



**DeWight Dopslauf, C.P.M., CPPO**  
**Harris County Purchasing Agent**

October 04, 2021

Commissioners Court  
Harris County, Texas

**RE: Job No. 210223**

Members of Commissioners Court:

Please approve the following award on the basis of only bid subject to applicable bond(s) to be received from the vendor(s):

**Description:** Storm Sewer Installation and Maintenance for Harris County Precinct 2

**Bid(s) Received:** One (1) on September 13, 2021 (see attached)

**Vendor(s):** D&W Contractors, Inc.

**Amount:** \$16,742,464

**Evaluated By:** • Harris County Purchasing • Precinct 2

Purchase order(s) will be issued upon Commissioners Court approval.

Sincerely,

DeWight Dopslauf  
Purchasing Agent

JAA  
Attachment(s)  
cc: Vendor(s)

**FOR INCLUSION ON COMMISSIONERS COURT AGENDA OCTOBER 12, 2021**



				D&W Contractors, Inc. <sup>1</sup>	
Item No.	Description	UOM	Est. Qty.	Unit Price	Total Price
<b><u>SITE PREPARATION AND EARTHWORK</u></b>					
1	PROJECT SIGN	EA	2	\$ 1,200.00	\$2,400.00
2	MOBILIZATION (70% OF UNIT COST AT COMPLETION OF MOB., AND 30% OF UNIT COST AFTER FINAL CLEANUP)	LS	1	\$ 1,500,000.00	\$1,500,000.00
3	REMOVING CONCRETE (CONCRETE CURB)	LF	4090	\$ 1.00	\$4,090.00
4	CLEARING AND GRUBBING	AC	10	\$ 6,000.00	\$60,000.00
5	REMOVING OLD CONCRETE (CURBS, NOT ON CONCRETE PAVEMENT)	SY	90	\$ 10.00	\$900.00
6	REMOVING OLD CONCRETE (STONE RIPRAP)	SY	3360	\$ 10.00	\$33,600.00
7	REMOVE CONCRETE (SLOPE PAVING)	SY	70	\$ 10.00	\$700.00
8	REMOVING CONCRETE (PAVEMENT)	SY	14400	\$ 5.00	\$72,000.00
9	BORROW (EMBANKMENTS)	CY	2520	\$ 5.00	\$12,600.00
10	BORROW (SPECIAL) MATERIAL OUTSIDE PI RANGE NOT LESS THAN 12 AND NO MORE THAN 20	CY	50	\$ 20.00	\$1,000.00
11	MILLING EXISTING PAVEMENT (ALL DEPTHS)	SY	50	\$ 30.00	\$1,500.00
12	SALVAGING, HAULING, AND STOCKPILING RECLAIMABLE ASPHALT PAVEMENT (ALL DEPTHS)	SY	50	\$ 30.00	\$1,500.00
13	REMOVE AND DISPOSE EXISTING ASPHALTIC SURFACE AND BASE MATERIAL (ALL DEPTHS)	SY	7060	\$ 5.00	\$35,300.00
14	REMOVE AND DISPOSE EXISTING GRAVEL DRIVEWAY (ALL DEPTHS)	SY	90	\$ 10.00	\$900.00
15	REMOVE AND DISPOSE OF EXISTING CONCRETE OR METAL PIPE (ALL SIZES)	LF	5590	\$ 25.00	\$139,750.00
16	REMOVE AND DISPOSE OF 4" SANITARY SEWER FORCE MAIN	LF	250	\$ 10.00	\$2,500.00
17	REMOVING STRUCTURES - BOX CULVERTS	LF	50	\$ 100.00	\$5,000.00
18	REMOVING STRUCTURES – INLETS (ALL DEPTHS)	EA	30	\$ 600.00	\$18,000.00
19	REMOVING STRUCTURES – MANHOLES (ALL DEPTHS)	EA	10	\$ 600.00	\$6,000.00
20	REMOVING STRUCTURES - SAFETY END TREATMENTS	EA	50	\$ 400.00	\$20,000.00
21	REMOVING STRUCTURES - HEADWALLS INCLUDING WINGWALLS	EA	10	\$ 2,000.00	\$20,000.00
22	REMOVAL - FLEX BEAM GUARD RAIL	LF	50	\$ 20.00	\$1,000.00
23	REMOVE & RELOCATE TRAFFIC SIGNS, MAIL BOXES AND ROADWAY SIGNS	EA	40	\$ 100.00	\$4,000.00
24	CONSTRUCTION SAFETY FENCE (4' High)	LF	3900	\$ 4.00	\$15,600.00
25	EXCAVATION (ROADWAY)	CY	3990	\$ 10.00	\$39,900.00
26	CUT NEW DITCH (INCLUDES HAUL-OFF SPOIL MATERIAL, SUITABLE AND UNSUITABLE)	CY	50	\$ 20.00	\$1,000.00
27	CLEANING AND RESHAPING DITCHES	CY	50	\$ 20.00	\$1,000.00
28	HAUL-OFF AND DISPOSAL (TRASH/DEBRIS/TIRES)	CY	50	\$ 20.00	\$1,000.00
29	CLEANING EXISTING CULVERTS (ALL SIZES)	CY	50	\$ 20.00	\$1,000.00
30	PROJECT DOCUMENTATION (ADMINISTRATION, PER CDBG REQUIREMENTS) (CDBG FUNDED ONLY)	LS	1	\$ 5,000.00	\$5,000.00
31	TPDES GENERAL PERMIT NO. TXR150000; NOTICE OF INTENT (NOI) APPLICATION FEE (\$225) (CONTRACTOR'S NOI)	EA	2	\$ 225.00	\$450.00
32	CONSTRUCTION STAKING	STA	50	\$ 200.00	\$10,000.00
33	CCTV INSPECTION OF AS-BUILT STORM SEWER SYSTEM (EVERY 500 LF)	LS	1	\$ 5,000.00	\$5,000.00
<b>Subtotal</b>					<b>\$2,022,690.00</b>
<b><u>PAVING</u></b>					
34	LIME (HYDRATED LIME - DRY)	TON	160	\$ 225.00	\$36,000.00
35	LIME (HYDRATED LIME - SLURRY)	TON	60	\$ 225.00	\$13,500.00

				D&W Contractors, Inc. <sup>1</sup>	
Item No.	Description	UOM	Est. Qty.	Unit Price	Total Price
36	LIME (COMMERCIAL LIME SLURRY)	TON	30	\$ 225.00	\$6,750.00
37	LIME STABILIZED SUBGRADE (8" DEPTH)	SY	890	\$ 10.00	\$8,900.00
38	LIME STABILIZED SUBGRADE (6" DEPTH)	SY	17210	\$ 2.00	\$34,420.00
39	CEMENT	TON	50	\$ 150.00	\$7,500.00
40	CEMENT TREATMENT (6 IN DEPTH)	SY	50	\$ 20.00	\$1,000.00
41	CEMENT TREATMENT (8 IN DEPTH)	SY	50	\$ 20.00	\$1,000.00
42	LIME-FLY ASH STABILIZED SUBGRADE (6" DEPTH)	SY	50	\$ 20.00	\$1,000.00
43	LIME-FLY ASH STABILIZED SUBGRADE (8" DEPTH)	SY	50	\$ 20.00	\$1,000.00
44	LIME-FLY ASH FOR STABILIZED SUBGRADE	TON	50	\$ 200.00	\$10,000.00
45	GEOTEXTILE FABRIC	SY	50	\$ 10.00	\$500.00
46	CEMENT STABILIZED CRUSHED AGGREGATE BASE COURSE (6" DEPTH)	SY	1200	\$ 20.00	\$24,000.00
47	CEMENT STABILIZED CRUSHED AGGREGATE BASE COURSE (EACH ADDITIONAL INCH OVER 6')	SY	50	\$ 20.00	\$1,000.00
48	DENSE-GRADED HOT-MIX ASPHALT BASE COURSE (TYPE A) (FOB THE JOB SITE)	TON	730	\$ 100.00	\$73,000.00
49	DENSE-GRADED HOT-MIX ASPHALT BASE COURSE (TYPE B) (FOB THE JOB SITE)	TON	1220	\$ 100.00	\$122,000.00
50	TACK COAT	GAL	360	\$ 10.00	\$3,600.00
51	EMULSIFIED ASPHALT PRIME COAT (SURFACE SEAL)	GAL	10	\$ 50.00	\$500.00
52	EMULSIFIED ASPHALT PRIME COAT (EARTHWORK SEAL)	GAL	50	\$ 30.00	\$1,500.00
53	DENSE-GRADED HOT-MIX ASPHALT CONCRETE SURFACING (TYPE D)(INSTALLED) (MATERIAL, FOB JOBSITE)	TON	260	\$ 130.00	\$33,800.00
54	CONCRETE PAVEMENT (6")	SY	5520	\$ 70.00	\$386,400.00
55	CONCRETE PAVEMENT (HIGH EARLY STRENGTH) (6 IN DEPTH)	SY	500	\$ 115.00	\$57,500.00
56	CONCRETE PAVEMENT (7")	SY	50	\$ 120.00	\$6,000.00
57	CONCRETE PAVEMENT (HIGH EARLY STRENGTH) (7 IN DEPTH)	SY	50	\$ 130.00	\$6,500.00
58	CONCRETE PAVEMENT (8")	SY	1360	\$ 90.00	\$122,400.00
59	CONCRETE PAVEMENT (HIGH EARLY STRENGTH) (8 IN DEPTH)	SY	50	\$ 140.00	\$7,000.00
60	CONCRETE PAVEMENT (9")	SY	50	\$ 140.00	\$7,000.00
61	CONCRETE PAVEMENT (HIGH EARLY STRENGTH) (9 IN DEPTH)	SY	50	\$ 150.00	\$7,500.00
62	CONCRETE PAVEMENT (10")	SY	110	\$ 150.00	\$16,500.00
63	CONCRETE PAVEMENT (HIGH EARLY STRENGTH) (10 IN DEPTH)	SY	20	\$ 160.00	\$3,200.00
64	REINFORCED CONCRETE CURB ( 6")	LF	4670	\$ 5.00	\$23,350.00
65	CONCRETE CURB AND GUTTER (MONOLITHIC)	LF	2190	\$ 20.00	\$43,800.00
66	REINFORCED CONCRETE CURB (DOWELED)	LF	50	\$ 30.00	\$1,500.00
67	REINFORCED CONCRETE CURB DOWELED ON ASPHALT PAVEMENT	LF	50	\$ 20.00	\$1,000.00
68	REINFORCED CONCRETE SLOPE PAVING (5")	SY	40	\$ 125.00	\$5,000.00
69	REINFORCED CONCRETE SLOPE PAVING (EACH ADDITIONAL INCH OVER 5")	SY	50	\$ 15.00	\$750.00
70	FLEX BEAM GUARDRAIL (12 GAUGE) INCLUDING MOWING STRIP	LF	50	\$ 100.00	\$5,000.00
71	TERMINAL SECTIONS	EA	50	\$ 100.00	\$5,000.00
72	TERMINAL ANCHOR SECTIONS	EA	50	\$ 100.00	\$5,000.00
73	REINFORCED CONCRETE SIDEWALKS (4-1/2")	SY	480	\$ 80.00	\$38,400.00
74	REINFORCED CONCRETE SIDEWALKS (EACH ADDITIONAL INCH OVER 4-1/2")	SY	50	\$ 5.00	\$250.00
75	REINFORCED CONCRETE DRIVEWAYS (6")	SY	5850	\$ 100.00	\$585,000.00

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Item No.	Description	UOM	Est. Qty.	Unit Price	Total Price
76	REINFORCED CONCRETE DRIVEWAYS (EACH ADDITIONAL INCH OVER 6")	SY	50	\$ 5.00	\$250.00
77	ADA RAMP - TYPE 3	SY	50	\$ 500.00	\$25,000.00
78	ADA RAMP - TYPE 7	SY	70	\$ 500.00	\$35,000.00
79	ADA RAMP - TYPE 9	SY	10	\$ 500.00	\$5,000.00
80	ADA RAMP - TYPE 12	SY	50	\$ 500.00	\$25,000.00
<b>Subtotal</b>					<b>\$1,805,270.00</b>
<b><u>STORM SEWER</u></b>					
81	STRUCTURAL CONCRETE - HEADWALL & RETAINING WALLS	CY	50	\$ 800.00	\$40,000.00
82	STRUCTURAL CONCRETE (WINGWALL)	CY	50	\$ 800.00	\$40,000.00
83	STRUCTURAL CONCRETE (HEADWALL)	CY	50	\$ 800.00	\$40,000.00
84	TRENCH SAFETY SYSTEM (5' TO 10')	LF	11430	\$ 1.00	\$11,430.00
85	TRENCH SAFETY SYSTEM (10' TO 15')	LF	4750	\$ 2.00	\$9,500.00
86	REINFORCED CONCRETE PIPE, C76, CLASS III, (18") (0' TO 5' OF COVER)	LF	310	\$ 150.00	\$46,500.00
87	REINFORCED CONCRETE PIPE, C76, CLASS III, (18") (5' TO 10' OF COVER)	LF	710	\$ 150.00	\$106,500.00
88	REINFORCED CONCRETE PIPE, C76, CLASS III, (18") (10' TO 15' OF COVER)	LF	50	\$ 150.00	\$7,500.00
89	REINFORCED CONCRETE PIPE, C76, CLASS III, (24") (0' TO 5' OF COVER)	LF	2940	\$ 170.00	\$499,800.00
90	REINFORCED CONCRETE PIPE, C76, CLASS III, (24") (5' TO 10' OF COVER)	LF	4130	\$ 170.00	\$702,100.00
91	REINFORCED CONCRETE PIPE, C76, CLASS III, (24") (10' TO 15' OF COVER)	LF	220	\$ 170.00	\$37,400.00
92	REINFORCED CONCRETE PIPE, C76, CLASS III, (30") (0' TO 5' OF COVER)	LF	1490	\$ 210.00	\$312,900.00
93	REINFORCED CONCRETE PIPE, C76, CLASS III, (30") (5' TO 10' OF COVER)	LF	980	\$ 210.00	\$205,800.00
94	REINFORCED CONCRETE PIPE, C76, CLASS III, (30") (10' TO 15' OF COVER)	LF	50	\$ 210.00	\$10,500.00
95	REINFORCED CONCRETE PIPE, C76, CLASS III, (36") (0' TO 5' OF COVER)	LF	1290	\$ 250.00	\$322,500.00
96	REINFORCED CONCRETE PIPE, C76, CLASS III, (36") (5' TO 10' OF COVER)	LF	350	\$ 250.00	\$87,500.00
97	REINFORCED CONCRETE PIPE, C76, CLASS III, (36") (10' TO 15' OF COVER)	LF	50	\$ 250.00	\$12,500.00
98	REINFORCED CONCRETE PIPE, C76, CLASS III, (42") (0' TO 5' OF COVER)	LF	50	\$ 350.00	\$17,500.00
99	REINFORCED CONCRETE PIPE, C76, CLASS III, (42") (5' TO 10' OF COVER)	LF	130	\$ 350.00	\$45,500.00
100	REINFORCED CONCRETE PIPE, C76, CLASS III, (42") (10' TO 15' OF COVER)	LF	50	\$ 350.00	\$17,500.00
101	REINFORCED CONCRETE PIPE, C76, CLASS III, (48") (5' TO 10' OF COVER)	LF	2780	\$ 400.00	\$1,112,000.00
102	REINFORCED CONCRETE PIPE, C76, CLASS III, (48") (10' TO 15' OF COVER)	LF	50	\$ 400.00	\$20,000.00
103	REINFORCED CONCRETE PIPE, C76, CLASS III, (54") (5' TO 10' OF COVER)	LF	1200	\$ 500.00	\$600,000.00

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Item No.	Description	UOM	Est. Qty.	Unit Price	Total Price
104	REINFORCED CONCRETE PIPE, C76, CLASS III, (54") (10' TO 15' OF COVER)	LF	50	\$ 500.00	\$25,000.00
105	REINFORCED CONCRETE PIPE, C76, CLASS III, (60") (10' TO 15' OF COVER)	LF	40	\$ 550.00	\$22,000.00
106	REINFORCED CONCRETE PIPE, C76, CLASS III, (66") (10' TO 15' OF COVER)	LF	40	\$ 600.00	\$24,000.00
107	REINFORCED CONCRETE PIPE (ARCH) (18 IN X 28.5 IN, EQUIVALENT CIRCULAR 24 IN)	LF	50	\$ 240.00	\$12,000.00
108	REINFORCED CONCRETE PIPE (ARCH) (22.5 IN X 36.25 IN, EQUIVALENT CIRCULAR 30 IN)	LF	50	\$ 290.00	\$14,500.00
109	REINFORCED CONCRETE PIPE (ARCH) (26.63 IN X 43.75 IN, EQUIVALENT CIRCULAR 36 IN)	LF	50	\$ 365.00	\$18,250.00
110	REINFORCED CONCRETE PIPE (ARCH) (31.63 IN X 51.13 IN, EQUIVALENT 42 IN)	LF	50	\$ 490.00	\$24,500.00
111	REINFORCED CONCRETE PIPE (ARCH) (36 IN X 58.5 IN, EQUIVALENT 48 IN)	LF	50	\$ 600.00	\$30,000.00
112	CORRUGATED METAL PIPE (24")(PRE-COATED)(GALVANIZED)(14 GAUGE) (0' TO 5' OF COVER)	LF	50	\$ 200.00	\$10,000.00
113	CORRUGATED METAL PIPE (24")(PRE-COATED)(GALVANIZED)(14 GAUGE) (5' TO 10' OF COVER)	LF	50	\$ 200.00	\$10,000.00
114	CORRUGATED METAL PIPE (24")(PRE-COATED)(GALVANIZED)(14 GAUGE) (10' TO 15' OF COVER)	LF	50	\$ 200.00	\$10,000.00
115	CORRUGATED METAL PIPE (30")(PRE-COATED)(GALVANIZED)(14 GAUGE) (0' TO 5' OF COVER)	LF	50	\$ 220.00	\$11,000.00
116	CORRUGATED METAL PIPE (30")(PRE-COATED)(GALVANIZED)(14 GAUGE) (5' TO 10' OF COVER)	LF	50	\$ 220.00	\$11,000.00
117	CORRUGATED METAL PIPE (30")(PRE-COATED)(GALVANIZED)(14 GAUGE) (10' TO 15' OF COVER)	LF	50	\$ 220.00	\$11,000.00
118	CORRUGATED METAL PIPE (36")(PRE-COATED)(GALVANIZED)(14 GAUGE) (0' TO 5' OF COVER)	LF	50	\$ 250.00	\$12,500.00
119	CORRUGATED METAL PIPE (36")(PRE-COATED)(GALVANIZED)(14 GAUGE) (5' TO 10' OF COVER)	LF	50	\$ 250.00	\$12,500.00
120	CORRUGATED METAL PIPE (36")(PRE-COATED)(GALVANIZED)(14 GAUGE) (10' TO 15' OF COVER)	LF	50	\$ 250.00	\$12,500.00
121	CORRUGATED METAL PIPE (42")(PRE-COATED)(GALVANIZED)(14 GAUGE) (0' TO 5' OF COVER)	LF	50	\$ 300.00	\$15,000.00
122	CORRUGATED METAL PIPE (42")(PRE-COATED)(GALVANIZED)(14 GAUGE) (5' TO 10' OF COVER)	LF	50	\$ 300.00	\$15,000.00
123	CORRUGATED METAL PIPE (42")(PRE-COATED)(GALVANIZED)(14 GAUGE) (10' TO 15' OF COVER)	LF	50	\$ 300.00	\$15,000.00
124	CORRUGATED METAL PIPE (48")(PRE-COATED)(GALVANIZED)(14 GAUGE) (5' TO 10' OF COVER)	LF	50	\$ 330.00	\$16,500.00
125	CORRUGATED METAL PIPE (48")(PRE-COATED)(GALVANIZED)(14 GAUGE) (10' TO 15' OF COVER)	LF	50	\$ 330.00	\$16,500.00
126	CORRUGATED METAL PIPE (54")(PRE-COATED)(GALVANIZED)(14 GAUGE) (5' TO 10' OF COVER)	LF	50	\$ 420.00	\$21,000.00
127	CORRUGATED METAL PIPE (54")(PRE-COATED)(GALVANIZED)(14 GAUGE) (10' TO 15' OF COVER)	LF	50	\$ 420.00	\$21,000.00
128	CORRUGATED METAL PIPE (66")(PRE-COATED)(GALVANIZED)(12 GAUGE) (5' TO 10' OF COVER)	LF	50	\$ 520.00	\$26,000.00
129	CORRUGATED METAL PIPE (66")(PRE-COATED)(GALVANIZED)(12 GAUGE) (10' TO 15' OF COVER)	LF	50	\$ 520.00	\$26,000.00
130	HIGH DENSITY POLYETHYLENE PIPE (24") (0' TO 5' OF COVER)	LF	40	\$ 200.00	\$8,000.00

				D&W Contractors, Inc. <sup>1</sup>	
Item No.	Description	UOM	Est. Qty.	Unit Price	Total Price
131	HIGH DENSITY POLYETHYLENE PIPE (24") (5' TO 10' OF COVER)	LF	50	\$ 200.00	\$10,000.00
132	HIGH DENSITY POLYETHYLENE PIPE (24") (10' TO 15' OF COVER)	LF	50	\$ 200.00	\$10,000.00
133	HIGH DENSITY POLYETHYLENE PIPE (30") (0' TO 5' OF COVER)	LF	60	\$ 220.00	\$13,200.00
134	HIGH DENSITY POLYETHYLENE PIPE (30") (5' TO 10' OF COVER)	LF	50	\$ 220.00	\$11,000.00
135	HIGH DENSITY POLYETHYLENE PIPE (30") (10' TO 15' OF COVER)	LF	50	\$ 220.00	\$11,000.00
136	HIGH DENSITY POLYETHYLENE PIPE (36") (0' TO 5' OF COVER)	LF	110	\$ 250.00	\$27,500.00
137	HIGH DENSITY POLYETHYLENE PIPE (36") (5' TO 10' OF COVER)	LF	50	\$ 250.00	\$12,500.00
138	HIGH DENSITY POLYETHYLENE PIPE (36") (10' TO 15' OF COVER)	LF	50	\$ 250.00	\$12,500.00
139	HIGH DENSITY POLYETHYLENE PIPE (42") (0' TO 5' OF COVER)	LF	50	\$ 300.00	\$15,000.00
140	HIGH DENSITY POLYETHYLENE PIPE (42") (5' TO 10' OF COVER)	LF	50	\$ 300.00	\$15,000.00
141	HIGH DENSITY POLYETHYLENE PIPE (42") (10' TO 15' OF COVER)	LF	50	\$ 300.00	\$15,000.00
142	HIGH DENSITY POLYETHYLENE PIPE (48") (5' TO 10' OF COVER)	LF	50	\$ 330.00	\$16,500.00
143	HIGH DENSITY POLYETHYLENE PIPE (48") (10' TO 15' OF COVER)	LF	50	\$ 330.00	\$16,500.00
144	HIGH DENSITY POLYETHYLENE PIPE (54") (5' TO 10' OF COVER)	LF	50	\$ 420.00	\$21,000.00
145	HIGH DENSITY POLYETHYLENE PIPE (54") (10' TO 15' OF COVER)	LF	50	\$ 420.00	\$21,000.00
146	HIGH DENSITY POLYETHYLENE PIPE (60") (5' TO 10' OF COVER)	LF	50	\$ 470.00	\$23,500.00
147	HIGH DENSITY POLYETHYLENE PIPE (60") (10' TO 15' OF COVER)	LF	50	\$ 470.00	\$23,500.00
148	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (18") (0' TO 5' OF COVER)	LF	50	\$ 180.00	\$9,000.00
149	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (18") (5' TO 10' OF COVER)	LF	50	\$ 180.00	\$9,000.00
150	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (18") (10' TO 15' OF COVER)	LF	50	\$ 180.00	\$9,000.00
151	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (24") (0' TO 5' OF COVER)	LF	50	\$ 200.00	\$10,000.00
152	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (24") (5' TO 10' OF COVER)	LF	50	\$ 200.00	\$10,000.00
153	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (24") (10' TO 15' OF COVER)	LF	50	\$ 200.00	\$10,000.00
154	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (30") (0' TO 5' OF COVER)	LF	50	\$ 220.00	\$11,000.00
155	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (30") (5' TO 10' OF COVER)	LF	50	\$ 220.00	\$11,000.00
156	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (30") (10' TO 15' OF COVER)	LF	50	\$ 220.00	\$11,000.00
157	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (36") (0' TO 5' OF COVER)	LF	50	\$ 250.00	\$12,500.00
158	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (36") (5' TO 10' OF COVER)	LF	50	\$ 250.00	\$12,500.00
159	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (36") (10' TO 15' OF COVER)	LF	50	\$ 250.00	\$12,500.00
160	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (42") (0' TO 5' OF COVER)	LF	50	\$ 300.00	\$15,000.00
161	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (42") (5' TO 10' OF COVER)	LF	50	\$ 300.00	\$15,000.00
162	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (42") (10' TO 15' OF COVER)	LF	50	\$ 300.00	\$15,000.00
163	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (48") (5' TO 10' OF COVER)	LF	50	\$ 330.00	\$16,500.00
164	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (48") (10' TO 15' OF COVER)	LF	50	\$ 330.00	\$16,500.00

				D&W Contractors, Inc. <sup>1</sup>	
Item No.	Description	UOM	Est. Qty.	Unit Price	Total Price
165	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (60") (0' TO 5' OF COVER)	LF	50	\$ 470.00	\$23,500.00
166	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (60") (5' TO 10' OF COVER)	LF	50	\$ 470.00	\$23,500.00
167	CORRUGATED SMOOTH LINED HIGH PERFORMANCE POLYPROPYLENE PIPE (HP STORM) (60") (10' TO 15' OF COVER)	LF	50	\$ 470.00	\$23,500.00
168	PVC PIPE (30") (ALL DEPTHS)	LF	1	\$ 2,000.00	\$2,000.00
169	PVC PIPE (36") (ALL DEPTHS)	LF	1	\$ 2,100.00	\$2,100.00
170	4" PVC FORCE MAIN, C-900 (ALL DEPTHS)	LF	80	\$ 80.00	\$6,400.00
171	CONNECT TO EXISTING 4" FORCE MAIN	EA	1	\$ 1,500.00	\$1,500.00
172	Timber Bents (36" Pipe)	EACH	50	\$ 1,000.00	\$50,000.00
173	Timber Bents (42" Pipe)	EACH	50	\$ 1,250.00	\$62,500.00
174	Timber Bents (48" Pipe)	EACH	50	\$ 1,500.00	\$75,000.00
175	Timber Bents (54" Pipe)	EACH	50	\$ 1,850.00	\$92,500.00
176	Timber Bents (60" Pipe)	EACH	50	\$ 2,000.00	\$100,000.00
177	SET (TYPE II) (24") (RCP) (6:1) (P)	EA	2	\$ 1,200.00	\$2,400.00
178	SET (TYPE II) (24") (RCP) (6:1) (C)	EA	3	\$ 1,200.00	\$3,600.00
179	SET (TYPE II) (24") (RCP) (6:1) (P) W/ PIPE RUNNER	EA	8	\$ 1,200.00	\$9,600.00
180	PRECAST SET (TYPE II) (24") (RCP) (3:1) (C) WITH PIPE RUNNERS	EA	1	\$ 1,200.00	\$1,200.00
181	SET (TYPE II) (30") (RCP) (6:1) (P)	EA	1	\$ 1,500.00	\$1,500.00
182	SET (TYPE II) (36") (RCP) (6:1) (P)	EA	6	\$ 2,000.00	\$12,000.00
183	SET (TYPE I) (S=3 FT) (HW=3 FT) (3:1) (P)	EA	50	\$ 500.00	\$25,000.00
184	SET (TYPE I) (S=4 FT) (HW=3 FT) (6:1) (P)	EA	50	\$ 500.00	\$25,000.00
185	SET (TYPE I) (S=4 FT) (HW=4 FT) (6:1) (P)	EA	50	\$ 500.00	\$25,000.00
186	PRECAST CONCRETE SHALLOW MANHOLE (DEPTH < 5 FT)	EA	50	\$ 2,000.00	\$100,000.00
187	PRECAST CONCRETE STANDARD MANHOLE (5 FT ≤ DEPTH ≤ 10 FT)	EA	27	\$ 4,000.00	\$108,000.00
188	PRECAST CONCRETE STANDARD MANHOLE (5 FT ≤ DEPTH ≤ 10 FT) ON BC	EA	5	\$ 1,500.00	\$7,500.00
189	PRECAST MANHOLE ON RBC	EA	7	\$ 1,500.00	\$10,500.00
190	CONNECT PROPOSED STORM MANHOLE TO EXISTING STORM SEWER	EA	2	\$ 20,000.00	\$40,000.00
191	PRECAST CONCRETE STANDARD MANHOLE (ALL DEPTHS)	EA	50	\$ 3,000.00	\$150,000.00
192	TYPE A EQUIVALENT – 2 FT X 2 FT CASTING W/ PVC DRAINAGE STRUCTURE (12") (NYLOPLAST)	LF	1	\$ 1,500.00	\$1,500.00
193	TYPE A EQUIVALENT – 2 FT X 2 FT CASTING W/ PVC DRAINAGE STRUCTURE (15") (NYLOPLAST)	LF	1	\$ 1,500.00	\$1,500.00
194	TYPE A EQUIVALENT – 2 FT X 2 FT CASTING W/ PVC DRAINAGE STRUCTURE (18") (NYLOPLAST)	LF	2	\$ 1,500.00	\$3,000.00
195	TYPE A EQUIVALENT – 2 FT X 2 FT CASTING W/ PVC DRAINAGE STRUCTURE (24") (NYLOPLAST)	LF	2	\$ 1,500.00	\$3,000.00
196	TYPE A EQUIVALENT – 2 FT X 2 FT CASTING W/ PVC DRAINAGE STRUCTURE (30") (NYLOPLAST)	LF	3	\$ 1,500.00	\$4,500.00
197	TYPE A EQUIVALENT – 2 FT X 2 FT CASTING W/ PVC DRAINAGE STRUCTURE (36") (NYLOPLAST)	LF	3	\$ 1,500.00	\$4,500.00
198	TYPE B EQUIVALENT – 2 FT X 3 FT CURB INLET W/ PVC DRAINAGE STRUCTURE (18") (NYLOPLAST)	LF	2	\$ 1,500.00	\$3,000.00
199	TYPE B EQUIVALENT – 2 FT X 3 FT CURB INLET W/ PVC DRAINAGE STRUCTURE (24") (NYLOPLAST)	LF	2	\$ 1,500.00	\$3,000.00
200	TYPE B EQUIVALENT – 2 FT X 3 FT CURB INLET W/ PVC DRAINAGE STRUCTURE (30") (NYLOPLAST)	LF	3	\$ 1,500.00	\$4,500.00

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Item No.	Description	UOM	Est. Qty.	Unit Price	Total Price
201	TYPE B EQUIVALENT – 2 FT X 3 FT CURB INLET W/ PVC DRAINAGE STRUCTURE (36") (NYLOPLAST)	LF	3	\$ 1,500.00	\$4,500.00
202	TYPE B-B EQUIVALENT – DOUBLE 2 FT X 3 FT CURB INLET W/ PVC DRAINAGE STRUCTURE (30") (NYLOPLAST)	LF	3	\$ 1,500.00	\$4,500.00
203	TYPE B-B EQUIVALENT – DOUBLE 2 FT X 3 FT CURB INLET W/ PVC DRAINAGE STRUCTURE (36") (NYLOPLAST)	LF	3	\$ 1,500.00	\$4,500.00
204	BACKSLOPE INTERCEPTOR STURCTURE (HCFCD) (6' Deep)	EA	50	\$ 100.00	\$5,000.00
205	ADJUSTING MANHOLE	EA	50	\$ 200.00	\$10,000.00
206	JUNCTION BOX	EA	50	\$ 1,000.00	\$50,000.00
207	JUNCTION BOX (3-5'X2'BC TO 66" RCP)	EA	2	\$ 12,000.00	\$24,000.00
208	JUNCTION BOX (54" RCP, 10'X5' BC, 60" RCP)	EA	4	\$ 20,000.00	\$80,000.00
209	JUNTCION BOX, 5' X 4', WITH MANWAY	EA	2	\$ 7,000.00	\$14,000.00
210	JUNTCION BOX, 5' X 5', WITH MANWAY	EA	4	\$ 7,500.00	\$30,000.00
211	JUNTCION BOX, 6' X 4', WITH MANWAY	EA	10	\$ 7,500.00	\$75,000.00
212	JUNTCION BOX, 6' X 5', WITH MANWAY	EA	3	\$ 8,000.00	\$24,000.00
213	JUNTCION BOX, 6' X 6', WITH MANWAY	EA	2	\$ 8,500.00	\$17,000.00
214	JUNTCION BOX, 7' X 4', WITH MANWAY	EA	5	\$ 9,500.00	\$47,500.00
215	JUNTCION BOX, 20' X 8', WITH MANWAY	EA	1	\$ 25,000.00	\$25,000.00
216	JUNTCION BOX, 7' X 6', WITH MANWAY	EA	1	\$ 13,000.00	\$13,000.00
217	JUNCTION BOX (PRECAST 6' X 6')	EA	1	\$ 11,000.00	\$11,000.00
218	JUNCTION BOX (PRECAST 7' X 7')	EA	2	\$ 14,000.00	\$28,000.00
219	JUNCTION BOX (PRECAST 8' X 8')	EA	1	\$ 16,000.00	\$16,000.00
220	JUNCTION BOX (PRECAST 8' X 8') WITH AAD INLET TOP	EA	1	\$ 20,000.00	\$20,000.00
221	JUNCTION BOX (PRECAST 8' X 8') WITH A INLET TOP	EA	1	\$ 20,000.00	\$20,000.00
222	PRECAST CONCRETE JUNCTION BOX, 30" X 30", WITH TYPE A INLET TOP	EA	105	\$ 1,500.00	\$157,500.00
223	PRECAST CONCRETE JUNCTION BOX, 36" X 36", WITH MOD. TYPE A INLET TOP	EA	3	\$ 4,500.00	\$13,500.00
224	PRECAST CONCRETE JUNCTION BOX, 48" X 48", WITH MOD. TYPE A INLET TOP	EA	1	\$ 6,500.00	\$6,500.00
225	PRECAST CONCRETE JUNCTION BOX, 60" X 60", WITH MOD. TYPE A INLET TOP	EA	3	\$ 12,000.00	\$36,000.00
226	PRECAST CONCRETE JUNCTION BOX, 72" X 72", WITH MOD. TYPE A INLET TOP	EA	2	\$ 13,000.00	\$26,000.00
227	PRECAST CONCRETE JUNCTION BOX, 84" X 84", WITH MOD. TYPE A INLET TOP	EA	1	\$ 16,000.00	\$16,000.00
228	PRECAST CONCRETE JUNCTION BOX, 96" X 96", WITH MOD. TYPE A INLET TOP	EA	2	\$ 20,000.00	\$40,000.00
229	PRECAST CONCRETE JUNCTION BOX, 108" X 108", WITH MOD. TYPE A INLET TOP	EA	1	\$ 25,000.00	\$25,000.00
230	INLET (PRECAST) (TYPE A, STANDARD DEPTH)	EA	22	\$ 2,000.00	\$44,000.00
231	INLET (PRECAST) (MODIFIED TYPE A, STANDARD DEPTH)	EA	20	\$ 3,000.00	\$60,000.00
232	INLET (PRECAST) (TYPE BB, STANDARD DEPTH)	EA	27	\$ 3,000.00	\$81,000.00
233	INLET (PRECAST) (MODIFIED TYPE BB, STANDARD DEPTH)	EA	1	\$ 5,000.00	\$5,000.00
234	INLET (PRECAST) (TYPE C, STANDARD DEPTH)	EA	17	\$ 3,500.00	\$59,500.00
235	INLET (PRECAST) (TYPE C-1, STANDARD DEPTH)	EA	1	\$ 6,000.00	\$6,000.00
236	INLET (PRECAST) (TYPE C-2, STANDARD DEPTH)	EA	1	\$ 7,000.00	\$7,000.00
237	INLET (PRECAST) (TYPE C-2A, STANDARD DEPTH)	EA	1	\$ 7,000.00	\$7,000.00
238	INLET (PRECAST) (TYPE A, ADDITIONAL DEPTH)	EA	5	\$ 4,000.00	\$20,000.00



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Item No.	Description	UOM	Est. Qty.	Unit Price	Total Price
239	INLET (PRECAST) (MODIFIED TYPE A, ADDITIONAL DEPTH)	EA	1	\$ 6,500.00	\$6,500.00
240	INLET (PRECAST) (TYPE B, ADDITIONAL DEPTH)	EA	1	\$ 6,000.00	\$6,000.00
241	INLET (PRECAST) (TYPE BB, ADDITIONAL DEPTH)	EA	1	\$ 6,000.00	\$6,000.00
242	INLET (PRECAST) (MODIFIED TYPE BB, ADDITIONAL DEPTH)	EA	1	\$ 6,000.00	\$6,000.00
243	INLET (PRECAST) (TYPE C, ADDITIONAL DEPTH)	EA	1	\$ 6,000.00	\$6,000.00
244	INLET (PRECAST) (TYPE C-1, ADDITIONAL DEPTH)	EA	1	\$ 6,000.00	\$6,000.00
245	INLET (PRECAST) (TYPE C-2, ADDITIONAL DEPTH)	EA	1	\$ 6,000.00	\$6,000.00
246	INLET (PRECAST) (TYPE C-2A, ADDITIONAL DEPTH)	EA	1	\$ 6,000.00	\$6,000.00
247	PRECAST RCB (3' X 2')	LF	175	\$ 330.00	\$57,750.00
248	PRECAST RCB (3' X 3')	LF	95	\$ 380.00	\$36,100.00
249	PRECAST RCB (4' X 2')	LF	230	\$ 385.00	\$88,550.00
250	PRECAST RCB (4' X 3')	LF	1790	\$ 440.00	\$787,600.00
251	PRECAST RCB (4' X 4')	LF	450	\$ 490.00	\$220,500.00
252	PRECAST RCB (5' X 2')	LF	50	\$ 520.00	\$26,000.00
253	PRECAST RCB (5' X 3')	LF	590	\$ 550.00	\$324,500.00
254	PRECAST RCB (5' X 4')	LF	160	\$ 620.00	\$99,200.00
255	PRECAST RCB (6' X 3')	LF	1230	\$ 685.00	\$842,550.00
256	PRECAST RCB (6' X 4')	LF	240	\$ 745.00	\$178,800.00
257	PRECAST RCB (7' X 3')	LF	360	\$ 805.00	\$289,800.00
258	PRECAST RCB (7' X 4')	LF	30	\$ 865.00	\$25,950.00
259	PRECAST RCB (8' X 3')	LF	20	\$ 890.00	\$17,800.00
260	PRECAST RCB (10' X 4')	LF	340	\$ 1,300.00	\$442,000.00
261	PRECAST RCB (5' X 4') WITH TUNNELING CONSTRUCTION	LF	10	\$ 3,000.00	\$30,000.00
262	REHAB OF EXISTING MANHOLES	EA	50	\$ 500.00	\$25,000.00
263	GEOTEXTILE FABRIC	SY	210	\$ 10.00	\$2,100.00
264	RIPRAP (GRADATION NO. 1) (18")	SY	150	\$ 85.00	\$12,750.00
265	RIPRAP (GRADATION NO. 2) (24")	SY	50	\$ 125.00	\$6,250.00
<b>Subtotal</b>					<b>\$10,942,880.00</b>
<b><u>DETENTION POND</u></b>					
266	DETENTION BASIN EXCAVATION	CY	61260	\$ 9.00	\$551,340.00
267	CHANNEL EXCAVATION	CY	2470	\$ 10.00	\$24,700.00
268	ALL WEATHER ACCESS ROAD (6" GRAVEL OR CRUSHED CONCRETE)	SY	20	\$ 50.00	\$1,000.00
269	CEMENT STABILIZED SAND (8") FOR ALL WEATHER ACCESS ROAD	SY	20	\$ 40.00	\$800.00
270	FLOATABLE COLLECTION SCREEN STRUCTURE WITH CONCRETE SLOPE PAVING, GRATES AND HARDWARE (24" CMP RESTRICTION)	EA	10	\$ 1,000.00	\$10,000.00
271	REINFORCED CONCRETE PILOT CHANNEL (5")	SY	130	\$ 120.00	\$15,600.00
272	REINFORCED CONCRETE PILOT CHANNEL (6")	SY	50	\$ 130.00	\$6,500.00
273	CONCRETE BACKSLOPE INTERCEPTOR STRUCTURE	EA	10	\$ 1,000.00	\$10,000.00
274	CONCRETE SLAB FOR EXTREME EVENT OVERFLOW AND MAINTENANCE PARKING	SY	120	\$ 70.00	\$8,400.00
275	GEOTEXTILE FABRIC	SY	50	\$ 2.00	\$100.00

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Item No.	Description	UOM	Est. Qty.	Unit Price	Total Price
276	RIPRAP (GRADATION NO. 1) (18")	SY	100	\$ 85.00	\$8,500.00
277	RIPRAP (GRADATION NO. 2) (24")	SY	50	\$ 125.00	\$6,250.00
	<b>Subtotal</b>				<b>\$643,190.00</b>
	<b><u>TRAFFIC CONTROL PLAN</u></b>				
278	TRAFFIC CONTROL - BARRICADES, BARRIERS, BARRELS, CONES, SIGNING, AND FLAGGERS	MO	20	\$ 35,000.00	\$700,000.00
279	TEMPORARY RESIDENTIAL DRIVEWAYS - FURNISH-INSTALL & REMOVE	EA	20	\$ 100.00	\$2,000.00
280	TEMPORARY COMMERCIAL DRIVEWAYS - FURNISH-INSTALL & REMOVE	EA	50	\$ 200.00	\$10,000.00
281	CONSTRUCTING DETOURS (8" BLACK BASE)	SY	50	\$ 120.00	\$6,000.00
282	CONSTRUCTING DETOURS (6" BLACK BASE)	SY	50	\$ 110.00	\$5,500.00
283	TEMPORARY DRAINAGE STRUCTURE (FOR INSTALLING, MAINTAINING AND REMOVAL)	EA	50	\$ 100.00	\$5,000.00
284	TEMPORARY PIPE UNDER DRIVEWAY (FOR INSTALLING, MAINTAINING AND REMOVAL)	LF	50	\$ 100.00	\$5,000.00
285	TEMPORARY PAVING MARKINGS DRIVEWAY (FOR INSTALLING, MAINTAINING AND REMOVAL)	LF	50	\$ 10.00	\$500.00
286	LOW PROFILE CONCRETE BARRIER (FURNISH AND INSTALL)	LF	50	\$ 150.00	\$7,500.00
287	LOW PROFILE CONCRETE BARRIER (RELOCATE)	LF	50	\$ 20.00	\$1,000.00
288	LOW PROFILE CONCRETE BARRIER (REMOVE)	LF	50	\$ 20.00	\$1,000.00
	<b>Subtotal</b>				<b>\$743,500.00</b>
	<b><u>SIGNING AND PAVEMENT MARKINGS</u></b>				
289	ALUMINUM SIGNS (GROUND MOUNTED)- FURNISH & INSTALL, AS PER PLANS	SF	50	\$ 25.00	\$1,250.00
290	ALUMINUM SIGNS; BREAKAWAY FOUNDATION AND SUPPORTS	EA	50	\$ 100.00	\$5,000.00
291	REFLECTORIZED PAVEMENT MARKINGS TYPE II 12" YELLOW/SOLID, 6" CURB PER DETAIL "D" - FURNISH & APPLIED	LF	20	\$ 40.00	\$800.00
292	REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) 4" WHITE/DASHED - FURNISH & APPLIED (15' OVER 40')	LF	30	\$ 30.00	\$900.00
293	REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) 4" YELLOW/SOLID - FURNISH & APPLIED	LF	50	\$ 25.00	\$1,250.00
294	REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) 8" WHITE/SOLID - FURNISH & APPLIED	LF	50	\$ 25.00	\$1,250.00
295	REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) 12" WHITE/SOLID - FURNISH & APPLIED	LF	550	\$ 5.00	\$2,750.00
296	REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) 24" WHITE/SOLID - FURNISH & APPLIED	LF	80	\$ 20.00	\$1,600.00
297	REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) WORD "ONLY" - FURNISH & APPLIED	EA	50	\$ 10.00	\$500.00
298	REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) SINGLE ARROW-LEFT - FURNISH & APPLIED	EA	50	\$ 10.00	\$500.00
299	REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) SINGLE ARROW-RIGHT - FURNISH & APPLIED	EA	50	\$ 10.00	\$500.00
300	REFLECTORIZED PAVEMENT MARKERS TYPE II-C-R - FURNISH & INSTALL	EA	50	\$ 30.00	\$1,500.00
301	NON-REFLECTORIZED CERAMIC TRAFFIC BUTTONS (WHITE) - FURNISH & INSTALL	EA	10	\$ 30.00	\$300.00
302	REFLECTORIZED PAVEMENT MARKERS TYPE II-A-A YELLOW - FURNISH & INSTALL	EA	10	\$ 30.00	\$300.00

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Item No.	Description	UOM	Est. Qty.	Unit Price	Total Price
303	4" SQUARE 4-WAY BLUE REFLECTORIZED RAISED TRAFFIC MARKERS (TYPE II) - FURNISH AND INSTALL	EA	50	\$ 30.00	\$1,500.00
304	REMOVING PAVEMENT STRIPING & MARKINGS (4" WIDTH, ANY COLOR/DASHED) (15' OVER 40')	LF	50	\$ 30.00	\$1,500.00
305	REMOVING PAVEMENT MARKINGS (ANY BUTTON)	EA	50	\$ 30.00	\$1,500.00
306	REMOVAL OF ALL STRIPING AND PAVEMENT MARKINGS	SF	50	\$ 30.00	\$1,500.00
<b>Subtotal</b>					<b>\$24,400.00</b>
<b><u>STORM WATER POLLUTION PREVENTION PLAN</u></b>					
307	SODDING FOR EROSION CONTROL (VARIOUS WIDTHS)	SY	6820	\$ 6.00	\$40,920.00
308	SEEDING FOR EROSION CONTROL	SY	35820	\$ 0.70	\$25,074.00
309	FILTER FABRIC FENCE (60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	LF	50	\$ 10.00	\$500.00
310	REINFORCED FILTER FABRIC BARRIER ( 60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	LF	8620	\$ 2.00	\$17,240.00
311	INLET PROTECTION BARRIER (STAGE 1, WITH FIBER ROLLS; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	EA	130	\$ 10.00	\$1,300.00
312	STABILIZED CONSTRUCTION ACCESS (TYPE 1-ROCK; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	SY	630	\$ 10.00	\$6,300.00
313	CONCRETE TRUCK WASHOUT STRUCTURES (60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	LS	1	\$ 2,000.00	\$2,000.00
314	INLET PROTECTION BARRIER (FOR STAGE II INLETS, GRAVEL BAGS; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST REMOVAL)	EA	30	\$ 10.00	\$300.00
315	INLET PROTECTION BARRIER (FOR STAGE II INLETS, GRAVEL BAGS; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	EA	50	\$ 10.00	\$500.00
316	ROCK FILTER DAM (TYPE 1; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	LF	50	\$ 40.00	\$2,000.00
317	ROCK FILTER DAM (TYPE 3; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	LF	300	\$ 20.00	\$6,000.00
318	ROCK FILTER DAM (TYPE 2; 60% OF UNIT COST FOR FURNISH AND INSTALLATION, AND 40% OF UNIT COST FOR REMOVAL)	LF	50	\$ 40.00	\$2,000.00
319	SWPPP INSPECTION AND MAINTENANCE (MIN. BID 3 MONTHS, \$1,500)	MO	20	\$ 6,000.00	\$120,000.00
<b>Subtotal</b>					<b>\$224,134.00</b>
<b><u>** EXTRA WORK ITEMS</u></b>					
320	SECOND MOBILIZATION (70% OF UNIT COST AT COMPLETION OF MOB., AND 30% OF UNIT COST AFTER FINAL CLEANUP)	LS	1	\$ 5,000.00	\$5,000.00
321	CARE OF WATER	LS	1	\$ 5,000.00	\$5,000.00
322	RELOCATION OF EXISTING UTILITIES (FIRE HYDRANT)	EA	50	\$ 100.00	\$5,000.00
323	RELOCATION OF EXISTING UTILITIES (WATER METERS)	ALLOW	1	\$ 100.00	\$100.00
324	RELOCATION OF EXISTING UTILITIES (WATERLINES)(ALL SIZES)	ALLOW	1	\$ 100.00	\$100.00
325	RELOCATION OF EXISTING UTILITIES (SEWER LINES)(ALL SIZES)	ALLOW	1	\$ 100.00	\$100.00

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Item No.	Description	UOM	Est. Qty.	Unit Price	Total Price
326	RELOCATION OF EXISTING UTILITIES (POWER POLES)	ALLOW	1	\$ 100.00	\$100.00
327	ABANDON & GROUT FILL EXISTING STORM SEWER	CY	40	\$ 150.00	\$6,000.00
328	ADDITIONAL MISCELLANEOUS STEEL	TON	50	\$ 100.00	\$5,000.00
329	ADDITIONAL MISCELLANEOUS CONCRETE (MIN. 4000 PSI)	CY	50	\$ 100.00	\$5,000.00
330	CONNECTION TO EXISTING MANHOLES, JUNCTION BOXES	EA	50	\$ 1,000.00	\$50,000.00
331	CONCRETE COLLAR; 18" - 36"	EA	50	\$ 500.00	\$25,000.00
332	CONCRETE COLLAR; 36" AND GREATER	EA	10	\$ 2,000.00	\$20,000.00
333	PREFABRICATED 42" TO 30" REINFORCED CONCRETE PIPE TEE, CLASS III	EA	1	\$ 1,500.00	\$1,500.00
334	BRACING AND SHORING OF UTILITIES	ALLOW	1	\$ 100.00	\$100.00
335	CEMENT STABILIZED SAND BASE FOR HIGH STRENGTH CONCRETE (6" DEPTH) (MIN. BID \$6/SY)	SY	600	\$ 20.00	\$12,000.00
336	EXISTING FENCE AND GATES (CHAIN LINK FENCE) (REMOVAL AND REINSTALLATION)	LF	50	\$ 50.00	\$2,500.00
337	EXISTING FENCE AND GATES (BARBED WIRE FENCE) (REMOVAL AND REINSTALLATION)	LF	1670	\$ 5.00	\$8,350.00
338	EXISTING FENCE AND GATES (WOOD FENCE) (REMOVAL AND REINSTALLATION)	LF	90	\$ 30.00	\$2,700.00
339	EXISTING FENCE AND GATES (OTHER TYPES) (REMOVAL AND REINSTALLATION)	LF	350	\$ 10.00	\$3,500.00
340	MAILBOX INSTALL-S (TWG-POST) TY 1	EA	5	\$ 350.00	\$1,750.00
341	SITE SPECIFIC JUNCTION BOX AND GRINDER PUMP	ALLOW	1	\$ 100.00	\$100.00
342	TREE PROTECTION & TRIMMING	EA	5	\$ 800.00	\$4,000.00
343	ROOT PRUNE TRENCH	LF	500	\$ 10.00	\$5,000.00
344	REMOVE CANOPIES (ALL TYPES)	EA	10	\$ 600.00	\$6,000.00
345	REMOVE PLANTERS	LF	40	\$ 50.00	\$2,000.00
346	TREE REMOVAL (4" - 12" DIA)	EA	10	\$ 100.00	\$1,000.00
347	TREE REMOVAL (12" - 18" DIA)	EA	10	\$ 600.00	\$6,000.00
348	TREE REMOVAL (18" - 24" DIA)	EA	10	\$ 1,000.00	\$10,000.00
349	TREE REMOVAL (24" - 30" DIA)	EA	10	\$ 1,200.00	\$12,000.00
350	TOPSOIL	SY	50	\$ 50.00	\$2,500.00
351	FLOWABLE FILL	CY	10	\$ 200.00	\$2,000.00
352	SEAL SLAB (Min Bid \$25.00/SY)	SY	950	\$ 25.00	\$23,750.00
353	WELL POINT SYSTEM (Min Bid \$25.00/LF)	LF	800	\$ 25.00	\$20,000.00
354	OFF-DUTY UNIFORMED PEACE OFFICE - AS DIRECTED BY ENGINEER (MIN. BID \$45/HR)	HR	1850	\$ 45.00	\$83,250.00
Subtotal					\$336,400.00
GRAND TOTAL					\$16,742,464.00
<sup>1</sup> Award Recommendation Only Bid					