



City of Tacoma

Public Works Engineering

ADDENDUM NO. 2

DATE: 11/21/2023

REVISIONS TO:

**Request for Bids Specification No. PW23-0241F
Streets Initiative Packages # 24 & #35**

NOTICE TO ALL BIDDERS:

This addendum is issued to clarify, revise, add to or delete from, the original specification documents for the above project. This addendum, as integrated with the original specification documents, shall form the specification documents. The noted revisions shall take precedence over previously issued specification documents and shall become part of this contract.

REVISIONS TO THE SUBMITTAL DEADLINE:

The submittal deadline remains the same.

REVISIONS TO THE SPECIAL PROVISIONS:

Change 1 – Water Specifications

Remove Water Section 7-09.5 Payment Addendum 1 and Replace with Water Section 7-09.5 Payment Addendum 2.

Note: Any reference to disposal of contaminated material shall be removed and all disposal fees to LRI will be borne by the city.

REVISIONS TO THE PROPOSAL PAGES:

Change 1 – Bid Proposal

Remove Bid Proposal marked Addendum 1 in its entirety and replace with Bid Proposal marked Addendum 2.

REVISIONS TO THE SUBMITTAL PACKAGE:

Change 1 – Bid Proposal

Remove Bid Proposal marked Addendum 1 in its entirety and replace with Bid Proposal marked Addendum 2.

NOTE: Acknowledge receipt of this addendum by initialing the corresponding space as indicated on the signature page. Vendors who have already submitted their bid/proposal may contact the Purchasing Division at 253-502-8468 and request return of their bid/proposal for acknowledgment and re-submittal. Or, a letter acknowledging receipt of this addendum may be submitted in an envelope marked Request for Bids Specification No. PW23-0241F Addendum No.2. The City reserves the right to reject any and all bids, including, in certain circumstances, for failure to appropriately acknowledge this addendum.

cc: Josh Lauer, Public Works Engineering

7-09.5 Payment

This section is revised to read:

“Trench Excavation and Disposal”, per cubic yard.

The unit contract price for “Trench Excavation and Disposal” shall be full pay for all labor, equipment and materials required for excavating and disposal of unsuitable materials. Trench and disposal requirements will be in accordance with WSDOT Standard Specifications as modified in these Special Provisions.

“Trench Excavation of Contaminated Material, Incl. Haul to LRI”, per cubic yard.

The unit contract price per cubic yard for “Trench Excavation of Contaminated Material, Incl. Haul to LRI” shall be full pay for all work required to haul all contaminated unsuitable material, to LRI Landfill, located at 30919 Meridian Street East, Graham, WA, which is a licensed solid waste disposal facility. Trench and disposal requirements will be in accordance with WSDOT Standard Specifications as modified in these Special Provisions. Actual measurement will be based on a neat line trench measurement, per cubic yard.

“Trench shoring”, per linear foot.

The single lineal foot measurement will be full pay for both sides of the trench that is shored. Over-excavation to bypass the use of a shoring/shielding is not considered a safety system and no payment will be made.

“____-inch Ductile Iron Pipe, _____Joint ANSI/AWWA. C151 Special Thickness Class No. 52”, per linear foot.

The unit contract price per linear foot for each size of “____-inch Ductile Iron Pipe, _____Joint ANSI/AWWA. C151 Special Thickness Class No. 52” shall be full pay for all work to complete the installation of the water main including but not limited to furnishing, laying, jointing pipe, gaskets, gland/bolt kits, testing, flushing, disinfecting the pipeline and cleanup.

Payment for restoration will be made under the applicable items shown in the Proposal. If no pay items for restoration are included in the Proposal, restoration shall be considered incidental to the work of constructing the water main, and all costs thereof shall be included in the unit contract price for “____-inch Ductile Iron Pipe, _____Joint ANSI/AWWA. C151 Special Thickness Class No. 52”.

“Asbestos cement Pipe removal and disposal plan”, per lump sum.

The lump sum contract price for “Asbestos cement Pipe removal and disposal plan” shall be full pay for all costs, including but not limited to, preparing, submitting, revising, complying with testing requirements, and resubmitting revisions for the Asbestos cement Pipe removal and disposal plan.

“Removal and disposal of abandoned AC pipe, all sizes”, per linear foot.

The unit contract price per linear foot of “Removal and disposal of abandoned AC pipe, all sizes”: shall be full pay for all work to complete the removal, abatement, haul,

disposal, permitting and permit fees, documentation, material, personal protective equipment, and cleanup necessary to properly remove and dispose of AC pipe abandoned as part of this contract.

“____-inch Ductile Iron Reducer, ____M.J. with concrete anchor, (dwg. 17-56-1) in place”, per each.

The unit contract price for “____-inch Ductile Iron Reducer, ____M.J. with concrete anchor, (dwg. 17-56-1) in place” shall be full pay for all labor, equipment and materials required for furnishing and installing these items including concrete anchor, gaskets and gland/bolts kits.

“____-inch Ductile Iron (fitting), M.J. ____in place”, per each.

The unit contract price for “____-inch Ductile Iron (fitting), M.J. ____in place” shall be full pay for all labor, equipment and materials required for furnishing and installing these items including gaskets and gland/bolts kits.

“____-inch Ductile Iron (cap/plug), M.J., tapped ____-inch, installed & removed”, per each.

The unit contract price for “____-inch Ductile Iron (cap/plug), M.J., tapped ____-inch, installed & removed” shall be full pay for all labor, equipment and materials required for furnishing, installing and removing these items including gaskets gland/bolts kits.

“____-inch Ductile Iron (Cap/plug), M.J., tapped ____-inch, in place”, per each.

The unit contract price for “____-inch Ductile Iron (cap/plug), M.J., tapped ____-inch, in place” shall be full pay for all labor, equipment and materials required for furnishing, and installing these items including gaskets gland/bolts kits.

“____-inch _____Tapping Sleeve, in place”, per each.

The unit contract price for “____-inch _____Tapping Sleeve” shall be full pay for all labor, equipment and materials required for furnishing, and installing these items including gaskets gland/bolts kits.

“____-inch Transition Coupling with ____-inch center ring, ____coating, and ____bolts, ____to D.I.”, per each.

The unit contract price for “____-inch Transition Coupling with ____-inch center ring, ____coating, and ____bolts, ____to D.I.” shall be full pay for all labor, equipment and materials required for furnishing and installing these items.

“____-inch End Cap Coupling tapped ____-inch, with ____inch center ring, ____coating, and ____bolts,” per each.

The unit contract price for “____-inch End Cap Coupling tapped ____-inch, with ____inch center ring, ____coating, and ____bolts,” shall be full pay for all labor, equipment and materials required for furnishing and installing these items.

“____-inch Blow-Off Assembly, in place”, per each.

The unit contract price bid per each for “____-inch Blow-Off Assembly, in place” shall be full pay for all work to install the blow-off assembly per drawing 17-56-1, including but not limited to excavating, backfilling, laying and jointing pipe, pipe and fittings, valve box, meter box, and cleanup. Bid item to include raising valve box to finished grade per drawing 17-56-1, and to include concrete pad and asphalt patch at valve box.

“Temporary ____-inch Blow-Off Assembly, installed & removed”, per each.

The unit contract price bid per each for “Temporary ____-inch Blow-Off Assembly, installed & removed” shall be full pay for all work to install the blow-off assembly per drawing 17-56-1, including but not limited to excavating, backfilling, laying and jointing pipe, pipe and fittings, gate valve, meter box, cleanup and removal.

“____-inch Mechanical Joint Restraining Gland, in place”, per each.

The unit contract price for “____-inch Mechanical Joint Restraining Gland, in place” shall be full pay for all labor, equipment and materials required for furnishing and installing the specified item.

“____-inch Push-On Joint Restraining Gasket, in place”, per each.

The unit contract price for “____-inch Push-On Joint Restraining Gasket, in place” shall be full pay for all labor, equipment and materials required for furnishing and installing the specified item.

“Concrete Thrust Anchor, in place”, per each.

The unit contract price for “Concrete Thrust Anchor, in place” shall be full pay for all labor, equipment and materials required for furnishing and installing the specified item.

“Temporary Concrete Thrust Anchor, installed & removed”, per each.

The unit contract price for “Temporary Concrete Thrust Anchor, installed & removed” shall be full pay for all labor, equipment and materials required for furnishing, installing and removing the specified item.

“Crushed Surfacing Top Course for Trench Backfill per section 9-03.9(3) of the ____ WSDOT Standard Specifications, shoulder restoration, and as directed by the inspector”, per ton.

The unit contract price for “Crushed Surfacing Top Course for Trench Backfill per section 9-03.9(3) of the ____ WSDOT Standard Specifications, shoulder restoration, and as directed by the inspector” shall be full pay for all labor, equipment and materials required for furnishing and installing the specified item including delivery, spreading, compacting and rolling.

“Trench Compaction Test (as directed by the inspector)”, per each.

The unit contract price for “Trench Compaction Test (as directed by the inspector)” shall be for passing compaction test as per sections 7-09.3(11), and 2-03(14)D. Testing will be performed by a licensed testing company with trained personnel in the presence of the Tacoma Water Construction Inspector and shall be measured per each passed test.

“Test Holes”, per lump sum.

The lump sum contract price for “Test Holes” shall be full pay for all labor, equipment and materials required to perform the specified excavations including all flagging required to field verify existing utilities. Progress payment will be made based on the percentage completion of the total work encompassed within the lump sum item.

END OF SECTION

BID PROPOSAL

Addendum 2

SPECIFICATION NO. PW23-0241F

Streets Initiative Packages #24 & #35

The undersigned hereby certifies that he/she has examined the location and construction details of work as outlined on the Plans and Specifications for Project No. PWK-00434-24 & PWK-00434-35 and has read and thoroughly understands the Plans and Specifications and contract governing the work embraced in this improvement and the method by which payment will be made for said work, and hereby proposes to undertake and complete the work embraced in this improvement in accordance with said Plans, Specifications and contract and at the following schedule of rates and prices.

NOTE:

1. Unit prices of all items, all extensions and total amount of bid should be shown. Show unit prices in figures only.
2. The notations below the item numbers refer to the specification section where information may be found regarding each contract item. These notations are intended only as a guide and are not warranted to refer to all specification sections where information may be found.
3. The total base bid will be determined by adding the base bid of Schedule A and Schedule B and Schedule C and Schedule D.

All bid items are sorted in the following groups:

- **Schedule A: Roadway, Bid Items R1 – R83**
- **Schedule B: Wastewater, Bid Items WW1 – WW32**
- **Schedule C: Water, Bid Items W1 – W38**
- **Schedule D: Guardrail Repair G1 – G11**

Schedule A: Roadway Improvements (Rule 171)

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
R-1. 1-05	Roadway Surveying	1 Lump Sum	Lump Sum	\$_____
R-2. 1-05	Project Redline Drawings	1 Lump Sum	Lump Sum	\$_____
R-3. 1-07	SPCC Plan	1 Lump Sum	Lump Sum	\$_____
R-4. 1-09	Mobilization	1 Lump Sum	Lump Sum	\$_____
R-5. 1-10	Pedestrian Traffic Control	1 Lump Sum	Lump Sum	\$_____
R-6. 1-10	Project Temporary Traffic Control	1 Lump Sum	Lump Sum	\$_____
R-7. 2-01	Clearing and Grubbing	1 Lump Sum	Lump Sum	\$_____
R-8. 2-01	Certified Arborist	1 Lump Sum	Lump Sum	\$_____
R-9. 2-01	Certified Arborist Assessment Report Compliance	1 Force Account	Estimated	\$ <u>7,500.00</u>
R-10. 2-02	Test Hole	150 Lin. Ft.	\$_____	\$_____
R-11. 2-02	Existing Irrigation Systems	1 Force Account	Estimated	\$ <u>2,500.00</u>
R-12. 2-03	Roadway Excavation Incl. Haul	2154 Cu. Yd.	\$_____	\$_____
R-13. 2-03	Roadway Excavation of Contaminated Material, Incl. Haul	3414 Cu. Yd.	\$_____	\$_____
R-14. 2-03	Embankment Compaction	50 Cu. Yd.	\$_____	\$_____
R-15. 2-03	Gravel Borrow Incl. Haul	114 Cu. Yd.	\$_____	\$_____

Contractor's Name: _____

Specification No. PW23-0241F

Schedule A: Roadway Improvements (Rule 171)

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
R-16. 2-06	Subgrade Maintenance and Protection	1 Lump Sum	Lump Sum	\$_____
R-17. 2-09	Structure Excavation Class B	2233 Cu. Yd.	\$_____	\$_____
R-18. 2-09	Shoring or Extra Excavation Class B	16093 Sq. Ft.	\$_____	\$_____
R-19. 2-14	Remove Existing Pavement, Type I, Class A2	12523 Sq. Yd.	\$_____	\$_____
R-20. 2-14	Remove Existing Pavement, Type I, Class A4	5009 Sq. Yd.	\$_____	\$_____
R-21. 2-14	Remove Existing Pavement, Type I, Class C6	1638 Sq. Yd.	\$_____	\$_____
R-22. 2-14	Remove Existing Pavement, Type I, Class CA	250 Sq. Yd.	\$_____	\$_____
R-23. 2-15	Remove Curb	564 Lin. Ft.	\$_____	\$_____
R-24. 2-16	Remove Catch Basin	18 Each	\$_____	\$_____
R-25. 2-16	Remove Manhole	3 Each	\$_____	\$_____
R-26. 2-17	Site Health and Safety Plan	1 Lump Sum	Lump Sum	\$_____
R-27. 2-17	Site Health and Safety Officer	1 Lump Sum	Lump Sum	\$_____
R-28. 2-17	Soil Management Plan	1 Lump Sum	Lump Sum	\$_____
R-29. 4-04	Crushed Surfacing Top Course	1410 Ton	\$_____	\$_____
R-30. 4-04	Crushed Surfacing Base Course	5617 Ton	\$_____	\$_____

Contractor's Name: _____

Specification No. PW23-0241F

Schedule A: Roadway Improvements (Rule 171)

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
R-31. 4-04	Gravel Path	12 Ton	\$ _____	\$ _____
R-32. 5-04	Planing Bituminous Pavement	2539 Sq. Yd.	\$ _____	\$ _____
R-33. 5-04	HMA CL 1/2" PG 58H-22, per ton	3895 Ton	\$ _____	\$ _____
R-34. 5-04	HMA for Approach CL 3/8" PG 58H-22	1013 Sq. Yd.	\$ _____	\$ _____
R-35. 5-04	Temporary Pavement Patch	257 Ton	\$ _____	\$ _____
R-36. 7-05	Adjust Area Drain to Grade	2 Each	\$ _____	\$ _____
R-37. 7-05	Adjust Existing Catch Basin	8 Each	\$ _____	\$ _____
R-38. 7-05	Adjust Existing Manhole	25 Each	\$ _____	\$ _____
R-39. 7-05	Adjust Existing Valve Chamber to Grade	39 Each	\$ _____	\$ _____
R-40. 7-05	Catch Basin Type 1	38 Each	\$ _____	\$ _____
R-41. 7-05	Catch Basin Type 2, 48 In. Diam.	1 Each	\$ _____	\$ _____
R-42. 7-05	Manhole 48 In. Diam. Type 1	9 Each	\$ _____	\$ _____
R-43. 7-05	Manhole Additional Height 48 In. Diam. Type 1	4 Lin. Ft.	\$ _____	\$ _____
R-44. 7-05	Reconnect Existing Sewer Pipe, 8-In. Diam., to New Structure	5 Each	\$ _____	\$ _____
R-45. 7-05	Reconnect Existing Sewer Pipe, 6-In. Diam., to New Structure	1 Each	\$ _____	\$ _____

Contractor's Name: _____

Specification No. PW23-0241F

Schedule A: Roadway Improvements (Rule 171)

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
R-46. 7-05	Reconnect Existing Sewer Pipe, 12-In. Diam., to New Structure	2 Each	\$ _____	\$ _____
R-47. 7-05	Reconnect Existing Sewer Pipe, 10-In. Diam., to New Structure	4 Each	\$ _____	\$ _____
R-48. 7-05	Connect New Sewer Pipe, 12-In Diam., to Existing Structure	7 Each	\$ _____	\$ _____
R-49. 7-05	Contech StormFilter Manhole 60-In. Diam., with 4 StormFilter Cartridges	2 Each	\$ _____	\$ _____
R-50. 7-08	CDF for Pipe Abandonment	7 Cu. Yd.	\$ _____	\$ _____
R-51. 7-08	Temporary Storm Sewer Bypass	1 Lump Sum	Lump Sum	\$ _____
R-52. 7-08	Temporary Storm Sewer Bypass plan	1 Lump Sum	Lump Sum	\$ _____
R-53. 7-17	Removal and Replacement of Unsuitable Material Incl. Haul	1273 Cu. Yd.	\$ _____	\$ _____
R-54. 7-17	Removal and Replacement of Unsuitable Contaminated Material, Incl. Haul	387 Cu. Yd.	\$ _____	\$ _____
R-55. 7-17	Pipe Zone Contaminated Material Haul	187 Cu. Yd.	\$ _____	\$ _____
R-56. 7-17	Ductile Iron Sewer Pipe 6 In. Diam.	58 Lin. Ft.	\$ _____	\$ _____
R-57. 7-17	Ductile Iron Sewer Pipe 12 In. Diam.	453 Lin. Ft.	\$ _____	\$ _____
R-58. 7-17	PVC Storm Sewer Pipe 12 In. Diam.	2360 Lin. Ft.	\$ _____	\$ _____
R-59. 7-17	Testing Sewer Pipe	2871 Lin. Ft.	\$ _____	\$ _____

Contractor's Name: _____

Specification No. PW23-0241F

Schedule A: Roadway Improvements (Rule 171)

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
R-60. 7-20	Residential Storm Drain Through Curb	85 Lin. Ft.	\$ _____	\$ _____
R-61. 8-01	Erosion/Water Pollution Control	1 Lump Sum	Lump Sum	\$ _____
R-62. 8-01	Stormwater Pollution Prevention Plan (SWPPP)	1 Lump Sum	Lump Sum	\$ _____
R-63. 8-01	NPDES Construction Stormwater General Permit	1 Lump Sum	Lump Sum	\$ _____
R-64. 8-02	Site Restoration	1 Lump Sum	Lump Sum	\$ _____
R-65. 8-02	Topsoil Type A	581 Cu. Yd.	\$ _____	\$ _____
R-66. 8-02	Seeded Lawn Installation	3410 Sq. Yd.	\$ _____	\$ _____
R-67. 8-02	Quarry Spalls for Slope Restoration	405 Ton	\$ _____	\$ _____
R-68. 8-04	Cement Conc. Traffic Curb and Gutter	5792 Lin. Ft.	\$ _____	\$ _____
R-69. 8-04	Mountable Cement Conc. Curb and Gutter, Type D	45 Lin. Ft.	\$ _____	\$ _____
R-70. 8-04	Pedestrian Curb	15 Lin. Ft.	\$ _____	\$ _____
R-71. 8-06	Cement Conc. Driveway Entrance	1117 Sq. Yd.	\$ _____	\$ _____
R-72. 8-11	Removing and Resetting Beam Guardrail	60 Lin. Ft.	\$ _____	\$ _____
R-73. 8-13	Poured Monument	7 Each	\$ _____	\$ _____
R-74. 8-14	Cement Conc. Sidewalk	637 Sq. Yd.	\$ _____	\$ _____

Contractor's Name: _____

Specification No. PW23-0241F

Schedule A: Roadway Improvements (Rule 171)

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
R-75. 8-14	Cement Conc. Sidewalk with Score Pattern	40 Sq. Yd.	\$_____	\$_____
R-76. 8-14	Cement Conc. Curb Ramp	88 Each	\$_____	\$_____
R-77. 8-14	Detectable Warning Surface	20 Sq. Ft.	\$_____	\$_____
R-78. 8-18	Mailbox Support	15 Each	\$_____	\$_____
R-79. 8-21	Permanent Roadway Terminus	1 Each	\$_____	\$_____
R-80. 8-21	Permanent Signing	1 Lump Sum	Lump Sum	\$_____
R-81. 8-22	Plastic Line	1700 Lin. Ft.	\$_____	\$_____
R-82. 8-32	Concrete Border	25 Lin. Ft.	\$_____	\$_____
R-83. 8-32	Artificial Turf	44 Sq. Yd.	\$_____	\$_____
Roadway Base Bid Total				
(Bid Items No. R1 – R83)			\$_____ (1)	

SCHEDULE B ON FOLLOWING PAGE

Schedule B: Wastewater Improvements (Rule 170)

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
WW-1. 1-05	Roadway Surveying	1 Lump Sum	Lump Sum	\$_____
WW-2. 1-05	Project Redline Drawings	1 Lump Sum	Lump Sum	\$_____
WW-3. 1-07	SPCC Plan	1 Lump Sum	Lump Sum	\$_____
WW-4. 1-09	Mobilization	1 Lump Sum	Lump Sum	\$_____
WW-5. 1-10	Pedestrian Traffic Control	1 Lump Sum	Lump Sum	\$_____
WW-6. 1-10	Project Temporary Traffic Control	1 Lump Sum	Lump Sum	\$_____
WW-7. 2-01	Clearing and Grubbing	1 Lump Sum	Lump Sum	\$_____
WW-8. 2-01	Certified Arborist	1 Lump Sum	Lump Sum	\$_____
WW-9. 2-02	Removal of Structures and Obstructions	1 Lump Sum	Lump Sum	\$_____
WW-10. 2-09	Structure Excavation Class B	6619 Cu. Yd.	\$_____	\$_____
WW-11. 2-09	Shoring or Extra Excavation Class B	54507 Sq. Ft.	\$_____	\$_____
WW-12. 2-16	Remove Manhole	9 Each	\$_____	\$_____
WW-13. 5-04	Temporary Pavement Patch	590 Ton	\$_____	\$_____
WW-14. 7-05	Manhole 48 In. Diam. Type 1	21 Each	\$_____	\$_____
WW-15. 7-05	Manhole Additional Height 48 In. Diam. Type 1	35 Lin. Ft.	\$_____	\$_____

Contractor's Name: _____

Specification No. PW23-0241F

Schedule B: Wastewater Improvements (Rule 170)

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
WW-16. 7-05	Reconnect Existing Sewer Pipe, 10-In. Diam., to New Structure	3 Each	\$ _____	\$ _____
WW-17. 7-05	Connect New Sewer Pipe, 10-In Diam., to Existing Structure	7 Each	\$ _____	\$ _____
WW-18. 7-05	Connect New Sewer Pipe, 8-In Diam., to Existing Structure	1 Each	\$ _____	\$ _____
WW-19. 7-08	CDF for Pipe Abandonment	2 Cu. Yd.	\$ _____	\$ _____
WW-20. 7-08	Temporary Sanitary Sewer Bypass	1 Lump Sum	Lump Sum	\$ _____
WW-21. 7-08	Temporary Sanitary Sewer Bypass plan	1 Lump Sum	Lump Sum	\$ _____
WW-22. 7-17	Removal and Replacement of Unsuitable Material Incl. Haul	3648 Cu. Yd.	\$ _____	\$ _____
WW-23. 7-17	Removal and Replacement of Unsuitable Contaminated Material, Incl. Haul	2114 Cu. Yd.	\$ _____	\$ _____
WW-24. 7-17	Pipe Zone Contaminated Material Haul	60 Cu. Yd.	\$ _____	\$ _____
WW-25. 7-17	PVC Sanitary Sewer Pipe 10 In. Diam.	3313 Lin. Ft.	\$ _____	\$ _____
WW-26. 7-17	PVC Sanitary Sewer Pipe 8 In. Diam.	911 Lin. Ft.	\$ _____	\$ _____
WW-27. 7-17	PVC Sanitary Sewer Pipe 6 In. Diam.	964 Lin. Ft.	\$ _____	\$ _____
WW-28. 7-17	PVC Sanitary Sewer Pipe C900 6 In. Diam.	434 Lin. Ft.	\$ _____	\$ _____
WW-29. 7-17	Testing Sewer Pipe	5152 Lin. Ft.	\$ _____	\$ _____
WW-30. 7-19	Sewer Cleanout	76 Each	\$ _____	\$ _____

Contractor's Name: _____

Specification No. PW23-0241F

Schedule B: Wastewater Improvements (Rule 170)

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
WW-31. 8-01	Erosion/Water Pollution Control	1 Lump Sum	Lump Sum	\$_____
WW-32. 8-02	Site Restoration	1 Lump Sum	Lump Sum	\$_____
Wastewater Base Bid Total				
(Bid Items No. WW1 – WW32)			\$_____	(2)

SCHEDULE C ON FOLLOWING PAGE

Schedule C: Water Improvements (Rule 170)

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
W-1. 1-09.7	Mobilization (1-09.7)	1 Lump Sum	Lump Sum	\$_____
W-2. 1-10	Project Temporary Traffic Control (1-10)	1 Lump Sum	Lump Sum	\$_____
W-3. 2-02.3(3)	Removal/Disposal of existing asphalt, concrete sidewalk/curbing & concrete pavement. Includes all thicknesses and combinations (2-02.3(3))	739 Sq. Yd.	\$_____	\$_____
W-4. 5-04	Temporary HMA Class ½" PG58-22, 2-inch minimum depth, installed & removed (5-04 & 9-03.8)	706 Sq. Yd.	\$_____	\$_____
W-5. 5-04	HMA CI ½" PG58-22 pavement for permanent trench patch (5-04 & 9-03.8)-6" in Depth	10 Ton	\$_____	\$_____
W-6. 7-09	Crushed Surfacing Top Course for trench backfill (7-09.5 & 9-03.9(3))	1576 Ton	\$_____	\$_____
W-7. 7-17	Storm, Sanitary, Side Sewer Restoration (7-04,7-09.5, 7-17, & 7-18)	8 Each	\$_____	\$_____
W-8. 7-09	Trench Excavation of Contaminated Material, Incl. Haul to LRI (2-17 & 7-09.5)	617 Cu. Yd.	\$_____	\$_____
W-9. 7-09	Trench Excavation & Disposal (7-09.3(7) & 7-09.5)	347 Cu. Yd.	\$_____	\$_____
W-10. 7-09	Trench Shoring (7-09.3(7) & 7-09.5)	2017 Lin. Ft.	\$_____	\$_____
W-11. 7-09	8-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C15 Special Class Thickness No. 52, to furnish, lay and test, (7-09.3(15)A, 7-09.5 & 9-30.1(1))	235 Lin. Ft.	\$_____	\$_____

Contractor's Name: _____

Specification No. PW23-0241F

Schedule C: Water Improvements (Rule 170)

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
W-12. 7-09	6-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Class Thickness No. 52, to furnish, lay and test, (7-09.3(15)A, 7-09.5 & 9-30.1(1))	1960 Lin. Ft.	\$ _____	\$ _____
W-13. 7-05	8-inch x 6-inch Ductile Iron Reducer, 2-B, M.J., w/ anchor, installed (7-09.5 & 9-30.2(1))	1 Each	\$ _____	\$ _____
W-14. 7-09	8-inch x 6-inch Ductile Iron Tee, 3-B, M.J., installed (9-30.2(1))	1 Each	\$ _____	\$ _____
W-15. 7-09	6-inch Ductile Iron Tee, 3-B, M.J., installed (9-30.2(1))	3 Each	\$ _____	\$ _____
W-16. 7-09	8-inch Ductile Iron Ell, M.J., 45°, installed. (7-09, & 9-30.2(1))	2 Each	\$ _____	\$ _____
W-17. 7-09	6-inch Ductile Iron Ell, M.J., 45°, installed. (7-09, & 9-30.2(1))	12 Each	\$ _____	\$ _____
W-18. 7-09	6-inch Ductile Iron Ell, M.J., 22-1/2°, installed. (7-09, & 9-30.2(1))	4 Each	\$ _____	\$ _____
W-19. 7-09	6-inch Ductile Iron Ell, M.J., 11-1/4°, installed. (7-09, & 9-30.2(1))	1 Each	\$ _____	\$ _____
W-20. 7-09	6-inch Vertical Ductile Iron Ell, M.J., 22-1/2°, installed. (7-09, & 9-30.2(1))	2 Each	\$ _____	\$ _____
W-21. 7-09	8-inch Transition Coupling with 7-inch center ring, epoxy coating, and stainless steel bolts, C.I. to D.I., installed (7-09.3(19)A, 7-09.5 & 9-30.2(7))	1 Each	\$ _____	\$ _____

Contractor's Name: _____

Specification No. PW23-0241F

Schedule C: Water Improvements (Rule 170)

<u>ITEM NO.</u>	<u>ITEM DESCRIPTION</u>	<u>ESTIMATED QUANTITY</u>	<u>UNIT PRICE</u>	<u>TOTAL AMOUNT</u>
W-22. 7-09	6-inch Transition Coupling with 7-inch center ring, epoxy coating, and stainless steel bolts, C.I. to D.I., installed (7-09.3(19)A, 7-09.5 & 9-30.2(7))	3 Each	\$ _____	\$ _____
W-23. 7-09	8-inch Ductile Iron Cap, M.J., tapped 2", installed and removed (9-30.2(1) & 7-09.5)	1 Each	\$ _____	\$ _____
W-24. 7-09	6-inch Ductile Iron Cap, M.J., tapped 2", installed and removed (9-30.2(1) & 7-09.5)	4 Each	\$ _____	\$ _____
W-25. 7-09	Temporary 2-inch Blow-Off Assembly, installed and removed (Dwg. 17-56-1) (7-09.3(22) & 7-09.5)	5 Each	\$ _____	\$ _____
W-26. 7-09	8-inch Mechanical Joint Restraining Glands (7-14, 7-09.5 & 9-30.2(6))	6 Each	\$ _____	\$ _____
W-27. 7-09	6-inch Mechanical Joint Restraining Glands (7-14, 7-09.5 & 9-30.2(6))	8 Each	\$ _____	\$ _____
W-28. 7-09	Concrete Thrust Anchor, installed. (7-09.3(21) & 7-09.5)	21 Each	\$ _____	\$ _____
W-29. 7-09	Temporary Concrete Thrust Anchor, installed and removed (7-09.3(21) & 7-09.5)	5 Each	\$ _____	\$ _____
W-30. 7-10	12-inch PVC casing, AWWA C-900, DR 25, including insulating casing spacers and end seals for 6-inch DI pipe (7-10)	311 Lin. Ft.	\$ _____	\$ _____
W-31. 7-09	Trench Compaction Test (as directed by the Inspector) (7-09.3(11) & 7-09.5)	40 Each	\$ _____	\$ _____
W-32. 7-09	Test Holes (7-09.3(6) & 7-09.5)	1 Lump Sum	Lump Sum	\$ _____

Contractor's Name: _____

Specification No. PW23-0241F

Schedule C: Water Improvements (Rule 170)

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
W-33. 7-12	8-inch Gate Valve, M.J., ANSI/AWWA, C509/515, with C.I. Valve Box (7-12 & 9.30.3)	1 Each	\$ _____	\$ _____
W-34. 7-12	6-inch Gate Valve, M.J., ANSI/AWWA, C509/515, with C.I. Valve Box (7-12 & 9.30.3)	10 Each	\$ _____	\$ _____
W-35. 7-14	6-inch Hydrant, M.J., 5.0-ft bury, with 4-inch Tacoma Standard Threads & 5-inch Quick Coupling (7-14 & 9-30.5(2))	2 Each	\$ _____	\$ _____
W-36. 8-01.3(8)	Street cleaning with Self-propelled Pickup and Vacuum Street Sweeper Equipment. (8-01.3(8))	25 Hour	\$ _____	\$ _____
W-37. 8-22	Traffic Lane Markings (8-22)	1 Lump Sum	Lump Sum	\$ _____
W-38. 1-09.6	Force Account (1-09.6)	1 Force Account	Estimated	\$ <u>40,000.00</u>

Water Base Bid Total

(Bid Items No. W1 – W38) \$ _____(3)

SCHEDULE D ON FOLLOWING PAGE

Schedule D: Guardrail Repair (Part 171)

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
G-1. 1-09	Mobilization	1 Lump Sum	Lump Sum	\$_____
G-2. 1-10	Pedestrian Traffic Control	1 Lump Sum	Lump Sum	\$_____
G-3. 1-10	Project Temporary Traffic Control	1 Lump Sum	Lump Sum	\$_____
G-4. 2-01	Clearing and Grubbing	1 Lump Sum	Lump Sum	\$_____
G-5. 8-01	Erosion/Water Pollution Control	1 Lump Sum	Lump Sum	\$_____
G-6. 8-01	Stormwater Pollution Prevention Plan (SWPPP)	1 Lump Sum	Lump Sum	\$_____
G-7. 8-02	Site Restoration	1 Lump Sum	\$_____	\$_____
G-8. 8-11	Remove Crash Cushion	1 Each	\$_____	\$_____
G-9. 8-11	Valtir Quadguard M10 (TL-2) Crash Cushion	1 Each	\$_____	\$_____
G-10. 8-11	Removing Guardrail Anchor	4 Each	\$_____	\$_____
G-11. 8-11	Beam Guardrail Type 31 Non-Flared Terminal	4 Each	\$_____	\$_____
Guardrail Base Bid Total (Bid Items No. G1 – G11)				\$_____(4)
TOTAL BASE BID (1) + (2) + (3) + (4) (Not Including Sales Tax)				\$_____(5)

Proposal for Incorporating Recycled Materials into the Project on following page.

Contractor's Name: _____
 Specification No. PW23-0241F
 Page 15 of 16

Proposal for Incorporating Recycled Materials into the Project

In compliance with RCW 70A.205.700, the Bidder shall propose below, the total percent of construction aggregate and concrete materials to be incorporated into the Project that are recycled materials. Calculated percentages must be within the amounts allowed in Section 9-03.21(1)E, Table on Maximum Allowable Percent (By Weight) of Recycled Material, of the Standard Specifications.

Proposed total percentage: _____ percent.

Note: Use of recycled materials is highly encouraged within the limits shown above, but does not constitute a Bidder Preference, and will not affect the determination of award, unless two or more lowest responsive Bid totals are exactly equal, in which case proposed recycling percentages will be used as a tie-breaker, per the APWA GSP in Section 1-03.1 of the Special Provisions. Regardless, the Bidder's stated proposed percentages will become a goal the Contractor should do its best to accomplish. Bidders will be required to report on recycled materials actually incorporated into the Project, in accordance with the APWA GSP in Section 1-06.6 of the Special Provisions.

Bidder: _____

Signature of Authorized Official: _____

Date: _____