

2019 Small Diameter Water Main Replacement Contract
 Project No.: 2019-325-101-0
 Bid Due Date: 1/30/2020

MELE & MELE & SONS, INC.
 ONE MELE PLACE
 BRADDOCK, PA. 15104

INDEPENDENT ENTERPRISES
 5020 THOMS RUN ROAD
 OAKDALE, PA 15071

A.MERANTE CONTRACTING, INC.
 4750 STREETS RUN ROAD
 PITTSBURGH, PA 15236

FRANK J.ZIOTOLA CONSTRUCTION
 595 PITTSBURGH ROAD
 BUTLER, PA 16002

A.FOLINO CONSTRUCTION
 109 DARK HOLLOW ROAD
 OAKMONT, PA 15139

W.A.PETRAKIS CONTRACTING &
 LANDSCAPING COMPANY
 1501 PONTIAC COURT
 EXPORT, PA 15632

Baum Blvd.				MELE & MELE & SONS, INC.		INDEPENDENT ENTERPRISES		A.MERANTE CONTRACTING, INC.		FRANK J.ZIOTOLA CONSTRUCTION		A.FOLINO CONSTRUCTION		W.A.PETRAKIS CONTRACTING & LANDSCAPING COMPANY	
Item No.	Description	Unit	Est. Qty.	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
BB-U-1	Mobilization/Demobilization, Permits, Bonds and Insurance, Maintenance and Protection of Traffic	LS	1	\$ 200,000.00	\$ 200,000.00	\$ 135,000.00	\$ 135,000.00	\$ 135,000.00	\$ 135,000.00	\$ 161,600.00	\$ 161,600.00	\$ 136,000.00	\$ 136,000.00	\$ 140,000.00	\$ 140,000.00
BB-U-4	Rock and Obstruction Excavation, All Depths	CY	80	\$ 55.00	\$ 4,400.00	\$ 50.00	\$ 4,000.00	\$ 49.51	\$ 3,960.80	\$ 100.00	\$ 8,000.00	\$ 90.00	\$ 7,200.00	\$ 75.00	\$ 6,000.00
BB-U-5	Exploratory Excavation and Backfill	CY	700	\$ 70.00	\$ 49,000.00	\$ 100.00	\$ 70,000.00	\$ 76.96	\$ 53,872.00	\$ 100.00	\$ 70,000.00	\$ 98.00	\$ 68,600.00	\$ 65.00	\$ 45,500.00
BB-U-6	Hand Digging and Tunneling	MHR	200	\$ 60.00	\$ 12,000.00	\$ 3,255.00	\$ 651,000.00	\$ 64.69	\$ 12,938.00	\$ 75.00	\$ 15,000.00	\$ 72.00	\$ 14,400.00	\$ 45.00	\$ 9,000.00
BB-U-7	Additional Bedding Material, As Directed	CY	100	\$ 50.00	\$ 5,000.00	\$ 45.00	\$ 4,500.00	\$ 67.87	\$ 6,787.00	\$ 50.00	\$ 5,000.00	\$ 47.00	\$ 4,700.00	\$ 51.00	\$ 5,100.00
BB-U-8	Concrete Encasement	CY	10	\$ 250.00	\$ 2,500.00	\$ 300.00	\$ 3,000.00	\$ 283.35	\$ 2,833.50	\$ 200.00	\$ 2,000.00	\$ 350.00	\$ 3,500.00	\$ 225.00	\$ 2,250.00
BB-U-9	Concrete Anchors, Thrust Collars, and Thrust Blocks	CY	50	\$ 250.00	\$ 12,500.00	\$ 250.00	\$ 12,500.00	\$ 243.22	\$ 12,161.00	\$ 200.00	\$ 10,000.00	\$ 350.00	\$ 17,500.00	\$ 200.00	\$ 10,000.00
BB-U-10	Flowable Fill	CY	140	\$ 200.00	\$ 28,000.00	\$ 250.00	\$ 35,000.00	\$ 235.81	\$ 33,013.40	\$ 200.00	\$ 28,000.00	\$ 350.00	\$ 49,000.00	\$ 320.00	\$ 44,800.00
BB-U-11	Bypass/Dewatering Pumping as Directed	HR	250	\$ 56.00	\$ 14,000.00	\$ 60.00	\$ 15,000.00	\$ 53.32	\$ 13,330.00	\$ 50.00	\$ 12,500.00	\$ 42.00	\$ 10,500.00	\$ 45.00	\$ 11,250.00
BB-U-12	Flag Person	MHR	2900	\$ 68.00	\$ 197,200.00	\$ 50.00	\$ 145,000.00	\$ 61.82	\$ 179,278.00	\$ 50.00	\$ 145,000.00	\$ 74.00	\$ 214,600.00	\$ 80.00	\$ 232,000.00
BB-U-13	Off Duty Uniformed Officer	MHR	1200	\$ 65.00	\$ 78,000.00	\$ 55.00	\$ 66,000.00	\$ 69.28	\$ 83,136.00	\$ 65.00	\$ 78,000.00	\$ 63.00	\$ 75,600.00	\$ 60.00	\$ 72,000.00
BB-U-14	Miscellaneous Work Time for a Full Crew	CHR	72	\$ 450.00	\$ 32,400.00	\$ 700.00	\$ 50,400.00	\$ 675.00	\$ 48,600.00	\$ 650.00	\$ 46,800.00	\$ 660.00	\$ 47,520.00	\$ 500.00	\$ 36,000.00
BB-U-15	Miscellaneous Premium Work for Full Time Crew	CHR	150	\$ 600.00	\$ 90,000.00	\$ 350.00	\$ 52,500.00	\$ 825.00	\$ 123,750.00	\$ 350.00	\$ 52,500.00	\$ 353.00	\$ 52,950.00	\$ 550.00	\$ 82,500.00
BB-U-17	Master Plumber Time	MHR	16	\$ 88.00	\$ 1,408.00	\$ 95.00	\$ 1,520.00	\$ 101.26	\$ 1,620.16	\$ 130.00	\$ 2,080.00	\$ 173.00	\$ 2,768.00	\$ 125.00	\$ 2,000.00
BB-U-18	Journeyman Plumber Time	MHR	16	\$ 85.00	\$ 1,360.00	\$ 85.00	\$ 1,360.00	\$ 93.79	\$ 1,500.64	\$ 100.00	\$ 1,600.00	\$ 138.00	\$ 2,208.00	\$ 85.00	\$ 1,360.00
BB-U-501	Erosion and Sediment Control	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 15,000.00	\$ 15,000.00	\$ 12,839.80	\$ 12,839.80	\$ 3,000.00	\$ 3,000.00	\$ 5,700.00	\$ 5,700.00	\$ 4,000.00	\$ 4,000.00
BB-W-100	4" Ductile Iron Pipe Class 54 Zinc Coated	LF	260	\$ 228.00	\$ 59,280.00	\$ 115.00	\$ 29,900.00	\$ 128.05	\$ 33,293.00	\$ 80.00	\$ 20,800.00	\$ 226.00	\$ 58,760.00	\$ 252.00	\$ 65,520.00
BB-W-200	6" Ductile Iron Pipe Class 54 Zinc Coated	LF	500	\$ 200.00	\$ 100,000.00	\$ 125.00	\$ 62,500.00	\$ 108.40	\$ 54,200.00	\$ 175.00	\$ 87,500.00	\$ 231.00	\$ 115,500.00	\$ 252.00	\$ 126,000.00
BB-W-300	8" Ductile Iron Pipe Class 54 Zinc Coated	LF	850	\$ 220.00	\$ 187,000.00	\$ 185.00	\$ 157,250.00	\$ 133.73	\$ 113,670.50	\$ 230.00	\$ 195,500.00	\$ 240.00	\$ 204,000.00	\$ 269.00	\$ 228,650.00
BB-W-500	12" Ductile Iron Pipe Class 54 Zinc Coated	LF	3800	\$ 300.00	\$ 1,140,000.00	\$ 212.00	\$ 805,600.00	\$ 160.80	\$ 611,040.00	\$ 280.00	\$ 1,064,000.00	\$ 194.00	\$ 737,200.00	\$ 304.00	\$ 1,155,200.00
BB-W-15	Public Water Service Line - PEKA - 1" Diameter and Less	LF	900	\$ 180.00	\$ 162,000.00	\$ 65.00	\$ 58,500.00	\$ 84.55	\$ 76,095.00	\$ 125.00	\$ 112,500.00	\$ 68.00	\$ 61,200.00	\$ 72.00	\$ 64,800.00
BB-W-16	Public Water Service Line - PEKA - Greater Than 1" Diameter	LF	200	\$ 140.00	\$ 28,000.00	\$ 80.00	\$ 16,000.00	\$ 72.41	\$ 14,482.00	\$ 175.00	\$ 35,000.00	\$ 80.00	\$ 16,000.00	\$ 75.00	\$ 15,000.00
BB-W-18	Water Service Line - Copper - Greater Than 1" Diameter	LF	150	\$ 180.00	\$ 27,000.00	\$ 80.00	\$ 12,000.00	\$ 85.51	\$ 12,826.50	\$ 175.00	\$ 26,250.00	\$ 73.00	\$ 10,950.00	\$ 68.00	\$ 10,200.00
BB-W-19	Extra Waterline Trench Excavation and Backfill(Greater than 8 feet deep)	CY	90	\$ 50.00	\$ 4,500.00	\$ 75.00	\$ 6,750.00	\$ 92.73	\$ 8,345.70	\$ 100.00	\$ 9,000.00	\$ 113.00	\$ 10,170.00	\$ 65.00	\$ 5,850.00
BB-W-20A	Service Line Connection - Wet or Dry Tap (1")	EA	26	\$ 1,500.00	\$ 39,000.00	\$ 500.00	\$ 13,000.00	\$ 1,816.02	\$ 47,216.52	\$ 450.00	\$ 11,700.00	\$ 1,050.00	\$ 27,300.00	\$ 2,700.00	\$ 70,200.00
BB-W-20B	Service Line Connection - Wet or Dry Tap (2")	EA	8	\$ 1,000.00	\$ 8,000.00	\$ 800.00	\$ 6,400.00	\$ 1,815.99	\$ 14,527.92	\$ 800.00	\$ 6,400.00	\$ 1,140.00	\$ 9,120.00	\$ 4,200.00	\$ 33,600.00
BB-W-21B	Mechanical Joint Ductile Iron Fittings - FBE Interior Lining and Exterior Coating	LB	59300	\$ 4.00	\$ 237,200.00	\$ 6.00	\$ 355,800.00	\$ 5.72	\$ 339,196.00	\$ 8.00	\$ 474,400.00	\$ 5.30	\$ 314,290.00	\$ 4.00	\$ 237,200.00
BB-W-23	Medium Extension Gate Box - Cast Iron, Round Lid	EA	69	\$ 400.00	\$ 27,600.00	\$ 450.00	\$ 31,050.00	\$ 693.09	\$ 47,823.21	\$ 675.00	\$ 46,575.00	\$ 584.00	\$ 40,296.00	\$ 500.00	\$ 34,500.00
BB-W-24	Remove and Salvage Existing Deep Frame and Cover, Risers and/or M.E.G. Box Outside of Trench Area	EA	69	\$ 900.00	\$ 62,100.00	\$ 200.00	\$ 13,800.00	\$ 172.99	\$ 11,936.31	\$ 100.00	\$ 6,900.00	\$ 396.00	\$ 27,324.00	\$ 100.00	\$ 6,900.00
BB-W-28	Reset Existing Fire Hydrant to New Water Line	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 3,500.00	\$ 3,500.00	\$ 2,366.31	\$ 2,366.31	\$ 5,000.00	\$ 5,000.00	\$ 2,300.00	\$ 2,300.00	\$ 2,100.00	\$ 2,100.00
BB-W-29	Install New Fire Hydrant	EA	12	\$ 4,000.00	\$ 48,000.00	\$ 5,500.00	\$ 66,000.00	\$ 4,522.82	\$ 54,273.84	\$ 6,000.00	\$ 72,000.00	\$ 5,000.00	\$ 60,000.00	\$ 5,250.00	\$ 63,000.00
BB-W-31	Temporary Water Service, All Sizes	EA	10	\$ 150.00	\$ 1,500.00	\$ 120.00	\$ 1,200.00	\$ 786.19	\$ 7,861.90	\$ 500.00	\$ 5,000.00	\$ 68.00	\$ 680.00	\$ 250.00	\$ 2,500.00
BB-W-32	4" to 30" Sewer Lateral Encountered in Water Line Trench	LF	50	\$ 55.00	\$ 2,750.00	\$ 80.00	\$ 4,000.00	\$ 131.91	\$ 6,595.50	\$ 100.00	\$ 5,000.00	\$ 340.00	\$ 17,000.00	\$ 95.00	\$ 4,750.00
BB-W-34	Gate Valve Installed as Part of New Water Line - 4"	EA	15	\$ 775.00	\$ 11,625.00	\$ 600.00	\$ 9,000.00	\$ 1,297.87	\$ 19,468.05	\$ 1,000.00	\$ 15,000.00	\$ 1,037.00	\$ 15,555.00	\$ 900.00	\$ 13,500.00
BB-W-35	Gate Valve Installed as Part of New Water Line - 6"	EA	19	\$ 1,000.00	\$ 19,000.00	\$ 900.00	\$ 17,100.00	\$ 1,380.82	\$ 26,235.58	\$ 1,200.00	\$ 22,800.00	\$ 1,200.00	\$ 22,800.00	\$ 1,150.00	\$ 21,850.00
BB-W-36	Gate Valve Installed as Part of New Water Line - 8"	EA	16	\$ 1,300.00	\$ 20,800.00	\$ 1,600.00	\$ 25,600.00	\$ 2,012.18	\$ 32,194.88	\$ 2,000.00	\$ 32,000.00	\$ 1,600.00	\$ 25,600.00	\$ 1,750.00	\$ 28,000.00
BB-W-38	Gate Valve Installed as Part of New Water Line - 12"	EA	21	\$ 2,500.00	\$ 52,500.00	\$ 3,500.00	\$ 73,500.00	\$ 3,150.27	\$ 66,155.67	\$ 3,200.00	\$ 67,200.00	\$ 2,730.00	\$ 57,330.00	\$ 2,850.00	\$ 59,850.00
BB-W-64	Waterline - Line Stop (Double) - 8" through 18"	PH OF DIAMETER	24	\$ 1,300.00	\$ 31,200.00	\$ 1,000.00	\$ 24,000.00	\$ 1,292.92	\$ 31,118.08	\$ 1,000.00	\$ 24,000.00	\$ 950.00	\$ 22,800.00	\$ 900.00	\$ 21,600.00
BB-W-86	Service Line Material Verification	EA	58	\$ 900.00	\$ 52,200.00	\$ 1,500.00	\$ 87,000.00	\$ 1,647.25	\$ 95,540.50	\$ 2,000.00	\$ 116,000.00	\$ 860.00	\$ 49,880.00	\$ 900.00	\$ 52,200.00
BB-W-87	Private Water Service Line Replacement, 1" Diameter and Less - 0 to 20 LF in Total Length	EA	12	\$ 6,500.00	\$ 78,000.00	\$ 4,300.00	\$ 51,600.00	\$ 5,443.75	\$ 65,325.00	\$ 5,000.00	\$ 60,000.00	\$ 3,000.00	\$ 36,000.00	\$ 5,100.00	\$ 61,200.00
BB-W-88	Private Water Service Line Replacement, 1 1/2" Diameter and Less - Greater than 20 LF in Total Length	LF	30	\$ 100.00	\$ 3,000.00	\$ 70.00	\$ 2,100.00	\$ 83.46	\$ 2,503.80	\$ 80.00	\$ 2,400.00	\$ 98.00	\$ 2,940.00	\$ 60.00	\$ 1,800.00
BB-W-90	Installation of Additional Concrete Floor Penetrations	EA	12	\$ 600.00	\$ 7,200.00	\$ 500.00	\$ 6,000.00	\$ 614.28	\$ 7,371.36	\$ 2,000.00	\$ 24,000.00	\$ 1,600.00	\$ 19,200.00	\$ 600.00	\$ 7,200.00
BB-W-95	Remove and Salvage Existing Fire Hydrant	EA	12	\$ 1,000.00	\$ 12,000.00	\$ 600.00	\$ 7,200.00	\$ 968.61	\$ 11,623.32	\$ 2,000.00	\$ 24,000.00	\$ 910.00	\$ 10,920.00	\$ 650.00	\$ 7,800.00
BB-S-3	12" PVC SDR 26 Sewer Pipe	LF	10	\$ 75.00	\$ 750.00	\$ 60.00	\$ 600.00	\$ 2.24	\$ 22.40	\$ 60.00	\$ 600.00	\$ 195.00	\$ 1,950.00	\$ 25.00	\$ 250.00
BB-S-4	15" PVC SDR 26 Sewer Pipe	LF	60	\$ 85.00	\$ 5,100.00	\$ 80.00	\$ 4,800.00	\$ 136.40	\$ 8,184.00	\$ 70.00	\$ 4,200.00	\$ 203.00	\$ 12,180.00	\$ 40.00	\$ 2,400.00
BB-S-5	18" PVC SDR 26 Sewer Pipe	LF	10	\$ 98.00	\$ 980.00	\$ 100.00	\$ 1,000.00	\$ 117.19	\$ 1,171.90	\$ 80.00	\$ 800.00	\$ 207.00	\$ 2,070.00	\$ 50.00	\$ 500.00
BB-S-35	Trench Excavation 0-15' Depth	CY	20	\$ 50.00	\$ 1,000.00	\$ 75.00	\$ 1,500.00	\$ 148.84	\$ 2,976.80	\$ 100.00	\$ 2,000.00	\$ 127.00	\$ 2,540.00	\$ 75.00	\$ 1,500.00
BB-S-37	Aggregate Trench Backfill Above Pipe Zone	CY	20	\$ 55.00	\$ 1,100.00	\$ 65.00	\$ 1,300.00	\$ 65.50	\$ 1,310.00	\$ 50.00	\$ 1,000.00	\$ 97.00	\$ 1,940.00	\$ 51.00	\$ 1,020.00
BB-S-40	Addition PVC Fittings - Larger than 10"	EA	22	\$ 500.00	\$ 11,000.00	\$ 500.00	\$ 11,000.00	\$ 91.97	\$ 2,023.34	\$ 1,200.00	\$ 26,400.00	\$ 325.00	\$ 7,150.00	\$ 475.00	\$ 10,450.00
BB-S-63	Catch Basin - Cast-In-Place - Type 1 Modified	EA	4	\$ 5,500.00	\$ 22,000.00	\$ 7,200.00	\$ 28,800.00	\$ 661.04	\$ 2,644.16	\$ 6,500.00	\$ 26,000.00	\$ 8,700.00	\$ 34,800.00	\$ 12,250.00	\$ 49,000.00
BB-S-65	Catch Basin - Cast-In-Place - Type 13	EA	1	\$ 6,000.00	\$ 6,000.00	\$ 7,200.00	\$ 7,200.00	\$ 6,519.66	\$ 6,519.66	\$ 7,000.00	\$ 7,000.00	\$ 7,200.00	\$ 7,200.00	\$ 12,250.00	\$ 12,250.00
BB-S-68	Catch Basin - Pre-Cast - Type 13	EA	8	\$ 3,000.00	\$ 24,000.00	\$ 5,000.00	\$								

H-U-4	Rock and Obstruction Excavation, All Depths	CY	100	\$ 55.00	\$ 5,500.00	\$ 50.00	\$ 5,000.00	\$ 54.44	\$ 5,444.00	\$ 100.00	\$ 10,000.00	\$ 90.00	\$ 9,000.00	\$ 40.00	\$ 4,000.00
H-U-5	Exploratory Excavation and Backfill	CY	700	\$ 40.00	\$ 28,000.00	\$ 100.00	\$ 70,000.00	\$ 57.53	\$ 40,271.00	\$ 75.00	\$ 52,500.00	\$ 98.00	\$ 68,600.00	\$ 50.00	\$ 35,000.00
H-U-6	Hand Digging and Tunneling	MHR	80	\$ 60.00	\$ 4,800.00	\$ 55.00	\$ 4,400.00	\$ 64.69	\$ 5,175.20	\$ 65.00	\$ 5,200.00	\$ 71.00	\$ 5,680.00	\$ 50.00	\$ 4,000.00
H-U-7	Additional Bedding Material, As Directed	CY	100	\$ 55.00	\$ 5,500.00	\$ 45.00	\$ 4,500.00	\$ 75.36	\$ 7,536.00	\$ 50.00	\$ 5,000.00	\$ 47.00	\$ 4,700.00	\$ 52.00	\$ 5,200.00
H-U-8	Concrete Encasement	CY	10	\$ 200.00	\$ 2,000.00	\$ 300.00	\$ 3,000.00	\$ 393.36	\$ 3,933.60	\$ 200.00	\$ 2,000.00	\$ 350.00	\$ 3,500.00	\$ 200.00	\$ 2,000.00
H-U-9	Concrete Anchors and Thrust Blocks	CY	75	\$ 160.00	\$ 12,000.00	\$ 250.00	\$ 18,750.00	\$ 326.36	\$ 24,477.00	\$ 200.00	\$ 15,000.00	\$ 350.00	\$ 26,250.00	\$ 200.00	\$ 15,000.00
H-U-10	Flowable Fill	CY	30	\$ 180.00	\$ 5,400.00	\$ 250.00	\$ 7,500.00	\$ 293.04	\$ 8,791.20	\$ 200.00	\$ 6,000.00	\$ 350.00	\$ 10,500.00	\$ 300.00	\$ 9,000.00
H-U-11	Bypass/Dewatering Pumping as Directed	HR	492	\$ 56.00	\$ 27,552.00	\$ 60.00	\$ 29,520.00	\$ 64.15	\$ 31,561.80	\$ 25.00	\$ 12,300.00	\$ 42.00	\$ 20,664.00	\$ 15.00	\$ 7,380.00
H-U-12	Flag Person	MHR	5000	\$ 68.00	\$ 340,000.00	\$ 50.00	\$ 250,000.00	\$ 61.82	\$ 309,100.00	\$ 50.00	\$ 250,000.00	\$ 74.00	\$ 370,000.00	\$ 68.00	\$ 340,000.00
H-U-13	Off Duty Uniformed Officer	MHR	600	\$ 65.00	\$ 39,000.00	\$ 55.00	\$ 33,000.00	\$ 69.28	\$ 41,568.00	\$ 60.00	\$ 36,000.00	\$ 63.00	\$ 37,800.00	\$ 50.00	\$ 30,000.00
H-U-14	Miscellaneous Work Time for a Full Crew	CHR	80	\$ 450.00	\$ 36,000.00	\$ 700.00	\$ 56,000.00	\$ 675.00	\$ 54,000.00	\$ 500.00	\$ 40,000.00	\$ 660.00	\$ 52,800.00	\$ 500.00	\$ 40,000.00
H-U-15	Miscellaneous Premium Work for Full Time Crew	CHR	40	\$ 550.00	\$ 22,000.00	\$ 350.00	\$ 14,000.00	\$ 825.00	\$ 33,000.00	\$ 300.00	\$ 12,000.00	\$ 355.00	\$ 14,200.00	\$ 325.00	\$ 13,000.00
H-U-17	Master Plumber Time	MHR	16	\$ 88.00	\$ 1,408.00	\$ 95.00	\$ 1,520.00	\$ 101.26	\$ 1,620.16	\$ 125.00	\$ 2,000.00	\$ 173.00	\$ 2,768.00	\$ 120.00	\$ 1,920.00
H-U-18	Journeyman Plumber Time	MHR	16	\$ 85.00	\$ 1,360.00	\$ 85.00	\$ 1,360.00	\$ 93.79	\$ 1,500.64	\$ 100.00	\$ 1,600.00	\$ 138.00	\$ 2,208.00	\$ 80.00	\$ 1,280.00
H-U-501	Erosion and Sediment Control	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 12,000.00	\$ 12,000.00	\$ 10,708.11	\$ 10,708.11	\$ 3,000.00	\$ 3,000.00	\$ 5,800.00	\$ 5,800.00	\$ 2,000.00	\$ 2,000.00
H-W-100	4" Ductile Iron Pipe Class 54 - zinc coated	LF	50	\$ 170.00	\$ 8,500.00	\$ 115.00	\$ 5,750.00	\$ 128.05	\$ 6,402.50	\$ 135.00	\$ 6,750.00	\$ 226.00	\$ 11,300.00	\$ 174.00	\$ 8,700.00
H-W-200	6" Ductile Iron Pipe Class 54 - zinc coated	LF	500	\$ 161.00	\$ 80,500.00	\$ 125.00	\$ 62,500.00	\$ 118.80	\$ 59,400.00	\$ 145.00	\$ 72,500.00	\$ 231.00	\$ 115,500.00	\$ 175.00	\$ 87,500.00
H-W-300	8" Ductile Iron Pipe Class 54 - zinc coated	LF	500	\$ 147.00	\$ 837,900.00	\$ 183.00	\$ 1,043,100.00	\$ 140.27	\$ 799,539.00	\$ 165.00	\$ 940,500.00	\$ 192.00	\$ 1,094,400.00	\$ 199.50	\$ 1,137,150.00
H-W-15	Water Service Line - PE-XA - 1" Diameter and Less	LF	3050	\$ 55.00	\$ 167,750.00	\$ 70.00	\$ 213,500.00	\$ 79.89	\$ 243,664.50	\$ 80.00	\$ 244,000.00	\$ 68.00	\$ 207,400.00	\$ 72.00	\$ 219,600.00
H-W-16	Water Service Line - PE-XA - Greater Than 1" Diameter	LF	10	\$ 400.00	\$ 4,000.00	\$ 75.00	\$ 750.00	\$ 80.89	\$ 808.90	\$ 100.00	\$ 1,000.00	\$ 80.00	\$ 800.00	\$ 75.00	\$ 750.00
H-W-18	Water Service Line - Copper - Greater Than 1" Diameter	LF	10	\$ 400.00	\$ 4,000.00	\$ 90.00	\$ 900.00	\$ 87.20	\$ 872.00	\$ 100.00	\$ 1,000.00	\$ 73.00	\$ 730.00	\$ 80.00	\$ 800.00
H-W-19	Extra Waterline Trench Excavation and Backfill (Greater than 8 feet deep)	CY	10	\$ 50.00	\$ 500.00	\$ 65.00	\$ 650.00	\$ 95.94	\$ 959.40	\$ 100.00	\$ 1,000.00	\$ 113.00	\$ 1,130.00	\$ 45.00	\$ 450.00
H-W-20A	Service Line Connection - Wet or Dry Tap (1")	EA	171	\$ 750.00	\$ 128,250.00	\$ 500.00	\$ 85,500.00	\$ 1,816.02	\$ 310,539.42	\$ 400.00	\$ 68,400.00	\$ 1,050.00	\$ 179,550.00	\$ 1,600.00	\$ 273,600.00
H-W-20B	Service Line Connection - Wet or Dry Tap >1"	EA	1	\$ 1,300.00	\$ 1,300.00	\$ 800.00	\$ 800.00	\$ 2,036.48	\$ 2,036.48	\$ 600.00	\$ 600.00	\$ 1,100.00	\$ 1,100.00	\$ 1,800.00	\$ 1,800.00
H-W-21B	Mechanical Joint Ductile Iron Fittings - FBE Interior Lining and Exterior Coating	LB	41500	\$ 4.21	\$ 174,715.00	\$ 6.00	\$ 249,000.00	\$ 5.72	\$ 237,380.00	\$ 8.00	\$ 332,000.00	\$ 5.30	\$ 219,950.00	\$ 4.00	\$ 166,000.00
H-W-23	Medium Extension Gate Box - Cast Iron, Round Lid	EA	74	\$ 400.00	\$ 29,600.00	\$ 450.00	\$ 33,300.00	\$ 693.11	\$ 51,290.14	\$ 600.00	\$ 44,400.00	\$ 580.00	\$ 42,920.00	\$ 525.00	\$ 38,850.00
H-W-24	Remove and Salvage Existing Deep Frame and Cover, Risers and/or M.E.G. Box Outside of Trench Area	EA	45	\$ 1,000.00	\$ 45,000.00	\$ 500.00	\$ 22,500.00	\$ 172.99	\$ 7,784.55	\$ 100.00	\$ 4,500.00	\$ 395.00	\$ 17,775.00	\$ 150.00	\$ 6,750.00
H-W-28	Reset Existing Fire Hydrant to New Water Line	EA	1	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 2,366.31	\$ 2,366.31	\$ 5,000.00	\$ 5,000.00	\$ 2,200.00	\$ 2,200.00	\$ 1,600.00	\$ 1,600.00
H-W-29	Install New Fire Hydrant	EA	17	\$ 3,800.00	\$ 64,600.00	\$ 5,000.00	\$ 93,500.00	\$ 4,631.76	\$ 78,739.92	\$ 5,000.00	\$ 85,000.00	\$ 4,900.00	\$ 83,300.00	\$ 5,250.00	\$ 89,250.00
H-W-31	Temporary Water Service, All Sizes	EA	20	\$ 150.00	\$ 3,000.00	\$ 2,000.00	\$ 4,000.00	\$ 786.19	\$ 15,723.80	\$ 1,000.00	\$ 20,000.00	\$ 68.00	\$ 1,360.00	\$ 150.00	\$ 3,000.00
H-W-32	4" to 10" Sewer Lateral Encountered in Water Line Trench	LF	50	\$ 55.00	\$ 2,750.00	\$ 80.00	\$ 4,000.00	\$ 131.25	\$ 6,562.50	\$ 50.00	\$ 2,500.00	\$ 340.00	\$ 17,000.00	\$ 65.00	\$ 3,250.00
H-W-34	Gate Valve Installed as Part of New Water Line - 4"	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 600.00	\$ 600.00	\$ 1,159.65	\$ 1,159.65	\$ 1,000.00	\$ 1,000.00	\$ 1,040.00	\$ 1,040.00	\$ 1,000.00	\$ 1,000.00
H-W-35	Gate Valve Installed as Part of New Water Line - 6"	EA	16	\$ 1,000.00	\$ 16,000.00	\$ 900.00	\$ 14,400.00	\$ 1,380.82	\$ 22,093.12	\$ 1,200.00	\$ 19,200.00	\$ 1,200.00	\$ 19,200.00	\$ 1,150.00	\$ 18,400.00
H-W-36	Gate Valve Installed as Part of New Water Line - 8"	EA	58	\$ 1,300.00	\$ 75,400.00	\$ 1,600.00	\$ 92,800.00	\$ 2,012.18	\$ 116,706.44	\$ 2,000.00	\$ 116,000.00	\$ 1,600.00	\$ 92,800.00	\$ 1,700.00	\$ 98,600.00
H-W-64	Waterline - Line Stop (Double) - 8" through 18"	HD OF DIAMETER	8	\$ 1,200.00	\$ 9,600.00	\$ 1,000.00	\$ 8,000.00	\$ 89.04	\$ 712.32	\$ 1,000.00	\$ 8,000.00	\$ 950.00	\$ 7,600.00	\$ 1,000.00	\$ 8,000.00
H-W-86	Service Line Material Verification	EA	169	\$ 900.00	\$ 152,100.00	\$ 1,500.00	\$ 253,500.00	\$ 1,647.25	\$ 278,385.25	\$ 1,500.00	\$ 253,500.00	\$ 860.00	\$ 145,340.00	\$ 850.00	\$ 143,650.00
H-W-87	Private Water Service Line Replacement, 1" Diameter and Less - 0 to 20 LF in Total Length	EA	62	\$ 4,000.00	\$ 248,000.00	\$ 4,300.00	\$ 266,600.00	\$ 5,331.15	\$ 330,531.30	\$ 5,000.00	\$ 310,000.00	\$ 2,869.00	\$ 177,878.00	\$ 4,200.00	\$ 260,400.00
H-W-88	Private Water Service Line Replacement, 1" Diameter and Less - Greater Than 20 LF in Total Length	LF	30	\$ 45.00	\$ 1,350.00	\$ 70.00	\$ 2,100.00	\$ 83.46	\$ 2,503.80	\$ 80.00	\$ 2,400.00	\$ 98.00	\$ 2,940.00	\$ 60.00	\$ 1,800.00
H-W-90	Installation of Additional Concrete Floor Penetrations	EA	62	\$ 600.00	\$ 37,200.00	\$ 500.00	\$ 31,000.00	\$ 594.05	\$ 36,831.10	\$ 1,500.00	\$ 93,000.00	\$ 1,600.00	\$ 99,200.00	\$ 550.00	\$ 34,100.00
H-W-95	Remove and Salvage Existing Fire Hydrant	EA	17	\$ 1,250.00	\$ 21,250.00	\$ 600.00	\$ 10,200.00	\$ 968.61	\$ 16,466.37	\$ 3,000.00	\$ 51,000.00	\$ 910.00	\$ 15,470.00	\$ 500.00	\$ 8,500.00
H-S-3	12" PVC SDR 26 Sewer Pipe	LF	10	\$ 72.00	\$ 720.00	\$ 60.00	\$ 600.00	\$ 138.53	\$ 1,385.30	\$ 50.00	\$ 500.00	\$ 195.00	\$ 1,950.00	\$ 20.00	\$ 200.00
H-S-4	15" PVC SDR 26 Sewer Pipe	LF	120	\$ 83.00	\$ 9,960.00	\$ 80.00	\$ 9,600.00	\$ 133.36	\$ 16,003.20	\$ 60.00	\$ 7,200.00	\$ 203.00	\$ 24,360.00	\$ 30.00	\$ 3,600.00
H-S-5	18" PVC SDR 26 Sewer Pipe	LF	10	\$ 98.00	\$ 980.00	\$ 100.00	\$ 1,000.00	\$ 180.85	\$ 1,808.50	\$ 70.00	\$ 700.00	\$ 207.00	\$ 2,070.00	\$ 35.00	\$ 350.00
H-S-35	Trench Excavation 0-15' Depth	CY	30	\$ 50.00	\$ 1,500.00	\$ 75.00	\$ 2,250.00	\$ 65.48	\$ 1,964.40	\$ 100.00	\$ 3,000.00	\$ 127.00	\$ 3,810.00	\$ 75.00	\$ 2,250.00
H-S-37	Aggregate Trench Backfill Above Pipe Zone	CY	30	\$ 60.00	\$ 1,800.00	\$ 65.00	\$ 1,950.00	\$ 87.93	\$ 2,637.90	\$ 50.00	\$ 1,500.00	\$ 97.00	\$ 2,910.00	\$ 50.00	\$ 1,500.00
H-S-40	Additional PVC Fittings - Larger than 10"	EA	40	\$ 500.00	\$ 20,000.00	\$ 500.00	\$ 20,000.00	\$ 757.26	\$ 30,290.40	\$ 750.00	\$ 30,000.00	\$ 320.00	\$ 12,800.00	\$ 150.00	\$ 6,000.00
H-S-63	Catch Basin - Cast-In-Place - Type 1 Modified	EA	4	\$ 6,000.00	\$ 24,000.00	\$ 7,500.00	\$ 30,000.00	\$ 6,837.19	\$ 27,348.76	\$ 6,000.00	\$ 24,000.00	\$ 860.00	\$ 3,440.00	\$ 14,000.00	\$ 56,000.00
H-S-65	Catch Basin - Cast-In-Place - Type 13	EA	1	\$ 5,500.00	\$ 5,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,630.25	\$ 6,630.25	\$ 6,000.00	\$ 6,000.00	\$ 7,200.00	\$ 7,200.00	\$ 14,000.00	\$ 14,000.00
H-S-68	Catch Basin - Pre-Cast - Type 13	EA	17	\$ 3,000.00	\$ 51,000.00	\$ 5,000.00	\$ 85,000.00	\$ 5,654.42	\$ 96,125.14	\$ 3,000.00	\$ 51,000.00	\$ 7,200.00	\$ 122,400.00	\$ 8,750.00	\$ 148,750.00
H-S-69	Catch Basin/Inlet Tie-in	EA	20	\$ 600.00	\$ 12,000.00	\$ 1,500.00	\$ 30,000.00	\$ 876.31	\$ 17,526.20	\$ 250.00	\$ 5,000.00	\$ 300.00	\$ 6,000.00	\$ 475.00	\$ 9,500.00
H-R-1	Concrete Paving Base (All Classes)	CY	1300	\$ 370.00	\$ 481,000.00	\$ 425.00	\$ 552,500.00	\$ 445.61	\$ 579,293.00	\$ 400.00	\$ 520,000.00	\$ 418.00	\$ 543,400.00	\$ 400.00	\$ 520,000.00
H-R-3	Concrete Sidewalk and ADA Handicapped Ramp	SY	1060	\$ 115.00	\$ 121,900.00	\$ 117.00	\$ 124,020.00	\$ 137.13	\$ 145,357.80	\$ 120.00	\$ 127,200.00	\$ 186.00	\$ 197,160.00	\$ 220.00	\$ 233,200.00
H-R-4	Concrete Deep Curb and Deep Radius Curb	LF	25	\$ 115.00	\$ 2,875.00	\$ 60.00	\$ 1,500.00	\$ 95.51	\$ 2,387.75	\$ 75.00	\$ 1,875.00	\$ 360.00	\$ 9,000.00	\$ 77.00	\$ 1,925.00
H-R-5	Concrete Deck Curb and Deck Radius Curb (All Finishes)	LF	1040	\$ 35.00	\$ 36,400.00	\$ 35.00	\$ 36,400.00	\$ 28.21	\$ 29,338.40	\$ 50.00	\$ 52,000.00	\$ 52.00	\$ 54,080.00	\$ 41.25	\$ 42,800.00
H-R-7	Cold Patch Bituminous Pavement Replacement	TON	1000	\$ 125.00	\$ 125,000.00	\$ 125.00	\$ 125,000.00	\$ 137.14	\$ 137,140.00	\$ 135.00	\$ 135,000.00	\$ 117.00	\$ 117,000.00	\$ 95.00	\$ 95,000.00
H-R-8	Milling - Wearing Course	SY	15100	\$ 3.85	\$ 58,135.00	\$ 3.00	\$ 45,300.00	\$ 2.13	\$ 32,163.00	\$ 1.84	\$ 27,784.00	\$ 3.40	\$ 51,340.00	\$ 4.75	\$ 71,725.00
H-R-9	Milling - Binder Course - Primary Street	SY	12100	\$ 4.65	\$ 56,265.00	\$ 3.00	\$ 36,300.00	\$ 2.66	\$ 32,186.00	\$ 2.35	\$ 28,435.00	\$ 3.25	\$ 39,325.00	\$ 5.25	\$ 63,525.00
H-R-10	Milling - Binder Course - Secondary Street	SY	3100	\$ 4.65	\$ 14,415.00	\$ 3.00	\$ 9,300.00	\$ 2.66	\$ 8,246.00	\$ 2.35	\$ 7,285.00	\$ 3.00	\$ 9,300.00	\$ 5.25	\$ 18,135.00
H-R-11	Bituminous Pavement Replacement - Wearing Course	SY	15100	\$ 9.15	\$ 138,165.00	\$ 9.00	\$ 135,900.00	\$ 9.06	\$ 136,806.00	\$ 8.52	\$ 128,652.00	\$ 8.30	\$ 125,330.00	\$ 10.50	\$ 158,550.00
H-R-12	Bituminous Pavement Replacement - Binder Course - Primary Street	SY	15600	\$ 14.00	\$ 218,400.00	\$ 17.00	\$ 265,200.00	\$ 13.86	\$ 216,216.00	\$ 13.00	\$ 202,800.00	\$ 12.00	\$ 187,200.00	\$ 14.00	\$ 218,400.00
H-R-13	Bituminous Pavement Replacement - Binder Course - Secondary Street	SY	3900	\$ 13.25	\$ 51,675.00	\$ 16.00	\$ 62,400.00	\$ 11.19	\$ 43,641.00	\$ 10.46	\$ 40,794.00	\$ 9.50	\$ 37,050.00	\$ 15.00	\$ 58,50

SS-U-12	Flag Person	MHR	6810	\$ 68.00	\$ 463,080.00	\$ 50.00	\$ 340,500.00	61.82	\$ 420,994.20	50	\$ 340,500.00	\$ 74.00	\$ 503,940.00	\$ 75.00	\$ 510,750.00
SS-U-13	Off Duty Uniformed Officer	MHR	850	\$ 65.00	\$ 55,250.00	\$ 55.00	\$ 46,750.00	69.28	\$ 58,888.00	60	\$ 51,000.00	\$ 63.00	\$ 53,550.00	\$ 50.00	\$ 42,500.00
SS-U-14	Miscellaneous Work Time For a Full Crew	CHR	170	\$ 450.00	\$ 76,500.00	\$ 700.00	\$ 119,000.00	675	\$ 114,750.00	500	\$ 85,000.00	\$ 660.00	\$ 112,200.00	\$ 525.00	\$ 89,250.00
SS-U-15	Miscellaneous Premium Work for Full Time Crew	CHR	170	\$ 550.00	\$ 93,500.00	\$ 350.00	\$ 59,500.00	825	\$ 140,250.00	300	\$ 51,000.00	\$ 355.00	\$ 60,350.00	\$ 550.00	\$ 93,500.00
SS-U-17	Master Plumber Time	MHR	16	\$ 88.00	\$ 1,408.00	\$ 95.00	\$ 1,520.00	101.26	\$ 1,520.00	125	\$ 2,000.00	\$ 173.00	\$ 2,768.00	\$ 125.00	\$ 2,000.00
SS-U-18	Journeyman Plumber Time	MHR	16	\$ 85.00	\$ 1,360.00	\$ 85.00	\$ 1,360.00	93.79	\$ 1,500.64	100	\$ 1,600.00	\$ 138.00	\$ 2,208.00	\$ 85.00	\$ 1,360.00
SS-U-501	Erosion and Sediment Control	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 15,000.00	\$ 15,000.00	8576.43	\$ 8,576.43	3000	\$ 3,000.00	\$ 5,800.00	\$ 5,800.00	\$ 3,000.00	\$ 3,000.00
SS-W-1	4" Ductile Iron Pipe Class 52	LF	80	\$ 241.00	\$ 19,280.00	\$ 115.00	\$ 9,200.00	#VALUE!		135	\$ 10,800.00	\$ 226.00	\$ 18,080.00	\$ 180.00	\$ 14,400.00
SS-W-2	5" Ductile Iron Pipe Class 52	LF	500	\$ 137.00	\$ 68,500.00	\$ 125.00	\$ 62,500.00	113.3	\$ 62,500.00	145	\$ 72,500.00	\$ 231.00	\$ 115,500.00	\$ 181.00	\$ 90,500.00
SS-W-3	8" Ductile Iron Pipe Class 52	LF	8300	\$ 120.00	\$ 996,000.00	\$ 183.00	\$ 1,518,900.00	129.14	\$ 1,071,862.00	165	\$ 1,369,500.00	\$ 195.00	\$ 1,618,500.00	\$ 204.00	\$ 1,683,200.00
SS-W-4	10" Ductile Iron Pipe Class 52	LF	10	\$ 410.00	\$ 4,100.00	\$ 140.00	\$ 1,400.00	144.2	\$ 1,442.00	80	\$ 800.00	\$ 240.00	\$ 2,400.00	\$ 183.00	\$ 1,830.00
SS-W-15	Water Service Line - PE2a - 1" Diameter and Less	LF	3750	\$ 154.00	\$ 577,500.00	\$ 65.00	\$ 243,750.00	87.28	\$ 327,300.00	100	\$ 375,000.00	\$ 68.00	\$ 255,000.00	\$ 68.00	\$ 255,000.00
SS-W-16	Water Service Line - PE2a - Greater than 1" Diameter	LF	10	\$ 400.00	\$ 4,000.00	\$ 80.00	\$ 800.00	94.39	\$ 943.90	100	\$ 1,000.00	\$ 80.00	\$ 800.00	\$ 80.00	\$ 800.00
SS-W-18	Water Service Line - Copper - Greater Than 1" Diameter	LF	10	\$ 400.00	\$ 4,000.00	\$ 80.00	\$ 800.00	105.45	\$ 1,054.50	100	\$ 1,000.00	\$ 73.00	\$ 730.00	\$ 80.00	\$ 800.00
SS-W-19	Extra Waterline Trench Excavation and Backfill (Greater than 8 feet deep)	CY	40	\$ 50.00	\$ 2,000.00	\$ 75.00	\$ 3,000.00	95.73	\$ 3,829.20	100	\$ 4,000.00	\$ 113.00	\$ 4,520.00	\$ 55.00	\$ 2,200.00
SS-W-20A	Service Line Connection - Wet or Dry Tap (1")	EA	228	\$ 750.00	\$ 171,000.00	\$ 500.00	\$ 114,000.00	1815.29	\$ 413,886.12	400	\$ 91,200.00	\$ 1,050.00	\$ 239,400.00	\$ 1,460.00	\$ 332,880.00
SS-W-20B	Service Line Connection - Wet or Dry Tap (>1")	EA	1	\$ 1,250.00	\$ 1,250.00	\$ 800.00	\$ 800.00	2036.48	\$ 2,036.48	600	\$ 600.00	\$ 1,140.00	\$ 1,140.00	\$ 1,750.00	\$ 1,750.00
SS-W-21A	Mechanical Joint Ductile Iron Fittings	LB	56300	\$ 4.16	\$ 234,208.00	\$ 6.00	\$ 337,800.00	5.72	\$ 322,036.00	8	\$ 450,400.00	\$ 5.35	\$ 301,205.00	\$ 4.00	\$ 225,200.00
SS-W-23	Medium Extension Gate Box - Cast Iron, Round Lid	EA	93	\$ 400.00	\$ 37,200.00	\$ 450.00	\$ 41,850.00	693.09	\$ 64,457.37	60	\$ 55,800.00	\$ 585.00	\$ 54,405.00	\$ 525.00	\$ 48,825.00
SS-W-24	Remove and Salvage Existing Deep Frame and Cover, Risers and/or M.E.G. Box Outside of Trench Area	EA	53	\$ 1,000.00	\$ 53,000.00	\$ 200.00	\$ 10,600.00	172.98	\$ 9,167.94	100	\$ 5,300.00	\$ 396.00	\$ 20,988.00	\$ 150.00	\$ 7,950.00
SS-W-28	Reset Existing Fire Hydrant to New Water Line	EA	3	\$ 1,500.00	\$ 4,500.00	\$ 3,500.00	\$ 10,500.00	2366.29	\$ 7,098.87	5000	\$ 15,000.00	\$ 2,300.00	\$ 6,900.00	\$ 1,200.00	\$ 3,600.00
SS-W-29	Install New Fire Hydrant	EA	14	\$ 3,800.00	\$ 53,200.00	\$ 5,500.00	\$ 77,000.00	4633.41	\$ 64,867.74	5000	\$ 70,000.00	\$ 5,000.00	\$ 70,000.00	\$ 5,250.00	\$ 73,500.00
SS-W-31	Temporary Water Service, All Sizes	EA	40	\$ 150.00	\$ 6,000.00	\$ 120.00	\$ 4,800.00	786.19	\$ 31,447.60	1000	\$ 40,000.00	\$ 68.00	\$ 2,720.00	\$ 150.00	\$ 6,000.00
SS-W-32	4" to 10" Sewer Lateral Encountered in Water Line Trench	LF	50	\$ 55.00	\$ 2,750.00	\$ 80.00	\$ 4,000.00	331.25	\$ 6,562.50	90	\$ 2,500.00	\$ 340.00	\$ 17,000.00	\$ 85.00	\$ 4,250.00
SS-W-34	Gate Valve Installed as Part of New Water Line - 4"	EA	2	\$ 1,000.00	\$ 2,000.00	\$ 600.00	\$ 1,200.00	1394.43	\$ 2,788.86	1000	\$ 2,000.00	\$ 1,040.00	\$ 2,080.00	\$ 950.00	\$ 1,900.00
SS-W-35	Gate Valve Installed as Part of New Water Line - 6"	EA	14	\$ 1,000.00	\$ 14,000.00	\$ 900.00	\$ 12,600.00	1280.82	\$ 19,331.48	1200	\$ 16,800.00	\$ 1,200.00	\$ 16,800.00	\$ 1,100.00	\$ 15,400.00
SS-W-36	Gate Valve Installed as Part of New Water Line - 8"	EA	73	\$ 1,300.00	\$ 94,900.00	\$ 1,600.00	\$ 116,800.00	1950.21	\$ 143,095.33	2000	\$ 146,000.00	\$ 1,600.00	\$ 116,800.00	\$ 1,700.00	\$ 124,100.00
SS-W-37	Gate Valve Installed as Part of New Water Line - 10"	EA	1	\$ 2,700.00	\$ 2,700.00	\$ 2,000.00	\$ 2,000.00	2905.68	\$ 2,905.68	2600	\$ 2,600.00	\$ 280.00	\$ 280.00	\$ 2,000.00	\$ 2,000.00
SS-W-64	Waterline - Line Stop (Double) - 8" through 18"	INCH OF DIAMETER	12	\$ 835.00	\$ 10,020.00	\$ 1,000.00	\$ 12,000.00	89.01	\$ 1,068.12	1000	\$ 12,000.00	\$ 950.00	\$ 11,400.00	\$ 1,000.00	\$ 12,000.00
SS-W-86	Service Line Material Verification	EA	232	\$ 900.00	\$ 208,800.00	\$ 1,500.00	\$ 348,000.00	1647.25	\$ 382,162.00	1500	\$ 348,000.00	\$ 860.00	\$ 199,520.00	\$ 9.00	\$ 2,088.00
SS-W-87	Private Water Service Line Replacement, 1" Diameter and Less - 0 to 20 LF in Total Length	EA	158	\$ 4,000.00	\$ 632,000.00	\$ 4,300.00	\$ 679,400.00	5331.15	\$ 842,321.70	5000	\$ 790,000.00	\$ 2,870.00	\$ 453,460.00	\$ 4,450.00	\$ 703,100.00
SS-W-88	Private Water Service Line Replacement, 1" Diameter and Less - Greater Than 20 LF in Total Length	LF	325	\$ 80.00	\$ 26,000.00	\$ 70.00	\$ 22,750.00	87.34	\$ 28,385.50	80	\$ 26,000.00	\$ 98.00	\$ 31,850.00	\$ 65.00	\$ 21,125.00
SS-W-90	Installation of Additional Concrete Floor Penetrations	EA	158	\$ 600.00	\$ 94,800.00	\$ 500.00	\$ 79,000.00	594.03	\$ 93,856.74	1500	\$ 237,000.00	\$ 1,600.00	\$ 252,800.00	\$ 600.00	\$ 94,800.00
SS-W-95	Remove and Salvage Existing Fire Hydrant	EA	14	\$ 1,000.00	\$ 14,000.00	\$ 600.00	\$ 8,400.00	968.61	\$ 13,560.54	3000	\$ 42,000.00	\$ 910.00	\$ 12,740.00	\$ 650.00	\$ 9,100.00
SS-S-3	12" PVC SDR 26 Sewer Pipe	LF	10	\$ 72.00	\$ 720.00	\$ 60.00	\$ 600.00	138.53	\$ 1,385.30	50	\$ 500.00	\$ 195.00	\$ 1,950.00	\$ 20.00	\$ 200.00
SS-S-4	15" PVC SDR 26 Sewer Pipe	LF	225	\$ 83.00	\$ 18,675.00	\$ 80.00	\$ 18,000.00	133.36	\$ 30,006.00	60	\$ 13,500.00	\$ 203.00	\$ 45,675.00	\$ 40.00	\$ 9,000.00
SS-S-5	18" PVC SDR 26 Sewer Pipe	LF	10	\$ 98.00	\$ 980.00	\$ 100.00	\$ 1,000.00	176.41	\$ 1,764.10	70	\$ 700.00	\$ 207.00	\$ 2,070.00	\$ 41.00	\$ 410.00
SS-S-10	24" RCP Class IV Sewer Pipe	LD	10	\$ 230.00	\$ 2,300.00	\$ 130.00	\$ 1,300.00	155.85	\$ 1,558.50	100	\$ 1,000.00	\$ 300.00	\$ 3,000.00	\$ 75.00	\$ 750.00
SS-S-25	Trench Excavation 0-15' Depth	CY	80	\$ 50.00	\$ 4,000.00	\$ 75.00	\$ 6,000.00	63.41	\$ 5,072.80	100	\$ 8,000.00	\$ 127.00	\$ 10,160.00	\$ 80.00	\$ 6,400.00
SS-S-36	Additional Trench Excavation (Greater Than 15' Depth)	CY	25	\$ 150.00	\$ 3,750.00	\$ 110.00	\$ 2,750.00	65.5	\$ 1,637.50	150	\$ 3,750.00	\$ 127.00	\$ 3,175.00	\$ 60.00	\$ 1,500.00
SS-S-37	Aggregate Trench Backfill Above Pipe Zone	CY	80	\$ 60.00	\$ 4,800.00	\$ 65.00	\$ 5,200.00	91.97	\$ 7,357.60	50	\$ 4,000.00	\$ 97.00	\$ 7,760.00	\$ 55.00	\$ 4,400.00
SS-S-40	Additional PVC Fittings - Larger than 10"	EA	75	\$ 500.00	\$ 37,500.00	\$ 500.00	\$ 37,500.00	806.19	\$ 60,464.25	750	\$ 56,250.00	\$ 325.00	\$ 24,375.00	\$ 150.00	\$ 11,250.00
SS-S-49	48" Pre-Cast Manhole (0' to 15' Depth)	EA	1	\$ 12,000.00	\$ 12,000.00	\$ 9,000.00	\$ 9,000.00	9520.49	\$ 9,520.49	7000	\$ 7,000.00	\$ 5,000.00	\$ 5,000.00	\$ 7,500.00	\$ 7,500.00
	48" Pre-Cast Manhole (Over 15' Depth)	VF	4	\$ 2,000.00	\$ 8,000.00	\$ 6,000.00	\$ 24,000.00	502.42	\$ 2,009.68	300	\$ 1,200.00	\$ 1,000.00	\$ 4,000.00	\$ 250.00	\$ 1,000.00
SS-S-55	Manhole Tie-in/Connection	EA	2	\$ 1,000.00	\$ 2,000.00	\$ 1,250.00	\$ 2,500.00	776.71	\$ 1,553.42	500	\$ 1,000.00	\$ 300.00	\$ 600.00	\$ 600.00	\$ 1,200.00
SS-S-63	Catch Basin - Cast-In-Place - Type 1 Modified	EA	6	\$ 6,000.00	\$ 36,000.00	\$ 7,500.00	\$ 45,000.00	6519.66	\$ 39,117.96	6000	\$ 36,000.00	\$ 8,600.00	\$ 51,600.00	\$ 14,000.00	\$ 84,000.00
SS-S-65	Catch Basin - Cast-In-Place - Type 13	EA	1	\$ 6,000.00	\$ 6,000.00	\$ 6,500.00	\$ 6,500.00	6630.25	\$ 6,630.25	6000	\$ 6,000.00	\$ 7,100.00	\$ 7,100.00	\$ 14,000.00	\$ 14,000.00
SS-S-68	Catch Basin - Pre-Cast - Type 13	EA	33	\$ 3,000.00	\$ 99,000.00	\$ 5,000.00	\$ 165,000.00	5654.42	\$ 186,595.86	3000	\$ 99,000.00	\$ 7,100.00	\$ 234,300.00	\$ 9,250.00	\$ 305,250.00
SS-S-69	Catch Basin/Inlet Tie-in	EA	39	\$ 600.00	\$ 23,400.00	\$ 1,500.00	\$ 58,500.00	596.73	\$ 23,272.47	250	\$ 9,750.00	\$ 300.00	\$ 11,700.00	\$ 450.00	\$ 17,550.00
SS-R-1	Concrete Paving Base (All Classes)	CY	1800	\$ 370.00	\$ 666,000.00	\$ 425.00	\$ 765,000.00	447.14	\$ 804,852.00	400	\$ 720,000.00	\$ 418.00	\$ 752,400.00	\$ 410.00	\$ 738,000.00
SS-R-3	Concrete Sidewalk and ADA Handicapped Ramp	SY	1500	\$ 115.00	\$ 172,500.00	\$ 117.00	\$ 175,500.00	143.36	\$ 215,040.00	120	\$ 180,000.00	\$ 186.00	\$ 279,000.00	\$ 220.00	\$ 330,000.00
SS-R-4	Concrete Deep Curb and Deep Radius Curb	LF	25	\$ 115.00	\$ 2,875.00	\$ 65.00	\$ 1,625.00	84.79	\$ 2,119.75	75	\$ 1,875.00	\$ 360.00	\$ 9,000.00	\$ 77.00	\$ 1,925.00
SS-R-5	Concrete Deck Curb and Deck Radius Curb (All Finishes)	LF	1420	\$ 35.00	\$ 49,700.00	\$ 35.00	\$ 49,700.00	27.17	\$ 38,581.40	50	\$ 71,000.00	\$ 53.00	\$ 75,260.00	\$ 41.25	\$ 58,575.00
SS-R-7	Cold Patch Bituminous Pavement Replacement	TON	1400	\$ 115.00	\$ 161,000.00	\$ 125.00	\$ 175,000.00	138.83	\$ 194,390.00	135	\$ 189,000.00	\$ 115.00	\$ 161,000.00	\$ 95.00	\$ 133,000.00
SS-R-8	Milling - Wearing Course	SY	18200	\$ 2.95	\$ 53,690.00	\$ 3.00	\$ 54,600.00	2.09	\$ 37,310.00	200	\$ 50,000.00	\$ 2.80	\$ 50,960.00	\$ 4.00	\$ 72,800.00
SS-R-9	Milling - Binder Course - Primary Street	SY	14600	\$ 3.65	\$ 53,290.00	\$ 3.00	\$ 43,800.00	2.66	\$ 38,836.00	235	\$ 34,310.00	\$ 2.90	\$ 42,340.00	\$ 5.00	\$ 73,000.00
SS-R-10	Milling - Binder Course - Secondary Street	SY	3700	\$ 3.50	\$ 12,950.00	\$ 3.00	\$ 11,100.00	2.66	\$ 9,842.00	235	\$ 8,695.00	\$ 4.50	\$ 16,650.00	\$ 5.00	\$ 18,500.00
SS-R-11	Bituminous Pavement Replacement - Wearing Course	SY	18200	\$ 8.75	\$ 159,250.00	\$ 9.00	\$ 163,800.00	9.59	\$ 174,538.00	7.82	\$ 142,324.00	\$ 8.60	\$ 156,520.00	\$ 10.00	\$ 182,000.00
SS-R-12	Bituminous Pavement Replacement - Binder Course - Primary Street	SY	19600	\$ 13.15	\$ 257,740.00	\$ 17.00	\$ 333,200.00	14.12	\$ 276,752.00	13.26	\$ 259,896.00	\$ 12.30	\$ 241,080.00	\$ 14.00	\$ 274,400.00
SS-R-13	Bituminous Pavement Replacement - Binder Course - Secondary Street	SY	4900	\$ 12.65	\$ 61,985.00	\$ 16.00	\$ 78,400.00	11.19	\$ 54,831.00	10.56	\$ 51,744.00	\$ 9.50	\$ 46,550.00	\$ 15.00	\$ 73,500.00
SS-R-17	Salvage and Deliver Blockstone and Brick	SY	50	\$ 25.00	\$ 1,250.00	\$ 60.00	\$ 3,000.00	21.16	\$ 1,058.00	25	\$ 1,250.00	\$ 74.00	\$ 3,700.00	\$ 60.00	\$ 3,000.00
SS-R-19	Landscape Restoration	SY	860	\$ 7.00	\$ 6,020.00	\$ 8.00	\$ 6,880.00	15.99	\$ 13,751.40	10	\$ 8,600.00	\$ 20.00	\$ 17,200.00	\$ 20.00	\$ 17,200.00