the bids will be opened and publicly read using a virtual hosted meeting, <https://global.gotomeeting.com/join/623409989>. Interested parties can also dial in using their telephones (1-571-317-3122, access code 623-409-989). Bid totals will be posted on the City's website at <http://www.cityofalbany.net/finance/purchasing/bids>.

Contract bid documents may be downloaded from the City of Albany website at <http://www.cityofalbany.net/finance/purchasing/bids> or a printed set may be purchased for \$35. It is imperative those who download the contract bid documents check the website regularly for addenda, clarifications, and other pertinent notifications. All who are known by the City of Albany to have received a complete set of the contract bid documents will receive notification when additional items are posted. Please call 541-917-7676 to be added to the Plan Holder's list.

Each bidder must have access to a current set of City of Albany *Standard Construction Specifications*, which can be found on the City's website at <http://www.cityofalbany.net/standard-construction-specifications>, or a printed set may be purchased for \$100. All public improvements are required to conform to these specifications and bid prices must reflect these specifications. For project information, call Chris Cerklewski at 541-917-7646.

All City contracts contain a statement declaring that the bidder agrees to comply with the provisions of ORS 279C.800 through 279C.870 regarding payment of prevailing wages. The City's contract contains a clause which incorporates by reference all of the provisions of ORS Chapter 279C which are applicable to public contracts. Bidders are expected to be familiar with these provisions including, but not limited to, recent changes to ORS Chapter 279C.

No bid will be received or considered unless the bidder is licensed by the Construction Contractors Board for construction projects or licensed with the State Landscape Contractors Board for landscaping projects.

A 10% bid bond, certified check, or cashier's check must accompany each bid on all projects and must be forfeited if the bidder fails to enter into a Contract with the City of Albany within 10 days after the date of the Notice of Award. A scanned copy must be submitted with the bid.

DATED this 11th day of January 2021.

Diane M. Murzynski, CPPO, CPPB
Purchasing Coordinator

PUBLISH: Daily Journal of Commerce on Monday, January 11, 2021
Albany Democrat-Herald on Monday, January 11, 2021

PROPOSAL

To the Honorable Mayor and City Council
Albany, Oregon 97321

BIDDER'S DECLARATION AND UNDERSTANDING

The undersigned Bidder declares that the Contract Documents for the construction of the proposed improvement have been carefully examined; that the site has been personally inspected; that the Bidder is satisfied as to the quantities of materials, items of equipment and conditions or work involved including the fact that the description of the quantities of work and materials as included herein is brief and is intended only to indicate the general nature of such items and to identify the said quantities with the detailed requirements of the Contract Documents; and that the Bidder's proposal is made according to the provisions and under the terms of the Contract Documents, which documents are hereby made a part of this proposal.

The Bidder further declares that the only persons or parties interested in this proposal are those named herein; that this proposal is in all respects fair and without fraud; that it is made without collusion with any official of the City of Albany, and that the proposal is made without any connection or collusion with any person making another proposal on this Contract.

The Bidder further declares by the signing of this proposal that all the provisions required by ORS 279C.800 through 279C.870 relating to the payment of prevailing wage rates for work performed under the Contract with the City of Albany must be complied with.

The Bidder further agrees that its own judgment has been exercised regarding the interpretation of subsurface information and all data which it believes pertinent from the Engineer, Owner, and other sources in arriving at these conclusions have been utilized.

The bidder further certifies that they have authority and knowledge regarding the payment of taxes and that to the best of their knowledge are not in violation of any Oregon Tax Laws. For purposes of this certification, "Oregon Tax Laws" are those tax laws imposed by ORS 320.005 to 320.150 and ORS 403.200 to 403.250 and ORS Chapters 118, 314, 316, 317, 318, 321, and 323; the elderly rental assistance program under ORS 310.630 to 310.706; and any local tax laws administered by the Oregon Department of Revenue under ORS 305.620.

CONTRACT EXECUTION, BONDS, AND INSURANCE

The Bidder agrees that if this proposal is accepted:

- A Contract with the City of Albany, Oregon, will be executed, within 10 days after the date of the Notice of Award, in the form of Contract annexed hereto, and will at that time, deliver to the City of Albany the 100 percent Performance Bond and 100 percent Payment Bond, and will, to the extent of this proposal, furnish all machinery, tools, apparatus, and other means of construction and do the work and furnish all the materials necessary to complete all work as specified or shown in the Contract Documents.
- A Request for Taxpayer Identification Number and Certification (W-9) will be completed as a condition of the City's obligation to make payment. In the event the Bidder shall fail to complete and return the W-9 to the City, payment to Bidder may be delayed, or the City may, in its discretion, terminate the Contract.
- Automatic Clearing House (ACH) Direct Payment Authorization. The City prefers to pay Contractor invoices via electronic funds transfers through the ACH network. To initiate this more timely, efficient, and secure payment method, Contractors must complete the City's ACH Vendor Direct Payment Authorization Form. This form is available on the City website at https://www.cityofalbany.net/images/stories/finance/eft_form.pdf. Information provided on the form is exempt from public records disclosure under ORS 192.501(27).
- **For contracts that exceed \$500,000, the Contractor must elect retainage to be held in an interest-bearing escrow account, or an alternate method in lieu of cash retainage as a condition of payment and as required by ORS 279C.570(2).** Contractor must complete an Escrow Account Agreement if funds are to be held in an interest-bearing account, otherwise Contractor must provide a deposit of bonds, securities or other instruments, or Contractor must provide a surety bond in an amount equal to five percent of the total bid. City may recover from Contractor additional costs incurred in the handling of retainage alternatives, whether a deposit of bonds, securities, or other instruments, surety bond, or for an interest-bearing account, ORS 279C.560(3).

CERTIFICATES OF INSURANCE

The Bidder agrees to furnish the Owner, before commencing the work under this Contract, the certificates of insurance as specified in the *Standard Construction Specifications*.

START OF CONSTRUCTION AND CONTRACT COMPLETION DATE

If awarded this contract, the Bidder agrees to begin work within 10 calendar days after the date of the Notice to Proceed for the Contract and to complete the construction, in all respects, as set forth in the Special Provisions of these Contract Documents.

LIQUIDATED DAMAGES

In the event the Bidder is awarded the Contract and fails to complete the work within the time stated above or extended time agreed upon, as more particularly set forth in the Contract Documents, liquidated damages must be paid to the City of Albany, Oregon, as provided under General Requirements, Subsection 108.06.00 of the City of Albany *Standard Construction Specifications*.

BID BOND

Accompanying this proposal is a certified check, cashier's check or Bidder's bond in the sum of (10% of Bid Total) _____ Dollars (\$_____), according to the General Requirements of the Contract Documents which is to be forfeited as liquidated damages, if, in the event that this proposal is accepted, and the Bidder fails to execute the Contract and furnish satisfactory Performance and Payment Bond under the conditions and within the time specified in the Contract Documents; otherwise said check or bond is to be returned to the Bidder.

SURETY

If the Bidder is awarded a construction Contract on this proposal, the Surety who provides the Performance Bond will be _____ whose address is (street and city) _____ and Payment Bond will be _____ whose address is (street and city) _____.

LUMP SUM OR UNIT PRICE WORK

The Bidder further proposes to accept as full payment for the work proposed herein the amounts computed under the provisions of the Contract Documents and based on the following lump sum or unit price amounts, it being expressly understood that the unit prices are independent of the exact quantities involved. The Bidder agrees that the lump sum prices and the unit prices represent a true measure of the labor and materials required to perform the work, including all allowances for overhead and profit for each type and unit of work called for in these Contract Documents.

BIDDER

The name of the Bidder submitting this proposal is _____ doing business at (street and city) _____, which is the address to which all communications concerned with this proposal and with the Contract must be sent.

In accordance with ORS 279A.120, Bidder hereby declares that it (circle correct designation) is / is not a resident Bidder. The names of the principal officers of the corporation submitting this proposal, or of the partnership, or of all persons interested in this proposal as principals are as follows:

If Sole Proprietor or Partnership: IN WITNESS hereto the undersigned has set his/her hand this _____ day of _____ 2020.

Signature of Bidder Title

If Corporation: IN WITNESS WHEREOF the undersigned corporation has duly authorized the execution of this agreement on behalf of the corporation by the officer named below this _____ day of _____ 2020.

name of corporation
By: _____
Name: _____
(please print name)
Title: _____

SCHEDULE OF CONTRACT PRICES

ITEM NO.	BID ITEMS	APPROX. QUANTITY	UNIT OF MEASURE	UNIT PRICE DOLLARS/CTS	TOTAL AMT. DOLLARS/CTS
A-1	Mobilization	1	Lump Sum		
A-2	Temporary Traffic Control	1	Lump Sum		
A-3	Erosion Prevention and Sediment Control	1	Lump Sum		
A-4	Unclassified Excavation	3,000	Cubic Yard		
A-5	Overexcavation and Foundation Stabilization	3,500	Cubic Yard		
A-6	2-Inch Cold Plane Pavement Removal	1	Lump Sum		
A-7	Fine Grade Existing Aggregate Base	15,200	Square Yard		
A-8	Emulsified Asphalt Tack Coat	30,000	Square Yard		
A-9	3/8-Inch Warm-mix Asphalt Concrete	1,450	Ton		
A-10	1/2-Inch Warm-mix Asphalt Concrete	4,250	Ton		
A-11	Side Street Paving	13	Square Yard		
A-12	Remove and Replace Concrete Curb and Gutter	6,000	Linear Foot		
A-13	Remove and Replace Concrete Curb	1,500	Linear Foot		
A-14	Remove and Replace 4-Inch PCC Sidewalk	1,800	Square Yard		
A-15	Remove and Replace 6-Inch PCC Driveway Approach	275	Square Yard		
A-16	Remove and Replace 4-Inch PCC Driveway Approach	75	Square Yard		
A-17	Truncated Domes	360	Square Foot		
A-18	Remove Existing Storm Drain	350	Linear Foot		
A-19	Remove Existing Catch Basin	22	Each		
A-20	Remove Existing Manhole	1	Each		
A-21	8-Inch PVC Storm Drain	15	Linear Foot		
A-22	10-Inch PVC Storm Drain	525	Linear Foot		

Replaced by Addendum #1

ITEM NO.	BID ITEMS	APPROX. QUANTITY	UNIT OF MEASURE	UNIT PRICE DOLLARS/CTS	TOTAL AMT. DOLLARS/CTS
A-23	12-Inch PVC Storm Drain	35	Linear Foot		
A-24	10-Inch DI Storm Drain	235	Linear Foot		
A-25	12-Inch DI Storm Drain	45	Linear Foot		
A-26	4-Inch Perforated PVC Storm Drain	50	Linear Foot		
A-27	6-Inch PVC Storm Drain Service	1	Each		
A-28	Curb Drain	100	Linear Foot		
A-29	Private Catch Basin	1	Lump Sum		
A-30	Remove and Replace Cleanout Frame and Cover	1	Each		
A-31	Adjust Manhole Rim to Grade		Each		
A-32	Adjust Water Fixtures to Grade	1	Lump Sum		
A-33	24-Inch Mini-Manhole	2	Each		
A-34	Shallow Precast Manhole		Each		
A-35	Standard Precast Manhole		Each		
A-36	Connect to Existing Manhole	12	Each		
A-37	Remove and Replace Curb Inlet	1	Each		
A-38	Standard Curb Inlet	22	Each		
A-39	Catch Basin	11	Each		
A-40	12-Inch White Non-Profiled Thermoplastic Stripe	1,250	Linear Foot		
A-41	Thermoplastic Shared Lane Marking	25	Each		
A-42	Thermoplastic School Legend	2	Each		
A-43	Painted Yellow Curb	600	Linear Foot		
A-44	Remove Painted Yellow Curb	50	Linear Foot		
A-45	Install New Street Signs	1	Lump Sum		

ITEM NO.	BID ITEMS	APPROX. QUANTITY	UNIT OF MEASURE	UNIT PRICE DOLLARS/CTS	TOTAL AMT. DOLLARS/CTS
A-46	Relocate Existing Street Sign	17	Each		
A-47	Relocate Existing Mailbox	1	Each		
A-48	Relocate Existing Cluster Mailbox Unit	5	Each		
A-49	Construct Retaining Wall	1	Lump Sum		
A-50	PVC Street Lighting Conduit	775	Linear Foot		
A-51	Install Power Junction Box	13	Each		
A-52	General Landscape Restoration	1	Lump Sum		
A-53	Reconnect 6-Inch Sewer Service and Abandon 8-Inch Sewer Main	1	Lump Sum		
A-54	Early Completion Bonus		Day	\$2,000	\$60,000
Sum of Extended Bids – Schedule A					

B-1	Mobilization	1	Lump Sum		
B-2	Temporary Traffic Control	1	Lump Sum		
B-3	Erosion Prevention and Sediment Control	1	Lump Sum		
B-4	8-Inch Ductile Iron Water Line	4,325	Linear Foot		
B-5	4-Inch Ductile Iron Water Line	30	Linear Foot		
B-6	8-Inch Gate Valve	26	Each		
B-7	6-Inch Gate Valve	17	Each		
B-8	4-Inch Gate Valve	3	Each		
B-9	1-Inch Combination Air/Vacuum Release Valve	4	Each		
B-10	Standard 2-Inch Service Assembly	4	Each		
B-11	Standard 1-Inch Service Assembly	41	Each		

ITEM NO.	BID ITEMS	APPROX. QUANTITY	UNIT OF MEASURE	UNIT PRICE DOLLARS/CTS	TOTAL AMT. DOLLARS/CTS
B-12	Standard Fire Hydrant Assembly	9	Each		
B-13	Standard Fire Hydrant Assembly with Remote Sensing Hydrant	1	Each		
B-14	Remove Existing Fire Hydrant Assembly	6	Each		
B-15	Coordinate 12-Inch × 8-Inch Live Tap	1	Lump Sum		
B-16	Coordinate 10-Inch × 8-Inch Live Tap	1	Lump Sum		
B-17	Coordinate 6-Inch × 6-Inch Live Tap	2	Each		
B-18	Construct Concrete Thrust Block	4	Each		
B-19	Install Temporary End Cap	3	Each		
B-20	12-Inch × 8-Inch Connection Assembly		Each		
B-21	8-Inch × 8-Inch Connection Assembly	5	Each		
B-22	8-Inch × 6-Inch Connection Assembly	6	Each		
B-23	8-Inch × 4-Inch Connection Assembly	1	Each		
B-24	6-Inch × 6-Inch Connection Assembly		Each		
B-25	4-Inch × 4-Inch Connection Assembly	1	Each		
B-26	School Connection Assembly	1	Lump Sum		
B-27	Install 32# Sacrificial Anodes	38	Each		
B-28	10-Inch Asphalt Trench Patch	75	Square Yard		
B-29	4-Inch Asphalt Trench Patch	30	Square Yard		
B-30	Remove and Replace 4-Inch PCC Sidewalk	400	Square Yard		
B-31	Remove and Replace Curb and Gutter	375	Linear Foot		
B-32	Abandon 12-Inch × 12-Inch Connection	1	Lump Sum		
B-33	Abandon 10-Inch × 10-Inch Connection	1	Lump Sum		
B-34	Abandon 1-Inch Water Service	2	Each		

ITEM NO.	BID ITEMS	APPROX. QUANTITY	UNIT OF MEASURE	UNIT PRICE DOLLARS/CTS	TOTAL AMT. DOLLARS/CTS
B-35	Abandon Existing Water Lines	1	Lump Sum		
B-36	Remove and Dispose of Asbestos Cement Pipe	175	Linear Foot		
B-37	Remove Abandoned Valve Box	23	Each		
Sum of Extended Totals – Schedule B					
SUM OF SCHEDULES A AND B					

NOTE: Subject to change if addition or extensions are in error.

Bidder's Signature _____ Company Name (please print) _____ Date _____
 Bidder's Name (please print) _____ Main Address (please print) _____ CCB License Number _____
 Bidder's Title (please print) _____ City, State Zip _____ Federal Tax ID Number _____
 Telephone No.: _____ Fax No.: _____ Email: _____

Replaced by
 Addendum #1

BID BOND

BOND NO. _____

AMOUNT OF BID: \$ _____

KNOW ALL MEN BY THESE PRESENTS, that _____ hereinafter called the PRINCIPAL, and _____ a corporation duly organized under the laws of the State of _____ having its principal place of business at _____, in the State of _____, and authorized to do business in the State of Oregon, as SURETY, are held firmly bound unto the City of Albany, Oregon, hereinafter called the OBLIGEE, in the sum of _____ DOLLARS (\$ _____), for the payment of which we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS BOND IS SUCH THAT:

WHEREAS, the PRINCIPAL is herewith submitting his/her/its Bid Proposal for **ST-21-01, 24TH AVENUE REHABILITATION**, said Bid Proposal, by reference thereto, being hereby made a part hereof.

NOW, THEREFORE, if the Bid Proposal submitted by the PRINCIPAL is accepted, and the Contract awarded to the PRINCIPAL, and if the PRINCIPAL executes the proposed Contract and furnishes such Performance Bond and Payment Bond as required by the Contract Documents within the time fixed by the documents, then this obligation shall be void; if the PRINCIPAL shall fail to execute the proposed Contract and furnish the bond, the SURETY hereby agrees to pay to the OBLIGEE the said sum as liquidated damages, within ten (10) days of such failure.

Signed and sealed this _____ day of _____ 2021.

PRINCIPAL

SURETY

By: _____

By: _____

Attorney in Fact

EMPLOYEE DRUG TESTING PROGRAM CERTIFICATION

ORS 279C.505 (2) requires that bidders shall demonstrate and disclose to the City of Albany that he/she has an employee drug testing program in place before a public contract can be awarded.

Therefore, by signing this Certification, the Bidder does hereby certify and confirm that, as the proposed general contractor for City of Albany Project **ST-21-01, 24th Avenue Rehabilitation** that he/she has an employee drug testing program in place that is consistent with, and satisfies the intent of, the above-referenced legislation.

CONTRACTOR: _____

BY: _____

TITLE: _____

DATE: _____

FIRST-TIER SUBCONTRACTOR DISCLOSURE

PROJECT NAME: 24th Avenue Rehabilitation

BID NUMBER: ST-21-01

BID CLOSING DATE: Tuesday, January 26, 2021

TIME: 2:30 p.m.

This form must be submitted at the location 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 will be furnishing labor and materials and that 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.*)

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

Subcontractor's Name	Category of Work	Dollar Value
1.		\$
2.		\$
3.		\$
4.		\$
5.		\$
6.		\$
7.		\$
8.		\$
9.		\$

Form submitted by (bidder name): _____ Phone No.: _____
(Signature)

Contact Name: _____ Company: _____

ORS 279C.370 First-tier subcontractor disclosure. (1)(a) Within two working hours after the date and time of the deadline when bids are due to a contracting agency for a public improvement contract, a bidder shall submit to the contracting agency a disclosure of the first-tier subcontractors that:

- (A) Will be furnishing labor or will be furnishing labor and materials in connection with the public improvement contract; and
- (B) Will have a contract value that is equal to or greater than five percent of the total project bid or \$15,000, whichever is greater, or \$350,000 regardless of the percentage of the total project bid.

(b) For each contract to which this subsection applies, the contracting agency shall designate a deadline for submission of bids that has a date on a Tuesday, Wednesday or Thursday and a time between 2 p.m. and 5 p.m., except that this paragraph does not apply to public contracts for maintenance or construction of highways, bridges or other transportation facilities.

(c) This subsection applies only to public improvement contracts with a value, estimated by the contracting agency, of more than \$100,000.

(d) This subsection does not apply to public improvement contracts that have been exempted from competitive bidding requirements under ORS 279C.335 (2).

(2) The disclosure of first-tier subcontractors under subsection (1) of this section must include the name of each subcontractor, the category of work that each subcontractor will perform and the dollar value of each subcontract. The information shall be disclosed in substantially the following [above] form:

(3) A contracting agency shall accept the subcontractor disclosure. The contracting agency shall consider the bid of any contractor that does not submit a subcontractor disclosure to the contracting agency to be a nonresponsive bid and may not award the contract to the contractor. A contracting agency is not required to determine the accuracy or the completeness of the subcontractor disclosure.

(4) After the bids are opened, the subcontractor disclosures must be made available for public inspection.

(5) A contractor may substitute a first-tier subcontractor under the provisions of ORS 279C.585.

(6) A subcontractor may file a complaint under ORS 279C.590 based on the disclosure requirements of subsection (1) of this section.

State of Oregon WH-179 (08-10-10)

SAMPLE CONTRACT

THIS CONTRACT is made between the CITY OF ALBANY, a municipal corporation, hereinafter called "City" and _____, hereinafter called "Contractor."

WITNESSETH:

The Contractor, in consideration of the sums to be paid and other covenants herein contained, agrees to perform and complete the work herein described and to furnish all necessary machinery, tools, apparatus, equipment, supplies, materials, and labor and perform all work in accordance with the applicable *Standard Construction Specifications*, the Special Specifications (aka Specifications, Special Provisions) found herewith, and in accordance with such alterations or modifications of the same as may be made by the City, and according to such directions as may from time to time be made or given by the Engineer under the authority and within the meaning and purpose of this Contract. This agreement shall be binding upon the heirs, executors, administrators, successors, and assigns of the Contractor.

The applicable Drawings, the applicable *Standard Construction Specifications*, all sections of Special Provisions, and the Schedule of Contract Prices bound herewith are hereby specifically referred to and by reference made a part hereof and shall by such reference have the same force and effect as though all of the same were fully inserted herein.

The Contractor must faithfully complete and perform all of the obligations of this Contract, and in particular, must promptly, as due, make payment of all just debts and obligations incurred in the performance of said Contract and must not permit any lien or claim to be filed or prosecuted against the City.

The Contractor must furnish to the City a 100% Performance Bond and a 100% Payment Bond. In addition to the required Payment Bond and Performance Bond, unless exempt under ORS 279C.836 (7), (8), or (9), the contractor is required to file a \$30,000 Public Works Bond with the Construction Contractor's Board to be used exclusively for unpaid wages determined to be due by BOLI. The general contractor is required to verify that subcontractors have filed a public works bond before permitting a subcontractor to start work on a project unless exempt under ORS 279C.836 (7), (8) or (9).

The Contractor, its subcontractors, if any, and all employers working under this Contract are subject employers under the Oregon Workers' Compensation Law and must comply with ORS 656.017, which requires them to provide workers' compensation coverage for all their subject workers.

The Contractor agrees to protect, indemnify, and hold harmless the City against any and all loss, claims, or suits (including costs and attorney's fees) for or on account of injury to or death of persons, damage to, or destruction of property belonging to either the City or others occurring by reason of the act or neglect of the Contractor, Contractor's employees, or agents (including subcontractors) in connection with the performance of this Contract.

It is expressly understood that this Contract must be governed by the laws of the State of Oregon. The statutes of the State of Oregon for public works contracts, specifically but not exclusively ORS Chapter 279 A-C as amended or superseded, including the latest additions and revisions, are incorporated by reference as part of the contract documents, and the party contracting with the City of Albany hereby covenants and agrees to comply with all of the obligations and conditions applicable to public contracts pursuant to ORS 279 A-C, et seq, as though each obligation or condition were set forth fully herein. In addition, if the contract identified above calls for a public improvement as that term is defined by ORS 279A.010, the party contracting with the City of Albany further agrees to comply with all obligations and conditions applicable to public contracts for public improvements pursuant to ORS 279C, et seq, as though each obligation or condition were set forth fully herein. Contractor and its subcontractors, if any, agree to comply with the Oregon Consumer Information Protection Act, ORS Sections 646A.600 through 646A.628.

The Contractor further declares by the signing of this Contract that all the provisions required by ORS 279C.800 through 279C.870 relating to the payment of prevailing wage rates for work performed under the Contract with the City of Albany must be complied with, and that daily/weekly/holiday/weekend overtime will be paid, unless the amount of the contract is \$50,000 or less, in which case the prevailing wage rate requirement shall not apply. If Contractor fails, neglects, or refuses to make prompt payment for labor or services, the City can pay and withhold these amounts from payments due the contractor (ORS 279C.515). Contractor must indemnify the City from claims of damages resulting from actual or alleged violations of these obligations.

The Contractor understands that if the price of this Contract exceeds \$500,000, the City will deposit amounts withheld as retainage into an interest-bearing escrow account for the benefit of the City as outlined in ORS

279C.570(2), unless the Contractor elects an alternative in lieu of cash retainage, such as bonds, securities or other instruments, or a deposit of a surety bond. The Contractor must receive interest on the retained moneys from the date the Contractor's related payment request is fully approved by the City until the date the retained moneys are paid by the City to the Contractor. Payment of retainage is deemed to be "paid" when the payment is transmitted to the Contractor.

In consideration of the faithful performance of all of the obligations herein set out, and in consideration of the faithful performance of this Contract, the City agrees to pay to the Contractor the amount earned, as determined from the actual quantities of work performed and prices and other basis of payment specified, taking into consideration any amounts that may be deductible, under the terms of the Contract.

The Contractor agrees to complete the work within the time specified herein and to accept as full payment hereunder the amounts computed as determined by the Contract Documents and based on the said proposal.

Said improvements must be completed by the date specified in said Contract Documents and if not so completed, unless said time for completion is extended, as provided in the Contract Documents, or if extended, if the same is not completed within the time extended, the City will be caused to incur liquidated damages as specified in the Contract Documents. Liquidated damages must be retained out of any monies due or to become due under this agreement.

Payments must be made as provided in the Contract Documents. Notwithstanding anything in this agreement to the contrary, the City's obligation to pay money beyond the current fiscal year shall be subject to and dependent upon appropriations being made from time to time by the City Council for such purpose; provided, however, that the city manager or other officer charged with the responsibility for preparing the City's biennial budget must include in the budget for each fiscal year the amount of the City financial obligation payable in such year and the city manager or such other officer must use his/her best efforts to obtain the annual appropriations required to authorize said payments.

The Parties acknowledge that the parties and their counsel have reviewed this Agreement and that the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting Party shall not be employed in the interpretation of this Agreement or any exhibits or amendments hereto.

Should suit or action be undertaken to enforce any of the terms of this agreement or to seek damages for its breach, the prevailing party shall be entitled to an award of its reasonable attorney fees, costs, and expenses, including expert witness fees, incurred therein, and such costs and fees as may be required on appeal, including those incurred on appeal. Jurisdiction for litigation must be vested exclusively in the courts of Oregon, Oregon law must apply, and venue must lie in the Circuit Courts in and for Linn County, Oregon.

The date this Agreement is signed by the last party to sign it (as indicated by the date associated with that party's signature) will be deemed the date of this Agreement. If a party signs but fails to date a signature the date that the other party receives the signing party's signature will be deemed to be the date that the signing party signed this Agreement and the other party may inscribe that date as the date associated with the signing party's signature.

IN WITNESS WHEREOF, the undersigned duly authorized officials have caused this contract to be executed on behalf of their respective parties.

CONTRACTOR:

DATE: _____

By: _____

Title: _____

By: _____

Title: _____

(Note: Signatures of two officers are required for a corporation.)

CITY OF ALBANY, OREGON:

DATE: _____

By: _____

Chris Bailey, Public Works Director

Construction Contractor's Board License Number

Tax Identification No.: _____

Telephone Number: (____) _____

PERFORMANCE BOND

BOND NUMBER: _____

TOTAL BID AMOUNT: \$ _____

KNOW ALL MEN BY THESE PRESENTS that we, _____, as CONTRACTOR (Principal), and _____, a corporation, duly authorized to do a general surety business in the State of Oregon as SURETY, are jointly and severally held and bound unto the City of Albany, Oregon, (Obligee) in the sum of (100% of Contract) _____ Dollars (\$ _____) for the payment of which we jointly and severally bind ourselves, our heirs, executors, administrators, and assigns or successors and assigns firmly by these presents.

THE CONDITION OF THIS BOND IS SUCH that, whereas the principal has made and entered into a certain contract, a copy of which is attached hereto, with the City of Albany, Oregon, which contract, together with the applicable plans, Standard Specifications, Special Provisions, and schedule of contract prices, is by this reference made a part, whereby the principal agrees to perform in accordance with the certain terms, conditions, requirements, plans, and specifications which are set out in the contract and all authorized modifications of the contract which increase the amount of the work and the amount of the contract. Notice to the surety of any of the immediately foregoing are waived.

NOW, THEREFORE, if CONTRACTOR must faithfully and truly observe and comply with the terms, conditions, and provisions of the Contract, in all respects upon the terms set forth therein, and within the time prescribed therein and must indemnify and save harmless the City of Albany, Oregon, its officers, employees, and agents against losses and expenses and any damages 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 said Contract and must honor all claims for defective work within the warranty period(s) established by the *Standard Construction Specifications* and Special Provisions, after the acceptance of said Contract, then this obligation is to be void, otherwise to remain in full force and effect for the duration of the warranty period(s). The establishment and warranty periods for plantings must be two years as outlined in Section 107.15.02 of the *Standard Construction Specifications*. The warranty for all other work must be for a one-year period as outlined in Section 107.15.00.

PROVIDED, HOWEVER, that this bond is subject to the following further conditions:

a) Losses and expenses include but are not limited to attorney's fees to defend all claims, proceedings, lawsuits, and judgments arising out of or resulting from the fault of the principal, the principal's agents, representatives, or subcontractors, in the performance of or failure to perform this contract. However, principal must not be required to indemnify any indemnitee to the extent the damage, loss, or expense is caused by the indemnitee's negligence and must in all respects perform said contract according to law.

b) All material suppliers and all persons who must supply such laborers, mechanics, or subcontractors with material, supplies, or provisions for carrying on such work, must have a direct right of action against CONTRACTOR and SURETY on this bond, second only the right of the City of Albany, Oregon, under this bond, which right of action must be asserted in proceedings instituted in the name of the City of Albany, Oregon, to the use and benefit of the person, firm, or corporation instituting such action and all other persons, firms, or corporations having claims hereunder, must have the right to be made a party to such proceeding and to have such claim adjudicated in such action and judgment rendered thereon.

c) In no event shall SURETY be liable for a greater sum than the penalty of this Bond, or subject to any suit, action, or proceeding thereon that is instituted past the expiration of the warranty period(s) after the complete performance and acceptance of said Contract and final settlement thereof.

d) The said SURETY, for the value received, hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the Contract or to the work to be performed thereunder or the Specifications accompanying the same shall in any way affect its obligations of this bond; and it does hereby waive notice of any such

change, extension of time, alteration, or addition to the terms of the Contract, or to the work, or to the Contract Documents.

IN WITNESS THEREOF, the parties hereto have caused this bond to be executed this _____ day of _____ 2021.

Principal

By: _____
Signature

Print or type

Street/City Address

Surety

By: _____
Signature

Print or type

Street/City Address

Telephone Number

Surety Witness:

By: _____

Street/City Address

PAYMENT BOND

BOND NUMBER: _____

TOTAL BID AMOUNT: \$ _____

KNOW ALL MEN BY THESE PRESENTS that we, _____, as CONTRACTOR (Principal), and _____, a corporation, duly authorized to do a general surety business in the State of Oregon as SURETY, are jointly and severally held and bound unto the City of Albany, Oregon, (Obligee) in the sum of (100% of Contract) _____ Dollars (\$ _____) for the payment of which we jointly and severally bind ourselves, our heirs, executors, administrators, and assigns or successors and assigns firmly by these presents.

THE CONDITION OF THIS BOND IS SUCH that, whereas the principal has made and entered into a certain contract, a copy of which is attached hereto, with the City of Albany, Oregon, which contract, together with the applicable plans, Standard Specifications, Special Provisions, and schedule of contract prices, is by this reference made a part, whereby the principal agrees to perform in accordance with the certain terms, conditions, requirements, plans, and specifications which are set out in the contract and all authorized modifications of the contract which increase the amount of the work and the amount of the contract. Notice to the surety of any of the immediately foregoing are waived.

NOW, THEREFORE, if CONTRACTOR must make payment promptly, as due to all subcontractors and to all persons supplying to the Contractor or its subcontractors, equipment, supplies, labor, or materials for the prosecution of the work, or any part thereof, provided for in said contract; and must, in performing the contract, pay and cause to be paid not less than the State of Oregon Bureau of Labor and Industries (BOLI) prevailing wage rates in effect as of the date of the bid advertisement by City of Albany, Oregon, unless the amount of the contract is \$50,000 or less, in which case the prevailing wage rate requirement shall not apply; and pay per hour, day, and week for and to each and every worker who may be employed in and about the performance of the contract; and pay all contributions or amounts due to the State Accident Insurance Fund and the State Unemployment Trust Fund from such Contractor or subcontractors; and pay all sums of money withheld from the Contractor's employees and payable to the State Department of Revenue; and must pay all other just debts, dues, and demands incurred in the performance of the said contract; and must pay the City of Albany, Oregon such damages as may accrue to the City of Albany, Oregon, under the contract, then this obligation is to be void, otherwise to remain in full force and effect, provided that surety will remain liable to satisfy the claim of any worker affected by the failure of the principal or any subcontractor under the contract to pay the minimum rate of wage in accordance with the contract in the amount of minimum wages and an additional amount equal thereto as liquidated damages.

a) All material suppliers and all persons who shall supply such laborers, mechanics, or subcontractors with material, supplies, or provisions for carrying on such work, shall have a direct right of action against CONTRACTOR and SURETY on this bond, second only the right of the City of Albany, Oregon, under this bond, which right of action must be asserted in proceedings instituted in the name of the City of Albany, Oregon, to the use and benefit of the person, firm, or corporation instituting such action and all other persons, firms, or corporations having claims hereunder, must have the right to be made a party to such proceeding and to have such claim adjudicated in such action and judgment rendered thereon.

b) The said SURETY, for the value received, hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the Contract or to the work to be performed thereunder or the Specifications accompanying the same shall in any way affect its obligations of this bond; and it does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of the Contract, or to the work, or to the Contract Documents.

IN WITNESS THEREOF, the parties hereto have caused this bond to be executed this _____ day of _____ 2021.

Principal

By: _____
Signature

Print or type

Street/City Address

Surety

By: _____
Signature

Print or type

Street/City Address

Telephone Number

Surety Witness:

By: _____

Street/City Address

RETAINAGE ELECTION

In accordance with ORS 279C.570(2) and OAR 137-049-0820, contracts that exceed \$500,000 require the City to deposit amounts withheld as retainage into an interest-bearing escrow account in a bank, savings bank, trust company, or savings association. Retainage in the amount of five percent (5%) of the contract price of the work completed will be held by the City until such time as the project has been completed and accepted by the City.

Oregon law allows specific alternatives for the holding and accounting of retainage at the Contractor’s election. If the City incurs additional costs as a result of the Contractor’s election, the City may recover such costs from the Contractor, ORS 279C.560(3). Failure to execute and submit this form prior to execution of the contract agreement will result in the automatic selection of the first option. **Contractor must select one of the following options in providing for retainage for this project.**

1. Interest-bearing escrow account.

The City will set up an interest-bearing account in a bank, savings bank, trust company, or savings association in the name of the City of Albany. The City will make deposits of retainage withheld from each progress payment into the interest-bearing escrow account. Funds in the escrow account will be released to the Contractor within 30 days of final acceptance of the project by the City.

Contractor must execute documentation and instructions to establish the interest-bearing escrow account prior to contract execution. Interest earned on the account shall accrue to the Contractor. Amounts retained and interest earned will be included in the final payment and may be offset by costs incurred. Contractor shall receive interest from the date the Contractor’s related payment request is fully approved by the City until the date the retained moneys are paid by the City to the Contractor. Retainage is deemed to be paid when the payment is transmitted to the Contractor.

2. Deposit of bonds, securities, and other instruments.

No later than the Contractor’s execution of the contract, the Contractor will deposit acceptable bonds or securities, in an amount equivalent to five percent retainage of the contract amount, with the City or with a bank or trust company in Oregon. The bank or trust company will provide a safekeeping receipt to the City. The securities must cover all of the retainage.

Name of Lending Institution: _____

Acceptable bonds and securities to be held in lieu of retainage:

- a. Bills, certificates, notes, bonds or other obligations of the United States, its agencies or its wholly-owned corporations.
- b. Indebtedness of the Federal National Mortgage Association.
- c. General obligation bonds of the State of Oregon or a political subdivision of the State of Oregon.
- d. Irrevocable letters of credit issued by an insured institution, defined in ORS 706.008.

3. Deposit of a retainage surety bond.

The Contractor may, with approval of the City, deposit a surety bond for the benefit of the City, in a form acceptable to the City, in lieu of the five percent retainage. The bond should be received from the same surety providing the performance and payment bonds for the project.

Name of Surety/Lending Institution: _____

Therefore, by signing this retainage election the Bidder does hereby certify and confirm that as the general contractor for this City of Albany project, they have elected the above retainage option which satisfies the intent of the above-referenced legislation.

CONTRACTOR: _____

Project # ST-21-01

TITLE/SIGNATURE: _____

Date: _____

SPECIAL PROVISIONS

SECTION I: GENERAL REQUIREMENTS AND TECHNICAL SPECIFICATIONS

I-1. DESCRIPTION OF WORK

This project includes approximately 4,200 linear feet of asphalt pavement rehabilitation on 24th Avenue between Jackson Street and Geary Street and Oak Street from 24th Avenue to Pine Meadow Drive, including storm drainage replacements, new curb ramps and infill sidewalk, approximately 4,300 linear feet of 8-inch ductile iron water line, and related appurtenances.

Construction must be in conformance with the current edition of the City of Albany *Standard Construction Specifications*, the Construction Drawings, and these Special Provisions.

I-2. STANDARD CONSTRUCTION SPECIFICATIONS

Each bidder must have access to a current set of City of Albany *Standard Construction Specifications*, which can be found on the City of Albany's website at <http://www.cityofalbany.net/standard-construction-specifications> or a printed set may be purchased for \$100. All public improvements are required to conform to these specifications and bid prices must reflect these specifications.

I-3. AWARD OF CONTRACT

The Contract, if awarded, will be awarded to the lowest responsive, responsible bidder based on the lowest grand total bid amount of Schedules A and B, as determined by the City of Albany, and on the City's sole and absolute judgment to best serve its interest.

The City reserves the right to postpone the acceptance of the proposal and the award of the contract to a responsible bidder for a period not to exceed sixty (60) calendar days, or to reject any and all proposals received and further advertise the project for bids. The City may reject any bids not in compliance with all prescribed public contracting procedures and requirements, including the requirement to demonstrate the bidder's responsibility under ORS 279C.375(3)(b), and may reject for good cause any or all bids upon a finding of the City it is in the public interest to do so.

List of Subcontractors. Contractor is required to submit a list of subcontractors in accordance with ORS 279C.370. The City will submit a copy of this disclosure of first-tier subcontractors to the Bureau of Labor and Industries (BOLI) along with the completed BOLI form WH-81.

Failure to submit the list of subcontractors form by the disclosure deadline will result in a nonresponsive bid. A nonresponsive bid will not be considered for award. If no subcontractors need to be disclosed, this form must still be submitted indicating such.

Electronic Signature. Any signature (including any electronic symbol or process attached to, or associated with, a contract or other record and adopted by a person with the intent to sign, authenticate, or accept such contract or record) hereto or to any other certificate, agreement, or document related to this transaction, and any contract formation or record-keeping through electronic means shall have the same legal validity and enforceability as a manually executed signature or use of a paper-based recordkeeping system to the fullest extent permitted by applicable law.

Communicable Diseases. Contractor understands the risk to have contact with individuals, who have been exposed to and/or have been diagnosed with one or more communicable diseases, including but not limited to COVID-19 or other medical conditions, diseases, or maladies that exist, and it is impossible to eliminate the risk that Contractor could be exposed to and/or become infected through contact with or close proximity with an individual with a communicable disease. CONTRACTOR KNOWINGLY AND FREELY ASSUMES ALL SUCH RISKS, both known and unknown, EVEN IF ARISING FROM THE NEGLIGENCE OF THE RELEASEES OR OTHERS, and assumes all full responsibility for Contractor's participation.

I-4. WORKING HOURS

Working hours shall be 7:00 a.m. to 6:00 p.m., Monday through Saturday. No work will be allowed to occur on Sundays. The Contractor will not be responsible for any City inspection costs related to work performed during

these working hours or any special working hours required in the Contract Documents and the Construction Drawings. Work outside of these days and times may be approved at the sole discretion of the Engineer. The Contractor must provide the Engineer a minimum of 72-hours advanced notice prior to any Saturday work to allow the City to arrange for project inspection.

I-5. CONTRACT COMPLETION TIME AND LIQUIDATED DAMAGES

At the Contractor's option, the City will issue the Notice to Proceed any time after both parties have executed the contract. The Contractor will be required to give the City seven days advance notice of intent to begin construction.

Regardless of the actual construction start date, all work specified in the contract documents must be completed, in every respect, by September 3, 2021, the ultimate completion date.

Liquidated damages will be assessed against the Contractor for each day over the maximum number of calendar days allotted plus each day beyond the stated ultimate completion date until the work is satisfactorily completed and accepted by the City. The schedule of liquidated damages is listed in the *Standard Construction Specifications*, Section 108.06.00.

I-6. EARLY COMPLETION BONUS AND LATE COMPLETION PENALTY

The streets impacted by this project provide critical transportation links in the South Albany area. Impacts to the traveling public, local residents, businesses, public schools, and emergency services are significant. Therefore, the City is providing incentives for completing the work early and penalties for completing the work late as described below. Due to the nature of the project, no time extensions will be allowed with respect to the early completion bonus and late completion penalty.

If work is completed prior to September 3, 2021, the Contractor will be awarded an early completion bonus of \$2,000 per each calendar day between the actual date that the road closure was removed and September 3, 2021. The total early completion bonus will not exceed \$60,000.

If the work extends past September 3, 2021, the Contractor will be assessed a late completion penalty, in addition to any liquidated damages, of \$2,000 per calendar day beyond September 3, 2021, until the work is completed.

I-7. PRECONSTRUCTION CONFERENCE

A preconstruction meeting will be required and will be held virtually. The meeting will be scheduled to take place a minimum of one week prior to beginning of construction. The Contractor must submit the following submittals at the preconstruction conference:

- Project Schedule
- Traffic Control Plan
- Erosion and Sediment Control Plan

I-8. PROJECT SCHEDULE See Addendum #1 for changes to this section.

A detailed construction schedule of all work relating to this project must be submitted in advance by email to the Engineer for discussion at the preconstruction conference. The schedule must show how the contractor plans to complete the project on or before the ultimate completion date. The Contractor must take appropriate measures to expedite work items that are behind schedule, including the use of outside forces to complete the work, without additional compensation.

I-9. TEMPORARY TRAFFIC CONTROL See Addendum #1 for changes to this section.

All temporary traffic control must be in accordance with the current edition of the *Manual on Uniform Traffic Control Devices* (MUTCD); the ODOT *Short-Term Traffic Control Handbook*; City of Albany *Standard Construction Specifications*, Section 202; and as stated herein. The Contractor must provide traffic control devices as may be required at locations where construction is of short-term duration (i.e., street intersections and access to private property), as well as traffic control devices that are expected to be in place for the duration of the project.

Temporary ramps must be installed and maintained at intersections and driveways for the duration of the project. At no time shall the flow of traffic be stopped completely without the approval of the Engineer. Approval for short-term, temporary closures or detours, if given, will be limited to a specific instance and will not be approved as standard practice.

The Contractor must limit all construction traffic, including material delivery and spoil removal, to those streets where there are construction activities taking place. The City will immediately suspend work in the event the Contractor does not limit construction traffic to approved streets. Work will be allowed to resume only after the Contractor has submitted a construction traffic routing plan limiting construction traffic to approved streets. This plan will be reviewed and approved by the City prior to its implementation. Damage to streets resulting from unapproved construction traffic must be corrected by the Contractor at no expense to the City.

A traffic control plan is provided in the Construction Drawings. Any modifications to this plan must be approved by the City of Albany. For any proposed modifications to the plan, the Contractor must submit a detailed traffic control plan in conformance with the *Standard Construction Specifications* and corresponding with the Contractor's construction schedule. Traffic control plans for specific instances not covered by those shown in the Construction Drawings will be required for all public and private traveled roadways within the project area. The Contractor must submit traffic control plans to the Engineer for review one week prior to commencing construction. The traffic control plan must include a description of the traffic control devices, signing, and flaggers that are to be provided. Work must not begin until the City approves the traffic control plans. Following approval, the plan must be adhered to at all times.

During construction, the Contractor must maintain access to Calapooia Middle School to the maximum extent possible while classes are in session. Although school is currently being held virtually due to the ongoing COVID-19 pandemic, staff and some students are still using the building during the day. The Contractor shall accommodate pedestrian, car, and school bus traffic to and from the school. In addition, school buses are running routes to provide access to the school lunch program and some limited in-person instruction. The Contractor shall allow school busses through the work area. In circumstances where school busses cannot be accommodated due to the nature of the work, the Contractor shall coordinate with the school district to provide an acceptable detour. If Calapooia Middle School resumes in-person on-site instruction during the remainder of the current school year, a change order will be issued to accommodate any required traffic control changes resulting from the resumption of on-site instruction. The last day of the current school year is anticipated to be June 16, 2021. In addition, on-site school registration and other activity is anticipated to occur during the summer of 2021. The Contractor shall coordinate with Calapooia Middle School staff to schedule the work to minimize impacts to school registration events or activities.

On streets where parking is normally allowed, the Contractor must furnish and place at least three "No Parking" signs on each side of each block of the street where parking is to be prohibited. The signs must be highly visible to motorists from all approaches to the area where parking will be restricted. The signs must be posted at least two full working days in advance of any construction activity and must state the date and times when parking will be prohibited.

Construction operations must not commence until all construction signing is in place. Construction signing required for the project must be furnished and maintained by the Contractor.

When the progress of the work requires temporary closures of residential driveways, the Contractor must provide notice to the affected residential properties 48-hours in advance of the closure. Access to residential driveways must be reestablished as soon as possible. The Contractor must maintain continuous access to commercial and industrial properties except during paving operations. The Contractor must meet on-site with the manager of each business a minimum of 72-hours in advance of any work affecting access to their property and inform them of the measures taken to maintain access.

After working hours, construction equipment must be parked outside traveled portions of the roadways and must be isolated with construction fencing and lighted barricades.

In the event the Contractor fails to provide and maintain proper barricades, signs, and other traffic control devices within one hour after notification by the Engineer, the City may install the traffic control devices at the Contractor's expense. The City will deduct two times (200 percent) the City's actual cost, which will include all labor, equipment, and materials involved, from any payments due or coming due to the Contractor.

I-10. NOTIFICATIONS

The Contractor must provide written notice to the front office of the following agencies, three (3) working days in advance of beginning construction. The written notice must include the construction schedule and must explain the extent and duration of expected traffic disruptions. Agency contact information may be found in the table below.

<u>Agency</u>	<u>Address</u>	<u>Phone Number</u>
U.S. Postal Service	525 Second Avenue SW Albany, OR 97321	541-926-8829
Albany Transit System	112 Tenth Avenue SW Albany, OR 97321	541-917-7667
Republic Services	1214 Montgomery Street SE Albany, OR 97321	541-928-2551
Albany Fire Department Administrative Office	611 Lyon Street SE Albany, OR 97321	541-917-7700
Greater Albany Public Schools District Office	718 Seventh Avenue SW Albany, OR 97321	541-967-4501
Albany Police Department	2600 Pacific Boulevard SW Albany, OR 97322	541-971-7680
Linn County Sheriff's Office	1115 Jackson Street SE Albany, OR 97322	541-967-3950

The Contractor must notify the above-named agencies and the public of any schedule changes that are made by the Contractor, required by the City, or are the result of weather or other unforeseen circumstance. The Contractor must submit a copy of each notification to the City for review and approval prior to delivering the notices.

The Contractor must provide written notification to all affected residents and businesses three working days in advance of scheduled work that will result in traffic disruptions and blocked access to driveways or parking areas. Written notifications must explain the extent and duration of the disruption of traffic and/or blocked access and must include alternate routes or parking areas as appropriate.

I-11. ENTERING AND WORKING WITHIN CONFINED SPACES

Contractors working on any public improvement project, while under contract with the City or a private entity, must comply with the following regulations as they pertain to entering and working within confined spaces (as defined by OR-OSHA):

1. Identify any confined space entry that is required to perform the work and submit a list of the locations to the City.
2. Follow the City's confined space entry procedures or submit an alternate procedure that meets or exceeds OR-OSHA confined space entry regulations.

Submit written notice to the City of any hazardous situation that is encountered during the entry of or while working within a confined space.

I-12. WORK ON PRIVATE PROPERTY

The City will provide any permits required for plumbing, electrical, and site work on private property. The Contractor shall coordinate any required inspections with the Engineer.

I-13. TEMPORARY ASPHALT TRENCH PATCHING

Due to traffic associated with Calapooia Middle School, temporary hot or cold mix asphalt trench patching will be required on all trench surfaces in streets and sidewalks west of Hill Street. The Contractor will be allowed to maintain gravel trench surfaces in streets and sidewalks east of Hill Street during construction provided the gravel surfaces are maintained in good condition and loose rock is swept up on a daily basis. If the Engineer determines that trenches are not being maintained in good condition, temporary hot mix or cold mix trench patching shall be placed at the Contractor's expense. In addition, temporary asphalt trench patching may be required in intersections or other high maintenance areas as directed by the Engineer. Temporary trench patching shall be considered incidental to other bid items.

I-14. LOCATION OF UNDERGROUND UTILITIES

The Contractor must determine the horizontal and vertical alignment of existing public and private utilities well enough in advance to make adjustments to the work. Special care must be taken to avoid compromising concrete

thrust restraint on the existing water system. Locating utilities ahead of construction and providing protective measures where required are incidental to other bid items.

I-15. COORDINATION WITH OTHER CITY WORK

There will be a separate City contract to replace existing sewer pipes on Oak Street between 24th Avenue and Pine Meadow Drive. In order to avoid causing delays to this other project, no work between STA B0+04 and STA B6+30 will be allowed to begin prior to June 21, 2021. In addition, the Contractor shall coordinate all work on this project with the contractor performing work on the other project to minimize conflicts for both projects. The Contractor shall be responsible for any costs incurred by the City that result from this work not being coordinated as described above.

I-16. FRANCHISE UTILITY COORDINATION

The City has notified affected franchise utility companies of this project and has directed them to relocate their facilities as needed to provide for the construction of this project. Franchise utilities include Pacific Power, Northwest Natural, CenturyLink, Comcast and LS Networks. The Contractor must coordinate with the franchise utility companies to allow them to perform their relocation work. No additional contract time will be allowed for delays resulting from a lack of coordination with franchise utilities.

Franchise Utility contacts for this project are provided below:

<u>Utility</u>	<u>Contact</u>	<u>Telephone</u>	<u>Email</u>
Pacific Power	Tucker Hill	541-967-6161	Tucker.Hill@PacifiCorp.com
NW Natural	Dave Bellinger	541-926-4253 x8238	d6b@nwnatural.com
CenturyLink	Travis Vaughn	503-365-5555	travis.vaughn@centurylink.com
Comcast	Chris Cranford	503-476-2477	Chris_Cranford@comcast.net
LS Networks	Winfried Vogt	503-414-0475	wvogt@LSNetworks.net

I-17. REPAIR OF EXISTING UNDERGROUND UTILITIES

City-owned, underground infrastructure damaged during construction must be repaired as directed by the Engineer. All completed repair work will require approval of the Engineer prior to covering the work. General repair guidelines are:

1. Existing sanitary sewer mains and service laterals that are damaged must be replaced with like materials and solid-sleeve couplings. Where like materials are not available, the existing pipe must be replaced with ASTM 3034 PVC pipe and solid-sleeve transition couplings.
2. Existing storm drainage pipe that is damaged must be replaced with like materials and mechanical-type couplings. Where like materials are not available, storm drainage pipe must be replaced with Class III concrete pipe or ASTM 3034 PVC pipe with appropriate mechanical-type couplings.

I-18. STREET CONSTRUCTION See Addendum #1 for changes to this section.

Street construction will not be allowed to begin until June 21, 2021, due to on-site activity by teachers, staff, and students at Calapooia Middle School and to avoid damaging the subgrade during wet weather.

Street excavation, overexcavation, and subgrade stabilization shall be conducted in one continuous operation. The work must be sequenced to minimize the amount of truck traffic on the subgrade. The existing subgrade must be compacted, proof rolled and any remaining soft areas repaired prior to the start of paving operations. Base lift paving must begin as soon as possible after finish grading has been completed to minimize additional traffic on the prepared subgrade. Care must be taken to avoid damage to public and private utilities.

I-19. INSPECTION AND APPROVAL OF WATER LINE MATERIALS

Contractor must not begin excavation for water mains and water service lines until all pipe and fittings have been delivered to the site and have been inspected and approved by the Engineer. Contractor shall be responsible to

coordinate material inspections with the Engineer. Delays to the construction schedule resulting from rejection and replacement of materials will not be cause for additional contract time.

I-20. EXCAVATION AND BACKFILL REQUIREMENTS

All excavations must be backfilled daily. Only that portion of the excavation where the next day's work is to resume may be left open. All open trenches in streets must be covered with secured, steel sheets at the end of work each day. All other excavations must be backfilled.

Select backfill must be used in all excavations within the public right-of-way to the limits shown below, regardless of location, and in all driveways subject to vehicle travel.

Paved Area: Use select compacted backfill to finished subgrade elevation.

Unpaved Area: Use select compacted backfill to within 18 inches of finish grade. Complete backfill with topsoil meeting requirement of Section 01010 – Topsoil of the Oregon Department of Transportation's Standard Specifications for Highway Construction, 1996 Edition.

A fill permit will be required to deposit excavated materials, in excess of 50 cubic yards at any one tax lot, from this project regardless of whether the site is publicly or privately owned. For property located within the city limits, fill permits may be obtained from the Public Works Department at City Hall, Third Avenue and Broadalbin Street, Albany, Oregon. For property located outside the city limits, fill permits may be obtained from the Linn County Building Department at the Linn County Court House, Fourth Avenue and Ellsworth Street, Albany, Oregon.

I-21. SCHEDULED INTERRUPTION OF WATER SERVICE

Work involving existing water lines must be scheduled in a manner that will minimize disruption of local water service. Interruption of water service must not be scheduled to occur on a Friday or City Holiday. As a general rule, scheduled interruptions of local water service shall not occur prior to 9:00 a.m. or after 2:00 p.m. The Contractor must give written notice to each affected water customer a minimum of 48 hours in advance of a scheduled interruption of water service. Commercial and industrial water customers require a minimum 72-hour advance notice prior to scheduled interruption of water service. In addition, a representative of the Contractor must personally visit each affected business to deliver the notice to the owner or a responsible employee and answer any questions regarding the shutdown. The Contractor must coordinate with affected businesses to make meter switch-overs and mainline connections at times convenient for their normal operation. In some circumstances it may be necessary to schedule water shutdowns outside of normal working hours. No extra compensation will be due the Contractor for work performed outside of normal working hours.

Each situation involving a scheduled interruption of water service must be limited to four hours, unless extended by the Engineer. If the Contractor does not complete the work within the allotted time, mitigating circumstances notwithstanding, the City will impose liquidated damages of \$225 per each hour, or fraction thereof, beyond the time limit established by the Engineer.

The Engineer will be responsible for supervising the operation of existing valves as required during the course of the work at all locations and for providing the Contractor with maps detailing individual properties requiring shutoff notices.

I-22. BACKFLOW PREVENTION ASSEMBLIES

There may be backflow prevention assemblies on the customer side of the meter where sprinkler systems and landscape irrigation systems are present. These devices are usually located outside of the meter box. The contractor shall be responsible for costs associated with cleaning and testing of these devices and other fixtures that are disabled by debris from the new water line. The Contractor must promptly resolve issues involving fixtures of devices plugged by debris as a result of construction operations. In the event that the Contractor does not promptly respond to correct the problem the City will have the work done and Contractor shall be charged.

I-23. CONNECTION TO EXISTING WATER LINES

The Contractor must be responsible for scheduling and conducting exploratory excavations as necessary to determine material requirements for work involving connections to, or abandonment of, existing water lines. The

outside diameter of existing water lines may vary significantly from industry standard specifications (where available) or from information provided on the plans. The Contractor must be solely responsible for excavating each specific location where there is work involving an existing water line and to determine the actual pipe type and diameter before ordering materials. The City will not compensate the Contractor for components that are found to be incompatible with existing materials. Potholing connections to existing water lines is considered incidental to other bid items.

Existing abandoned water lines or other utilities must not be used as permanent bracing or as backing for permanent concrete thrust restraint where mechanical restraint is not appropriate. The use of concrete thrust restraint where mechanical restraint is specified will require the approval of the Engineer.

I-24. MINIMUM WATER LINE COVER REQUIREMENT

Except where shown and specified otherwise on the Construction Drawings, all new main line water pipe work must have three feet of minimum cover from the new roadway surface grade to the top of the new line. Depending on the depth of existing utilities and other requirements, new water pipe work may require a deeper bury to maintain minimum cover.

I-25. WATER SUPPLY

The City will provide water required for the completion of the work. The Contractor must only take water from approved fire hydrants as designated by the Engineer.

I-26. DIGITAL PROJECT FILES

If requested by the Contractor, the City of Albany will provide the AutoCAD Civil 3D electronic files used to create the Construction Drawings. While these files include electronic surfaces and other data, they are not intended to be used for construction purposes. The City will require the Contractor to sign a City-provided release document acknowledging that the files are to be used at the Contractor's own risk.

I-27. PROTECTION OF EXISTING TREES

Trees to remain in place must be protected at all times. If roots three inches in diameter or greater are encountered during construction, including excavation and trenching activities, the root must be protected and reported to the Engineer. If the root must be removed, the City Forester must be consulted prior to pruning. Root pruning must be accomplished by a sharp cut made with a hand saw or chain saw. Cut or exposed root ends must be kept moist at all times until backfill is placed to cover the roots. Cut roots three inches or greater must be wrapped in burlap and kept moist for the entire time the roots are exposed. Cut or exposed roots must be backfilled as soon as possible.

If the Contractor causes the destruction of trees that are to remain, the City will deduct the value of the tree as determined by the City Forester using the methods described in the International Society of Arboriculture's "Valuation of Landscape Trees, Shrubs, and Other Plants: A Guide to the Methods and Procedures for Appraising Amenity Plants."

SECTION II: STATE AND FEDERAL CONTRACTING LAW

II-1. PREVAILING WAGES

Contractor must comply with all of the provisions required by ORS 279C.800 through ORS 279C.870 relating to the payment of prevailing wage rates for work performed under the Contract with the City of Albany must be complied with.

Each worker in each trade or occupation employed in the performance of this contract either by the contractor, subcontractor, or other person doing or contracting to do, or contracting for the whole or any part of the work on this contract, must be paid not less than the applicable state prevailing rate of wage, or the applicable federal prevailing rate of wage, whichever is higher.

Oregon law requires that the higher of the state prevailing wage rates (PWR) or federal Davis-Bacon rates be paid to workers on projects subject to both the state PWR law and federal Davis-Bacon Act.

ST-21-01, 24th Avenue Rehabilitation does not use federal funds and does not require Davis-Bacon rates. Only Oregon BOLI Prevailing Wage Rates apply to this project.

Each year the Oregon Bureau of Labor and Industries (BOLI) publishes rates and amendments that are available by calling 971-673-0839 or online at the BOLI website at:

<https://www.oregon.gov/boli/employers/Pages/prevailing-wage-rates.aspx>

The publication that applies to this contract is the January 1, 2021, Prevailing Wage Rates for Public Works Contracts in Oregon.

Daily/weekly/holiday/weekend overtime must be paid. If a contractor fails to pay for any labor or services, the City can pay for this labor or services and withhold these amounts from payments due the contractor. ORS 279C.520; OAR 839-025-0020(2)(b).

Contractors and subcontractors are required to prepare weekly certified payroll reports and statements and submit them to the City by the fifth business day of each month (ORS 279C.845; OAR 839-025-0010). Contractor payment will be withheld until the City is in receipt of these certified weekly payroll reports. Information submitted on certified statements may be used only to ensure compliance with the provisions of ORS 279C.800 through ORS 279C.870.

II-2. PERFORMANCE, PAYMENT, AND PUBLIC WORKS BONDS

In addition to the required payment bond and performance bond, unless exempt under ORS 279C.836 (7), (8), or (9), the contractor is required to file a \$30,000 Public Works Bond with the Construction Contractor's Board to be used exclusively for unpaid wages determined to be due by BOLI. The general contractor is required to verify that subcontractors, unless exempt, have filed a public works bond before permitting a subcontractor to start work on a project.

The Statutory Public Works Bond form is available from BOLI upon request or may be downloaded from <https://www.oregon.gov/boli/employers/Documents/public-works-bond.pdf>.

II-3. RECIPROCAL PREFERENCE LAW

Oregon's reciprocal preference law, ORS 279A.120 and ORS 279A.125, requires public contracting agencies, in determining the lowest responsible bidder, to add a percent increase to each out-of-state bidder's bid price that is equal to the percent of preference given to local bidders in the bidder's home state. That is, if the low bidder is from a state that grants a 10 percent preference to its own in-state bidders, the Oregon agency must add 10 percent to that bidder's price when evaluating the bid.

For details, check Oregon's Reciprocal Preference Law website at:

<https://www.naspo.org/reciprocity1>

Bidders in need of any assistance in the application of this law should call the State Procurement Office at 503-378-4642, or contact them at State of Oregon - Department of Administrative Services, State Procurement Office, 1225 Ferry Street SE, U-140, Salem, OR 97301-4285.

II-4. AFFIRMATIVE ACTION/NONDISCRIMINATION

By submitting a bid/proposal, the Bidder/Proposer agrees to comply with the Fair Labor Standards Act (FLSA); Title VII of the Civil Rights Act of 1964; Executive Order 11246, (as amended); Fair Employment Practices; Equal Employment Opportunity Act; Section 503 of the Rehabilitation Act of 1973, as amended; Vietnam Era Veterans' Readjustment Assistance Act of 1974; Americans with Disabilities Act; Age Discrimination in Employment Act of 1967 (ADEA); and Oregon Revised Statutes (ORS). By submitting a bid/proposal, the Bidder/Proposer specifically certifies, under penalty of perjury, that the Bidder/Proposer has not discriminated against minority, women, or emerging small business enterprises in obtaining any required subcontracts.

If the contract is awarded on the basis of the contractor's certification as a Disadvantaged Business Enterprise (DBE), Minority/Women Business Enterprise (MWBE) and Emerging Small Business (ESB) certifications (collectively known as MWESBs), the contractor must remain certified during the entire term of the contract. Contractors must include a similar provision in any subcontracts for the project.

II-5. PAY EQUITY COMPLIANCE AND TRAINING CERTIFICATION

Pay Equity Compliance. As required by ORS 279C.520, Contractor must comply with ORS 652.220 and ORS 659A, and must not unlawfully discriminate against any of Contractor's employees in the payment of wages or other compensation for work of comparable character on the basis of an employee's membership in a protected class. Contractor's compliance with this section constitutes a material element of this Agreement and a failure to comply constitutes a breach that entitles the City to terminate this Agreement for cause. Contracts valued at \$500,000 with employers that have 50 or more employees are required to take Pay Equity Training and submit a certificate as proof before awarded a contract. Contractor must certify they have taken the required Pay Equity Training and provide a certificate to the City.

Free training is available through the state of Oregon's Department of Administrative Services. Details are available at <https://www.oregon.gov/das/Procurement/Pages/PayEquity.aspx>.

II-6. LICENSE REQUIRED FOR ASBESTOS ABATEMENT PROJECT

This contract does not require the contractor or subcontractor to be licensed under ORS 468A.720, regarding asbestos abatement.

II-7. CONSTRUCTION AND DEMOLITION DEBRIS/YARD WASTE MATERIALS – ORS 279C.510

The contractor is responsible for:

1. Salvaging or recycling construction and demolition debris, if feasible and cost-effective.
2. Composting or mulching yard waste material at an approved site, if feasible and cost-effective.

II-8. PROVISIONS CONCERNING ENVIRONMENTAL AND NATURAL RESOURCES LAWS

Contractor is responsible to abide by ORS 279C.525 regarding enacted ordinances, rules, or regulations as set forth by the Albany Municipal Code, Oregon Department of Environmental Quality, Department of State Lands, Environmental Protection Agency, and/or the US Army Corps of Engineers, or any other federal, state, and local agency, in regards to the prevention of environmental pollution and preservation of natural resources.

II-9. PAYMENT, CONTRIBUTIONS, LIENS, WITHHOLDING – ORS 279C.505

The contractor shall:

1. Make payment promptly, as due, to all persons supplying to the contractor labor or material for the performance of the work provided for in this contract.
2. Pay all contributions or amounts due the Industrial Accident Fund from the contractor or subcontractor incurred in the performance of the contract.

3. Not permit any lien or claim to be filed or prosecuted against the City on account of any labor or material furnished.
4. Pay to the Department of Revenue all sums withheld from employees under ORS 316.167

II-10. PAYMENT OF CLAIMS BY PUBLIC OFFICERS, PAYMENT TO PERSONS FURNISHING LABOR OR MATERIALS AND COMPLAINTS – ORS 279C.515; OAR 839-025-0020(2)(a)

1. If the Contractor fails, neglects, or refuses to pay promptly a person's claim for labor or services that the person provides to the Contractor or a subcontractor in connection with this contract as the claim becomes due, the City may pay the amount of the claim to the person that provides the labor or services and charge the amount of the payment against funds due or to become due the Contractor by reason of this contract.
2. If the Contractor or a first-tier subcontractor fails, neglects, or refuses to pay a person that provides labor or materials in connection with this contract within 30 days after receiving payment from the City or Contractor, the Contractor or first-tier subcontractor owes the person the amount due plus interest charges that begin at the end of the 10-day period within which payment is due under ORS 279C.580 (4) and that end upon final payment, unless payment is subject to a good faith dispute as defined in ORS 279C.580. The rate of interest on the amount due is nine percent per annum. The amount of interest may not be waived.
3. If the Contractor or a subcontractor fails, neglects, or refuses to pay a person that provides labor or materials in connection with the public improvement 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.

II-11. CONTRACTOR'S RELATIONS WITH SUBCONTRACTORS – ORS 279C.580(3)(4)

Contractor is required to include in each subcontract for property or services the contractor enters into with a first-tier subcontractor, including a material supplier, for the purpose of performing a construction contract:

1. A payment clause that obligates the contractor to pay the first-tier subcontractor for satisfactory performance under the subcontract within 10 days out of amounts the City pays to the contractor under this contract.
2. A clause that requires the contractor to provide a first-tier subcontractor 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.
3. A clause that requires the contractor, except as otherwise provided in this paragraph, to use the same form and regular administrative procedures for processing payments during the entire term of the subcontract. A contractor may change the form or the regular administrative procedures the contractor uses for processing payments if the contractor:
 - a. Notifies the subcontractor in writing at least 45 days before the date on which the contractor makes the change; and
 - b. Includes with the written notice, a copy of the new or changed form or a description of the new or changed procedure.
4. An interest penalty clause obligating the Contractor, if the contractor does not pay the first-tier subcontractor within 30 days after receiving payment from the City, to pay the first-tier subcontractor an interest penalty on amounts due in each payment the Contractor does not make in accordance with the payment clause included in the subcontract under paragraph (1.) above. A contractor or first-tier subcontractor is not obligated to pay an interest penalty if the only reason 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 applies to the period that begins on the day after the required payment date and that ends on the date on which the amount due is paid and is computed at the rate specified in ORS 279C.515(2).
5. A clause must be included in each of the Contractor's subcontracts requiring the first-tier subcontractor to include a payment clause and an interest penalty clause that conforms to the standards of this sub-section, paragraphs 1-4 above, in each of the first-tier subcontractor's subcontracts and to require each of the first-tier subcontractor's subcontractors to include such clauses in the first-tier subcontractors' subcontracts with each lower-tier subcontractor or supplier.

6. A mandate that all subcontractors, if they were awarded a subcontract on the basis of certification as a disadvantaged, minority-owned, women-owned, or emerging small business enterprise, to maintain certification through the term of the contract.

II-12. CONDITION CONCERNING HOURS OF LABOR – ORS 279C.520

Any worker employed by the Contractor may not 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, the employee must be paid at least time and a half pay as follows:

1. For all overtime in excess of eight hours in any one day or 40 hours in any one week when the work week is five consecutive days, Monday through Friday; or for all overtime in excess of 10 hours in any one day or 40 hours in any one week when the work week is four consecutive days, Monday through Friday; and
2. For all work performed on Saturday and on any legal holiday specified in ORS 279C.540.

Contractor must give notice in writing to employees, who work on a public contract, 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, of the number of hours per day and days per week that the employees may be required to work.

Contractor must comply with the prohibition set forth in ORS 652.220, that compliance is a material element of the contract and that a failure to comply is a breach that entitles the contracting agency to terminate the contract for cause.

Contractor may not prohibit any of its employees from discussing the employee's rate of wage, salary, benefits, or other compensation with another employee or another person and may not retaliate against an employee who discusses the employee's rate of wage, salary, benefits, or other compensation with another employee or person.

II-13. TIME LIMITATION ON CLAIM FOR OVERTIME – ORS 279C.545

Any worker employed by the Contractor shall be foreclosed from the right to collect for any overtime provided in ORS 279C.540 unless a claim for payment is filed with the Contractor within 90 days from the completion of the contract, providing the contractor has:

1. Caused a circular clearly printed in boldfaced 12-point type and containing a copy of ORS 279C.545 to be posted in a prominent place alongside the door of the timekeeper's office or in a similar place that is readily available and freely visible to workers employed on the work; and
2. Maintained the circular continuously posted from the inception to the completion of the contract on which workers are or have been employed.

II-14. CONDITION CONCERNING PAYMENT OF MEDICAL CARE AND PROVIDING WORKERS' COMPENSATION – ORS 279C.530

1. Contractor shall promptly, as due, make payment to any person, co-partnership, association or corporation furnishing medical, surgical, and hospital care services or other needed care and attention, incident to sickness or injury, to the employees of the contractor, of all sums that the contractor agrees to pay for the services and all moneys and sums that the contractor collected or deducted from the wages of employees under any law, contract or agreement for the purpose of providing or paying for the services.
2. All subject employers working under this Contract must comply with ORS 656.017 and provide the required Workers' Compensation coverage, unless such employers are exempt under ORS 656.126. Contractor must ensure that each of its subcontractors complies with these requirements.

SECTION III: TECHNICAL SPECIFICATIONS – BID ITEMS

SCHEDULE A: STREET AND STORM DRAIN CONSTRUCTION

Item No. A-1 – Mobilization:

See *Standard Construction Specifications*, Section 201.

Payment for this bid item will be on a lump-sum basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-2 – Temporary Traffic Control:

See *Standard Construction Specifications*, Section 202; the Special Provisions; and the Construction Drawings.

Payment for this bid item will be on a lump-sum basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-3 – Erosion Prevention and Sediment Control:

This item includes all work related to procuring, installing, and maintaining erosion prevention and sediment control (EPSC) measures for the duration of the project as shown on the Construction Drawings.

In the event the Contractor fails to provide and maintain EPSC measures that prevent sediment from leaving the construction site, the City may require work be stopped immediately. The City will not grant contract extensions for work stoppages based on the Contractor's failure to provide and maintain EPSC measures that prevent sediment from leaving the construction site. If sediment-laden water continues to leave the site after one working day following notification by the Engineer, the City may install additional EPSC measures at the Contractor's expense. The City will deduct two times (200 percent) the City's actual cost, which will include all labor, equipment, and materials involved, from any payments due or coming due to the Contractor.

Payment for this bid item will be on a lump-sum basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-4 – Unclassified Excavation:

See *Standard Construction Specifications*, Section 204 and the Special Provisions.

Payment for this bid item will be on a neat line cubic-yard basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-5 – Overexcavation and Foundation Stabilization:

See *Standard Construction Specifications*, Section 204.

The Contractor shall coordinate with the Engineer to perform a proof roll using a loaded dump truck after unclassified excavation has been completed to identify areas of poor subgrade. Limits and depth of overexcavation shall be as directed by the Engineer. Subgrade geotextile fabric must be placed at the bottom of the excavation prior to backfill.

Payment for this bid item will be made on a cubic-yard basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-6 – 2-Inch Cold Plane Pavement Removal:

This item provides for grinding existing asphalt pavement as shown on the Construction Drawings. The actual limits and locations of the cold plane pavement removal will be determined in the field by the Engineer.

Payment for this item will be made on a lump-sum basis and must include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-7 – Fine Grade Existing Aggregate Base:

See *Standard Construction Specifications*, Section 301 and 302 and the Special Provisions.

This item provides for fine grading of the existing aggregate base prior to the start of paving to create the street cross section as shown on the Construction Drawings. Removal of surplus material and placement of additional crushed aggregate base shall be incidental to this item.

Payment for this bid item will be on a neat line square-yard basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-8 – Emulsified Asphalt Tack Coat:

Emulsified asphalt used for tack coat shall be CSS-1, CSS-1h, CMS-2, CMS-2S, CMS-2h, CRS-1, CRS-2, HFRS-2, or HFMS-2 as selected by the Contractor. Limit pumping between the bulk storage tank, hauling transportation, field storage tanks, and distributor to an absolute minimum to maintain proper viscosity. Dilution of the tack coat material may be allowed to a maximum 1:1 ratio with prior approval of the Engineer. Water shall be added as recommended by the asphalt supplier.

Surfaces that are to receive a tack coat shall be thoroughly cleaned of dust, dirt, and loose debris immediately prior to placing tack.

Tack coat shall be placed to the previous lift of asphalt concrete when more than twelve hours have elapsed before the time of placing the subsequent lift. Tack coat shall be applied at a temperature of between 140°F and 185°F, and at the rates shown below:

<u>Surface Type</u>	<u>Residual Rate (gallons per square yard)</u>
New Asphalt	0.02 to 0.05
Existing Asphalt	0.04 to 0.08

Tack coat shall be applied using an asphalt distributor that can apply the asphalt on variable surface widths up to 16 feet, at readily controlled rates and with uniform pressure. The distributor equipment shall include a tachometer, pressure gauges, accurate volume measuring devices and a thermometer for measuring the temperature of tank contents. Distributor equipment shall be equipped with a positive power unit for the asphalt pump and full circulation spray bars adjustable both laterally and vertically. The spray bar height shall be set for triple lap coverage. Tack coat applications shall be uniform both transversely and longitudinally. Applications that are streaked shall not be allowed. The tack coat shall not be applied during wet weather or when the temperature is below 40°F and shall be applied in advance of paving operations as is appropriate to maintain a tacky, sticky condition of the asphalt. Asphalt concrete shall not be placed on the tack coat until the emulsified asphalt has separated from the water.

Tack coat shall also be applied to all edges of existing pavement, gutter surfaces, manhole castings, inlet boxes and like items prior to placement of the first lift of asphalt. Placement of tack in these areas shall be incidental to this item.

Failure to apply tack coat as described above will result in the associated asphalt concrete being rejected.

Payment for this bid item will be on a square-yard basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-9 – 3/8-Inch Warm-mix Asphalt Concrete:

See *Standard Construction Specifications*, Sections 205 and 304 and the Special Provisions.

The wearing course on 24th Avenue shall be placed in one two-inch lift with a minimum density of 93 percent of the maximum density. The Contractor shall place the wearing course of asphalt the entire width of the street, including the side street intersections, on the same day. At the Contractor's option, wearing course paving may be split into two phases east and west of Hill Street. The use of multiple independently operated paving machines may be required to meet this requirement. Tack coat shall be placed prior to paving. The Contractor shall schedule a pre-paving meeting with the Engineer at least one week prior to paving and submit a paving plan for review and approval. The plan shall outline the width, direction, and order of paving panels, expected production rates, installation of pavement markings, and how the hot mat will be protected from truck or other heavy traffic until the panel is ready to be reopened to traffic.

Warm-mix asphalt concrete shall conform to Section 00745 – Asphalt Concrete Pavement of the Oregon Standard Specifications for Construction. The Contractor shall provide a Superpave mix design for dense graded, Level 2, 3/8-inch warm-mix asphalt concrete. A mix design approved within the previous 12 months may be submitted. Temperature-viscosity curves shall be provided for each mixture. The mix design shall include recommended temperature ranges for mixing and placement, shall be signed by a Certified Mixture Design Technician, shall be prepared according to the appropriate sections of the *Oregon Standard Specifications for Construction*.

The grade of asphalt cement used in the mix design shall be as follows:

PG 70-22: Reclaimed asphalt binder replacement less than 25 percent

PG 64-22: Reclaimed asphalt binder replacement between 25 percent and 35 percent

The reclaimed asphalt binder content shall not exceed 35 percent.

The temperature of warm-mix asphalt concrete at the time it is spread into final position shall be at least 215°F.

Payment for this bid item will be on a per-ton basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-10 – ½-Inch Warm-mix Asphalt Concrete:

See *Standard Construction Specifications*, Sections 205 and 304 and the Special Provisions.

Tack coat shall be placed prior to paving when required. The Contractor shall schedule a pre-paving meeting with the Engineer at least one week prior to paving and submit a paving plan for review and approval. The plan shall outline the width, direction, and order of paving panels, expected production rates, installation of pavement markings, and how the hot mat will be protected from truck or other heavy traffic until the panel is ready to be reopened to traffic.

Warm-mix asphalt concrete shall conform to Section 00745 – Asphalt Concrete Pavement of the Oregon Standard Specifications for Construction. The Contractor shall provide a Superpave mix design for dense graded, Level 2, ½-inch warm-mix asphalt concrete. A mix design approved within the previous 12 months may be submitted. Temperature-viscosity curves shall be provided for each mixture. The mix design shall include recommended temperature ranges for mixing and placement, shall be signed by a Certified Mixture Design Technician, shall be prepared according to the appropriate sections of the *Oregon Standard Specifications for Construction*.

The grade of asphalt cement used in the mix design shall be as follows:

PG 64-22: Reclaimed asphalt binder replacement less than 25 percent

PG 58-28: Reclaimed asphalt binder replacement between 25 percent and 35 percent

The reclaimed asphalt binder content shall not exceed 35 percent.

The temperature of warm-mix asphalt concrete at the time it is spread into final position shall be at least 215°F.

Asphalt concrete placed behind driveway approaches will be included in this item.

Payment for this bid item will be on a per-ton basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-11 – Side Street Paving:

See *Standard Construction Specifications*, Section 205 and 304.

This bid item shall include all additional equipment, labor, and materials required to complete side street connection paving between mainline paving and side street match lines as shown on the Construction Drawings and as directed by the Engineer. Ends of mainline paving with curb returns is also included in this item. Pavement section and specifications shall be the same as specified for mainline paving unless otherwise directed by the Engineer. Sawcutting of existing pavement shall be incidental to this item. Warm-mix asphalt concrete quantities shall be paid under other bid items.

Payment for this bid item will be made on a per-each basis and will cover all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-12 – Remove and Replace Standard Curb and Gutter:

See *Standard Construction Specifications*, Section 306.

Concrete used for this work must have a three-day compressive strength of 4,000 psi. Sawcutting and removal of existing concrete, and preparation of aggregate base is incidental to this bid item.

The Engineer will provide construction staking to reestablish curb returns.

Payment for this bid item will be on a linear-foot basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-13 – Remove and Replace Straight Curb:

See *Standard Construction Specifications*, Section 306.

Concrete used for this work must have a three-day compressive strength of 4,000 psi. Sawcutting and removal of existing concrete, and preparation of aggregate base is incidental to this bid item.

Payment for this bid item will be on a linear-foot basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-14 – Remove and Replace 4-Inch PCC Sidewalk:

See *Standard Construction Specifications*, Section 306.

The Contractor will assist and collaborate with the Engineer during construction to finalize the design of curb ramps and transitions to existing sidewalk within the project area to ensure compliance with all associated standard drawings and ADA regulations.

Sawcutting and removal of existing concrete is incidental to this bid item.

Payment for this bid item will be on a square-yard basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-15 – Remove and Replace 6-Inch PCC Driveway Approach:

See *Standard Construction Specifications*, Section 306.

Concrete used for this work must have a three-day compressive strength of 4,000 psi. Sawcutting and removal of existing concrete, and preparation of aggregate base is incidental to this bid item.

Payment for this bid item will be on a square-yard basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-16 – Remove and Replace 8-Inch PCC Driveway Approach:

See *Standard Construction Specifications*, Section 306.

Concrete used for this work must have a three-day compressive strength of 4,000 psi. Sawcutting and removal of existing concrete, and preparation of aggregate base is incidental to this bid item.

Payment for this bid item will be on a square-yard basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-17 – Truncated Domes:

See *Standard Construction Specifications*, Section 306.

Truncated domes must be as shown in the applicable Standard Drawings.

Payment for this bid item will be on a square-foot basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-18 – Remove Existing Storm Drain:

See *Standard Construction Specifications*, Section 403.

This item provides for removal of existing storm drains and backfilling with select backfill as shown on the Construction Drawings and as directed by the Engineer.

Payment for this bid item will be on a linear-foot basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-19 – Remove Existing Catch Basin:

See *Standard Construction Specifications*, Section 403.

This item provides for demolition, removal, and backfill with select backfill of existing catch basins to be removed as shown on the Construction Drawings.

Payment for this bid item will be on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-20 – Remove Existing Manhole:

This bid item provides for the complete removal of manholes as shown on the Construction Drawings. The entire manhole must be removed, and the entire excavation backfilled with select backfill.

Payment for this bid item will be made on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-21, A-22 and A-23 – 8-Inch, 10-Inch and 12-Inch PVC Storm Drain:

See *Standard Construction Specifications*, Section 401.

Placement of controlled density fill (CDF), where shown on the Construction Drawings, will be incidental to this item. Controlled density fill must be placed to completely fill the space between the new storm drain and the other utility without voids as directed by the Engineer and must have a compressive strength between 50 and 200 psi. The Contractor must provide a mix design for approval by the Engineer prior to the start of work.

Payment for this bid item will be on a linear-foot basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-24 and A-25 – 10-Inch and 12-Inch D.I. Storm Drain:

See *Standard Construction Specifications*, Section 401.

Payment for this bid item will be on a linear-foot basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-26 – 4-Inch Perforated PVC Storm Drain:

See *Standard Construction Specifications*, Section 603.

This item provides for subgrade drains as shown on the Construction Drawings. Perforated pipe shall be solvent weld SDR 35 PVC with two rows of 1/2-inch holes 5 inches on center 120 degrees apart. The pipe shall be installed with the holes centered on the bottom of the pipe. Silt sock shall be ADS Sock synthetic wrap by Advanced Drainage Systems, Inc., or approved equal. Trench backfill shall be 3/4-inch-minus select backfill manufactured from crushed river rock.

Payment for this bid item will be on a linear-foot basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-27 – 6-Inch PVC Storm Drain Service:

See *Standard Construction Specifications*, Section 401 and the Construction Drawings

Installation of property line cleanouts as shown on the Construction Drawings and applicable standard drawings is incidental to this item.

Payment for this bid item will be made on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-28 – Curb Drain:

See *Standard Construction Specifications*, Section 306.

Curb drain locations will be marked in the field by the Engineer.

Payment for this bid item will be on a linear-foot basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-29 – Private Catch Basin:

This item provides for provision and installation of a private catch basin and associated private storm drain piping as shown on the Construction Drawings. All work must conform with the local plumbing code. The City will provide the required plumbing permits for this work.

Payment for this bid item will be on a lump-sum basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-30 – Remove and Replace Cleanout Frame and Cover:

See Standard Drawing No. 411 and *Standard Construction Specifications*, Section 401.

This bid item provides for the removal of existing storm drain property line cleanout frame and covers and installation of new frame and covers as shown on the Construction Drawings.

Payment for this bid item will be on a per-each basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-31 – Adjust Manhole Rim to Grade:

See *Standard Construction Specifications*, Section 402.

All manholes within the new roadway shall be paved over and adjusted to grade after paving is completed per Standard Drawing No. 409 using circular sawcutting. Diamond cutting will not be allowed. Manholes within sidewalks and driveway approaches must be adjusted to grade prior to final placement of concrete. Removal and replacement of the frame and cover is included in this item.

Payment for this bid item will be on a per-each basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-32 – Adjust Water Fixtures to Grade:

See *Standard Construction Specifications*, Section 501 and the Construction Drawings.

This item provides for adjusting water valve boxes to finished grade. Damaged valve boxes must be replaced at the Contractor's expense.

Payment for this bid item will be made on a lump-sum basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-33 – 24-Inch Mini-Manhole:

See *Standard Construction Specifications* Sections, 402 and 403 and the Construction Drawings.

This bid item includes construction of a new 24-inch mini-manhole per the *Standard Construction Specifications*, applicable Standard Drawings, and the Construction Drawings. Pipe connections to the manhole are incidental to this bid item.

Payment for this bid item will be on a per-each basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-34 – Shallow Precast Manhole:

See *Standard Construction Specifications* Sections, 402 and 403 and the Construction Drawings.

This bid item includes construction of a new shallow precast manhole per the *Standard Construction Specifications*, applicable Standard Details, and the Construction Drawings. Pipe connections to the manhole are incidental to this bid item.

Payment for this bid item will be on a per-each basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-35 – Standard Precast Manhole:

See *Standard Construction Specifications* Sections, 402 and 403 and the Construction Drawings.

This bid item includes construction of a new standard precast manhole per the *Standard Construction Specifications*, applicable Standard Details, and the Construction Drawings. Pipe connections to the manhole are incidental to this bid item.

Payment for this bid item will be on a per-each basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-36 – Connect to Existing Manhole:

See *Standard Construction Specifications* Sections, 402 and 403 and the Construction Drawings.

This bid item includes construction of new connections to existing manholes per the *Standard Construction Specifications*, applicable Standard Drawings, and the Construction Drawings. New pipe connections to manholes must be core drilled.

Payment for this bid item will be on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work

Item No. A-37 – Remove and Replace Curb Inlet Top:

See *Standard Construction Specifications*, Section 402.

This item provides for removal and replacement of existing concrete curb inlet tops as shown on the Construction Drawings. The new curb inlet top shall have a 4'-0" clear opening width.

Payment for this bid item will be on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-38 – Standard Curb Inlet:

See *Standard Construction Specifications*, Section 402.

Payment for this bid item will be on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-39 – Catch Basin:

See *Standard Construction Specifications*, Section 402.

Payment for this bid item will be on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Items No. A-40 to A42 – Thermoplastic Pavement Markings:

See *Standard Construction Specifications*, Section 304

These items must include all work to furnish and install pavement markings. Lane line markings must be extruded profiled or extruded non-profiled (Method A) thermoplastic as specified on the Construction Drawings and as in Section 00865 of the *Oregon Standard Specifications for Construction*. Markings used for legends, symbols, crosswalks, and stop bars must be PreMark as manufactured by Flint Trading, Inc., or approved equal. All pavement markings must be installed in accordance with the Construction Drawings and Special Provisions, the *Manual on Uniform Traffic Control Devices*, and the *Oregon Standard Specifications for Construction*.

Payment for these bid items will be on a linear-foot-applied or per-each basis, as indicated in the Schedule of Contract Prices and will include all labor, equipment, materials, and incidentals required to complete the work.

<u>Item Number/Description</u>	<u>Pay Unit</u>
A-40. 12-inch White Non-Profiled Thermoplastic Stripe	Linear foot
A-41. Thermoplastic Shared Lane Marking	Each
A-42 Thermoplastic School Legend	Each

Item No. A-43 – Painted Yellow Curb:

See *Standard Construction Specifications*, Section 304

The street curb must be painted yellow where shown on the Construction Drawings and as directed by the Engineer. Painting materials must conform to the Oregon Department of Transportation's Specifications for White and Yellow Water-Borne Traffic Line Bead Binder Paint.

Payment for this bid item will be on a linear-foot basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-44 – Remove Painted Yellow Curb:

See *Standard Construction Specifications*, Section 304

This item provides for removal of existing yellow paint on curbs as shown on the Construction Drawings and as directed by the Engineer. The paint may be removed mechanically (sandblasting, sanding, etc.) or chemically. The Contractor shall provide a submittal for any chemical removal materials for review and approval by the Engineer prior to use. Chemical agents shall be non-toxic. Approval of chemical agents will be at the sole discretion of the Engineer.

Payment for this bid item will be on a linear-foot basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-45 – Install New Street Signs:

See the Construction Drawings.

This bid item includes provision and installation of all new street signs shown on the Construction Drawings. All new street signs must be in place prior to the paving of the final lift of asphalt.

The new sign base must be a V-Loc Socket, installed flush with the finish surface with the wedge pointed towards approaching traffic. Sign posts must be round, 2³/₈-inch, 0.095 gauge, galvanized, steel pipe posts. The signs must be mounted on the post with Hawkins, Single Clamp on, U-Brackets, with hex-head screws. Galvanized, press-on pipe caps must be installed. New signs must use diamond grade sheeting as manufactured by 3M.

Payment for this bid item will be on a lump-sum basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-46 – Relocate Existing Street Sign:

See the Construction Drawings.

This bid item includes relocating the existing street signs as shown on the plans or as directed by the Engineer. For sign relocation, the existing post and base must be removed. All existing street signs must be relocated prior to the paving of the final lift of asphalt.

The new base must be a V-Lock Socket, installed flush with the finish surface with the wedge pointed towards approaching traffic. If the existing posts are damaged, they must be replaced with round, 2³/₈-inch, 0.095 gauge, galvanized steel pipe posts. The existing signs must be remounted on the post with Hawkins, Single Clamp On, U-brackets, with hex-head screws. Galvanized press-on pipe caps must be installed. If existing signs are damaged, they must be replaced with new signs of the same type and size using diamond grade sheeting as manufactured by 3M.

Payment for this bid item will be on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-47 – Relocate Existing Mailbox:

This item provides for relocating existing mailboxes to new posts as shown on the applicable Standard Drawings, the Construction Drawings, and as directed by the Engineer. This item also includes maintaining mailboxes during construction on temporary posts as directed by the Engineer. New post bases will be incidental to this item.

Payment for this bid item will be made on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-48 – Relocate Existing Clustered Mailbox Unit:

This item provides for relocating existing cluster mailbox units (CBUs) and parcel lockers as shown on the Construction Drawings. The CBUs must be installed per United States Postal Service (USPS) requirements. Contractor must coordinate with the Engineer to allow the final installation to be inspected by the USPS. The CBU must be installed on a four-inch thick concrete base pad (paid under a separate bid item). The concrete base pad must be sized as directed by the Engineer.

The Contractor shall maintain access to cluster mailbox units during construction.

Payment for this bid item will be made on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-49 – Construct Retaining Wall:

See the Construction Drawings.

This bid item includes construction of a new retaining wall as shown on the Construction Drawings. The wall shall be constructed using precast concrete blocks or formed cast-in-place concrete. Concrete wall blocks shall be Diamond Stone Cut (Casual Face) by Willamette Graystone or approved equal and shall be installed according to the manufacturer's requirements. Formed cast-in-place concrete shall be similar to a standard straight curb as shown in the Standard Drawings and as approved by the Engineer. The Contractor shall relocate the existing fence adjacent to the new wall as directed by the Engineer. Any perforated pipes and connections to storm drains or other locations approved by the Engineer shall be incidental to this item.

Payment for this bid item will be on a lump-sum basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-50 – PVC Street Lighting Conduit:

This bid item includes all work required for installation of Pacific Power conduits in the locations shown on the Construction Drawings and as directed by the Engineer. All conduits must be Schedule 40 PVC and have 500-pound-test pull cords installed for later use by Pacific Power. Conduit must have a minimum of 24 inches and a maximum of 48 inches of cover from finished grade. All couplers, bends, risers, caps, and any other required fittings or materials are considered incidental to these bid items. All bends and sweeps must have a radius of 36 inches and must be fiberglass unless otherwise directed by the Engineer. All work must conform to the Pacific Power Distribution Construction Standard and must be inspected and approved by Pacific Power prior to backfill. Pacific Power will install mounting brackets on existing poles ahead of installation of conduits. The Contractor must coordinate with Pacific Power for inspection of the work. Questions regarding Pacific Power's standards and inspections may be directed to Tucker Hill with Pacific Power at 541-967-6161.

Payment for this bid item will be on a linear-foot basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-51 – Install Power Junction Box:

This bid item must include installation of power junction boxes and the stubbing of conduit runs into the boxes. The power junction boxes will be supplied by Pacific Power for installation by the Contractor at locations shown on the Construction Drawings and as directed by the Engineer. All work must conform to the Pacific Power Distribution Construction Standard. The Contractor must coordinate with Pacific Power for inspection of the work. Questions regarding Pacific Power's standards and inspections may be directed to Tucker Hill with Pacific Power at 541-967-6161.

Payment will be on a per-each basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. A-52 – General Landscape Restoration:

See Special Provisions and the *Standard Construction Specifications*, Section 209.

This item provides for basic restoration of front lawns and landscape strip areas. Lawn and landscape strip areas with existing soil must be prepared with a minimum of six inches of new topsoil. Areas without topsoil must be prepared with a minimum of 18 inches of topsoil. All topsoil must be lightly compacted to prevent settling.

Hydroseeding must be applied to all disturbed areas where grass existed unless otherwise directed by the Engineer. Areas with bark mulch must be restored with three inches of new bark mulch. A sample of bark mulch must be provided to the Engineer for approval prior to placement.

Use one of the following seed mixes or approved equal for hydroseeding:

1. Dwarf Grass Mix (low height, low maintenance)
Dwarf Perennial Ryegrass, 80 percent by weight
Creeping Red Fescue, 20 percent by weight
Application rate: 100 pounds minimum per acre

2. Standard Height Grass Mix
Annual Ryegrass, 40 percent by weight
Turf-type Fescue, 60 percent by weight
Application rate: 100 pounds minimum per acre

All hydroseeding must be completed by September 1 unless otherwise approved by the Engineer. Any disturbed areas not hydroseeded by September 1 must be hydroseeded with a layer of EcoBlanket with Terraseeding by Rexius, Inc., or approved equal. No additional payment will be made for the use of EcoBlanket and Terraseeding. Seeded areas must be maintained, including watering, spot weeding, mowing, and reseeded, until a full, uniform, vigorously growing stand of grass free of weeds, undesirable grass species, disease, and insects is achieved and accepted by the Engineer.

Unless specifically called out for removal in these Specifications or the Construction Drawings, any trees, shrubs, bushes, or plants destroyed by construction activities must be replaced with new trees, shrubs, bushes, and plants obtained from a reputable nursery. New trees must be of the same species with a minimum height of six feet. New shrubs, bushes, and plants must be of the same species as those removed. The original trees, shrubs, bushes, and plants must not be replanted.

The Contractor must anticipate that a portion of the existing planter strips between the curb and sidewalk has private irrigation installed in it. The City does not know the extent of the area that has irrigation or the layout of any of the irrigation systems. The Contractor must make repairs to irrigation lines and sprinklers that are damaged as a result of construction with like materials.

Payment for this bid item will be made on a lump-sum basis and will constitute full compensation for all materials, equipment, labor, and incidentals to complete the work.

Item No. A-53 – Reconnect 6-Inch Sewer Service and Abandon 8-Inch Sewer Main:

See *Standard Construction Specifications* Sections, 401 and 403, the Special Provisions, and Construction Drawings.

This bid item includes provision and installation of all specified and unspecified materials necessary to reconnect an existing 6-inch sanitary sewer service line and abandon an existing 8-inch concrete sewer main in-place as shown on the Construction Drawings and as directed by the Engineer. The sewer service line provides service to the 40-unit Parkside Court Apartments. The Contractor must not interrupt sewer service during this work. Any required bypass pumping will be incidental to this item.

The 8-inch sewer main to be abandoned must be pumped full of cellular concrete or flowable controlled density fill. The cellular concrete or flowable controlled density fill must be able to flow through the existing pipe to fill all voids and must have a compressive strength between 50 and 200 psi. The Contractor must provide a mix design for approval by the Engineer prior to the start of work. The Contractor must monitor the pumping of cellular concrete or flowable controlled density fill and ensure the material does not overflow. Any additional excavation required to complete this work will be incidental to this bid item.

There are approximately 300 feet of 8-inch pipe to be abandoned.

Payment for this bid item will be made on a lump-sum basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. A-54 – Early Completion Bonus:

See Special Provisions.

Payment for this bid item will be made on a per-calendar day basis up to a maximum amount of \$60,000 as described in Section I of these Special Provisions.

See Addendum #1 for Addition of Item No. A-55, Remove and Replace Valley Gutter.

SCHEDULE B: WATER LINE CONSTRUCTION

Item No. B-1 – Mobilization:

See *Standard Construction Specifications*, Section 201.

Payment for this bid item will be on a lump-sum basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-2 – Temporary Traffic Control:

See *Standard Construction Specifications*, Section 202; the Special Provisions; and the Construction Drawings.

Payment for this bid item will be on a lump-sum basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-3 – Erosion Prevention and Sediment Control:

This item includes all work related to procuring, installing, and maintaining erosion prevention and sediment control (EPSC) measures for the duration of the project as shown on the Construction Drawings.

In the event the Contractor fails to provide and maintain EPSC measures that prevent sediment from leaving the construction site, the City may require that work be stopped immediately. The City will not grant contract extensions for work stoppages based on the Contractor's failure to provide and maintain EPSC measures that prevent sediment from leaving the construction site. If sediment-laden water continues to leave the site after one working day following notification by the Engineer, the City may install additional EPSC measures at the Contractor's expense. The City will deduct two times (200 percent) the City's actual cost, which will include all labor, equipment, and materials involved, from any payments due or coming due to the Contractor.

Payment for this bid item will be on a lump-sum basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-4 and B-5 – 8-Inch and 4-Inch Ductile Iron Water Line:

See *Standard Construction Specifications*, Section 501.

Bolts, nuts, washers, and other hardware used on flanged fittings must be plain steel without any zinc coating.

Placement of controlled density fill (CDF), where shown on the Construction Drawings, will be incidental to this item. Controlled density fill must be placed to completely fill the space between the new water line and the other utility without voids as directed by the Engineer, and must have a compressive strength between 50 and 200 psi. The Contractor must provide a mix design for approval by the Engineer prior to the start of work.

Payment will be made on a linear-foot basis for pipe that has successfully passed pressure testing and disinfection procedures and must include all equipment, labor, materials, and incidentals required to complete the work. Pipe that has been installed but not successfully pressure tested and disinfected will be paid for in an amount equal to 50 percent of the length of the untested pipe.

Item No. B-6 to B-8 – 8-Inch, 6-Inch and 4-Inch Gate Valve:

See *Standard Construction Specifications*, Section 502.

Provision and installation of retainer glands on valves, when specified on the Construction Drawings, is incidental to this bid item. Bolts used on flanged fittings must be plain steel without any zinc coating.

Payment will be made on a per-each basis and must include all equipment, labor, materials, and incidentals to complete the work.

Item No. B-9 – 1-Inch Combination Air/Vacuum Release Valve:

See *Standard Construction Specifications*, Section 502.

No additional compensation will be made to the Contractor if this bid item is not used or if bid quantities are reduced/increased.

Payment for this bid item will be made on a per-each basis and must include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-10 – Standard 2-Inch Service Assembly:

See *Standard Construction Specifications*, Section 504

Water services must be copper. The Engineer will visually inspect all copper services prior to backfilling. The Contractor must coordinate with the Engineer to ensure these inspections occur in a timely manner.

Provision and installation of meter boxes, including adjustment to finish grade, will be incidental to this bid item. Provision and installation of meter setters, customer service valves and other required fittings are incidental to this bid item.

In addition to provision and installation of all components specified on the Construction Drawings, *Standard Construction Specifications*, and Special Provisions, this bid item includes labor, equipment, and materials required to locate existing private service lines where necessary, provision and installation of unspecified materials that will be necessary to connect the existing private service to the new meter assembly, abandonment of existing meter assemblies where specified, removal and reinstallation of pressure reducing valves where encountered, and any costs associated with cleaning and testing backflow devices and other fixtures disabled by debris from the new water line.

All materials and workmanship completed on the private side of the meter must be in accordance with the current local Plumbing Code and must be performed by a licensed plumber. The City will acquire the necessary plumbing permit(s) required for work on private property related to this bid item. The Contractor is responsible for all work required to coordinate and schedule required inspections. Contractor must protect existing trees and landscaping. Restoration of private driveway and sidewalk, if necessary, will be paid for under a separate bid item.

Existing water meters will be reused unless otherwise noted on the Construction Drawings. The City will supply new water meters where required. The Contractor will be responsible for supplying required adapters on the public and private side of all water meters.

When changing out meters, Contractor must place the old meter on top of the meter box. The City inspector will collect old meters and record pertinent information.

Payment for this bid item will be made on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-11 – Standard 1-Inch Service Assembly:

See *Standard Construction Specifications*, Section 504

Water services must be copper. The Engineer will visually inspect all copper services prior to backfilling. The Contractor must coordinate with the Engineer to ensure these inspections occur in a timely manner.

Provision and installation of meter boxes, including adjustment to finish grade, will be incidental to this bid item. Provision and installation of 1-inch angle meter valve and customer service valve must be incidental to this bid item.

In addition to provision and installation of all components specified on the Construction Drawings, *Standard Construction Specifications*, and Special Provisions, this bid item includes labor, equipment, and materials required to locate existing private service lines where necessary, provision and installation of unspecified materials that will be necessary to connect the existing private service to the new meter assembly, abandonment of existing meter assemblies where specified, removal and reinstallation of pressure reducing valves where encountered, and any costs associated with cleaning and testing backflow devices and other fixtures disabled by debris from the new water line.

All materials and workmanship completed on the private side of the meter must be in accordance with the current local Plumbing Code and must be performed by a licensed plumber. The City will acquire the necessary plumbing permit(s) required for work on private property related to this bid item. The Contractor is responsible for all work required to coordinate and schedule required inspections. Contractor must protect existing trees and landscaping. Restoration of private driveway and sidewalk, if necessary, will be paid for under a separate bid item.

Existing water meters will be reused unless otherwise noted on the Construction Drawings. The City will supply new water meters where required. The Contractor must be responsible for supplying required adapters on the public and private side of all water meters.

When changing out meters, Contractor must place the old meter on top of the meter box. The City inspector will collect old meters and record pertinent information.

Payment for this bid item will be made on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-12 – Standard Fire Hydrant Assembly:

See *Standard Construction Specifications*, Section 503.

Provision and installation of retainer glands and locking gaskets in these assemblies is incidental to this bid item. Payment for six-inch ductile iron piping is included in this bid item. Payment for the six-inch gate valves will be paid under a separate bid item.

The street curb must be painted yellow for 10 feet on both sides of the fire hydrant or as directed by the Engineer. Painting materials must conform to the Oregon Department of Transportation's Specifications for White and Yellow Water-Borne Traffic Line Bead Binder Paint. Painted yellow curb will be paid under a separate bid item.

Payment for this bid item will be made on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-13 – Standard Fire Hydrant Assembly with Remote Sensing Hydrant:

See *Standard Construction Specifications*, Section 503.

This item provides for installation of a remote sensing fire hydrant as shown on the Construction Drawings. The remote sensing hydrant shall be iHydrant by Kennedy Valve or Clow Valve Company, or approved equal.

Provision and installation of retainer glands and locking gaskets in these assemblies is incidental to this bid item. Payment for six-inch ductile iron piping is included in this bid item. Payment for the six-inch gate valves will be paid under a separate bid item.

The street curb must be painted yellow for 10 feet on both sides of the fire hydrant or as directed by the Engineer. Painting materials must conform to the Oregon Department of Transportation's Specifications for White and Yellow Water-Borne Traffic Line Bead Binder Paint. Painted yellow curb will be paid under a separate bid item.

Payment for this bid item will be made on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-14 – Remove Existing Fire Hydrant Assembly:

This item provides for removing the fire hydrant assembly in full, including the valve box and lid, and disposal of the materials in a legal manner off-site. Hydrants to be removed are shown on the Construction Drawings. The City reserves the right to salvage any fire hydrant.

Surface restoration will be paid under the appropriate separate bid items.

Payment for this bid item will be made on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-15 – Coordinate 12-Inch × 8-Inch Live Tap:

See *Standard Construction Specifications*, Section 501 and Construction Drawings.

The City will supply the tapping sleeves used to tap the 12-inch asbestos cement water line. The tapping sleeves will be a full-circle, stainless steel-type sized to fit the actual diameter of the existing water line. A&A Drilling Service, Inc., 503-284-3701, P.O. Box 585, Clackamas, Oregon 97015, will perform the live tap. Any additional labor, materials, and equipment necessary to complete the live tap must be provided by the Contractor.

The Contractor must coordinate the live tap with A&A Drilling, Inc. In addition to coordination, the Contractor must provide all labor, equipment, and materials required to pothole the 12-inch asbestos cement water line as necessary to allow A&A Drilling, Inc., to perform the live tap. Noninvasive excavation equipment such as a vacuum truck will be required when excavating around the asbestos cement water line. In general, minimum excavation requirements are a three-foot wide trench, one foot below and behind the 12-inch water line, and six feet in front of the 12-inch water line.

The live tap assembly must be supported at all times. The Contractor shall be responsible for providing all required temporary and permanent support. Permanent support by means of precast or cast-in place concrete is required. Precast support blocking must utilize permanent hardwood shims to transfer the load to the blocks. Cast-in-place concrete support will require temporary support that is shimmed to support the assemblies prior to placing concrete. The Contractor must also install concrete thrust blocking behind the live tap. Concrete thrust blocking will be paid under a separate bid item.

Installation and removal of the chlorination tap will be considered incidental to this bid item.

Payment for this bid item will be made on a lump-sum basis and must include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-16 – Coordinate 10-Inch × 8-Inch Live Tap:

See *Standard Construction Specifications*, Section 501 and Construction Drawings.

The City will supply the tapping sleeves used to tap the 10-inch asbestos cement water line. The tapping sleeves will be a full-circle, stainless steel-type sized to fit the actual diameter of the existing water line. A&A Drilling Service, Inc., 503-284-3701, P.O. Box 585, Clackamas, Oregon 97015, will perform the live tap. Any additional labor, materials, and equipment necessary to complete the live tap must be provided by the Contractor.

The Contractor must coordinate the live tap with A&A Drilling, Inc. In addition to coordination, the Contractor must provide all labor, equipment, and materials required to pothole the 10-inch asbestos cement water line as necessary to allow A&A Drilling, Inc., to perform the live tap. Noninvasive excavation equipment such as a vacuum truck will be required when excavating around the asbestos cement water line. In general, minimum excavation requirements are a three-foot wide trench, one foot below and behind the 10-inch water line, and six feet in front of the 10-inch water line.

The live tap assembly must be supported at all times. The Contractor shall be responsible for providing all required temporary and permanent support. Permanent support by means of precast or cast-in place concrete is required. Precast support blocking must utilize permanent hardwood shims to transfer the load to the blocks. Cast-in-place concrete support will require temporary support that is shimmed to support the assemblies prior to placing concrete. The Contractor must also install concrete thrust blocking behind the live tap. Concrete thrust blocking will be paid under a separate bid item.

Installation and removal of the chlorination tap will be considered incidental to this bid item.

Payment for this bid item will be made on a lump-sum basis and must include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-17 – Coordinate 6-Inch × 6-Inch Live Tap:

See *Standard Construction Specifications*, Section 501 and Construction Drawings.

The City will supply the tapping sleeves used to tap the 6-inch asbestos cement water line. The tapping sleeves will be a full-circle, stainless steel-type sized to fit the actual diameter of the existing water line. A&A Drilling Service, Inc., 503-284-3701, P.O. Box 585, Clackamas, Oregon 97015, will perform the live tap. Any additional labor, materials, and equipment necessary to complete the live tap must be provided by the Contractor.

The Contractor must coordinate the live tap with A&A Drilling, Inc. In addition to coordination, the Contractor must provide all labor, equipment, and materials required to pothole the 6-inch asbestos cement water line as necessary to allow A&A Drilling, Inc., to perform the live tap. Noninvasive excavation equipment such as a vacuum truck will be required when excavating around the asbestos cement water line. In general, minimum excavation requirements are a three-foot wide trench, one foot below and behind the 6-inch water line, and six feet in front of the 6-inch water line.

The live tap assembly must be supported at all times. The Contractor shall be responsible for providing all required temporary and permanent support. Permanent support by means of precast or cast-in place concrete is required. Precast support blocking must utilize permanent hardwood shims to transfer the load to the blocks. Cast-in-place concrete support will require temporary support that is shimmed to support the assemblies prior to placing concrete. The Contractor must also install concrete thrust blocking behind the live tap. Concrete thrust blocking will be paid under a separate bid item.

Installation and removal of the chlorination tap will be considered incidental to this bid item.

Payment for this bid item will be made on a per-each basis and must include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-18 – Construct Concrete Thrust Block:

See *Standard Construction Specifications*, Section 501 and Construction Drawings.

This bid item includes provision and installation of all specified and unspecified materials necessary to construct concrete thrust blocks and thrust collars where shown on the Construction Drawings.

Payment for this bid item will be made on a per-each basis and shall include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-19 – Install Temporary End Cap:

See the Special Provisions and Construction Drawings.

This bid item includes provision and installation of all specified and unspecified materials necessary to install an end cap and coordination of a scheduled water shutdown. The end cap must be securely braced against the abandoned end of the pipe. The work must be done as shown on the Construction Drawings and as directed in the field by the Engineer. Abandoned piping must be plugged with concrete a minimum distance equal to two pipe diameters.

Payment for this bid item will be made on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-20 – 12-Inch × 8-Inch Connection Assembly:

See the Special Provisions and Construction Drawings.

This bid item includes provision and installation of all specified and unspecified materials necessary to connect the existing 12-inch ductile iron or HDPE water line and the new 8-inch ductile iron water line and coordination of a scheduled water shutdown. Abandoned piping must be plugged with concrete a minimum distance equal to two pipe diameters.

Provision and installation of locking gaskets and retainer glands are incidental to this bid item. Payment for D.I. piping is included in this bid item.

Payment for this bid item will be made on a per-each basis and must include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-21 – 8-Inch × 8-Inch Connection Assembly:

See the Special Provisions and Construction Drawings.

This bid item includes provision and installation of all specified and unspecified materials necessary to connect the existing 8-inch ductile iron, asbestos cement or HDPE water line and the new 8-inch ductile iron water line and coordination of a scheduled water shutdown. Abandoned piping must be plugged with concrete a minimum distance equal to two pipe diameters.

Provision and installation of locking gaskets and retainer glands are incidental to this bid item. Payment for D.I. piping is included in this bid item. Payment for gate valves will be paid under a separate bid item.

Payment for this bid item will be made on a per-each basis and must include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-22 – 8-Inch × 6-Inch Connection Assembly:

See the Special Provisions and Construction Drawings.

This bid item includes provision and installation of all specified and unspecified materials necessary to connect the existing 6-inch asbestos cement water line and the new 8-inch ductile iron water line and coordination of a scheduled water shutdown. Abandoned piping must be plugged with concrete a minimum distance equal to two pipe diameters.

Provision and installation of locking gaskets and retainer glands are incidental to this bid item. Payment for D.I. piping is included in this bid item. Payment for gate valves will be paid under a separate bid item.

Payment for this bid item will be made on a per-each basis and must include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-23 – 8-Inch × 4-Inch Connection Assembly:

See the Special Provisions and Construction Drawings.

This bid item includes provision and installation of all specified and unspecified materials necessary to connect the existing 4-inch asbestos cement water line and the new 8-inch ductile iron water line and coordination of a scheduled water shutdown. Abandoned piping must be plugged with concrete a minimum distance equal to two pipe diameters.

Provision and installation of locking gaskets and retainer glands are incidental to this bid item. Payment for D.I. piping is included in this bid item. Payment for gate valves will be paid under a separate bid item.

Payment for this bid item will be made on a lump-sum basis and must include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-24 – 6-Inch × 6-Inch Connection Assembly:

See the Special Provisions and Construction Drawings.

This bid item includes provision and installation of all specified and unspecified materials necessary to connect the existing 6-inch asbestos cement water line and the new 6-inch ductile iron water line and coordination of a scheduled water shutdown. Abandoned piping must be plugged with concrete a minimum distance equal to two pipe diameters.

Provision and installation of locking gaskets and retainer glands are incidental to this bid item. Payment for D.I. piping is included in this bid item. Payment for gate valves will be paid under a separate bid item.

Payment for this bid item will be made on a lump-sum basis and must include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-25 – 4-Inch × 4-Inch Connection Assembly:

See the Special Provisions and Construction Drawings.

This bid item includes provision and installation of all specified and unspecified materials necessary to connect the existing 4-inch ductile iron water line and the new 4-inch ductile iron water line and coordination of a scheduled water shutdown. Abandoned piping must be plugged with concrete a minimum distance equal to two pipe diameters.

Provision and installation of locking gaskets and retainer glands are incidental to this bid item. Payment for D.I. piping is included in this bid item.

Payment for this bid item will be made on a lump-sum basis and must include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-26 – School Connection Assembly:

See the Special Provisions and Construction Drawings.

This bid item includes provision and installation of all specified and unspecified materials necessary to connect the existing 6-inch and 4-inch ductile iron water lines and the new 8-inch ductile iron water line and coordination of a scheduled water shutdown. Abandoned piping must be plugged with concrete a minimum distance equal to two pipe diameters.

Provision and installation of locking gaskets and retainer glands are incidental to this bid item. Payment for D.I. piping is included in this bid item. Payment for gate valves will be paid under a separate bid item.

Payment for this bid item will be made on a lump-sum basis and must include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-27 – Install 32# Sacrificial Anode:

See *Standard Construction Specifications*, Section 501 and Construction Drawings.

This item provides for installation of sacrificial anodes on ductile iron fittings with flanged connections and new live tap assemblies as shown on the Construction Drawings. Sacrificial anodes shall be 32-pound UltraMag High Potential Magnesium Anodes (Type 32D5) with a minimum 10-foot #12 THHN solid wire by Farwest Corrosion Control Company, or approved equal.

Sacrificial anodes shall be attached as described in Section 501.01.08 of the *Standard Construction Specifications* and as shown on the Construction Drawings.

Payment for these bid items will be made on a per-each basis as listed in the Schedule of Contract Prices and shall include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-28 – 10-Inch Asphalt Trench Patch:

See *Standard Construction Specifications* 304.

The base lifts must be ½-inch asphalt with a thickness of two or three inches. The top lift must be ½-inch asphalt with a thickness of two inches.

Sawcutting of existing pavement is incidental to this bid item.

Payment for this item will be made on a square-yard basis and must include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-29 – 4-Inch Asphalt Trench Patch:

See *Standard Construction Specifications* 304.

The base lift must be ½-inch asphalt with a thickness of two inches. The top lift must be ½-inch asphalt with a thickness of two inches.

Sawcutting of existing pavement is incidental to this bid item.

Payment for this item will be made on a square-yard basis and must include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-30 – Remove and Replace 4-Inch PCC Sidewalk:

See *Standard Construction Specifications*, Section 306.

Concrete used for sidewalk located behind driveway approaches must have a three-day compressive strength of 4,000 psi. Sawcutting and removal of existing concrete is incidental to this bid item.

Payment for this bid item will be on a square-yard basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. B-31 – Remove and Replace Standard Curb and Gutter:

See *Standard Construction Specifications*, Section 306.

Concrete used for this work must have a three-day compressive strength of 4,000 psi. Sawcutting and removal of existing concrete, and preparation of aggregate base is incidental to this bid item.

Payment for this bid item will be on a linear-foot basis and will include all labor, equipment, materials, and incidentals required to complete the work.

Item No. B-32 – Abandon 12-Inch × 12-Inch Connection:

See Special Provisions and Construction Drawings.

This bid item includes provision and installation of all specified and unspecified materials necessary to abandon the existing 12-inch × 12-inch connection as shown on the Construction Drawings and coordination of a scheduled water shutdown. The work must be done as shown on the Construction Drawings and as directed in the field by the Engineer. Abandoned piping must be plugged with concrete a minimum distance equal to two pipe diameters.

Payment for this bid item will be made on a lump-sum basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-33 – Abandon 10-Inch × 10-Inch Connection:

See Special Provisions and Construction Drawings.

This bid item includes provision and installation of all specified and unspecified materials necessary to abandon the existing 10-inch × 10-inch connection as shown on the Construction Drawings and coordination of a scheduled water shutdown. The work must be done as shown on the Construction Drawings and as directed in the field by the Engineer. Abandoned piping must be plugged with concrete a minimum distance equal to two pipe diameters.

Payment for this bid item will be made on a lump-sum basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-34 – Abandon 1-Inch Water Service:

See Special Provisions and Construction Drawings.

This bid item includes provision and installation of all specified and unspecified materials necessary to abandon the existing 1-inch water service as shown on the Construction Drawings and coordination of a scheduled water shutdown. The work must be done as shown on the Construction Drawings and as directed in the field by the Engineer. Surface restoration will be paid under separate bid items.

Payment for this bid item will be made on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-35 – Abandon Existing Water Lines:

See the Special Provisions and Construction Drawings.

This bid item includes provision and installation of all specified and unspecified materials necessary to abandon the existing asbestos cement water lines in-place as shown on the Construction Drawings. Pipes to be abandoned must be pumped full of cellular concrete or flowable controlled density fill. The cellular concrete or flowable controlled density fill must be able to flow through the existing pipes to fill all voids and must have a compressive strength between 50 and 200 psi. The Contractor must provide a mix design for approval by the Engineer prior to the start of work. The Contractor must monitor the pumping of cellular concrete or flowable controlled density fill and ensure the material does not overflow. Any additional excavation required to complete this work will be incidental to this bid item.

There are approximately 600 feet of 12-inch pipe, 2,920 feet of 10-inch pipe, 160 feet of 8-inch pipe, 360 feet of 6-inch pipe and 20 feet of 4-inch pipe to be abandoned.

Payment for this bid item will be made on a lump-sum basis and must include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-36 – Remove and Dispose of Asbestos Cement Pipe:

See *Standard Construction Specifications*, Section 501

This item provides for removal and disposal of existing asbestos cement water lines and backfilling with select backfill as shown on the Construction Drawings and as directed by the Engineer. Removal and disposal of asbestos cement pipe shall be performed in accordance with Oregon Department of Environmental Quality guidelines and regulations.

Payment for this bid item will be on a linear-foot basis and will include all equipment, labor, materials, and incidentals required to complete the work.

Item No. B-37 – Remove Abandoned Valve Box:

The existing valve box and lid must be removed and the void backfilled with the appropriate material (either select fill or native depending on location of the valve box) before final surface restoration. Surface restoration must be paid under the appropriate separate bid items.

Payment for this bid item will be made on a per-each basis and will include all equipment, labor, materials, and incidentals required to complete the work.

LIST OF APPENDICES

CONSTRUCTION DRAWINGS (11" × 17") – *included as separate document*