Asotin County Public Utility District
1500 Scenic Way, Clarkston WA 99403

Dated: November 20, 2026

Project: 2027 Sewer Main Replacement Project

From: Asotin County PUD *(in consultation with Consor Engineers)*

ADDENDUM NO. 2

The following changes, additions, and/or deletions are hereby made a part of the Bidding Requirements and Contract Documents. Bidders shall acknowledge receipt of this addendum in the Bid Form.

Section 00300 – Bid Proposal

DELETE and REPLACE with the attached revised Bid Proposal Section.

Noted Revisions

- Extended Total with Sales Tax: The reference to Schedule C has been removed from this line item. Bidders shall include the extended item totals for all schedules in the total and calculate the Extended Total with Sales Tax accordingly.
- General bid schedule lines items (G1, G2, G3, and G4) that cover all three project schedules have been removed. Project Schedules A, B, and C have been revised to include their own applicable general line items that apply to the individual schedules. Per Section 4 of the Bid Proposal "The BIDDER will provide costs for all schedules listed, and the OWNER will award to the lowest responsive BIDDER based on the sum of all schedules. Schedules will be selected for execution, at the OWNER'S discretion."

Section 01200 – Measurement and Payment

DELETE and REPLACE with the attached revised Bid Proposal Section.

Noted Revisions

- Project Schedules A, B, and C have been revised to include their own applicable general line items that apply to the individual schedules.

Question and Response

Question: Please clarify the pressure testing requirements for pipe bursting, open trench, and CIPP, given that existing sewer services must be restored promptly.

Response: Manhole-to-manhole low-pressure air, infiltration, and exfiltration testing of sewer mains will not be required for pipe bursting, open trench, or CIPP on this project. Acceptance will be based on the applicable installation and quality-control requirements, including HDPE fusion records for pipe bursting; PUD inspection of open-trench PVC pipe and joints before backfilling; CIPP installation, cure, and material test records; and the specified post-installation CCTV inspections. Active services shall be restored as required by the contract documents.

Attachments:

- Section 00300 – Bid Proposal
- Section 01201 – Measurement & Payment

SECTION 00300 - BID PROPOSAL
FOR
2027 SEWER MAIN REPLACEMENT PROJECT
PROJECT
FOR
ASOTIN COUNTY PUBLIC UTILITY DISTRICT

THIS BID IS SUBMITTED TO:

Asotin County Public Utility District Office at 1500 Scenic Way, Clarkston, Washington, 99403.

1. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an agreement with the OWNER in the form included in the Bidding Documents to perform and furnish all Work as specified or indicated in the Bidding Documents for the Bid Price and within the Bid Times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

2. BIDDER accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to BIDDERS, including without limitations those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for forty-five (45) days after the day of Bid opening. BIDDER will sign and deliver the required number of counterparts of the Agreement with the Bonds and other documents required by the Bidding Requirements within ten (10) days after the date of OWNER's Notice of Award.

3. In submitting this Bid, BIDDER represents, as more fully set forth in the Agreement, that:

   (a) BIDDER has examined and carefully studied the Bidding Documents and the following Addenda receipt of all which is hereby acknowledged: (List Addenda by Addendum Number)

   Addenda No. _____ through _____.

   (b) BIDDER has visited the site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local and site conditions that may affect cost, progress, performance and furnishing of the Work;

   (c) BIDDER is familiar with all federal, state and local Laws and Regulations that may affect cost, progress, performance and furnishing of the Work.

(d) BIDDER has carefully studied all reports of explorations and tests of subsurface conditions at or contiguous to the site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the site (except Underground Facilities) which have been identified in the Supplementary General Conditions as provided in paragraph 5.03.A of the General Conditions. BIDDER acknowledges that such reports and drawings are not Contract Documents and may not be complete for BIDDER'S purposes. BIDDER acknowledges that OWNER and ENGINEER do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Contract Documents with respect to Underground Facilities at or contiguous to the site.

(e) BIDDER has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by BIDDER, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents to be employed by BIDDER, and safety precautions and programs incident thereto.

(f) BIDDER has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.

(g) BIDDER does not consider that any additional examinations, investigations, explorations, tests, studies or data are necessary for the determination of this Bid for performance and furnishing of the Work in accordance with the times, price and other terms and conditions of the Contract Documents.

(h) BIDDER is aware of the general nature of Work to be performed by OWNER and others at the site that relates to Work for which this Bid is submitted as indicated in the Bidding Documents.

(i) BIDDER has correlated the information known to BIDDER, information and observations obtained from visits to the site, reports and drawings identified in the Contract Documents and all additional examinations, investigations, explorations, tests, studies and data with the Contract Documents.

(j) BIDDER has given OWNER written notice of all conflicts, errors, ambiguities or discrepancies that BIDDER has discovered in the Bidding Documents and the written resolution thereof by OWNER is acceptable to BIDDER, and the

Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.

(k) This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other BIDDER to submit a false or sham Bid; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other BIDDER or over OWNER.

(l) BIDDER agrees to be bound by and will comply with and further agrees that the provisions required by RCW 39.12 and 40 U.S.C. 276(a) pertaining to prevailing wage rates, as applicable, shall be included in this contract. In addition, the undersigned Bidder hereby certifies that, within the three-year period immediately preceding the bid solicitation date for this Project, the bidder is not a "willful" violator, as defined in RCW 49.48.082, of any provision of chapters 49.46, 49.48, or 49.52 RCW, as determined by a final and binding citation and notice of assessment issued by the Department of Labor and Industries or through a civil judgment entered by a court of limited or general jurisdiction.

(m) BIDDER agrees that if awarded the contract, the BIDDER will complete the Work within the time limits specified in the Agreement.

(n) The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

(o) The submission of this Bid constitutes an incontrovertible representation by BIDDER that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

4. BIDDER will complete the Work in accordance with the Contract Documents for the following price(s):

The BIDDER will provide costs for all schedules listed, and the OWNER will award to the lowest responsive BIDDER based on the sum of all schedules. Schedules will be selected for execution, at the OWNER'S discretion.

2027 SEWER MAIN REPLACEMENT					
ITEM NO.	**ITEM DESCRIPTION**	**QTY**	**UNIT**	**UNIT PRICE BID**	**BID ITEM TOTAL**
SCHEDULE A					
G1 (A)	Mobilization, Bonds, Insurance, and Demobilization	1	LS		
G2 (A)	Erosion and Sediment Control	1	LS		
G3 (A)	Traffic Control	1	LS		
G4 (A)	Trench Safety Systems	1	LS		
A1	Pavement Marking	1	LS		
A2	Sewer Bypass Systems	1	LS		
A3	4-inch Diam. Sewer Lateral Reconnection, incl. Surface Restoration	36	EA		
A4	Additional PVC Sewer Lateral Pipe and Fittings, 4-inch Diam., incl. Surface Restoration	108	LF		
A5	HDPE Sanitary Sewer Pipe 8 in Diam., for Pipe Bursting or PVC Sanitary Sewer Pipe 8 in Diam., for Open Cut, incl. Surface Restoration	1,300	LF		
A6	Manhole Removal and Replacement with Standard Manhole, 48 in. Diam.	5	EA		
A7	Pre-Construction Sewer Television Inspection	1	LS		
A8	Post-Construction Sewer Television Inspection	1	LS		
SCHEDULE B					
G1 (B)	Mobilization, Bonds, Insurance, and Demobilization	1	LS		
G2 (B)	Erosion and Sediment Control	1	LS		
G3 (B)	Traffic Control	1	LS		
G4 (B)	Trench Safety Systems	1	LS		
B1	Sewer Bypass Systems	1	LS		
B2	CIPP Lateral Reinstatement	19	EA		
B3	CIPP Sewer Rehabilitation, 10 in. Diam	1,330	LF		
B4	Connect to existing Manhole	6	EA		
B5	Manhole Removal and Replacement with Standard Manhole 48in Diam	1	EA		
B6	Pre-Construction Sewer Television Inspection	1	LS		

B7	Post-Construction Sewer Television Inspection	1	LS		
SCHEDULE C					
G1 (C)	Mobilization, Bonds, Insurance, and Demobilization	1	LS		
G2 (C)	Erosion and Sediment Control	1	LS		
G3 (C)	Traffic Control	1	LS		
G4 (C)	Trench Safety Systems	1	LS		
C1	Sewer Bypass Systems	1	LS		
C2	CIPP Lateral Reinstatement	10	EA		
C3	CIPP Sewer Rehabilitation, 8 in. Diam	330	LF		
C4	Connect to existing Manhole	2	EA		
C5	Pre-Construction Sewer Television Inspection	1	LS		
C6	Post-Construction Sewer Television Inspection	1	LS		

TOTAL OF ALL EXTENDED ITEM AMOUNTS	
SALES TAX (@8.5%)	
EXTENDED TOTAL WITH SALES TAX	

BIDDER acknowledges that:

1. each Bid Unit Price includes an amount considered by BIDDER to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.

TOTAL BID (ALL SCHEDULES) - $_____

*Abbreviations

LS – Lump sum
CY – Cubic yards
EA – Each
LB – Pounds
LF – Lineal feet
SY – Square yard

Discrepancies between the multiplication of units of Work and unit prices will be resolved in favor of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.
Unit Prices have been computed in accordance with paragraph 13.01 of the General Conditions. BIDDER acknowledges that estimated quantities are not guaranteed and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid Items will be based on actual quantities provided, determined as provided in the Contract Documents.

5. BIDDER agrees that the Work will be substantially completed and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement. BIDDER accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times specified in the Agreement.

6. The following documents are attached to and made a condition of this Bid:

   (a) Required Bid Security, in the form of _____ in the amount of_____which is not less than five percent (5%) of the total bid amount.

7. Previous Experience and References as described in the Invitation to Bid and Instructions to BIDDERS is either included with this bid submission or will be provided within the time frame prescribed in these Contract Documents.

8. BIDDER agrees that a completed First-Tier Subcontractor Disclosure Form is either included with this bid submission or will be provided within the time frame prescribed in these Contract Documents.

9. BIDDER certifies that BIDDER will not discriminate against minority, women or emerging small business enterprises in obtaining any subcontracts for this Work.

10. Communications concerning this Bid shall be addressed to the address of BIDDER indicated below.

11. Terms used in this Bid which are defined in the General Conditions of the Construction Contract or Instructions to BIDDERS will have the meanings indicated in the General Conditions of the Construction Contract or Instructions to BIDDERS.

SUBMITTED on_____, 20_____.

Washington State Contractor License No._____.

If BIDDER is:

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

An Individual

By: _____ (SEAL)
(Signature)

_____
(Print Individual's Name)

doing business as: _____

Business address: _____

_____

Phone No.: _____

A Partnership

Partnership Name: _____ (SEAL)

By: _____
(Signature of General Partner)

_____
(Print General Partner's Name)

Business address: _____

_____

Phone No.: _____

A Corporation

Corporation Name: _____ (SEAL)

State of Incorporation: _____

By: _____ (SEAL)
(Signature of Person Authorized to Sign)

_____
(Print Name of Person Authorized to Sign)

_____
(Title)

(Corporate Seal)

Attest: _____
(Signature of Corporate Secretary)

Business address: _____

_____

Phone No.: _____

Date of Qualification to do business is: _____

A Joint Venture

Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of Joint Venture Partner)

_____
(Print Name of Joint Venture Partner)

_____
(Title)

Business Address: _____

_____

Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of Joint Venture Partner)

_____
(Print Name of Joint Venture Partner)

_____
(Title)

Business Address: _____

_____

(Each joint venturer must sign. The manner of signing for each individual, partnership and corporation that is a party to the joint venture should be in the manner indicated above).

SECTION 01201

MEASUREMENT AND PAYMENT

PART 1 GENERAL

1.1 Administrative Submittals

A. CONTRACTOR'S standard form

B. Application for Payment

C. Final Application for Payment

1.2 Applications for Payment

A. Transmittal Summary Form: Attach one Summary Form with each detailed Application for Payment. Execute certification by authorized officer of CONTRACTOR.

B. Use detailed Application for Payment Form suitable to OWNER.

C. Preparation:

1. List each Change Order and Written Amendment executed prior to date of submission as separate line item. Totals to equal those shown on the Transmittal Summary Form.

2. Submit Application for payment, including a Transmittal Summary Form and detailed Application for Payment Form(s), and such supporting data as may be requested by OWNER.

1.3 Measurement – General

A. Weighing, measuring, and metering devices used to measure quantity of materials for Work shall be suitable for purpose intended and conform to tolerances and specifications as specified in National Institute of Standards and Technology, Handbook 44.

B. Whenever pay quantities for material are determined by weight, the material shall be weighed on scales furnished by CONTRACTOR and certified accurate by the state agency responsible. A weight or load slip shall be obtained from the weigher and delivered to the OWNER'S representative at the point of delivery of the material.

C. If material is shipped by rail, the car weights will be accepted provided that actual weight of material only will be paid for and not minimum car weight used for assessing freight tariff, and provided further that car weights will not be acceptable for material to be passed through mixing plants.

D. Vehicles used to haul material being paid for by weight shall be weighed empty daily and at such additional times as required by OWNER. Each vehicle shall bear a plainly legible identification mark.

E. All materials which are specified for measurement by the cubic yard measured in the vehicle shall be hauled in vehicles of such type and size that the actual contents may be readily and accurately determined. Unless all vehicles are of uniform capacity, each vehicle must bear a plainly legible identification mark indicating its water level capacity. All vehicles shall be loaded to at least their water level capacity. Loads hauled in vehicles not meeting the above requirements or loads of a quantity less than the capacity of the vehicle, measured after being leveled off as above provided, will be subject to rejection, and no compensation will be allowed for such material.

F. Quantities will not be based on elevations shown on plans. Field surveys will not be made to conform accuracy of elevations shown. Field measurement made by CONTRACTOR and verified by OWNER will be basis of quantities.

G. Units of measure shown on the Bid Form shall be as follows unless specified otherwise.

Item	Method of Measurement
AC	Acre—Field Measure by OWNER
CF	Cubic Feet—Field Measure by OWNER within the limits specified or shown
CY	Cubic Yard—Field Measure by OWNER within the limits specified or shown. Measurement is for compacted in-place material.
CY-VM	Cubic Yard—Measured in the Vehicle by Volume
EA	Each—Field Count by OWNER
GAL	Gallon—Field Measure by OWNER
HR	Hour—Timed by OWNER
LB	Pound(s)—Weight Measure by Scale or by OWNER-approved listed standard weight (see Supplement 01025-01)
LF	Linear Foot—Field Measure by OWNER along center line of item The pay quantities for pipe will be on the basis of the horizontal length of pipe laid without deductions for valves or fittings which are not included in the end-to-end measurement of a continuous section of pipe. Where pipe is laid on a

continuous slope greater than 10 percent for a distance greater than 100 feet, payment will be made upon the average slope distance between 100-foot stations. When water mains intersect, the measurement of each main shall be to the end of the connecting fittings.

LS	Lump Sum—Unit is one; no measurement will be made
SF	Square Foot—Field measure by OWNER
SY	Square Yard—Field measure by OWNER
TON	Ton—Weight Measure by Scale (2,000 pounds)

1.4 PAYMENT

A. General:

1. Progress payment will be made monthly.

2. The date for CONTRACTOR'S submission of monthly Application for Payment shall be established at the Preconstruction Conference.

B. Measurement and payment will be on a unit price basis in accordance with the prices set forth in the proposal for individual work items. Where work is required but does not appear as a separate item in the proposal, the cost for that work shall be included and absorbed in the unit prices named in the proposal. CONTRACTOR shall make a careful assessment when preparing the bid.

Measurement and Payment Descriptions

2027 Sewer Replacement Design Package			
ITEM NO.	**ITEM DESCRIPTION**	**UNIT**	**DESCRIPTION**
Schedule A			
G1 (A)	Mobilization, Bonds, Insurance, and Demobilization	LS	A. When 5% is earned, either 100% of the amount for mobilization or 5% of the original contract amount, whichever is the least B. When all work is completed, amount of mobilization exceeding 5% of the original contract amount This schedule of mobilization progress payments will not limit or preclude progress payments otherwise provided by the contract.
G2 (A)	Erosion and Sediment Control	LS	Includes all material, labor, equipment, and incidentals necessary to provide and maintain erosion control facilities in accordance with

G2 (A)	*(continued)*	LS	any required erosion control permits. No Specific unit of measurement will apply to this lump sum item.
G3 (A)	Traffic Control	LS	Includes all material, labor, equipment, and incidentals necessary to provide and maintain traffic control in accordance with local agency requirements. No Specific unit of measurement will apply to this lump sum item.
G4 (A)	Trench Safety Systems	LS	Includes all material, labor, equipment, and incidentals necessary to provide trench safety for all excavations required. No Specific unit of measurement will apply to this lump sum item.
A1	Pavement Marking	LS	Includes all material, labor, equipment, and incidentals necessary to provide Pavement Marking Restoration. No Specific unit of measurement will apply to the lump sum item.
A2	Sewer Bypass Systems	LS	The lump sum contract price for "Sewage Bypass Systems" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to furnish and install this item, to include, but not be limited to, all work required to successfully transfer in a leak free manner sewage flows around the construction area, bypass pumping, pipe installation as specified herein, piping and piping connections, plugs, temporary connections (if any), temporary manholes (if any), temporary tees, couplings, and fittings (if any), pumping equipment, stand-by equipment, fuel, operator's labor, removal of all temporary equipment and materials, and dealing with all other interferences, all as shown on the Drawings and as specified herein. No Specific unit of measurement will apply to this lump sum item.

A3	4-inch Diam. Sewer Lateral Reconnection, incl. Surface Restoration	EA	The unit price bid per each "4-inch Diam. Sewer Reconnection, incl. Surface Restoration" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to furnish and install this item, to include but not limited to pipe, fittings, reconnecting existing sewers laterals to the proposed sanitary sewer pipe, a tee whose run diameter is the same diameter as the pipe called for on the Drawings, pipe spools, adapters, connectors and flexible couplings as required for a complete installation and dealing with all other interferences, lateral dye test and verification as required, all as shown on the Drawings and as specified herein. This item shall also include lateral pipe installation from the main line to the connection point of the existing sewer lateral and include the work, labor, equipment etc. to make the reconnection within 5 feet of the mainline. If additional footage is required and agreed to by the Asotin County PUD or Engineer it will be paid for under a separate item. Class D backfill to be used where native material is unsuitable for trench backfill. Class D backfill is incidental to this bid item. Contractor shall be prepared to re-connect all active laterals regardless of pipe material. Existing lateral pipe materials may consist of clay, bituminous fiber (orangeburg), PVC, cast iron, ABS, HDPE, etc. Measurement will be per each. Asphalt Concrete Surface Restoration – Type B (City of Clarkston) required to restore surface at sewer lateral reconnection, including Sawcutting, Crushed Rock and work as shown on the Asotin County PUD Standard Detail 1-4B, shall be incidental to this bid item.

A4	Additional PVC Sewer Lateral Pipe and Fittings, 4-inch Diam, incl. Surface Restoration	LF	The unit contract price per lineal foot for, "Additional PVC Sewer Lateral Pipe and Fittings, 4-inch Diam., Incl. Surface Restoration", shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to furnish and install this item to include, but not limited to, furnishing and installing the side sewer pipe and fittings, complete-in-place, locating and testing the existing side sewer pipe and fittings, removal and waste haul of existing abandoned pipe, plugging all ends of abandoned pipe with concrete, excavation, pipe bedding material, backfill with suitable native material, compaction, material testing, furnishing the services of a Asotin County PUD approved testing laboratory to conduct compaction testing, removal and wastehaul of excess or unsuitable excavated material, dewatering, connections to existing and new systems, flushing and cleaning, detectable marking tape, tracer wire, cap, if applicable, markers, low pressure testing, waste hauling, grading, and dealing with all other interference, all as shown on the Drawings and as specified herein. Asphalt Concrete Surface Restoration – Type B (City of Clarkston) required for Sewers laterals, including Sawcutting, Crushed Rock as shown on the Asotin County PUD Standard Detail 1-4B, shall be incidental to this bid item. Measurement for Additional PVC Side Sewer Pipe and Fittings will be lineal foot along the centerline of the pipe through all fittings from the end of the sewer lateral reconnection to the point of connection to the existing side sewer. Measurements shall be made in the horizontal plane with no allowance for slopes. **This item may only be used with permission from Asotin County PUD to provide additional sewer lateral length beyond 5 feet as may be required for sewer lateral reconnections.**

A5	HDPE Sanitary Sewer Pipe 8 in Diam., for Pipe Bursting or PVC Sanitary Sewer Pipe 8 in. Diam., for Open Cut, incl. Surface Restoration	LF	The unit price bid per lineal foot for "HDPE Sanitary Sewer Pipe 8 in. Diam. for Pipe Bursting, or PVC Sanitary Sewer Pipe, 8 in. Diam. for Open Cut, incl. Surface Restoration", shall be full payment for all work, materials, tools, equipment, transportation, supplies and incidentals required to furnish and install the HDPE or PVC pipe and fittings, complete in-place. For Pipe Bursting this item shall include, but is not to be limited to, pipe bursting insertion/receiving pit excavation, backfill with bedding and suitable native material or imported Class D trench backfill, compaction, removal and disposal of surplus excavated materials, all HDPE pipe and fittings, pipe bursting operations, cleaning, testing, waste hauling, grading and dealing with all other interferences, all as shown on the Drawings and as specified herein. All costs associated with special excavation for trenchless rehabilitation, including all work, materials and equipment required to excavate, expose and retrieve trenchless rehabilitation equipment, in order to continue the pipe rehabilitation procedure, should any equipment become lodged against an unforeseeable obstacle, shall be included in the various unit prices bid for this work as found in the Proposal. For Open Cut, this item shall include, but is not limited to, pipe, fittings, excavation, pipe bedding material, backfill with suitable native material or imported Class D trench backfill, compaction, material testing, furnishing the services of a Contracting Agency approved testing laboratory to conduct compaction testing, removal and waste haul of excess or unsuitable trench excavation material, dewatering, connections to existing and new systems, flushing and cleaning, detectable marking tape, low pressure testing, deflection testing, waste hauling, grading, and dealing with all other interference, all as shown on the Plans and as specified herein. The length of sewer pipe will be the number of lineal feet of completed installation measured

A5	HDPE Sanitary Sewer Pipe 8 in Diam., for Pipe Bursting or PVC Sanitary Sewer Pipe 8 in. Diam., for Open Cut, incl. Surface Restoration *(continued)*	LF	along the invert and will include the length through elbows, tees and fittings. The number of lineal feet will be measured from the center of manhole to center of manhole. Measurements shall be made in the horizontal plane with no allowance for slopes. Class D backfill to be used where native material is unsuitable for trench backfill. Class D backfill is incidental to this bid item. Asphalt Concrete Surface Restoration – Type B (City of Clarkston) required for Sewers laterals, including Sawcutting, Crushed Rock as shown on the Asotin County PUD Standard Detail 1-4B, shall be incidental to this bid item.
A6	Manhole Removal and Replacement with Standard Manhole, 48 in. Diam.	EA	The Unit contract price per each for "Manhole Removal and Replacement with Standard Manhole, 48 in. Diam.", shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to remove and replace a manhole, to include, but not be limited to, structure excavation, removing through the base section of the manhole, waste haul of surplus excavated material and existing manholes parts where called for on the Drawings, frame and cover, concrete adjustment rings, concrete manhole sections, non-shrink grout, manhole adapters, concrete collars, connecting to existing sanitary sewer mains with couplings and pipe spools, compacted bedding material beneath the manhole, backfill with suitable native material testing, furnishing the services of a Contracting Agency approved testing laboratory to conduct compaction testing, and , dewatering, grading, adjusting to finished grade, and dealing with all other interferences, all as shown on the Drawings and as specified herein. Class D backfill to be used where native material is unsuitable for backfill. Class D backfill is incidental to this bid item. Asphalt Concrete Surface Restoration – Type B (City of Clarkston) required to restore the surface at new manholes, including Sawcutting, Crushed Rock as shown on the

			Asotin County PUD Standard Detail 1-4B, shall be incidental to this bid item.
A6	*(continued)*	EA	Measurement shall be per each manhole removed and replaced
A7	Pre-Construction Sewer Television Inspection	LS	The lump sum price bid for "Pre-Construction Sewer Television Inspection", shall be full payment for all work and materials required to furnish and provide Sewer Television Inspection services as shown on the Drawings. No Specific unit of measurement will apply to this lump sum item.
A8	Post-Construction Sewer Television Inspection	LS	The lump sum price bid for "Post-Construction Sewer Television Inspection", shall be full payment for all work and materials required to furnish and provide Sewer Television Inspection services as shown on the Drawings. No Specific unit of measurement will apply to this lump sum item.
Schedule B			
G1 (B)	Mobilization, Bonds, Insurance, and Demobilization	LS	A. When 5% is earned, either 100% of the amount for mobilization or 5% of the original contract amount, whichever is the least B. When all work is completed, amount of mobilization exceeding 5% of the original contract amount This schedule of mobilization progress payments will not limit or preclude progress payments otherwise provided by the contract.
G2 (B)	Erosion and Sediment Control	LS	Includes all material, labor, equipment, and incidentals necessary to provide and maintain erosion control facilities in accordance with any required erosion control permits. No Specific unit of measurement will apply to this lump sum item.
G3 (B)	Traffic Control	LS	Includes all material, labor, equipment, and incidentals necessary to provide and maintain traffic control in accordance with local agency requirements. No Specific unit of measurement will apply to this lump sum item.

G4 (B)	Trench Safety Systems	LS	Includes all material, labor, equipment, and incidentals necessary to provide trench safety for all excavations required. No Specific unit of measurement will apply to this lump sum item.
B1	Sewer Bypass Systems	LS	The lump sum contract price for "Sewage Bypass Systems" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to furnish and install this item, to include, but not be limited to, all work required to successfully transfer in a leak free manner sewage flows around the construction area, bypass pumping, pipe installation as specified herein, piping and piping connections, plugs, temporary connections (if any), temporary manholes (if any), temporary tees, couplings, and fittings (if any), pumping equipment, stand-by equipment, fuel, operator's labor, removal of all temporary equipment and materials, and dealing with all other interferences, all as shown on the Drawings and as specified herein. No Specific unit of measurement will apply to this lump sum item.
B2	CIPP Lateral Reinstatement	EA	The unit price bid per each "CIPP Lateral Reinstatement" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to furnish and install this item as required for complete installation and dealing with all other interferences, all as shown on the Drawings and as specified herein. Contractor shall be prepared to re-connect all active laterals regardless of pipe material. Existing lateral pipe materials may consist of clay, bituminous fiber (orangeburg), PVC, cast iron, ABS, HDPE, etc. Measurement will be per each lateral reinstated.
B3	CIPP Sewer Rehabilitation, 10 In. Diam.	LF	The unit price bid per lineal foot for "CIPP Sewer Rehabilitation, 10 in. Diam.", shall be full payment for all work and materials required to furnish and install the CIPP rehabilitation, including but not limited to,

			Engineering design of the liner; field verification of lengths and sizes of existing
B3	CIPP Sewer Rehabilitation, 10 In. Diam. *(continued)*	LF	sanitary sewer pipe: cleaning the existing sanitary sewer pipe including removal of all roots and deposits, accumulations or protrusions that would interfere with the proper installation of the CIPP liner: installation of the liner, liner, resin, catalyst, and curing systems as required to the limits shown or specified. Measured and paid for on a lineal foot basis. Measurement to be by actual field measurement of lineal feet of Cured-In-Place-Pipe (CIPP) liner installed to the nearest foot, for sizes indicated in the Bid Schedule. Unless indicated otherwise, measurement to be along the existing pipe from center to center of manholes, catch basins or other structures.
B4	Connect to Existing Manhole	EA	The unit contract price per each for "Connect to Existing Manhole", shall constitute full compensation for all labor, materials, tools, equipment, supplies, and incidentals required to connect CIPP rehabilitated sanitary sewer to existing manholes including but not limited to non-shrink grout, seals, and removal and waste haul of materials, as shown on the Drawings and as specified herein. Measurement shall be per each connection to an existing manhole.
B5	Manhole Removal and Replacement with Standard Manhole, 48 in. Diam.	EA	The Unit contract price per each for "Manhole Removal and Replacement with Standard Manhole, 48 in. Diam.", shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to remove and replace a manhole, to include, but not be limited to, structure excavation, removing through the base section of the manhole, waste haul of surplus excavated material and existing manholes parts where called for on the Drawings, frame and cover, concrete adjustment rings, concrete manhole sections, non-shrink grout, manhole adapters, concrete collars, connecting to existing sanitary sewer mains with couplings and pipe spools, compacted bedding material beneath the manhole, backfill with suitable native material testing, furnishing the services of a Contracting Agency approved testing

			laboratory to conduct compaction testing, and , dewatering, grading, adjusting to finished
B5	Manhole Removal and Replacement with Standard Manhole, 48 in. Diam. *(continued)*	EA	grade, and dealing with all other interferences, all as shown on the Drawings and as specified herein. Class D backfill to be used where native material is unsuitable for backfill. Class D backfill is incidental to this bid item. Asphalt Concrete Surface Restoration – Type B (City of Clarkston) required to restore surface at new manholes, including Sawcutting, Crushed Rock as shown on the Asotin County PUD Standard Detail 1-4B, shall be incidental to this bid item. Measurement shall be per each manhole removed and replaced
B6	Pre-Construction Sewer Television Inspection	LS	The lump sum price bid for "Pre-Construction Sewer Television Inspection", shall be full payment for all work and materials required to furnish and provide Sewer Television Inspection services as shown on the Drawings. No Specific unit of measurement will apply to this lump sum item.
B7	Post-Construction Sewer Television Inspection	LS	The lump sum price bid for "Post-Construction Sewer Television Inspection", shall be full payment for all work and materials required to furnish and provide Sewer Television Inspection services as shown on the Drawings. No Specific unit of measurement will apply to this lump sum item.
Schedule C			
G1 (C)	Mobilization, Bonds, Insurance, and Demobilization	LS	A. When 5% is earned, either 100% of the amount for mobilization or 5% of the original contract amount, whichever is the least B. When all work is completed, amount of mobilization exceeding 5% of the original contract amount This schedule of mobilization progress payments will not limit or preclude progress payments otherwise provided by the contract.
G2 (C)	Erosion and Sediment Control	LS	Includes all material, labor, equipment, and incidentals necessary to provide and maintain erosion control facilities in accordance with any required erosion control permits.

			No Specific unit of measurement will apply to this lump sum item.
G3 (C)	Traffic Control	LS	Includes all material, labor, equipment, and incidentals necessary to provide and maintain traffic control in accordance with local agency requirements. No Specific unit of measurement will apply to this lump sum item.
G4 (C)	Trench Safety Systems	LS	Includes all material, labor, equipment, and incidentals necessary to provide trench safety for all excavations required. No Specific unit of measurement will apply to this lump sum item.
C1	Sewer Bypass Systems	LS	The lump sum contract price for "Sewage Bypass Systems" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to furnish and install this item, to include, but not be limited to, all work required to successfully transfer in a leak free manner sewage flows around the construction area, bypass pumping, pipe installation as specified herein, piping and piping connections, plugs, temporary connections (if any), temporary manholes (if any), temporary tees, couplings, and fittings (if any), pumping equipment, stand-by equipment, fuel, operator's labor, removal of all temporary equipment and materials, and dealing with all other interferences, all as shown on the Drawings and as specified herein. No Specific unit of measurement will apply to this lump sum item.
C2	CIPP Lateral Reinstatement	EA	The unit price bid per each "CIPP Lateral Reinstatement" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to furnish and install this item as required for complete installation and dealing with all other interferences, all as shown on the Drawings and as specified herein. Contractor shall be prepared to re-connect all active laterals regardless of pipe material. Existing lateral pipe materials may consist of clay, bituminous fiber (orangeburg), PVC, cast iron, ABS, HDPE, etc.

C2	*(continued)*	EA	Measurement will be per each lateral reinstated.
C3	CIPP Sewer Rehabilitation, 8 In. Diam.	LF	The unit price bid per lineal foot for "CIPP Sewer Rehabilitation, 8 in. Diam.", shall be full payment for all work and materials required to furnish and install the CIPP rehabilitation, including but not limited to, Engineering design of the liner; field verification of lengths and sizes of existing sanitary sewer pipe: cleaning the existing sanitary sewer pipe including removal of all roots and deposits, accumulations or protrusions that would interfere with the proper installation of the CIPP liner: installation of the liner, liner, resin, catalyst, and curing systems as required to the limits shown or specified. Measured and paid for on a lineal foot basis. Measurement to be by actual field measurement of lineal feet of Cured-In-Place-Pipe (CIPP) liner installed to the nearest foot, for sizes indicated in the Bid Schedule. Unless indicated otherwise, measurement to be along the existing pipe from center to center of manholes, catch basins or other structures.
C4	Connect to Existing Manhole	EA	The unit contract price per each for "Connect to Existing Manhole", shall constitute full compensation for all labor, materials, tools, equipment, supplies, and incidentals required to connect CIPP rehabilitated sanitary sewer to existing manholes including but not limited to non-shrink grout, seals, and removal and waste haul of materials, as shown on the Drawings and as specified herein. Measurement shall be per each connection to an existing manhole.
C5	Pre-Construction Sewer Television Inspection	LS	The lump sum price bid for "Pre-Construction Sewer Television Inspection", shall be full payment for all work and materials required to furnish and provide Sewer Television Inspection services as shown on the Drawings. No Specific unit of measurement will apply to this lump sum item.
C6	Post-Construction Sewer Television Inspection	LS	The lump sum price bid for "Post-Construction Sewer Television Inspection", shall be full payment for all work and materials required to furnish and provide Sewer Television Inspection services as shown on the Drawings.

			(continued) No Specific unit of measurement will apply to this lump sum item.

END OF SECTION