

3/15/2018

City of Duluth PW&USchedule Of Prices Report

Low Bid: Northland Constructors of Duluth, LLC

Project Number: SAP 118-171-006

Project Title or Road Number: Superior Street Reconstruction - 7th Ave W to 4th Ave E

Work Type: Reconstruction

Item No.	Description	Units	Quantity	Unit Price	Total Price
2011.601	AS BUILT	LUMP SUM	1	\$11,200.00	\$11,200.00
2016.601	PUBLIC INFORMATION MANAGEMENT	LUMP SUM	1	\$135,500.00	\$135,500.00
2021.501	MOBILIZATION	LUMP SUM	1	\$4,130,517.70	\$4,130,517.70
2031.501	FIELD OFFICE TYPE D	EACH	1	\$95,000.00	\$95,000.00
2100.614	TRELLIS	STRUCTURE	1	\$35,800.00	\$35,800.00
2101.502	CLEARING	TREE	47	\$350.00	\$16,450.00
2102.502	PAVEMENT MARKING REMOVAL	LIN FT	150	\$1.05	\$157.50
2104.501	REMOVE WATER MAIN (P)	LIN FT	6,270.00	\$13.00	\$81,510.00
2104.501	REMOVE SEWER PIPE (STORM) (P)	LIN FT	5,610.00	\$23.00	\$129,030.00
2104.501	REMOVE CURB & GUTTER (P)	LIN FT	11,180.00	\$3.50	\$39,130.00
2104.501	REMOVE RETAINING WALL	LIN FT	235	\$60.00	\$14,100.00
2104.501	REMOVE CONCRETE RETAINING WALL	LIN FT	100	\$125.00	\$12,500.00
2104.501	REMOVE WOOD RETAINING WALL	LIN FT	304	\$22.00	\$6,688.00
2104.501	REMOVE CHAIN LINK FENCE	LIN FT	100	\$3.00	\$300.00
2104.501	REMOVE ORNAMENTAL RAILING	LIN FT	265	\$7.00	\$1,855.00
2104.501	REMOVE STREETCAR TRACKS	LIN FT	5,294.00	\$3.00	\$15,882.00
2104.501	REMOVE CONDUIT SYSTEM (P)	LIN FT	12,220.00	\$5.00	\$61,100.00
2104.501	REMOVE 45-INCH BRICK STORM (P)	LIN FT	478	\$60.00	\$28,680.00
2104.501	REMOVE ABANDONED GAS	LIN FT	6,108.00	\$9.00	\$54,972.00
2104.501	REMOVE DUCT BANK	LIN FT	5,470.00	\$13.00	\$71,110.00
2104.501	REMOVE ASBESTOS-CONTAINING PIPES TYPE A	LIN FT	4,247.00	\$100.00	\$424,700.00
2104.501	REMOVE ASBESTOS-CONTAINING PIPES TYPE B	LIN FT	1,072.00	\$80.00	\$85,760.00
2104.501	REMOVE ASBESTOS-CONTAINING PIPES TYPE C	LIN FT	27	\$135.00	\$3,645.00
2104.501	REMOVE ASBESTOS-CONTAINING PIPES TYPE D	LIN FT	70	\$65.00	\$4,550.00
2104.501	REMOVE ASBESTOS-CONTAINING PIPES TYPE E	LIN FT	1,525.00	\$53.00	\$80,825.00
2104.503	REMOVE SIDEWALK (P)	SQ FT	18,438.00	\$1.50	\$27,657.00
2104.503	REMOVE BRICK SIDEWALK (P)	SQ FT	128,295.00	\$1.80	\$230,931.00
2104.503	REMOVE CONCRETE SLAB	SQ FT	140	\$3.50	\$490.00
2104.505	REMOVE PAVEMENT (P)	SQ YD	35,080.00	\$12.00	\$420,960.00
2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	411	\$8.00	\$3,288.00
2104.507	REMOVE STONE WALL	CU YD	120	\$120.00	\$14,400.00
2104.509	REMOVE MISCELLANEOUS STRUCTURES	EACH	1	\$1,500.00	\$1,500.00
2104.509	REMOVE LIGHTING UNIT	EACH	139	\$610.00	\$84,790.00
2104.509	REMOVE STAIRS	EACH	1	\$1,200.00	\$1,200.00
2104.509	REMOVE UTILITY VAULT	EACH	56	\$2,100.00	\$117,600.00
2104.509	REMOVE MANHOLE OR CATCH BASIN	EACH	103	\$275.00	\$28,325.00
2104.509	REMOVE CASTING	EACH	36	\$150.00	\$5,400.00
2104.509	REMOVE HYDRANT	EACH	21	\$1,500.00	\$31,500.00
2104.509	REMOVE SIGN TYPE SPECIAL	EACH	1	\$105.00	\$105.00
2104.509	REMOVE SIGNAL SYSTEM A	EACH	1	\$11,900.00	\$11,900.00
2104.509	REMOVE SIGNAL SYSTEM B	EACH	1	\$11,900.00	\$11,900.00
2104.509	REMOVE SIGNAL SYSTEM C	EACH	1	\$11,900.00	\$11,900.00
2104.509	REMOVE SIGNAL SYSTEM D	EACH	1	\$11,900.00	\$11,900.00
2104.509	REMOVE SIGNAL SYSTEM E	EACH	1	\$11,900.00	\$11,900.00
2104.509	REMOVE SIGNAL SYSTEM F	EACH	1	\$11,900.00	\$11,900.00
2104.509	REMOVE SIGNAL SYSTEM G	EACH	1	\$11,900.00	\$11,900.00
2104.509	REMOVE SIGNAL SYSTEM H	EACH	1	\$11,900.00	\$11,900.00
2104.509	REMOVE SIGNAL SYSTEM I	EACH	1	\$11,900.00	\$11,900.00
2104.509	REMOVE SIGNAL SYSTEM J	EACH	1	\$11,900.00	\$11,900.00
2104.509	REMOVE BUS STOP SHELTER FOUNDATION	EACH	7	\$600.00	\$4,200.00
2104.509	REMOVE KIOSK OR BOLLARD	EACH	26	\$400.00	\$10,400.00
2104.509	REMOVE CLOCK	EACH	2	\$1,300.00	\$2,600.00
2104.509	REMOVE TREE GRATE AND CASTING	EACH	47	\$220.00	\$10,340.00
2104.509	REMOVE LIGHTING SYSTEM 1	EACH	1	\$450.00	\$450.00
2104.509	REMOVE LIGHTING SYSTEM 2	EACH	1	\$3,600.00	\$3,600.00
2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	1,350.00	\$4.50	\$6,075.00
2104.511	SAWING PAVEMENT (FULL DEPTH)	LIN FT	1,463.00	\$4.75	\$6,949.25
2104.513	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	434	\$1.80	\$781.20
2104.523	SALVAGE BUS STOP SHELTER	EACH	5	\$1,400.00	\$7,000.00

Item No.	Description	Units	Quantity	Unit Price	Total Price
2104.523	SALVAGE SIGN	EACH	26	\$52.00	\$1,352.00
2104.523	SALVAGE SIGN TYPE C	EACH	41	\$52.00	\$2,132.00
2104.523	SALVAGE SIGN TYPE SPECIAL	EACH	1	\$105.00	\$105.00
2104.523	SALVAGE SIGN PANEL TYPE C	EACH	130	\$26.00	\$3,380.00
2104.609	REMOVE PARKING METER POST	EACH	67	\$65.00	\$4,355.00
2104.618	REMOVE PLAZA PAVING SYSTEM (P)	SQ FT	2,845.00	\$3.60	\$10,242.00
2104.618	REMOVE VAULT ROOF	SQ FT	2,806.00	\$13.00	\$36,478.00
2104.618	REMOVE VAULT ACCESS HATCH	SQ FT	194	\$33.00	\$6,402.00
2105.501	COMMON EXCAVATION (P)	CU YD	34,124.00	\$22.00	\$750,728.00
2105.522	SELECT GRANULAR BORROW MOD 7% (CV) (P)	CU YD	38,082.00	\$25.00	\$952,050.00
2105.526	SELECT TOPSOIL BORROW	CU YD	72	\$110.00	\$7,920.00
2105.604	GEOTEXTILE FABRIC TYPE I	SQ YD	315	\$3.00	\$945.00
2105.604	GEOTEXTILE FABRIC TYPE V	SQ YD	265	\$3.00	\$795.00
2105.607	STRUCTURAL SOIL BORROW (CV)	CU YD	462	\$110.00	\$50,820.00
2105.607	TRENCH EXCAVATION CLASS R	CU YD	780	\$210.00	\$163,800.00
2105.607	EXCAVATION SPECIAL 1 (P)	CU YD	50	\$60.00	\$3,000.00
2105.607	EXCAVATION SPECIAL 2	CU YD	35	\$70.00	\$2,450.00
2105.607	EXCAVATION SPECIAL 3	CU YD	190	\$85.00	\$16,150.00
2105.607	STRUCTURE EXCAVATION CLASS R	CU YD	182	\$190.00	\$34,580.00
2105.609	HAUL AND DISPOSE OF CONTAMINATED MATERIAL	TON	473	\$60.00	\$28,380.00
2211.503	AGGREGATE BASE (CV) CLASS 5 (P)	CU YD	11,213.00	\$45.00	\$504,585.00
2232.502	MILL CONCRETE SURFACE (1.0")	SQ YD	595	\$15.00	\$8,925.00
2232.502	MILL CONCRETE SURFACE (2.0")	SQ YD	1,785.00	\$20.00	\$35,700.00
2301.504	CONCRETE PAVEMENT 8.0"	SQ YD	30,397.00	\$24.00	\$729,528.00
2301.508	SUPPLEMENTAL PAVEMENT REINFORCEMENT	POUND	19,444.00	\$2.30	\$44,721.20
2301.511	STRUCTURAL CONCRETE	CU YD	5,348.00	\$117.00	\$625,716.00
2301.538	DOWEL BAR	EACH	20,167.00	\$7.20	\$145,202.40
2301.602	DRILL AND GROUT DOWEL BAR (EPOXY COATED)	EACH	155	\$18.00	\$2,790.00
2301.603	PAVEMENT END ANCHOR	LIN FT	299	\$190.00	\$56,810.00
2301.607	STRUCTURAL CONCRETE (TYPE SPECIAL D)	CU YD	1,408.00	\$170.00	\$239,360.00
2360.501	TYPE SP 12.5 WEARING COURSEMIXTURE (3,C)	TON	62	\$150.00	\$9,300.00
2360.502	TYPE SP 12.5 NON WEARING COURSE MIXTURE (3,C)	TON	50	\$170.00	\$8,500.00
2401.501	STRUCTURAL CONCRETE (3S52)	CU YD	181	\$1,050.00	\$190,050.00
2401.513	TYPE CURB BARRIER CONCRETE (3S52)	LIN FT	255	\$33.00	\$8,415.00
2401.521	STRUCTURE EXCAVATION CLASS E	CU YD	940	\$52.00	\$48,880.00
2401.521	STRUCTURE EXCAVATION CLASS R	CU YD	30	\$190.00	\$5,700.00
2401.601	STRUCTURE EXCAVATION	LUMP SUM	1	\$39,500.00	\$39,500.00
2401.602	DOWEL BAR ASSEMBLY (EPOXY COATED)	EACH	15	\$40.00	\$600.00
2401.618	SPECIAL SURFACE FINISH (INPLACE)	SQ FT	1,040.00	\$3.00	\$3,120.00
2401.618	STRUCTURAL CONCRETE (SPECIAL)	SQ FT	194	\$200.00	\$38,800.00
2402.546	FLOOR DRAIN TYPE B702 MODIFIED	EACH	1	\$500.00	\$500.00
2402.583	ORNAMENTAL METAL RAILING	LIN FT	256	\$160.00	\$40,960.00
2402.583	ORNAMENTAL METAL RAILING TYPE SPECIAL	LIN FT	121	\$175.00	\$21,175.00
2402.603	SALVAGE & INSTALL METAL RAILING	LIN FT	26	\$185.00	\$4,810.00
2406.553	BRIDGE APPROACH PANELS	SQ YD	219	\$140.00	\$30,660.00
2411.501	STRUCTURAL CONCRETE (1G52)	CU YD	76	\$450.00	\$34,200.00
2411.501	STRUCTURAL CONCRETE (3G52)	CU YD	102	\$1,000.00	\$102,000.00
2411.501	ARCHITECTURAL CONCRETE TEXTURE B-1	SQ FT	6,906.00	\$9.00	\$62,154.00
2411.507	CONCRETE STAIRWAY 1	EACH	1	\$10,200.00	\$10,200.00
2411.507	CONCRETE STAIRWAY 2	EACH	1	\$22,300.00	\$22,300.00
2411.507	TRANSIT SHELTER (SPECIAL)	EACH	1	\$52,000.00	\$52,000.00
2411.541	REINFORCEMENT BARS	POUND	4,790.00	\$1.40	\$6,706.00
2411.541	REINFORCEMENT BARS (EPOXY COATED)	POUND	37,550.00	\$1.60	\$60,080.00
2411.601	DRAINAGE SYSTEM 1	LUMP SUM	1	\$4,200.00	\$4,200.00
2411.601	DRAINAGE SYSTEM 2	LUMP SUM	1	\$3,300.00	\$3,300.00
2411.603	CONCRETE PLANTER WALL (BRICK VENEER)	LIN FT	98	\$450.00	\$44,100.00
2411.603	CONCRETE RETAINING WALL TYPE L	LIN FT	34	\$400.00	\$13,600.00
2411.607	CONTROL DENSITY HYDRAULIC FILL	CU YD	745	\$120.00	\$89,400.00
2411.618	MODULAR BLOCK RETAINING WALL	SQ FT	1,462.00	\$33.00	\$48,246.00
2411.618	CONCRETE MASONRY WALL	SQ FT	607	\$26.00	\$15,782.00
2433.502	REMOVE CONCRETE	CU YD	242	\$430.00	\$104,060.00
2433.506	REMOVE BARRIER	LIN FT	18	\$100.00	\$1,800.00
2433.516	ANCHORAGES TYPE 1	EACH	528	\$20.00	\$10,560.00
2433.516	ANCHORAGES TYPE 2	EACH	365	\$23.00	\$8,395.00
2433.516	ANCHORAGES TYPE 3	EACH	17	\$28.00	\$476.00
2433.516	ANCHORAGES TYPE 4	EACH	11	\$43.00	\$473.00

Item No.	Description	Units	Quantity	Unit Price	Total Price
2433.516	ANCHORAGES TYPE 5	EACH	25	\$119.00	\$2,975.00
2433.605	REMOVE CONCRETE SURFACE	SQ FT	850	\$12.00	\$10,200.00
2433.618	CONCRETE SURFACE REPAIR	SQ FT	50	\$40.00	\$2,000.00
2433.618	CONCRETE SURFACE REPAIR TYPE 1	SQ FT	4,920.00	\$29.00	\$142,680.00
2433.618	CONCRETE SURFACE REPAIR TYPE 2	SQ FT	2,460.00	\$60.00	\$147,600.00
2433.618	CONCRETE SURFACE REPAIR TYPE 3	SQ FT	247	\$115.00	\$28,405.00
2433.618	RECONSTRUCT SIDEWALK (ADA)	SQ FT	1,300.00	\$20.00	\$26,000.00
2433.618	SCARIFY VAULT ROOF	SQ FT	21,305.00	\$1.40	\$29,827.00
2433.618	MODIFY VAULT ROOF	SQ FT	530	\$135.00	\$71,550.00
2451.503	GRANULAR BACKFILL (CV)	CU YD	22,865.00	\$23.00	\$525,895.00
2451.607	STRUCTURE EXCAVATION (CLASS E)	CU YD	271	\$40.00	\$10,840.00
2471.602	METAL EXHAUST LOUVER	EACH	1	\$5,300.00	\$5,300.00
2481.618	WATERPROOFING	SQ FT	21,745.00	\$11.00	\$239,195.00
2502.521	4" PVC PIPE DRAIN	LIN FT	52	\$16.00	\$832.00
2502.521	6" PVC PIPE DRAIN	LIN FT	33	\$72.00	\$2,376.00
2502.521	10" PVC PIPE DRAIN	LIN FT	28	\$58.00	\$1,624.00
2502.541	4" PERF PVC PIPE DRAIN	LIN FT	9,350.00	\$11.80	\$110,330.00
2503.511	12" PVC PIPE SEWER	LIN FT	3,371.00	\$54.00	\$182,034.00
2503.511	15" PVC PIPE SEWER	LIN FT	798	\$61.00	\$48,678.00
2503.511	18" PVC PIPE SEWER	LIN FT	1,452.00	\$77.00	\$111,804.00
2503.521	44" SPAN RC PIPE-ARCH SEWER CL IIA	LIN FT	31	\$244.00	\$7,564.00
2503.521	51" SPAN RC PIPE-ARCH SEWER CL IIA	LIN FT	57	\$256.00	\$14,592.00
2503.521	73" SPAN RC PIPE-ARCH SEWER CL IIA	LIN FT	59	\$322.00	\$18,998.00
2503.541	12" RC PIPE SEWER DES 3006 CLIII	LIN FT	36	\$85.00	\$3,060.00
2503.541	18" RC PIPE SEWER DES 3006 CL III	LIN FT	98	\$68.00	\$6,664.00
2503.541	21" RC PIPE SEWER DES 3006 CL III	LIN FT	75	\$78.00	\$5,850.00
2503.541	24" RC PIPE SEWER DES 3006 CLIII	LIN FT	744	\$82.00	\$61,008.00
2503.541	30" RC PIPE SEWER DES 3006 CL III	LIN FT	78	\$108.00	\$8,424.00
2503.541	36" RC PIPE SEWER DES 3006 CLIII	LIN FT	133	\$143.00	\$19,019.00
2503.541	60" RC PIPE SEWER DES 3006 CL III	LIN FT	26	\$337.00	\$8,762.00
2503.602	CONNECT TO EXISTING STORM SEWER	EACH	23	\$1,150.00	\$26,450.00
2503.602	STORM TRACER BOX	EACH	47	\$220.00	\$10,340.00
2503.602	CONNECT SEWER SERVICE	EACH	47	\$1,620.00	\$76,140.00
2503.602	SANITARY TRACER BOX	EACH	47	\$220.00	\$10,340.00
2503.602	CONNECT TO EXISTING ROOF DRAIN LEADER	EACH	47	\$1,250.00	\$58,750.00
2503.603	15" PVC SLOTTED DRAIN	LIN FT	30	\$235.00	\$7,050.00
2503.603	6" PVC SEWER SERVICE PIPE	LIN FT	172	\$95.00	\$16,340.00
2503.603	8" PVC SEWER SERVICE PIPE	LIN FT	176	\$132.00	\$23,232.00
2503.603	10" PVC SEWER SERVICE PIPE	LIN FT	101	\$136.00	\$13,736.00
2503.603	12" PVC SEWER SERVICE PIPE	LIN FT	15	\$150.00	\$2,250.00
2503.604	3" INSULATION	SQ YD	300	\$27.00	\$8,100.00
2504.601	TEMPORARY WATER SERVICE	LUMP SUM	1	\$320,500.00	\$320,500.00
2504.601	CONNECT TO EXISTING RADISSON TUNNEL	LUMP SUM	1	\$26,200.00	\$26,200.00
2504.602	RECONNECT WATER SERVICE	EACH	51	\$1,400.00	\$71,400.00
2504.602	CONNECT TO EXISTING WATER MAIN	EACH	18	\$1,700.00	\$30,600.00
2504.602	ADJUST VALVE BOX	EACH	2	\$310.00	\$620.00
2504.602	12" BUTTERFLY VALVE AND BOX	EACH	5	\$3,100.00	\$15,500.00
2504.602	16" BUTTERFLY VALVE AND BOX	EACH	2	\$5,350.00	\$10,700.00
2504.602	20" BUTTERFLY VALVE AND BOX	EACH	22	\$7,760.00	\$170,720.00
2504.602	6" GATE VALVE AND BOX	EACH	53	\$1,800.00	\$95,400.00
2504.602	8" GATE VALVE AND BOX	EACH	11	\$2,150.00	\$23,650.00
2504.602	INSTALL 20" X 2" TAPPING TEE W/ ELECTROFUSION SADDLE	EACH	7	\$710.00	\$4,970.00
2504.602	INSTALL 20" X 6" TAPPING TEEW/ ELECTROFUSION SADDLE	EACH	54	\$950.00	\$51,300.00
2504.602	INSTALL 20" X 8" TAPPING TEE W/ ELECTROFUSION SADDLE	EACH	12	\$950.00	\$11,400.00
2504.602	INSTALL 20" X 8" TAPPING TEE W/ ELECTROFUSION SADDLE (VERTICAL)	EACH	2	\$1,100.00	\$2,200.00
2504.602	20" X 12" HDPE MANUFACTURED TEE	EACH	5	\$1,130.00	\$5,650.00
2504.602	20" X 20" HDPE MANUFACTURED TEE	EACH	3	\$2,200.00	\$6,600.00
2504.602	WATER TRACER BOX	EACH	34	\$240.00	\$8,160.00
2504.602	HYDRANT ASSEMBLY	EACH	22	\$8,150.00	\$179,300.00
2504.602	2" CURB STOP AND BOX	EACH	7	\$1,300.00	\$9,100.00
2504.603	TEMPORARY THRUST BLOCK	EACH	4	\$2,350.00	\$9,400.00
2504.603	2" HDPE SDR 11 SERVICE PIPE	LIN FT	210	\$63.00	\$13,230.00
2504.603	6" HDPE SDR 11 SERVICE PIPE	LIN FT	1,793.00	\$77.00	\$138,061.00
2504.603	8" HDPE SDR 11 SERVICE PIPE	LIN FT	153	\$91.00	\$13,923.00
2504.603	12" HDPE SDR 11 SERVICE PIPE	LIN FT	67	\$107.00	\$7,169.00
2504.603	8" DIPS HDPE WATER MAIN SDR 11	LIN FT	590	\$71.00	\$41,890.00

Item No.	Description	Units	Quantity	Unit Price	Total Price
2504.603	12" DIPS HDPE WATER MAIN SDR 11	LIN FT	436	\$95.00	\$41,420.00
2504.603	16" DIPS HDPE WATER MAIN SDR 11	LIN FT	74	\$188.00	\$13,912.00
2504.603	INSTALL 20" DIPS HDPE WATER MAIN SDR 11	LIN FT	5,247.00	\$50.00	\$262,350.00
2505.603	HP GAS TRENCH EXCAVATION	LIN FT	755	\$29.00	\$21,895.00
2506.501	CONST DRAINAGE STRUCTURE DESIGN F	LIN FT	543	\$350.00	\$190,050.00
2506.501	CONST DRAINAGE STRUCTURE DES 60-4020	LIN FT	102	\$560.00	\$57,120.00
2506.501	CONSTRUCT DRAINAGE STRUCTURE DESIGN 72-4020	L F	36	\$700.00	\$25,200.00
2506.501	CONST DRAINAGE STRUCTURE DES 84-4020	LIN FT	34	\$950.00	\$32,300.00
2506.501	CONST DRAINAGE STRUCTURE DES 96-4020	LIN FT	51	\$1,350.00	\$68,850.00
2506.502	CONST DRAINAGE STRUCTUREDESIGN G OR H	EACH	60	\$2,220.00	\$133,200.00
2506.502	CONST DRAINAGE STRUCTUREDESIGN SPEC 1	EACH	4	\$1,750.00	\$7,000.00
2506.502	CONST DRAINAGE STRUCTUREDESIGN SPEC 2	EACH	3	\$2,500.00	\$7,500.00
2506.502	CONST DRAINAGE STRUCTUREDESIGN SPEC 3	EACH	3	\$37,000.00	\$111,000.00
2506.516	CASTING ASSEMBLY	EACH	148	\$840.00	\$124,320.00
2506.522	ADJUST FRAME AND RING CASTING	EACH	19	\$820.00	\$15,580.00
2506.602	CASTING ASSEMBLY SPECIAL	EACH	1	\$9,800.00	\$9,800.00
2506.602	MANHOLE FRAME SEAL	EACH	37	\$340.00	\$12,580.00
2508.602	CONNECT TO EXISTING HWP	EACH	4	\$2,800.00	\$11,200.00
2508.602	CONNECT TO TEMPORARY ENERGYTRANSFER STATION	EACH	1	\$5,000.00	\$5,000.00
2508.602	INSTALL HOT WATER ISOLATIONVALVE	EACH	80	\$420.00	\$33,600.00
2508.602	INSTALL HOT WATER TWIN PIPEISOLATION VALVE	EACH	1	\$630.00	\$630.00
2508.602	INSTALL HOT WATER VALVEASSEMBLY (TYPE 1)	EACH	2	\$5,000.00	\$10,000.00
2508.602	INSTALL HOT WATER VALVEASSEMBLY (TYPE 2)	EACH	2	\$5,750.00	\$11,500.00
2508.602	INSTALL HOT WATER VALVEASSEMBLY (TYPE 3)	EACH	2	\$5,000.00	\$10,000.00
2508.602	INSTALL 2" AIR RELEASE FITTING	EACH	2	\$210.00	\$420.00
2508.602	FURNISH AND INSTALL 1"RECIRCULATION ASSEMBLY	EACH	3	\$630.00	\$1,890.00
2508.602	FURNISH AND INSTALL 2"RECIRCULATION ASSEMBLY	EACH	1	\$630.00	\$630.00
2508.602	FURNISH & INSTALL 6" DIPCHECK VALVE	EACH	4	\$1,250.00	\$5,000.00
2508.602	FURNISH & INSTALL 2'X3' FLASHCHAMBER	EACH	17	\$2,230.00	\$37,910.00
2508.602	FURNISH & INSTALL 18" DIA.FLASH CHAMBER	EACH	5	\$2,320.00	\$11,600.00
2508.602	HW CUSTOMER SERVICE CONNECTION	EACH	55	\$5,000.00	\$275,000.00
2508.602	TWIN HW CUSTOMER SERVICECONNECTION	EACH	3	\$5,000.00	\$15,000.00
2508.602	CONNECT TO STORM STRUCTURE	EACH	14	\$1,040.00	\$14,560.00
2508.602	CONNECT TO SANITARY STRUCTURE	EACH	4	\$1,410.00	\$5,640.00
2508.602	INSTALL 24"X36" HANDHOLE	EACH	23	\$320.00	\$7,360.00
2508.602	CORE DRILL THROUGH FILLEDVAULT	EACH	8	\$4,450.00	\$35,600.00
2508.602	HW CASING FOR VAULT FILLING	EACH	4	\$210.00	\$840.00
2508.603	INSTALL 1"/4" HWP	LIN FT	471	\$46.00	\$21,666.00
2508.603	INSTALL 1.25"/5" HWP	LIN FT	712	\$50.00	\$35,600.00
2508.603	INSTALL 1.5"/5" HWP	LIN FT	1,035.00	\$50.00	\$51,750.00
2508.603	INSTALL 2"/5.5" HWP	LIN FT	2,212.00	\$50.00	\$110,600.00
2508.603	INSTALL 2.5"/6" HWP	LIN FT	716	\$51.00	\$36,516.00
2508.603	INSTALL 3"/7" HWP	LIN FT	618	\$52.50	\$32,445.00
2508.603	INSTALL 4"/9" HWP	LIN FT	1,500.00	\$57.00	\$85,500.00
2508.603	INSTALL 5"/10" HWP	LIN FT	146	\$54.50	\$7,957.00
2508.603	INSTALL 6"/11" HWP	LIN FT	744	\$58.00	\$43,152.00
2508.603	INSTALL 8"/14" HWP	LIN FT	4,090.00	\$60.50	\$247,445.00
2508.603	INSTALL 10"/18" HWP	LIN FT	5,708.00	\$61.00	\$348,188.00
2508.603	INSTALL 20"/28" HWP	LIN FT	478	\$58.50	\$27,963.00
2508.603	INSTALL 2X1"/6" TWIN HWP	LIN FT	22	\$150.00	\$3,300.00
2508.603	INSTALL 2X1.5"/7" TWIN HWP	LIN FT	60	\$151.00	\$9,060.00
2508.603	INSTALL 2X2"/9" TWIN HWP	LIN FT	44	\$152.00	\$6,688.00
2508.603	INSTALL 2X4"/14" TWIN HWP	LIN FT	158	\$83.00	\$13,114.00
2508.603	INSTALL 2X8"/22" TWIN HWP	LIN FT	34	\$152.00	\$5,168.00
2508.603	FURNISH & INSTALL 6" DIP CL 52	LIN FT	537	\$101.00	\$54,237.00
2508.603	FURNISH & INSTALL 2" SCH80NON-METALLIC CONDUIT	LIN FT	18,053.00	\$5.50	\$99,291.50
2508.603	FURNISH & INSTALL FIBER-OPTICCABLE	LIN FT	18,053.00	\$2.20	\$39,716.60
2509.602	2 INCH STEAM SERVICE	EACH	4	\$1,570.00	\$6,280.00
2509.602	4 INCH STEAM SERVICE	EACH	1	\$2,400.00	\$2,400.00
2509.602	3 INCH CONDENSATE ELBOW	EACH	1	\$1,700.00	\$1,700.00
2509.602	2 INCH STEAM ELBOW	EACH	5	\$1,700.00	\$8,500.00
2509.602	4 INCH STEAM ELBOW	EACH	1	\$2,100.00	\$2,100.00
2509.602	6 INCH STEAM ELBOW	EACH	9	\$2,500.00	\$22,500.00
2509.602	8 INCH STEAM ELBOW	EACH	12	\$2,700.00	\$32,400.00
2509.602	10 INCH STEAM ELBOW	EACH	12	\$1,950.00	\$23,400.00
2509.602	12 INCH STEAM ELBOW	EACH	4	\$3,350.00	\$13,400.00

Item No.	Description	Units	Quantity	Unit Price	Total Price
2509.602	2 INCH ANCHOR	EACH	4	\$210.00	\$840.00
2509.602	6 INCH ANCHOR	EACH	1	\$420.00	\$420.00
2509.602	8 INCH ANCHOR	EACH	4	\$630.00	\$2,520.00
2509.602	10 INCH ANCHOR	EACH	3	\$560.00	\$1,680.00
2509.602	12 INCH ANCHOR	EACH	4	\$1,050.00	\$4,200.00
2509.603	3 INCH CONDENSATE MAIN	LIN FT	532	\$22.00	\$11,704.00
2509.603	2 INCH STEAM MAIN	LIN FT	466	\$320.00	\$149,120.00
2509.603	4 INCH STEAM MAIN	LIN FT	45	\$340.00	\$15,300.00
2509.603	6 INCH STEAM MAIN	LIN FT	130	\$245.00	\$31,850.00
2509.603	8 INCH STEAM MAIN	LIN FT	573	\$490.00	\$280,770.00
2509.603	10 INCH STEAM MAIN	LIN FT	335	\$630.00	\$211,050.00
2509.603	12 INCH STEAM MAIN	LIN FT	950	\$550.00	\$522,500.00
2509.615	STEAM MANHOLE #1	ASSEMBLY	1	\$43,300.00	\$43,300.00
2509.615	STEAM MANHOLE #2	ASSEMBLY	1	\$43,500.00	\$43,500.00
2509.615	STEAM MANHOLE #3	ASSEMBLY	1	\$43,500.00	\$43,500.00
2509.615	STEAM MANHOLE #4	ASSEMBLY	1	\$38,700.00	\$38,700.00
2509.615	STEAM MANHOLE #5	ASSEMBLY	1	\$40,400.00	\$40,400.00
2509.615	6" STEAM TRANSITION	ASSEMBLY	2	\$2,500.00	\$5,000.00
2509.615	8" STEAM TRANSITION	ASSEMBLY	3	\$2,700.00	\$8,100.00
2509.615	10" STEAM TRANSITION	ASSEMBLY	2	\$2,950.00	\$5,900.00
2509.615	12" STEAM TRANSITION	ASSEMBLY	2	\$3,350.00	\$6,700.00
2509.615	STEAM TRANSITION TYPE SPECIAL	ASSEMBLY	1	\$6,300.00	\$6,300.00
2511.501	RANDOM RIPRAP CLASS I	CU YD	6	\$65.00	\$390.00
2520.501	LEAN MIX BACKFILL	CU YD	135	\$140.00	\$18,900.00
2521.501	4" CONCRETE WALK TYPE SPECIALA	SQ FT	17,080.00	\$7.00	\$119,560.00
2521.501	4" CONCRETE WALK TYPE SPECIALB	SQ FT	7,046.00	\$6.00	\$42,276.00
2521.501	4" CONCRETE WALK TYPE SPECIALC	SQ FT	413	\$10.50	\$4,336.50
2521.501	6" CONCRETE WALK TYPE SPECIALA	SQ FT	88,414.00	\$8.00	\$707,312.00
2521.501	6" CONCRETE WALK TYPE SPECIALB	SQ FT	56,016.00	\$6.00	\$336,096.00
2521.501	6" CONCRETE WALK TYPE SPECIALC	SQ FT	9,525.00	\$10.50	\$100,012.50
2521.618	6" CONCRETE WALK SPECIAL	SQ FT	127	\$15.00	\$1,905.00
2531.501	CONCRETE CURB & GUTTER DESIGNSPECIAL	LIN FT	271	\$37.00	\$10,027.00
2531.501	CONCRETE CURB & GUTTER DESIGNB624	LIN FT	11,371.00	\$20.00	\$227,420.00
2531.502	6" CONCRETE PLANTER CURB	LIN FT	426	\$39.00	\$16,614.00
2531.507	8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	525	\$62.00	\$32,550.00
2531.603	CONCRETE CURB DESIGN V	LIN FT	343	\$21.00	\$7,203.00
2531.618	TRUNCATED DOMES	SQ FT	1,663.00	\$39.00	\$64,857.00
2533.507	PORTABLE PRECAST CONC BARRIERDES 8337	LIN FT	480	\$20.00	\$9,600.00
2533.508	RELOCATE PORT PRECAST CONC BAR DES 8337	LIN FT	1,840.00	\$10.00	\$18,400.00
2540.601	CONSTRUCT TIMBER WALL	LUMP SUM	1	\$6,000.00	\$6,000.00
2540.601	INSTALL BUS SHELTER TYPE A	EACH	5	\$1,700.00	\$8,500.00
2540.601	INSTALL BUS SHELTER TYPE B	EACH	1	\$1,700.00	\$1,700.00
2540.602	BICYCLE RACK	EACH	78	\$800.00	\$62,400.00
2540.602	WASTE RECEPTACLE	EACH	26	\$2,500.00	\$65,000.00
2540.602	PRECAST CONCRETE PLANTERS	EACH	41	\$600.00	\$24,600.00
2540.602	CONSTRUCT SURVEY MONUMENT	EACH	11	\$500.00	\$5,500.00
2540.602	BANNER POLE	EACH	37	\$2,800.00	\$103,600.00
2540.602	WASTE/RECYCLING RECEPTACLE	EACH	22	\$3,600.00	\$79,200.00
2540.602	PRECAST CONCRETE PLANTER TYPESPECIAL	EACH	5	\$820.00	\$4,100.00
2540.602	METAL BENCH TYPE A	EACH	12	\$2,300.00	\$27,600.00
2540.602	METAL BENCH TYPE B	EACH	44	\$2,050.00	\$90,200.00
2540.602	METAL BENCH TYPE C	EACH	21	\$2,350.00	\$49,350.00
2540.602	STONE PIER WITH CAP	EACH	7	\$3,750.00	\$26,250.00
2540.602	GATEWAY MONUMENT TYPE A	EACH	3	\$63,100.00	\$189,300.00
2540.602	GATEWAY MONUMENT TYPE B	EACH	1	\$61,405.00	\$61,405.00
2540.602	CLOCK TOWER	EACH	2	\$24,500.00	\$49,000.00
2540.603	CAST STONE CAP (WALL CAP)	LIN FT	47	\$500.00	\$23,500.00
2540.603	STONE BENCH	LIN FT	82	\$570.00	\$46,740.00
2540.618	BRICK PAVERS (COLOR 1)	SQ FT	1,878.00	\$20.00	\$37,560.00
2540.618	BRICK PAVERS (COLOR 2)	SQ FT	693	\$20.00	\$13,860.00
2540.618	BRICK PAVERS (COLOR 3)	SQ FT	1,475.00	\$20.00	\$29,500.00
2540.618	BRICK PAVERS (COLOR 4)	SQ FT	1,790.00	\$20.00	\$35,800.00
2545.511	LIGHTING UNIT TYPE SPECIAL 1	EACH	46	\$6,900.00	\$317,400.00
2545.511	LIGHTING UNIT TYPE SPECIAL 2	EACH	30	\$7,150.00	\$214,500.00
2545.511	LIGHTING UNIT TYPE SPECIAL 3	EACH	3	\$5,375.00	\$16,125.00
2545.511	LIGHTING UNIT TYPE SPECIAL 4	EACH	9	\$3,620.00	\$32,580.00

Item No.	Description	Units	Quantity	Unit Price	Total Price
2545.511	LIGHTING CONTROL - DIMMERCONTROLLER	EACH	152	\$240.00	\$36,480.00
2545.511	100A PANEL	EACH	1	\$1,050.00	\$1,050.00
2545.513	LUMINAIRE (LED)	EACH	20	\$2,560.00	\$51,200.00
2545.515	LIGHT FOUNDATION DESIGN EMODIFIED	EACH	98	\$790.00	\$77,420.00
2545.515	LIGHT FOUNDATION DESIGNSPECIAL 1	EACH	4	\$1,650.00	\$6,600.00
2545.515	LIGHT FOUNDATION DESIGNSPECIAL 2	EACH	1	\$15,800.00	\$15,800.00
2545.515	LIGHT FOUNDATION DESIGNSPECIAL 3	EACH	1	\$4,240.00	\$4,240.00
2545.515	LIGHT FOUNDATION DESIGNSPECIAL 4	EACH	1	\$13,810.00	\$13,810.00
2545.515	LIGHT FOUNDATION DESIGNSPECIAL 5	EACH	1	\$17,590.00	\$17,590.00
2545.515	LIGHT FOUNDATION DESIGNSPECIAL 6	EACH	1	\$14,050.00	\$14,050.00
2545.515	LIGHT FOUNDATION DESIGNSPECIAL 7	EACH	3	\$6,660.00	\$19,980.00
2545.515	LIGHT FOUNDATION DESIGNSPECIAL 8	EACH	2	\$6,660.00	\$13,320.00
2545.523	1" NON-METALLIC CONDUIT	LIN FT	3,685.00	\$4.80	\$17,688.00
2545.523	2" NON-METALLIC CONDUIT	LIN FT	11,276.00	\$6.10	\$68,783.60
2545.523	3" NON-METALLIC CONDUIT	LIN FT	60	\$10.00	\$600.00
2545.523	4" NON-METALLIC CONDUIT	LIN FT	10,745.00	\$10.60	\$113,897.00
2545.531	UNDERGROUND WIRE 1 COND NO 1	LIN FT	28,716.00	\$3.50	\$100,506.00
2545.531	UNDERGROUND WIRE 1 COND NO 2	LIN FT	4,572.00	\$2.70	\$12,344.40
2545.531	UNDERGROUND WIRE 1 COND NO 4	LIN FT	1,977.00	\$1.90	\$3,756.30
2545.531	UNDERGROUND WIRE 1 COND NO 6	LIN FT	53,189.00	\$1.50	\$79,783.50
2545.531	UNDERGROUND WIRE 1 COND NO 10	LIN FT	22,706.00	\$0.90	\$20,435.40
2545.531	UNDERGROUND WIRE 1 COND NO 12	LIN FT	16,973.00	\$0.70	\$11,881.10
2545.553	HANDHOLE	EACH	25	\$775.00	\$19,375.00
2545.602	MODIFY FEED POINT	EACH	10	\$11,900.00	\$119,000.00
2545.602	BANNER ARM ASSEMBLY	EACH	140	\$190.00	\$26,600.00
2545.602	HANGING BASKET ARM ASSEMBLY	EACH	88	\$320.00	\$28,160.00
2550.511	SHELTER FOUNDATION	EACH	6	\$8,400.00	\$50,400.00
2550.515	OUTDOOR FIBER SPLICE ENCLOSURE	EACH	10	\$1,460.00	\$14,600.00
2550.523	1.5" NON-METALLIC CONDUIT	LIN FT	6,450.00	\$5.30	\$34,185.00
2550.523	2" NON-METALLIC CONDUIT	LIN FT	20	\$8.00	\$160.00
2550.523	3" NON-METALLIC CONDUIT	LIN FT	80	\$10.40	\$832.00
2550.523	4" NON-METALLIC CONDUIT	LIN FT	1,547.00	\$10.80	\$16,707.60
2550.601	TEMPORARY COMMUNICATION SYSTEM	LUMP SUM	1	\$6,790.00	\$6,790.00
2550.601	FIBER OPTIC CABLE TESTING	LUMP SUM	1	\$71,210.00	\$71,210.00
2550.602	FIBER OPTIC CABLE SPLICING	EACH	10	\$4,735.00	\$47,350.00
2550.602	PULL VAULT	EACH	18	\$1,620.00	\$29,160.00
2550.602	CONNECT INTO EXISTINGELECTRICAL MANHOLE NO. 67	EACH	1	\$4,655.00	\$4,655.00
2550.602	CONNECT INTO EXISTINGELECTRICAL MANHOLE NO. 511	EACH	1	\$30,550.00	\$30,550.00
2550.602	CONNECT INTO EXISTINGELECTRICAL MANHOLE NO. 1258	EACH	1	\$3,980.00	\$3,980.00
2550.602	CONNECT INTO EXISTINGELECTRICAL DUCT	EACH	11	\$830.00	\$9,130.00
2550.602	ELECTRICAL MANHOLE	EACH	11	\$16,280.00	\$179,080.00
2550.603	PRE-TERM/ARMOR FIBER OPTICPIGTAIL 6SM	LIN FT	2,740.00	\$2.35	\$6,439.00
2550.603	ELECTRICAL DUCT BANK TYPE 1	LIN FT	3,707.00	\$133.00	\$493,031.00
2550.603	ELECTRICAL DUCT BANK TYPE 3	LIN FT	126	\$162.00	\$20,412.00
2550.603	ELECTRICAL DUCT BANK TYPE 4	LIN FT	201	\$118.00	\$23,718.00
2550.603	ELECTRICAL DUCT BANK TYPE 5	LIN FT	123	\$163.00	\$20,049.00
2550.603	ELECTRICAL DUCT BANK TYPE 6	LIN FT	62	\$178.00	\$11,036.00
2550.603	ELECTRICAL DUCT BANK TYPE 7	LIN FT	133	\$162.00	\$21,546.00
2550.603	ELECTRICAL DUCT BANK TYPE 8	LIN FT	370	\$150.00	\$55,500.00
2550.603	ELECTRICAL DUCT BANK TYPE 9	LIN FT	98	\$197.00	\$19,306.00
2550.603	FIBER OPTIC TRUNK CABLE 72SM	LIN FT	5,610.00	\$4.50	\$25,245.00
2557.603	ORNAMENTAL FENCE DESIGNSPECIAL A	LIN FT	393	\$120.00	\$47,160.00
2557.603	ORNAMENTAL FENCE DESIGNSPECIAL B	LIN FT	68	\$155.00	\$10,540.00
2563.601	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	1	\$5,700.00	\$5,700.00
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$387,500.00	\$387,500.00
2564.531	SIGN PANELS TYPE C	SQ FT	53	\$185.00	\$9,805.00
2564.537	INSTALL SIGN TYPE SPECIAL	EACH	1	\$470.00	\$470.00
2564.602	INSTALL SIGN	EACH	26	\$160.00	\$4,160.00
2565.511	TRAFFIC CONTROL SIGNAL SYSTEMA	SIG SYS	1	\$155,000.00	\$155,000.00
2565.511	TRAFFIC CONTROL SIGNAL SYSTEMB	SIG SYS	1	\$217,000.00	\$217,000.00
2565.511	TRAFFIC CONTROL SIGNAL SYSTEMC	SIG SYS	1	\$187,000.00	\$187,000.00
2565.511	TRAFFIC CONTROL SIGNAL SYSTEMD	SIG SYS	1	\$174,000.00	\$174,000.00
2565.511	TRAFFIC CONTROL SIGNAL SYSTEME	SIG SYS	1	\$174,000.00	\$174,000.00
2565.511	TRAFFIC CONTROL SIGNAL SYSTEMF	SIG SYS	1	\$172,000.00	\$172,000.00
2565.511	TRAFFIC CONTROL SIGNAL SYSTEMG	SIG SYS	1	\$211,000.00	\$211,000.00
2565.511	TRAFFIC CONTROL SIGNAL SYSTEMH	SIG SYS	1	\$170,000.00	\$170,000.00

Item No.	Description	Units	Quantity	Unit Price	Total Price
2565.511	TRAFFIC CONTROL SIGNAL SYSTEMI	SIG SYS	1	\$185,000.00	\$185,000.00
2565.511	TRAFFIC CONTROL SIGNAL SYSTEMJ	SIG SYS	1	\$183,000.00	\$183,000.00
2565.602	MAST ARM FOUNDATION DESIGNSPECIAL 1	EACH	1	\$20,500.00	\$20,500.00
2565.602	MAST ARM FOUNDATION DESIGNSPECIAL 2	EACH	1	\$16,000.00	\$16,000.00
2565.602	MAST ARM FOUNDATION DESIGNSPECIAL 3	EACH	1	\$26,000.00	\$26,000.00
2565.602	MAST ARM FOUNDATION DESIGNSPECIAL 4	EACH	1	\$9,000.00	\$9,000.00
2571.502	DECIDUOUS TREE 2" CAL B&B	TREE	8	\$725.00	\$5,800.00
2571.502	DECIDUOUS TREE 3" CAL B&B	TREE	66	\$630.00	\$41,580.00
2571.503	ORNAMENTAL TREE 2.5" CAL B&B	TREE	15	\$680.00	\$10,200.00
2571.504	CONIFEROUS SHRUB 18" HT B&B	SHRB	14	\$62.00	\$868.00
2571.505	DECIDUOUS SHRUB NO 1 CONT	SHRB	19	\$22.00	\$418.00
2571.505	DECIDUOUS SHRUB NO 5 CONT	SHRB	62	\$64.00	\$3,968.00
2571.507	PERENNIALS AND ORNAMENTALGRASSES	PLANT	375	\$20.00	\$7,500.00
2571.602	TREE GRATE AND FRAMES	EACH	66	\$1,800.00	\$118,800.00
2573.502	SILT FENCE; TYPE HI	LIN FT	191	\$2.60	\$496.60
2573.53	STORM DRAIN INLET PROTECTION	EACH	203	\$160.00	\$32,480.00
2573.533	SEDIMENT CONTROL LOG TYPE ROCK	LIN FT	44	\$8.90	\$391.60
2573.602	STABILIZED CONSTRUCTION EXIT	EACH	7	\$1,800.00	\$12,600.00
2574.508	FERTILIZER TYPE 3	POUND	31	\$1.05	\$32.55
2574.525	COMMON TOPSOIL BORROW	CU YD	94	\$42.00	\$3,948.00
2575.505	SODDING TYPE LAWN	SQ YD	707	\$8.00	\$5,656.00
2575.607	MULCH MATERIAL TYPE SPECIAL	CU YD	54	\$175.00	\$9,450.00
2582.501	PAVT MSSG PREF TAPE	SQ FT	74	\$25.00	\$1,850.00
2582.501	PAVT MSSG PREF THERMO GR IN	SQ FT	214	\$26.00	\$5,564.00
2582.502	4" SOLID LINE PAINT	LIN FT	330	\$8.70	\$2,871.00
2582.502	4" SOLID LINE EPOXY GR IN (WR)	LIN FT	6,090.00	\$2.10	\$12,789.00
2582.502	12" SOLID LINE EPOXY GR IN(WR)	LIN FT	740	\$6.30	\$4,662.00
2582.502	24" SOLID LINE EPOXY GR IN(WR)	LIN FT	280	\$12.50	\$3,500.00
2582.502	4" BROKEN LINE EPOXY GR IN(WR)	LIN FT	40	\$2.10	\$84.00
2582.502	4" DOTTED LINE EPOXY GR IN(WR)	LIN FT	50	\$2.10	\$105.00
2582.502	4" DBLE SOLID LINE EPOXY GRIN (WR)	LIN FT	6,450.00	\$4.20	\$27,090.00
2582.502	24" SOLID LINE PREF TAPE	LIN FT	40	\$41.50	\$1,660.00
2582.502	4" DOTTED LINE PREF TAPE	LIN FT	50	\$10.50	\$525.00
2582.502	4" DBLE SOLID LINE PREF TAPE	LIN FT	165	\$21.00	\$3,465.00
2582.503	CROSSWALK PREF THERMO GR IN	SQ FT	7,278.00	\$16.00	\$116,448.00
				<b>Total</b>	<b>\$28,390,000.00</b>