City of Tacoma

Environmental Services Department

ADDENDUM NO. 2 **DATE:** February 7, 2023

REVISIONS TO:
Request for Bids Specification No. ES20-0144F
Larchmont District Green Infrastructure Project

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 PROPOSAL PAGES:

- **Revision to Section D-1 Bid Item W7**

  The quantity for bid item number W7 in Section D-1 has been changed to 1,500 LF.

- **Revision to Section D-1 Bid Item W9**

  The quantity for bid item number W9 in Section D-1 has been changed to 400 LF.

- **Revision to Section D-2 Bid Item W6**

  The description for bid item number W6 in Section D-2 has been changed to the following:

  8-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Class Thickness No. 52, to furnish, lay and test, **(Unit price to include Trench Excavation & Trench Backfill)**

  *The attached Bid Proposal has been revised to reflect the changes above and is labeled “Addendum No. 2”. The bidder shall insert the revised Proposal into the Bid Submittal Package and must use it in place of the original.

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. ES20-0144F 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: Jordan Ennis / Environmental Services, Troy Saghafi / Tacoma Water

B I D P R O P O S A L

Specification No. ES20-0144F

Larchmont District Green Infrastructure Project

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. ES20-0144F 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. Washington State Department of Revenue Rules 170 and 171 shall apply as shown in the Proposal and per Section 1-07.2 of the WSDOT State Amendments to the Standard Specifications. **Items marked with a * signifies both rules may apply**.

SCHEDULE A: ROADWAY IMPROVEMENTS (Rule 171)

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
R1.* 1-05	Project Red Line Drawings	1 Lump Sum	Lump Sum	$ _____
R2.* 1-07	SPCC Plan	1 Lump Sum	Lump Sum	$ _____
R3.* 1-09	Mobilization	1 Lump Sum	Lump Sum	$ _____
R4.* 1-10	Project Temporary Traffic Control	1 Lump Sum	Lump Sum	$ _____
R5.* 1-10	Pedestrian Traffic Control	1 Lump Sum	Lump Sum	$ _____

Contractor's Name: _____

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
R6. 2-01	Clearing and Grubbing	1 Lump Sum	Lump Sum	$ _____
R7. 2-01	Certified Arborist	1 Force Account	Estimated	$ 20,000
R8. 2-02	Removal of Structures and Obstructions	1 Lump Sum	Lump Sum	$ _____
R9. 2-02	Removal and Reinstall Existing Fences	1 Force Account	Estimated	$ 30,000
R10. 2-02	Repair Existing Irrigation Systems	1 Force Account	Estimated	$ 10,000
R11. 2-03	Roadway Excavation, Incl. Haul	23,000 Cu. Yd.	$ _____	$ _____
R12. 2-12	Construction Geotextile for Separation	30,000 Sq. Yd.	$ _____	$ _____
R13. 2-13	Remove Tree, Class 0	9 Each	$ _____	$ _____
R14. 2-13	Remove Tree, Class I	2 Each	$ _____	$ _____
R15. 2-13	Remove Tree, Class II	4 Each	$ _____	$ _____
R16. 2-13	Remove Stump, Class II	4 Each	$ _____	$ _____
R17. 2-13	Remove Tree, Class III	1 Each	$ _____	$ _____
R18. 2-13	Remove Stump, Class III	1 Each	$ _____	$ _____
R19. 2-13	Remove Shrub	26 Each	$ _____	$ _____
R20. 2-13	Remove Brush	40 Sq. Yd.	$ _____	$ _____
R21. 2-14	Remove Existing Pavement, Type II, Class A4	18,750 Sq. Yd.	$ _____	$ _____

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
R22. 2-14	Remove Existing Pavement, Type II, Class C6	1,120 Sq. Yd.	$ _____	$ _____
R23. 2-15	Remove Curb and Gutter	1,300 Lin. Ft.	$ _____	$ _____
R24. 4-04	Crushed Surfacing Top Course	380 Ton	$ _____	$ _____
R25. 4-04	Crushed Surfacing Base Course	2,750 Ton	$ _____	$ _____
R26. 4-04	Permeable Ballast	20,500 Ton	$ _____	$ _____
R27. 4-06	Asphalt Treated Permeable Base, PG 70-22ER	2,300 Ton	$ _____	$ _____
R28. 5-04	Fiber Reinforced PHMA Cl. 1/2" PG 58H-22	3,200 Ton	$ _____	$ _____
R29. 5-04	HMA Cl. 1/2" PG 58H-22	820 Ton	$ _____	$ _____
R30. 5-04	HMA for Approach Cl. 1/2" PG 58H-22	800 Sq. Yd.	$ _____	$ _____
R31. 5-04	Planning Bituminous Pavement	840 Sq. Yd.	$ _____	$ _____
R32. 7-05	Adjust Existing Manhole	22 Each	$ _____	$ _____
R33. 7-05	Adjust Existing Manhole, Remove and Reinstall Cone/Flat Top	6 Each	$ _____	$ _____
R34. 7-05	Adjust Existing Manhole, Furnish and Install Cone/Flat Top	1 Each	$ _____	$ _____
R35. 7-05	Adjust Existing Catch Basin	2 Each	$ _____	$ _____
R36. 7-05	Adjust Existing Valve Chamber to Grade	6 Each	$ _____	$ _____
R37. 7-05	Adjust Existing Utility Grade	2 Each	$ _____	$ _____

Contractor's Name: _____

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
R38. 7-20	Residential Storm Drain	10 Each	$ _____	$ _____
R39.* 8-01	Stormwater Pollution Prevention Plan (SWPPP)	1 Lump Sum	Lump Sum	$ _____
R40.* 8-01	NPDES Construction Stormwater General Permit	1 Lump Sum	Lump Sum	$ _____
R41.* 8-01	Inlet Protection	63 Each	$ _____	$ _____
R42.* 8-01	Street Cleaning	200 Hour	$ _____	$ _____
R43.* 8-01	Erosion/Water Pollution Control	1 Force Account	Estimated	$ 20,000
R44. 8-02	Tree Protection	1 Lump Sum	Lump Sum	$ _____
R45. 8-02	Landscape Restoration	Force Account	Estimated	$ 50,000
R46. 8-02	Plant Selection Type American Hornbeam (Carpinus Caroliniana)	58 Each	$ _____	$ _____
R47. 8-02	Plant Selection Type Japanese White Pine (Pinus Parviflora)	55 Each	$ _____	$ _____
R48. 8-02	Plant Selection Type Cascara (Rhamnus Purshiana)	56 Each	$ _____	$ _____
R49. 8-02	Plant Selection Type Japanese Zelkova (Zelkova Serrata)	20 Each	$ _____	$ _____
R50. 8-02	Plant Selection Type Deodar Cedar (Cedrus Deodara)	21 Each	$ _____	$ _____
R51. 8-02	Plant Selection Type Garry Oak (Quercus Garryana)	18 Each	$ _____	$ _____
R52. 8-02	Plant Selection Type Dawn Redwood (Metasequoia Glyptostroboides)	1 Each	$ _____	$ _____
R53. 8-02	Plant Selection Type London Plane (Platanus X Acerfolia)	1 Each	$ _____	$ _____

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
R54. 8-02	Soil Amendment Option 4	2,630 C.Y.	$ _____	$ _____
R55. 8-02	Bark or Wood Chip Mulch	70 C.Y.	$ _____	$ _____
R56. 8-02	Seeded Lawn Installation	6,020 Sq. Yd.	$ _____	$ _____
R57. 8-04	Cement Conc. Traffic Curb and Gutter	1,000 Lin. Ft.	$ _____	$ _____
R58. 8-04	Cement Conc. Traffic Curb	10,370 Lin. Ft.	$ _____	$ _____
R59. 8-04	Pavement Separation Barrier Curb	400 Lin. Ft.	$ _____	$ _____
R60. 8-06	Cement Conc. Driveway Entrance Type 1	1,720 Sq. Yd.	$ _____	$ _____
R61. 8-06	Cement Conc. Driveway Entrance Type 2	350 Sq. Yd.	$ _____	$ _____
R62. 8-09	Raised Pavement Marker Type 2	1 HN	$ _____	$ _____
R63. 8-13	Poured Monument	6 Each	$ _____	$ _____
R64. 8-14	Cement Conc. Sidewalk	4,500 Sq. Yd.	$ _____	$ _____
R65. 8-14	Cement Conc. Curb Ramp	48 Each	$ _____	$ _____
R66. 8-14	Detectable Directional Tile	100 Lin. Ft.	$ _____	$ _____
R67. 8-18	Relocate Mailbox	106 Each	$ _____	$ _____
R68. 8-20	Traffic Infrastructure	1 Lump Sum	Lump Sum	$ _____
R69. 8-21	Permanent Signing	1 Lump Sum	Lump Sum	$ _____

Contractor's Name: _____

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
R70. 8-22	Paint Line	540 Lin. Ft.	$ _____	$ _____
R71. 8-22	Plastic Stop Line	115 Lin. Ft.	$ _____	$ _____
R72. 8-22	Plastic Crosswalk Line	750 Lin. Ft.	$ _____	$ _____
R73. 8-22	Plastic Traffic Arrow	2 Each	$ _____	$ _____
R74. 8-22	Plastic Traffic Letter	36 Each	$ _____	$ _____
R75. 8-22	Plastic Bicycle Lane Symbol	1 Each	$ _____	$ _____
R76. 8-22	Plastic Sharrow Symbol	35 Each	$ _____	$ _____
R77. 8-22	Plastic Chevron	2 Each	$ _____	$ _____
R78. 8-22	Green Durable Product	50 Sq. Ft.	$ _____	$ _____
R79. 8-26	Traffic Circle	1 Each	$ _____	$ _____
R80. 8-27	Traffic Diverter	1 Each	$ _____	$ _____

SCHEDULE B1: STORM SEWER IMPROVEMENTS (Rule 171)

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
S1. 2-09	Structure Excavation Class B	1,745 C.Y.	$ _____	$ _____
S2. 2-09	Shoring or Extra Excavation Class B	18,180 Sq. Ft.	$ _____	$ _____
S3. 2-15	Remove Catch Basin	29 Each	$ _____	$ _____
S4. 2-15	Remove Manhole	1 Each	$ _____	$ _____
S5. 5-04	HMA Cl. 1/2" PG 58H-22 for Pavement Patch	70 Ton	$ _____	$ _____
S6. 5-04	Temporary Pavement Patch	135 Ton	$ _____	$ _____
S7. 7-05	Manhole 48-In. Diam. Type 1	12 Each	$ _____	$ _____
S8. 7-05	Manhole 48-In. Diam. Type 3	4 Each	$ _____	$ _____
S9. 7-05	Manhole Additional Height 48-In. Diam. Type 1	2 Lin. Ft.	$ _____	$ _____
S10. 7-05	Catch Basin Type 1	8 Each	$ _____	$ _____
S11. 7-05	Catch Basin Type 1 with Combination Inlet	16 Each	$ _____	$ _____
S12. 7-05	Catch Basin Type 2 48-In. Diam.	3 Each	$ _____	$ _____
S13. 7-05	Concrete Inlet with Frame and Hood	1 Each	$ _____	$ _____
S14. 7-05	Connect New Sewer Pipe 12-In. Diam. to Existing Structure	6 Each	$ _____	$ _____
S15. 7-05	Connect New Sewer Pipe 18-In. Diam. to Existing Structure	1 Each	$ _____	$ _____

Contractor's Name: _____

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
S16. 7-05	Reconnect Existing Sewer Pipe 4-In. Diam. to New Structure	1 Each	$ _____	$ _____
S17. 7-05	Reconnect Existing Sewer Pipe 8-In. Diam. to New Structure	8 Each	$ _____	$ _____
S18. 7-05	Reconnect Existing Sewer Pipe 10-In. Diam. to New Structure	2 Each	$ _____	$ _____
S19. 7-08	Reconnect Existing Sewer Pipe 12-In. Diam. to New Structure	2 Each	$ _____	$ _____
S20. 7-05	Reconnect Existing Sewer Pipe 18-In. Diam. to New Structure	4 Each	$ _____	$ _____
S21. 7-08	Plugging Existing Pipe	4 Each	$ _____	$ _____
S22. 7-08	CDF for Pipe Abandonment	6 Cu. Yd.	$ _____	$ _____
S23. 7-08	Underground Utility Potholing	5 Each	$ _____	$ _____
S24. 7-08	Temporary Storm Sewer Bypass Plan	1 Lump Sum	Lump Sum	$ _____
S25. 7-08	Temporary Storm Sewer Bypass	1 Lump Sum	Lump Sum	$ _____
S26. 7-17	PVC Sanitary Sewer Pipe 12-In. Diam.	745 Lin. Ft.	$ _____	$ _____
S27. 7-17	PVC Storm Sewer Pipe 18-In. Diam.	30 Lin. Ft.	$ _____	$ _____
S28. 7-17	Ductile Iron Sewer Pipe 12-In. Diam.	2,175 Lin. Ft.	$ _____	$ _____
S29. 7-17	Removal and Replacement of Unsuitable Material	955 Cu. Yd.	$ _____	$ _____
S30. 7-17	Testing Sewer Pipe	2,950 Lin. Ft.	$ _____	$ _____

SCHEDULE B2: STORM SEWER IMPROVEMENTS (Rule 171) – E 86TH ST

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
S1. 2-09	Structure Excavation Class B	10 Cu. Yd.	$ _____	$ _____
S2. 5-04	Temporary Pavement Patch	2 Ton	$ _____	$ _____
S3. 7-17	Ductile Iron Sewer Pipe 8-In. Diam.	55 Lin. Ft.	$ _____	$ _____
S4. 7-17	Removal and Replacement of Unsuitable Material	1 Cu. Yd.	$ _____	$ _____

SCHEDULE C1: WASTEWATER SEWER IMPROVEMENTS (Rule 170) – E 86TH ST

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
WW1. 2-09	Structure Excavation Class B	1,035 Cu. Yd.	$ _____	$ _____
WW2. 2-09	Shoring or Extra Excavation Class B	6,135 Sq. Ft.	$ _____	$ _____
WW3. 2-14	Remove Existing Pavement, Type II, Class A4	500 Sq. Yd.	$ _____	$ _____
WW4. 4-04	Crushed Surfacing Top Course	225 Ton	$ _____	$ _____
WW5. 5-04	Temporary Pavement Patch	35 Ton	$ _____	$ _____
WW6. 7-05	Manhole 48-In. Diam. Type 1	2 Each	$ _____	$ _____
WW7. 7-05	Manhole Additional Height 48-In. Diam. Type 1	1 Lin. Ft.	$ _____	$ _____
WW8. 7-05	Connect New Sewer Pipe 8-In. Diam. to Existing Structure	2 Each	$ _____	$ _____
WW9. 7-05	Reconnect Existing Sewer Pipe 8-In. Diam. to New Structure	1 Each	$ _____	$ _____
WW10. 7-08	Plugging Existing Pipe	5 Each	$ _____	$ _____
WW11. 7-08	CDF for Pipe Abandonment	4 Cu. Yd.	$ _____	$ _____
WW12. 7-08	Underground Utility Potholing	1 Each	$ _____	$ _____
WW13. 7-08	Temporary Sanitary Sewer Bypass Plan	1 Lump Sum	Lump Sum	$ _____
WW14. 7-08	Temporary Sanitary Sewer Bypass	1 Lump Sum	Lump Sum	$ _____
WW15. 7-17	C900 PVC Sanitary Sewer Pipe 6-In. Diam.	125 Lin. Ft.	$ _____	$ _____

Contractor's Name: _____

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
WW16. 7-17	PVC Sanitary Sewer Pipe 6-In. Diam.	55 Lin. Ft.	$ _____	$ _____
WW17. 7-17	PVC Sanitary Sewer Pipe 8-In. Diam.	415 Lin. Ft.	$ _____	$ _____
WW18. 7-17	Removal and Replacement of Unsuitable Material	870 Cu. Yd.	$ _____	$ _____
WW19. 7-17	Testing Sewer Pipe	1,025 Lin. Ft.	$ _____	$ _____
WW20. 7-19	Sewer Cleanout	7 Each	$ _____	$ _____

SCHEDULE C2: WASTEWATER SEWER IMPROVEMENTS (Rule 170) – S WALTERS RD

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
WW1. 2-09	Structure Excavation Class B	925 Cu. Yd.	$ _____	$ _____
WW2. 2-09	Shoring or Extra Excavation Class B	5,210 Sq. Ft.	$ _____	$ _____
WW3. 2-14	Remove Existing Pavement, Type II, Class A4	450 Sq. Yd.	$ _____	$ _____
WW4. 4-04	Crushed Surfacing Top Course	205 Ton	$ _____	$ _____
WW5. 5-04	Temporary Pavement Patch	30 Ton	$ _____	$ _____
WW6. 7-05	Connect New Sewer Pipe 12-In. Diam. to Existing Structure	2 Each	$ _____	$ _____
WW7. 7-08	Underground Utility Potholing	1 Each	$ _____	$ _____
WW8. 7-08	Temporary Sanitary Sewer Bypass Plan	1 Lump Sum	Lump Sum	$ _____
WW9. 7-08	Temporary Sanitary Sewer Bypass	1 Lump Sum	Lump Sum	$ _____
WW10. 7-17	PVC Sanitary Sewer Pipe 6-In. Diam.	45 Lin. Ft.	$ _____	$ _____
WW11. 7-17	PVC Sanitary Sewer Pipe 12-In. Diam.	370 Lin. Ft.	$ _____	$ _____
WW12. 7-17	Removal and Replacement of Unsuitable Material	780 Cu. Yd.	$ _____	$ _____
WW13. 7-17	Testing Sewer Pipe	415 Lin. Ft.	$ _____	$ _____
WW14. 7-19	Sewer Cleanout	4 Each	$ _____	$ _____

Contractor's Name: _____

SCHEDULE D1: WATER MAIN IMPROVEMENTS (Rule 170)

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
W1. 1-09	Mobilization	1 Lump Sum	Lump Sum	$ _____
W2. 1-10	Project Temporary Traffic Control	1 Lump Sum	Lump Sum	$ _____
W3. 2-02	Removal/Disposal of existing asphalt, concrete sidewalk/curbing & concrete pavement (includes all thicknesses and combinations)	2,300 Sq. Yd.	$ _____	$ _____
W4. 5-04 9-03	Temporary HMA Class 1/2" PG58-22, 2-inch minimum depth, installed & removed	2,300 Sq. Yd.	$ _____	$ _____
W5. 7-04 7-09 7-17 7-18	Storm, Sanitary, Side Sewer Restoration	10 Each	$ _____	$ _____
W6. 7-09	Trench Shoring	6,570 Lin. Ft.	$ _____	$ _____
W7. 7-09 9-30	12-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Class Thickness No. 52, to furnish, lay and test, **(Unit price to include Trench Excavation, Trench Backfill, and 8 mil. V-Bio Enhanced Polyethylene Encasement)**	1,500 Lin. Ft.	$ _____	$ _____
W8. 7-09 9-30	8-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Class Thickness No. 52, to furnish, lay and test, **(Unit price to include Trench Excavation, Trench Backfill, and 8 mil. V-Bio Enhanced Polyethylene Encasement)**	5,299 Lin. Ft.	$ _____	$ _____

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
W9. 7-09 9-30	6-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Class Thickness No. 52, to furnish, lay and test, **(Unit price to include Trench Excavation, Trench Backfill, and 8 mil. V-Bio Enhanced Polyethylene Encasement)**	400 Lin. Ft.	$ _____	$ _____
W10. 9-30	12-inch x 8-inch Ductile Iron Tee, 3-B, M.J., installed	1 Each	$ _____	$ _____
W11. 9-30	12-inch x 8-inch Ductile Iron Cross	1 Each	$ _____	$ _____
W12. 9-30	12-inch x 6-inch Ductile Iron Tee, 3-B, M.J., installed	1 Each	$ _____	$ _____
W13. 9-30	12-inch Ductile Iron Tee, 3-B, M.J., installed	3 Each	$ _____	$ _____
W14. 9-30	8-inch x 6-inch Ductile Iron Tee, 3-B, M.J., installed	10 Each	$ _____	$ _____
W15. 9-30	8-inch x 4-inch Ductile Iron Tee, 3-B, M.J., installed	2 Each	$ _____	$ _____
W16. 9-30	8-inch Ductile Iron Tee, 3-B, M.J., installed	5 Each	$ _____	$ _____
W17. 7-09 9-30	12-inch Ductile Iron Ell, M.J., 45°, installed	10 Each	$ _____	$ _____
W18. 7-09 9-30	8-inch Ductile Iron Ell, M.J., 45°, installed	12 Each	$ _____	$ _____
W19. 7-09 9-30	8-inch Ductile Iron Ell, M.J., 22 1/2°, installed	2 Each	$ _____	$ _____
W20. 7-09 9-30	8-inch Ductile Iron Ell, M.J., 11 1/4°, installed	4 Each	$ _____	$ _____

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
W21. 7-09 9-30	6-inch Ductile Iron Ell, M.J., 45°, installed	6 Each	$ _____	$ _____
W22. 9-30	8-inch x 6-inch Ductile Iron Reducer, 2-B, M.J., w/ anchor, installed	1 Each	$ _____	$ _____
W23. 9-30	12-inch x 8-inch Ductile Iron Reducer, 2-B, M.J., w/ anchor, installed	1 Each	$ _____	$ _____
W24. 9-30	8-inch Ductile Iron Solid Sleeve (Long Pattern) M.J., installed	3 Each	$ _____	$ _____
W25. 9-30	12-inch Ductile Iron Solid Sleeve (Long Pattern) M.J., installed	1 Each	$ _____	$ _____
W26. 9-30	16-inch x 12-inch Tapping Sleeve	1 Each	$ _____	$ _____
W27. 7-09 9-30	12-inch Transition Coupling with 7-inch center ring, epoxy coating, and stainless steel bolts, C.I. to D.I., installed	6 Each	$ _____	$ _____
W28. 7-09 9-30	8-inch Transition Coupling with 7-inch center ring, epoxy coating, and stainless steel bolts, C.I. to D.I., installed	3 Each	$ _____	$ _____
W29. 7-09 9-30	6-inch Transition Coupling with 7-inch center ring, epoxy coating, and stainless steel bolts, C.I. to D.I., installed	4 Each	$ _____	$ _____
W30. 7-09 9-30	12-inch Ductile Iron Cap, M.J., tapped 2”, installed and removed	5 Each	$ _____	$ _____
W31. 7-09 9-30	8-inch Ductile Iron Cap, M.J., tapped 2”, installed and removed	6 Each	$ _____	$ _____

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
W32. 7-09 9-30	6-inch Ductile Iron Cap, M.J., tapped 2", installed and removed	2 Each	$ _____	$ _____
W33. 7-09 9-30	4-inch Ductile Iron Cap, M.J., tapped 2", installed and removed	2 Each	$ _____	$ _____
W34. 7-09 9-30	4-inch Ductile Iron Plug, M.J., tapped 2", installed and removed	2 Each	$ _____	$ _____
W35. 7-09 9-30	8-inch Ductile Iron Plug, M.J., tapped 2", installed and removed	1 Each	$ _____	$ _____
W36. 7-09	Temporary 2-inch Blow-Off Assembly, installed and removed (Dwg. 17-56-1)	16 Each	$ _____	$ _____
W37. 7-09 7-14 9-30	4-inch Mechanical Joint Restraining Glands	4 Each	$ _____	$ _____
W38. 7-09 7-14 9-30	6-inch Mechanical Joint Restraining Glands	42 Each	$ _____	$ _____
W39. 7-09 7-14 9-30	8-inch Mechanical Joint Restraining Glands	9 Each	$ _____	$ _____
W40. 7-09 7-14 9-30	12-inch Mechanical Joint Restraining Glands	18 Each	$ _____	$ _____
W41. 7-09	Concrete Thrust Anchor, installed	47 Each	$ _____	$ _____
W42. 7-09	Temporary Concrete Thrust Anchor, installed and removed	16 Each	$ _____	$ _____

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
W43. 7-09	Trench Compaction Test (as directed by the Inspector)	131 Each	$ _____	$ _____
W44. 7-09	Test Holes (See Special Provisions)	1 Lump Sum	Lump Sum	$ _____
W45. 7-12 9-30	12-inch Butterfly valve, M.J., ANSI/AWWA, C504, with C.I. valve box	10 Each	$ _____	$ _____
W46. 7-12 9-30	12-inch Tapping Gate Valve, M.J.	1 Each	$ _____	$ _____
W47. 7-12 9-30	8-inch Gate Valve, M.J., ANSI/AWWA, C509/515, with C.I. Valve Box	15 Each	$ _____	$ _____
W48. 7-12 9-30	6-inch Gate Valve, M.J., ANSI/AWWA, C509/515, with C.I. Valve Box	13 Each	$ _____	$ _____
W49. 7-12 9-30	4-inch Gate Valve, M.J., ANSI/AWWA, C509/515, with C.I. Valve Box	2 Each	$ _____	$ _____
W50. 7-14 9-30	6-inch Hydrant, M.J., 5.5-ft bury, with 4-inch Tacoma Standard Threads & 5-inch Quick Coupling	9 Each	$ _____	$ _____
W51. 7-14 9-30	6-inch Hydrant, M.J., 6.0-ft bury, with 4-inch Tacoma Standard Threads & 5-inch Quick Coupling	2 Each	$ _____	$ _____
W52. 2-02	Removal and disposal of hydrant guard post	1 Lump Sum	Lump Sum	$ _____
W53. 8-01	Street cleaning with Self-propelled Pickup and Vacuum Street Sweeper Equipment	79 Hour	$ _____	$ _____
W54. 8-22	Traffic Lane Markings	1 Lump Sum	Lump Sum	$ _____
W55. 1-09	Force Account	1 Force Account	Estimated	$ 70,000

Contractor's Name: _____

SCHEDULE D2: WATER MAIN IMPROVEMENTS (Rule 170) – S WALTERS RD

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
W1. 1-09	Mobilization	1 Lump Sum	Lump Sum	$ _____
W2. 1-10	Project Temporary Traffic Control	1 Lump Sum	Lump Sum	$ _____
W3. 2-02	Removal/Disposal of existing asphalt, concrete sidewalk/curbing & concrete pavement (includes all thicknesses and combinations)	117 Sq. Yd.	$ _____	$ _____
W4. 5-04 9-03	Temporary HMA Class 1/2" PG58-22, 2-inch minimum depth, installed & removed	117 Sq. Yd.	$ _____	$ _____
W5. 7-09	Trench Shoring	335 Lin. Ft.	$ _____	$ _____
W6. 7-09 9-30	8-inch Ductile Iron Pipe, Push-On Joint, ANSI/AWWA, C151, Special Class Thickness No. 52, to furnish, lay and test, **(Unit price to include Trench Excavation & Trench Backfill)**	369 Lin. Ft.	$ _____	$ _____
W7. 9-30	8-inch x 6-inch Ductile Iron Tee, 3-B, M.J., installed	1 Each	$ _____	$ _____
W8. 7-09 9-30	8-inch Ductile Iron Ell, M.J., 45°, installed	4 Each	$ _____	$ _____
W9. 9-30	8-inch x 6-inch Ductile Iron Reducer, 2-B, M.J., w/ anchor, installed	1 Each	$ _____	$ _____
W10. 9-30	8-inch Ductile Iron Solid Sleeve (Long Pattern) M.J., installed	1 Each	$ _____	$ _____
W11. 7-09 9-30	8-inch Transition Coupling with 7-inch center ring, epoxy coating, and stainless steel bolts, C.I. to D.I., installed	1 Each	$ _____	$ _____

Contractor's Name: _____

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
W12. 7-09 9-30	6-inch Transition Coupling with 7-inch center ring, epoxy coating, and stainless steel bolts, C.I. to D.I., installed	1 Each	$ _____	$ _____
W13. 7-09 9-30	8-inch Ductile Iron Cap, M.J., tapped 2", installed and removed	3 Each	$ _____	$ _____
W14. 7-09	Temporary 2-inch Blow-Off Assembly, installed and removed (Dwg. 17-56-1)	3 Each	$ _____	$ _____
W15. 7-09 7-14 9-30	6-inch Mechanical Joint Restraining Glands	7 Each	$ _____	$ _____
W16. 7-09 7-14 9-30	8-inch Mechanical Joint Restraining Glands	12 Each	$ _____	$ _____
W17. 7-09	Concrete Thrust Anchor, installed	4 Each	$ _____	$ _____
W18. 7-09	Temporary Concrete Thrust Anchor, installed and removed	3 Each	$ _____	$ _____
W19. 7-09	Trench Compaction Test (as directed by the Inspector)	7 Each	$ _____	$ _____
W20. 7-12 9-30	8-inch Gate Valve, M.J., ANSI/AWWA, C509/515, with C.I. Valve Box	1 Each	$ _____	$ _____
W21. 7-12 9-30	6-inch Gate Valve, M.J., ANSI/AWWA, C509/515, with C.I. Valve Box	1 Each	$ _____	$ _____
W22. 7-14 9-30	6-inch Hydrant, M.J., 4.5-ft bury, with 4-inch Tacoma Standard Threads & 5-inch Quick Coupling	1 Each	$ _____	$ _____

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	TOTAL AMOUNT
W23. 8-01	Street cleaning with Self-propelled Pickup and Vacuum Street Sweeper Equipment	18 Hour	$ _____	$ _____
W24. 1-09	Force Account	1 Force Account	Estimated	$ 10,000

SCHEDULE A: ROADWAY IMPROVEMENTS (R) (Rule 171)

Base Bid (Subtotal Items Nos. R1 – R80)	$ _____	**(1)**
ROADWAY IMPROVEMENTS TOTAL	**$ _____**	(2)

SCHEDULE B1: STORM SEWER IMPROVEMENTS (S) (Rule 171)

Base Bid (Subtotal Items Nos. S1 – S30)	$ _____	**(3)**
STORM SEWER IMPROVEMENTS TOTAL	**$ _____**	(4)

SCHEDULE B2: STORM SEWER IMPROVEMENTS (S) (Rule 171) – E 86TH ST

Base Bid (Subtotal Items Nos. S1 – S4)	$ _____	**(5)**
STORM SEWER IMPROVEMENTS TOTAL	**$ _____**	(6)

SCHEDULE C1: WASTEWATER SEWER IMPROVEMENTS (WW) (Rule 170) – E 86TH ST

Base Bid (Subtotal Items Nos. WW1 – WW20)	$ _____	**(7)**
10.3% Sales Tax (Items Nos. WW1 – WW20)	$ _____	(8)
WASTEWATER SEWER IMPROVEMENTS TOTAL	**$ _____**	(9)

SCHEDULE C2: WASTEWATER SEWER IMPROVEMENTS (WW) (Rule 170) – S WALTERS RD

Base Bid (Subtotal Items Nos. WW1 – WW14)	$ _____	**(10)**
10.3% Sales Tax (Items Nos. WW1 – WW14)	$ _____	(11)
WASTEWATER SEWER IMPROVEMENTS TOTAL	**$ _____**	(12)

Contractor's Name: _____

SCHEDULE D1: WATER MAIN IMPROVEMENTS (W) (Rule 170)

Base Bid (Subtotal Items Nos. W1 – W55)	$ _____	**(13)**
10.3% Sales Tax (Items Nos. W1 – W55)	$ _____	(14)
WATER MAIN IMPROVEMENTS TOTAL	**$ _____**	(15)

SCHEDULE D2: WATER MAIN IMPROVEMENTS (W) (Rule 170) – S WALTERS RD

Base Bid (Subtotal Items Nos. W1 – W24)	$ _____	**(16)**
10.3% Sales Tax (Items Nos. W1 – W24)	$ _____	(17)
WATER MAIN IMPROVEMENTS TOTAL	**$ _____**	(18)

TOTAL BASE BID: (1) + (3) + (5) + (7) + (10) + (13) + (16) $_____
(not including sales tax) Rule 170