

**ADDENDUM NO. 3
TO THE
CONTRACT DOCUMENTS
FOR**

**Public Utility District (PUD) No. 1 of Clallam County, Washington
CLALLAM BAY SEKIU WATER MAIN UPGRADES**

THIS ADDENDUM IS HEREBY MADE A PART OF THE CONTRACT DOCUMENTS TO THE SAME EXTENT AS THOUGH IT WERE ORIGINALLY INCLUDED THEREIN.

BIDDERS MUST ACKNOWLEDGE RECEIPT OF ALL ADDENDA ON THE BID PROPOSAL FORM. BID PROPOSALS THAT FAIL TO ACKNOWLEDGE ALL ADDENDA MAY BE CONSIDERED IRREGULAR AND MAY BE REJECTED.

THE DATE AND TIME OF THE BID OPENING REMAINS THE SAME.

ISSUED THIS 29TH DAY OF JUNE 2022.



MURRAYSMITH
600 University Street, Suite 300
Seattle, WA 98101

ITEM NO. 1 – Bidders Questions

1. Q: I would like to confirm that the bid for the Sekiu Water Main Upgrades project may only be mailed or express delivered and cannot be hand delivered on July 6th?

A: The District will ONLY be accepting bids by mail and express mail delivery of bids at this time. Currently, all District offices are closed to the public due to Covid.

The bid opening will be located at Boardroom at 104 Hooker Rd., Sequim, WA. No more than 2 people per party will be allowed in the room for the opening and social distancing needs to be maintained (6ft spacing). Entry will be located on the north side of the building with a sign-in sheet.

2. Q: Will you have the option to zoom in online for the bid opening?

A: The District does not have Zoom or any other online viewing set-up for bid openings.

3. Q: Spec section 7-09.3(25) calls for filling abandoned AC water main which would be paid under Bid Item 33. Removal would be paid under Bid Item 3. Construction notes throughout the drawings say to abandon or remove existing AC water main piping as needed. Please clarify how the scope of removal will be determined vs. controlled density fill, and how removal of appurtenances such as valve boxes and hydrants will be paid.

A: Contractor shall remove AC pipe when it is exposed in the process of construction. For example, during pipe bursting, the Contractor shall remove AC pipe at all boring pits. AC mains not exposed in trenches required to install new mains will be assumed to be abandoned. The plans identify cut and cap locations for the AC main to be abandoned. However, depending on the sequencing of installation, cut and cap locations may vary. All water mains abandoned in place shall be filled with CDF and capped per specifications.

4. Q: Division 7 page 12 calls for Television Inspection of completed pipe replacement at pipe bursting locations. Please clarify when the timing of that would take place. Once connections are made, there isn't access for a camera on a water line.

A: CCTV should be completed before pipe bursting operations happen per 7-20.3(1)2. No video inspection is required on completed pipe.

5. Q: Spec page 33 05 23.13-7 calls for directional drilled pipe to be DIPS. Can IPS pipe be used in lieu of DIPS? It is more readily available.

A: It is acceptable to use HDPE DR 11 IPS or DIPS for HDD application.

6. Q: Spec page 33 05 23.13-10 calls for annular space to be filled per WSDOT Utility Manual Guidelines. Page 1-76 of the WSDOT Utility Manual calls for fill of the annular space on pipes larger than 12 inches. The casings on this project are 12 inches. Please confirm that fill is not required or provide clear direction.

A: Annular space will not need to be filled for casing pipes 12 inches and smaller

7. Q: On sheet W-7, notes 7 and 11 conflict. They point to the section of existing pipe. If all or part of it is to be abandoned and crushed, please clarify how the abandoning and crushing is to be paid.

A: Notes for crushing AC main and leaving in place have been removed from sheets W-4, W-7, and W-28. Contractor shall remove or abandon as directed in the specifications and Bidder Question 3 above.

8. Q: Several locations (for example sheet W-9 and W-11) reference HDD for casings. Please confirm that is meant to be the jack & bored steel casing under bid item 23.

A: Updates were made to clarify HDD, Jack and Bore, and Pipe Bursting pits. Sheets W-9, W-11, W-12, W-13, W-15, W-26, W-34, and W-35.

9. Q: Sheet W-15 shows pipe bursting for 8" water main, but no bid item exists for this. Can one be added?

A: Line item 40 for "HIGH-DENSITY POLYETHYLENE (HDPE) DR 11 PIPE 8 IN. DIAM. (HDD)" added. Line Item 18 was reduced by 210 L.F.

10. Q: Bid item 23 calls for 251 ft of jack and bore. So far, I have only found jack and bore crossings for 90' (W-36) and 41' (W-35). Would you be able to direct me to the sheet(s) with the remaining 120' of jack and bore?

A: Refer to Addendum #1, Bidder's Question #5.

ITEM NO. 2 – Updates to Plan Sheets

1. W-4 – Removed note about crushing AC main. AC main should be removed or abandoned as noted in Bidder's Questions.
2. W-7 - Removed note about crushing AC main. AC main should be removed or abandoned as noted in Bidder's Questions.
3. W-9 – Notes updated to clarify HDD, Jack and Bore, and Pipe Bursting pits.
4. W-11 - Notes updated to clarify HDD, Jack and Bore, and Pipe Bursting pits.
5. W-12 - Notes updated to clarify HDD, Jack and Bore, and Pipe Bursting pits.
6. W-13 - Notes updated to clarify HDD, Jack and Bore, and Pipe Bursting pits.
7. W-15 - Notes updated to clarify HDD, Jack and Bore, and Pipe Bursting pits.
8. W-26 - Notes updated to clarify HDD, Jack and Bore, and Pipe Bursting pits.
9. W-28 - Removed note about crushing AC main. AC main should be removed or abandoned as noted in Bidder's Questions.
10. W-35 - Notes updated to clarify HDD, Jack and Bore, and Pipe Bursting pits.

ITEM NO. 3 – Updates to Bid Proposal Package

1. Item 18: Reduced by 210 L.F.
2. Item 40: Added "HIGH-DENSITY POLYETHYLENE (HDPE) DR 11 PIPE 8 IN. DIAM. (HDD)" for HDD noted on W-15.

ITEM NO. 4 – Updates to Special Provisions

11. 7-20.3(J)2 is removed from the specifications. There is no requirement for video inspection after pipe bursting operations. Contractor shall still preform initial inspection to locate and cut or remove fittings as noted in 7-20.3(I)2

END OF ADDENDUM NO. 3



2022 WSDOT

Public Utility District (PUD) No. 1 of
Clallam County, Washington

BID PROPOSAL PACKAGE

for

**CLALLAM BAY SEKIU WATER MAIN UPGRADES
ADDENDUM 3**

Bid No. 220801

**Bid Opening Date:
July 6, 2022**

**Bids Due By:
2:30 PM Pacific Time**

**Bids Opening Time:
3:00 PM Pacific Time**

PUD No. 1 of Clallam County
100 Hooker Road
Sequim, WA 98382

BIDDER'S CHECKLIST

Bidder must execute and return with submittal:

1. **PROPOSAL FORM**
The unit prices bid must be shown in the space provided. The proposal shall be filled in and signed by the bidder.
2. **CONTRACTOR CERTIFICATION WAGE LAW COMPLIANCE**
3. **CERTIFICATION REGARDING DEBARMENT AND SUSPENSION**
4. **RESPONSIBLE BIDDER INFORMATION**
To show contractor's ability to perform jobs of a similar nature.
5. **PROPOSED EQUIPMENT AND MANPOWER SCHEDULE**
Provide a complete list of equipment and manpower to be used on project.
6. **SUBCONTRACTOR (BIDDER) LIST**
Per 40 CFR Part 33 part 33.501, provide a list all subcontractors that bid or quote on subcontracts (including both DBE and non-DBE firms) with the bid proposal. Failure to submit this with the bid shall render the bid nonresponsive; Form 271-015A included for this purpose. See Section 1-02.6 (Preparation of Proposal).
7. **BID BOND**
This form is to be executed by the bidder and the Surety Company unless cash, cashier's check, or a certified check in the amount of five percent (5%) of the total bid accompanies bid. The amount of this bond shall be not less than five percent (5%) of the total amount bid and may be shown in dollars or on a percentage basis.

After the Contract is awarded, execute:

1. **CONTRACT**
To be executed by the successful bidder in duplicate.
2. **CONTRACT BOND**
To be executed by the successful bidder and his surety company in duplicate.
3. **POWER OF ATTORNEY**
To be submitted in duplicate.
4. **EVIDENCE OF INSURANCE**
To be submitted in duplicate.
5. **PRELIMINARY CONSTRUCTION PROGRESS SCHEDULE**
Submitted in duplicate, showing the first 30 working days, to the Engineer one working day prior to the date of the Pre-construction Conference. To be provided in conformance with Section 1-08.3 (Progress Schedule) of the Standard Specifications.
6. **REQUEST TO SUBLET WORK**
One copy for each subcontractor and lower tier subcontractor shall be submitted and approved by the District, prior to the subcontractor entering the project work site(s) to perform work. (Sample form is included).

6. VACCINE DECLARATION FORM

Per WSDOT GSP 1-07.1(2) Vaccine Declaration form (WSDOT Form #271-050) is required prior to starting Work.

The Proclamations are available at: <https://www.governor.wa.gov/office-governor/official-actions/proclamations>

PROPOSAL FORM
PUD No. 1 of Clallam County

Clallam Bay Sekiu Water Main Upgrades Project
Bid No. 220801

Bids received after this time will be returned to sender unopened in accordance with Section 1-02.9 (Delivery of Proposal) of the Specifications.

The undersigned hereby certifies that:

1. The project sites have been inspected.
2. Bid Documents governing the work have been read and are thoroughly understood.
3. The bidder is willing and able to execute the Contract, provide a Contract Bond and Evidence of Insurance within 20 calendar days following the receipt of the dated "Notice of Award".
4. The "Contractor Certification Wage Law Compliance", "Responsible Bidder Information" and "Proposed Equipment and Manpower Schedule" forms have been completed and are enclosed with this Bid Proposal.
5. A "Subcontractor (Bidder) List" per Section 1-02.6 (Preparation of Proposal) of the specifications has been completed and is enclosed with this Bid Proposal if applicable.
7. A 5% Bid Bond has been enclosed with this Bid Proposal.
8. All addendums have been acknowledged in the space provided in this Bid Proposal.
9. The bidder will promptly undertake the work upon receipt of the dated "Notice to Proceed" that will be issued within 10 working days of the contract execution date and complete the work embraced in this improvement in accordance with the Contract Documents at the following schedule of rates and prices, and it is understood that failure to complete the work within the time stated in Section 1-08.5 (Time for Completion) of the Specifications will be cause for assessment of liquidated damages in accordance with Section 1-08.9 (Liquidated Damages) of the Specifications.
11. The method of payment will be made only on the unit prices for items appearing on this Bid Proposal form.
12. The bidders must bid all items in the bid proposal. If any items are left blank or represent \$0.00, the bid may be disqualified.

NOTE: Unit prices for all items, all extensions and the total amount of bid must be shown. All proposals shall be typed or written in ink.

FIRM NAME _____

PROPOSAL FORM
PUD No. 1 of Clallam County
Clallam Bay Sekiu Water Main Upgrades Project
Bid No. 220801

Bid Item	Description	Estimated Quantity	Unit	Unit Price	Total Price
1	MOBILIZATION	1	L.S.		
2	UTILITY POTHOLING	24	EACH		
3	REMOVE AND DISPOSE OF AC WATER MAIN	830	L.F.		
4	REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL	100	C.Y.		
5	COMB. AIR RELEASE/AIR VACUUM VALVE ASSEMBLY 1 IN.	3	EACH		
6	BLOWOFF ASSEMBLY	5	EACH		
7	HYDRANT ASSEMBLY	16	EACH		
8	SERVICE CONNECTION 3/4 IN. DIAM.	18	EACH		
9	SERVICE CONNECTION 3/4 IN. DIAM. WITH 2" PVC CASING AROUND SERVICE	26	EACH		
10	SERVICE CONNECTION 1 IN. DIAM.	8	EACH		
11	DUAL SERVICE CONNECTION 1 IN. DIAM.	3	EACH		
12	DUAL SERVICE CONNECTION 1 IN. DIAM. WITH 2 IN. PVC CASING AROUND SERVICE	3	EACH		
13	PVC PIPE FOR WATER MAIN 4 IN. DIAM.	55	L.F.		
14	PVC PIPE FOR WATER MAIN 6 IN. DIAM	4,200	L.F.		
15	PVC PIPE FOR WATER MAIN 8 IN. DIAM	600	L.F.		
16	HIGH-DENSITY POLYETHYLENE (HDPE) PIPE 2 IN. DIAM.	60	L.F.		
17	HIGH-DENSITY POLYETHYLENE (HDPE) DR 11 PIPE 4 IN. DIAM.	140	L.F.		
18	HIGH-DENSITY POLYETHYLENE (HDPE) DR 11 PIPE 8 IN. DIAM.	3,840	L.F.		
19	HIGH-DENSITY POLYETHYLENE (HDPE) DR 11 PIPE 4 IN. DIAM. (PIPE BURSTING)	1,264	L.F.		
20	HIGH-DENSITY POLYETHYLENE (HDPE) DR 11 PIPE 6 IN. DIAM. (PIPE BURSTING)	1,800	L.F.		
21	HIGH-DENSITY POLYETHYLENE (HDPE) DR 11 PIPE 6 IN. DIAM. (HDD)	318	L.F.		

Bid Item	Description	Estimated Quantity	Unit	Unit Price	Total Price
22	PVC CASING PIPE 12 IN. DIAM. (C-900)	1,072	L.F.		
23	STEEL CASING PIPE 12 IN. DIAM. (JACK AND BORE)	200	L.F.		
24	CONNECTIONS TO EXISTING WATER SYSTEM	26	EACH		
25	GATE VALVE 4 IN.	1	EACH		
26	GATE VALVE 6 IN.	42	EACH		
27	GATE VALVE 8 IN.	22	EACH		
28	CRUSHED SURFACING BASE COURSE	1,500	C.Y.		
29	HMA CL. 1/2 in. Pg 58H-22	1,100	TON		
30	EROSION CONTROL AND WATER POLLUTION PREVENTION	1	L.S.		
31	PROJECT TEMPORARY TRAFFIC CONTROL	1	L.S.		
32	SHORING OR EXTRA EXCAVATION TRENCH	35,600	S.F.		
33	CONTROLLED DENSITY FILL	50	C.Y.		
34	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION A	1	EACH		
35	LICENSED SURVEYING	14,500	EST.	\$ 1	\$ 14,500
36	HEALTH AND SAFETY PLAN	1	L.S.		
37	RECORD DRAWINGS	1	L.S.		
38	MINOR CHANGE	87,000	CALC	\$ 1	\$ 87,000
39	FORCE ACCOUNT	145,000	EST.	\$ 1	\$ 145,000
40	HIGH-DENSITY POLYETHYLENE (HDPE) DR 11 PIPE 8 IN. DIAM. (HDD)	212	L.F.		

Subtotal

\$ _____

FIRM NAME _____

PROPOSAL FORM
PUD No. 1 of Clallam County
Clallam Bay Sekiu Water Main Upgrades Project
Bid No. 220801

Bid Summary:

Subtotal \$ _____

WA State Sales Tax (8.5%) \$ _____

Total Gross Bid (Total Basic Bid plus Total Sales Tax) \$ _____

If sales tax is shown for a schedule above sales tax should not be included in bid item prices for that schedule (Rule 170).

If sales tax is not identified above Contractor shall include appropriate sales tax in each bid item price as applicable (Rule 171).

RECEIPT OF ADDENDA. I certify and acknowledge receipt of the following Addenda to the Bid Documents and that due consideration thereof has been used in preparing and submitting this Bid Proposal.

Addendum No.	Date of Receipt of Addendum	Signed Acknowledgment
1		
2		
3		
4		

(NOTE: Failure to herein acknowledge receipt of the addenda may be considered an irregularity in this proposal.)

FIRM NAME _____

PROPOSAL FORM
PUD No. 1 of Clallam County
Clallam Bay Sekiu Water Main Upgrades Project
Bid No. 220801

Submitted by:

I certify under penalty of perjury under the laws of the State of Washington that I am the official authorized to submit this Bid Proposal on behalf of:

FIRM NAME: _____

Address: _____

Phone #: _____ Email: _____

Authorized Official: _____ Title: _____
(Please print name)

_____ Date: _____
(Signature)

Authorized Official: _____ Title: _____
(Please print name)

_____ Date: _____
(Signature)

Place of Execution: _____
City and State

NOTE: 1. Bidder is a(n): Corporation Individual Partnership
 Joint Venture Other _____

2. If the bidder is a corporation, its duly authorized officials must execute this proposal. Incorporated in the State of _____.

State Contractor
License #: _____

State Contractor
License Expiration Date: _____

State Unified Business
Identifier (UBI) #: _____

Employment Security
Department #: _____

State Excise
Tax Registration #: _____

Federal Tax ID #: _____

Federal EIN #: _____

Construction Contractors: Please use Tax Code Number 5603 on retail sales where the labor and services are primarily performed in Clallam County.

Submit Bid Proposal to: Attn: Contracts Coordinator
PUD No. 1 of Clallam County
100 Hooker Road
Sequim, WA 98382



**Contractor Certification
Wage Law Compliance - Responsibility Criteria
Washington State Public Works Contracts**

**FAILURE TO RETURN THIS CERTIFICATION AS PART OF THE BID PROPOSAL PACKAGE WILL
MAKE THIS BID NONRESPONSIVE AND INELIGIBLE FOR AWARD.**

I hereby certify, under penalty of perjury under the laws of the State of Washington, on behalf of the firm identified below that, to the best of my knowledge and belief, this firm has NOT been determined by a final and binding citation and notice of assessment issued by the Washington State Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction to have willfully violated, as defined in RCW 49.48.082, any provision of RCW chapters 49.46, 49.48, or 49.52 within three (3) years prior to the date of the Call for Bids.

Bidder Name: _____
Name of Contractor/Bidder - Print full legal entity name of firm

By: _____
Signature of authorized person

Print Name of person making certifications for firm

Title: _____
Title of person signing certificate

Place: _____
Print city and state where signed

Date: _____

**CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND
OTHER RESPONSIBILITY MATTER-PRIMARY COVERED
TRANSACTIONS**

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal department or agency;
 - (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission or fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state, or local) transaction or contract under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (federal, state, or local) with commission of any of the offenses enumerated in paragraph 1.b. of this certification; and
 - (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (federal, state, or local) terminated for cause or default.
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

FIRM NAME _____

RESPONSIBLE BIDDER INFORMATION

Bidder has been in business continuously from _____ (year).

Bank Reference: _____
 Bank Name Account Officer Phone No.

Number of regular full-time employees: _____

Number of projects in the past 5 years completed:

_____ ahead of schedule _____ on schedule _____ behind schedule

Bidder has had experience in work comparable to that required for this Project:
 As a prime contractor for _____ years. As a subcontractor for _____ years.

List the supervisory personnel to be employed by the Bidder and available for work on this project (Project manager, Foreman, Site Superintendent, Engineer, etc.):

Name	Title	Years With Firm

List below, non-District construction work successfully completed by the bidder within the past five (5) years which was similar in size, scope, and difficulty to the work herein being bid upon:

Project Name	Year Completed	Contract Amount	Owner/Reference Name & Phone

List all projects undertaken in the last five (5) years which have resulted in partial or final settlement of the contract by arbitration or litigation in the courts:

Name of Client & Project	Contract Amount	Total Claims Arbitrated or Litigated	Amount of Settlement of Claims

Has Bidder, or any representative or partner, ever failed to complete a contract?
 No Yes If yes, give details: _____

 FIRM NAME _____

RESPONSIBLE BIDDER INFORMATION (continued)

Has Bidder ever had any Payment/Performance Bonds called because of its work?
 No Yes If yes, please state:

Project Name	Contracting Party	Bond Amount

Has Bidder changed bonding companies in the last 3 years?
 No Yes If yes, give details: _____

Has Bidder ever filed for protection under any provision of the federal bankruptcy laws or state insolvency laws?
 No Yes If yes, give details: _____

Has Bidder or any of its employees filed any claims with Washington State Workman's Compensation or other insurance company for accidents resulting in fatal injury or dismemberment in the past five (5) years? No Yes If yes, please state:

Date	Type of Injury	Agency Receiving Claim

Will you, upon request from the District, fill out a detailed financial statement and furnish any other information that may be required by the District? No Yes

The Bid Proposal signature warrants under **penalty of perjury** that the foregoing information is true and accurate to the best of his/her knowledge. The Bid Proposal signature authorizes the District to verify all information contained herein.

FIRM NAME _____

PROPOSED EQUIPMENT AND MANPOWER SCHEDULE
(Use additional sheets, if required)

Equipment to be used:

DESCRIPTION/TYPE	YEAR	CONDITION	OWN/RENT

Manpower schedule:

FIRM NAME _____

Local Agency Name: PUD No. 1 of Clallam County
Local Agency Address: 100 Hooker Road, Sequim, WA 98382

Subcontractor (Bidder) List

Prepared in compliance with RCW 39.30.060 as amended

To Be Submitted with the Bid Proposal

Clallam Bay Sekiu Water Main Upgrades Project, Bid No. 220801

Failure to list all subcontractors with whom the bidder, if awarded the contract, will directly subcontract for performance of the work or naming more than one subcontractor to perform the same work will result in your bid being non-responsive and therefore void.

Subcontractor(s) with whom the bidder will directly subcontract that are proposed to perform the work of heating, ventilation and air conditioning, plumbing, as described in Chapter 18.106 RCW, and electrical as described in Chapter 19.28 RCW **must** be listed below. The work to be performed is to be listed below the subcontractor(s) name.

To the extent the Project includes one or more categories of work referenced in RCW 39.30.060, and no subcontractor is listed below to perform such work, the bidder certifies that the work will either (i) be performed by the bidder itself, or (ii) be performed by a lower tier subcontractor who will not contract directly with the bidder.

Subcontractor Name _____
 Point of Contact _____
 Business Status _____
 (WBE/MBE or None) _____
 Work to be Performed _____

Subcontractor Name _____
 Point of Contact _____
 Business Status _____
 (WBE/MBE or None) _____
 Work to be Performed _____

Subcontractor Name _____
 Point of Contact _____
 Business Status _____
 (WBE/MBE or None) _____
 Work to be Performed _____

Subcontractor Name _____
 Point of Contact _____
 Business Status _____
 (WBE/MBE or None) _____
 Work to be Performed _____

* Bidder's are notified that is the opinion of the enforcement agency that PVC or metal conduit, junction boxes, etc., are considered electrical equipment and therefore considered part of electrical work, even if the installation is for future use and no wiring or electrical current is connected during the project.

FIRM NAME _____

BID BOND

BOND NO. _____

KNOW ALL MEN BY THESE PRESENTS:

That we, _____, as
Principal, (hereinafter called the "Principal"), and

_____, a corporation duly organized

under the laws of the _____ as Surety, (hereinafter called the
"Surety"), are held and firmly bound unto the **PUD NO. 1 OF CLALLAM COUNTY**,
Washington, as Obligee, (hereinafter called the "Obligee"), in the sum of **FIVE
PERCENT (5%) OF TOTAL AMOUNT BID** not to exceed

_____ dollars (\$_____), for
the payment of which sum well and truly to be made, the said Principal and the said
Surety, bind ourselves, our heirs, executors, administrators, successors and assigns,
jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for **CLALLAM BAY SEKIU WATER MAIN
UPGRADES PROJECT, BID NO. 220801**

NOW THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal
shall enter into a contract with the Obligee in accordance with the terms of such bid and
give such bond or bonds as may be specified in the bidding or contract documents with
good and sufficient surety for the faithful performance of such contract and for the proper
payment of labor and material in the prosecution thereof, or in the event of the failure of
the Principal to enter into such contract and give such bond or bonds, if the Principal
shall pay to the Obligee the difference not to exceed the penalty hereof between the
amount specified in said bid and such larger amount for which the Obligee may in good
faith contract with another party to perform the work covered by said bid, then this
obligation shall be null and void, otherwise to remain in full force and effect.

SIGNED, SEALED AND DATED THIS _____ DAY OF _____, 20____.

Name of Contractor

Signed by Principal

Surety Name

Signed by Surety

13. Tracer wire
 - i. Install two trace wires continuous with each bursting drive. Second wire to provide redundancy.
 - ii. Splice trace wire only at intermediate pits.
 - iii. Tape or insulate trace wire to prevent corrosion and maintain integrity of pipe detection.
 - iv. Terminate trace wire for each pipe run at structures along pipe system.
 - v. Provide extra length of trace wire at each structure such that trace wire can be pulled 3 feet out top of structure for connection to detection equipment.
 - vi. Test trace wire for continuity for each bore before acceptance

J. Installation Completion

1. Final Connection of Services: Tap the replacement pipe using a hole saw of the proper diameter at the orientation as shown on the drawings or as required. Install the new water services as shown in the drawings and described in the specifications.
- ~~2. Internal Television Inspection: Undertake and complete internal television inspection of the completed replacement pipe installation in accordance with Section 7-17.3(2)H.~~
3. Acceptance: The completed installation of the replacement pipe, and service connections shall be free from visual defects. Hydrostatic pressure test, disinfection of water mains, and flushing in accordance with 7-09.3.
4. Backfill of Lateral Excavations and Pipe Bursting Excavations: Undertake and complete the backfill of all excavations for the installation including those at intermediate insertion pits and services.

7-20.4 Measurement and Payment

7-20.4(1) Pipe Bursting

Payment for replacement of water mains by bursting the existing host pipe and insertion of a new DR 11, ASTM D3350, PE3408, Cell Class PE345464C or PE4710 PE445574C high density polyethylene (HDPE) pipe of the specified diameter contained in the contract documents (HDPE pipe is to be IPS sizing), includes: submittals; internal video inspection and cleaning, as needed; testing, cleaning, and disinfection; coordination with water customers; temporary water service during construction; HDPE pipe and fittings; saw cutting, excavation, sheeting, shoring, bracing and dewatering of bursting pits and all other excavations necessary for bursting including excavations for protection of existing facilities; backfill, compaction and restoration of bursting pits including granular

E. High-Density Polyethylene (HDPE) Piping:

1. Pipe:

a. Classification: **DIPS or IPS DR 11**

b. Other Requirements listed in WSDOT 9-05.23

2. When used as a casing pipe, spacers shall be inserted matching Calpico Inc model PX or Equal. All hardware shall be stainless steel.

2.2 UNDERGROUND PIPE MARKERS

A. Tracer wire: electronic detection materials for nonconductive piping products.

1. Unshielded 10 gage THWN-insulated copper wire.

2. Conductive tape

PART 3 EXECUTION

3.1 EXAMINATION

A. Verify that connections to existing and proposed systems, sizes, locations, and invert elevations are according to Drawings.

3.2 PREPARATION

A. Local Utility:

1. Call local utility line information service at 811 in accordance with Washington State Revised Code.

2. Request underground utilities to be located and marked within and surrounding construction areas.

B. Maintain access to existing homes, school, and public transportation

C. Locate and identify utilities indicated to remain and protect from damage.

D. Identify required lines, levels, contours, and data locations.

E. Protect plant life, lawns, and other features remaining as portion of final landscaping.

F. Protect benchmarks and survey control points from excavating equipment and vehicular traffic.

G. Establish pipe elevations with not less than 5 feet of cover.