

Order	Description	Alternate	Optional
1	Labor & Material		
2	Allowance		
3	Contingency		
4	Alternate #1	X	
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Fixed	Price

Ref. No.	Item No.	Description	Estimated Quantities	Units	Price of Materials	Total
1	201	CLEARING AND GRUBBING	1.00	LS	\$4,000.00	\$ 4,000.00
2	201	TREE REMOVED, <6" SIZE, AS PER PLAN	14.00	EA	\$1,800.00	\$ 25,200.00
3	202	PIPE REMOVED	245.00	LF	\$20.00	\$ 4,900.00
4	202	PIPE FILLED IN PLACE, AS PER PLAN	1,660.00	LF	\$18.00	\$ 29,880.00
5	202	PAVEMENT REMOVED	382.00	SY	\$15.00	\$ 5,730.00
6	202	WALK REMOVED	7,214.00	SF	\$4.00	\$ 28,856.00
7	202	CURB REMOVED	3,613.00	LF	\$7.00	\$ 25,291.00
8	202	CURB AND GUTTER REMOVED	262.00	LF	\$8.00	\$ 2,096.00
9	202	FENCE REMOVED FOR REUSE OR STORAGE	6.00	LF	\$17.00	\$ 102.00
10	202	MANHOLE ABANDONED	1.00	EA	\$1,000.00	\$ 1,000.00
11	202	CATCH BASIN OR INLET REMOVED	9.00	EA	\$400.00	\$ 3,600.00
12	202	MANHOLE REMOVED	1.00	EA	\$700.00	\$ 700.00
13	203	EXCAVATION	248.00	CY	\$30.00	\$ 7,440.00
14	203	EMBANKMENT	41.00	CY	\$25.00	\$ 1,025.00
15	608	CONCRETE WALK, 4"	9,517.00	SF	\$8.00	\$ 76,136.00
16	608	CONCRETE WALK, 6"	772.00	SF	\$10.00	\$ 7,720.00
17	608	CONCRETE WALK, 8"	56.00	SF	\$11.00	\$ 616.00
18	608	CURB RAMPS	11.00	EA	\$900.00	\$ 9,900.00
19	608	DETECTABLE WARNING, TYPE D	6.00	EA	\$325.00	\$ 1,950.00
20	608	DETECTABLE WARNING, TYPE E	11.00	EA	\$275.00	\$ 3,025.00
21	609	CURB, STRAIGHT 18", AS PER PLAN	1,918.00	LF	\$35.00	\$ 67,130.00
22	609	COMBINATION CURB AND GUTTER, TYPE STANDARD	94.00	LF	\$44.00	\$ 4,136.00
23	SPECIAL	DELINEATOR	26.00	EA	\$500.00	\$ 13,000.00
24	SPECIAL	PRIVATE LIGHT POLE, RELOCATED	1.00	EA	\$1,000.00	\$ 1,000.00
25	SPECIAL	WHEEL GUARD	117.00	EA	\$300.00	\$ 35,100.00
26	207	INLET PROTECTION (W/ GRATE)	17.00	EA	\$175.00	\$ 2,975.00
27	207	INLET PROTECTION (W/O GRATE)	26.00	EA	\$150.00	\$ 3,900.00
28	207	PERIMETER FILTER FABRIC FENCE	3,960.00	LF	\$2.50	\$ 9,900.00
29	616	CALCIUM CHLORIDE	4.00	TON	\$1,000.00	\$ 4,000.00
30	616	WATER	4.00	MGAL	\$125.00	\$ 500.00
31	653	TOPSOIL FURNISHED AND PLACED, AS DIRECTED BY ENGINEER	60.00	CY	\$50.00	\$ 3,000.00
32	659	SEEDING AND MULCHING	2,281.00	SY	\$2.50	\$ 5,702.50
33	659	WATER	0.10	MGAL	\$1,500.00	\$ 150.00
34	660	SODDING UNSTAKED	57.00	SY	\$7.50	\$ 427.50
35	661	PERENNIALS, #1 CONTAINER, NODDING ONION	470.00	EA	\$12.00	\$ 5,640.00
36	661	PERENNIALS, #1 CONTAINER, BLUE STAR AMSONIA	710.00	EA	\$12.00	\$ 8,520.00
37	661	PERENNIALS, #1 CONTAINER, BUTTERFLY WEED	685.00	EA	\$12.00	\$ 8,220.00
38	661	PERENNIALS, #1 CONTAINER, FALSE ASTER	1,000.00	EA	\$12.00	\$ 12,000.00
39	661	PERENNIALS, #1 CONTAINER, KIM'S KNEE HIGH PURPLE CONEFLOWER	755.00	EA	\$12.00	\$ 9,060.00
40	661	PERENNIALS, #1 CONTAINER, BLACK-EYED SUSAN	915.00	EA	\$12.00	\$ 10,980.00
41	661	PERENNIALS, #1 CONTAINER, AUTUMN JOY SEDUM	605.00	EA	\$12.00	\$ 7,260.00
42	661	PERENNIALS, #1 CONTAINER, LITTLE BLUESTEM	245.00	EA	\$12.00	\$ 2,940.00
43	661	PERENNIALS, #1 CONTAINER, ICE DANCE SEDGE	330.00	EA	\$12.00	\$ 3,960.00
44	661	PERENNIALS, #1 CONTAINER, CREEPING LILY TURF	725.00	EA	\$12.00	\$ 8,700.00
45	661	PERENNIALS, #1 CONTAINER, DWARF FOUNTAIN GRASS	1,095.00	EA	\$12.00	\$ 13,140.00
46	661	TREE SEEDLING, (2"), AS DIRECTED BY ENGINEER	15.00	EA	\$350.00	\$ 5,250.00
47	1603	TREE PROTECTION FENCING	53.00	EA	\$200.00	\$ 10,600.00
48	SPECIAL	MAINTENANCE OF STORMWATER POLLUTION PREVENTION PLAN	1.00	LS	\$10,000.00	\$ 10,000.00
49	SPECIAL	SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 2	38.00	SY	\$10.00	\$ 380.00
50	601	INFILTRATION BASIN AGGREGATE (NO. 57 AGGREGATE), AS PER PLAN	845.00	CY	\$65.00	\$ 54,925.00
51	601	INFILTRATION BASIN AGGREGATE (NO. 8 AGGREGATE), AS PER PLAN	134.00	CY	\$70.00	\$ 9,380.00
52	601	INFILTRATION BASIN AGGREGATE (SAND), AS PER PLAN	134.00	CY	\$55.00	\$ 7,370.00
53	603	4" CONDUIT, TYPE E - ROOF DRAINS, AS PER PLAN	45.00	EA	\$250.00	\$ 11,250.00
54	604	MANHOLE, TYPE C	18.00	EA	\$4,300.00	\$ 77,400.00
55	604	MANHOLE, TYPE E	9.00	EA	\$7,500.00	\$ 67,500.00
56	604	INLETS (AA-S121)	2.00	EA	\$3,200.00	\$ 6,400.00
57	604	INLETS (AA-S123)	1.00	EA	\$4,000.00	\$ 4,000.00
58	604	INLETS (AA-S125A)	3.00	EA	\$2,000.00	\$ 6,000.00
59	901	8" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 911 COMPACTED BACKFILL	34.00	LF	\$63.00	\$ 2,142.00
60	901	8" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 912 COMPACTED GRANULAR MATERIAL	964.00	LF	\$75.00	\$ 72,300.00
61	901	8" PIPE, AS PER PLAN	1,809.00	LF	\$35.00	\$ 63,315.00
62	901	15" STORM PIPE, WITH TYPE 1 BEDDING, WITH ITEM 912 COMPACTED GRANULAR MATERIAL	437.00	LF	\$120.00	\$ 52,440.00
63	901	15" STORM PIPE (C900), WITH TYPE 1 BEDDING, WITH ITEM 912 COMPACTED GRANULAR MATERIAL	225.00	LF	\$150.00	\$ 33,750.00
64	901	12" STORM PIPE, WITH TYPE 1 BEDDING, WITH ITEM 912 COMPACTED GRANULAR MATERIAL	1,921.00	LF	\$110.00	\$ 211,310.00
65	901	12" STORM PIPE (C900), WITH TYPE 1 BEDDING, WITH ITEM 912 COMPACTED BACKFILL	101.00	LF	\$140.00	\$ 14,140.00

66	901	8" STORM PIPE (HDPE), TYPE 1 BEDDING, WITH ITEM 911 COMPACTED NATIVE BACKFILL, AS PER PLAN	45.00	LF	\$45.00	\$ 2,025.00
67	901	10" STORM PIPE (HDPE), TYPE 1 BEDDING, WITH ITEM 911 COMPACTED NATIVE BACKFILL, AS PER PLAN	487.00	LF	\$55.00	\$ 26,785.00
68	901	12" STORM PIPE (HDPE), TYPE 1 BEDDING, WITH ITEM 911 COMPACTED NATIVE BACKFILL, AS PER PLAN	240.00	LF	\$65.00	\$ 15,600.00
69	902	INCREASED OR DECREASED EARTH EXCAVATION	50.00	CY	\$50.00	\$ 2,500.00
70	906	STONE FOUNDATION	50.00	CY	\$75.00	\$ 3,750.00
71	915	CLEANOUT	7.00	EA	\$650.00	\$ 4,550.00
72	915	CLEANOUT, AS PER PLAN	81.00	EA	\$300.00	\$ 24,300.00
73	915	36"X8" DIAMETER WYE FITTING	1.00	EA	\$450.00	\$ 450.00
74	915	15"X8" DIAMETER WYE FITTING	9.00	EA	\$500.00	\$ 4,500.00
75	915	12"X8" DIAMETER WYE FITTING	4.00	EA	\$400.00	\$ 1,600.00
76	1602	EXCAVATION FOR GREEN INFRASTRUCTURE FACILITIES	148.00	CY	\$41.00	\$ 6,068.00
77	1604	BIORETENTION SOIL	853.00	CY	\$3.50	\$ 2,985.50
78	1604	BIORETENTION MULCH	134.00	CY	\$5.00	\$ 670.00
79	1604	EDGING, STEEL	222.00	LF	\$7.00	\$ 1,554.00
80	1609	GREEN INFRASTRUCTURE PERIOD OF ESTABLISHMENT SEASON 2	1.00	LS	\$100,000.00	\$ 100,000.00
81	SPECIAL	ROCK SPLASH PAD	119.00	EA	\$300.00	\$ 35,700.00
82	SPECIAL	CASTING ADJUSTED, AS DIRECTED BY ENGINEER	2.00	EA	\$500.00	\$ 1,000.00
83	SPECIAL	INLET ADJUSTED, AS DIRECTED BY ENGINEER	6.00	EA	\$625.00	\$ 3,750.00
84	SPECIAL	TRENCH DRAIN	27.00	LF	\$275.00	\$ 7,425.00
85	SPECIAL	24" DIAMETER OVERFLOW STRUCTURE	53.00	EA	\$2,500.00	\$ 132,500.00
86	SPECIAL	GREEN INFRASTRUCTURE MONITORING STATION, ALLOWANCE	1.00	LS	\$10,000.00	\$ 10,000.00
87	604	MANHOLE, TYPE E (SANITARY)	1.00	EA	\$4,300.00	\$ 4,300.00
88	802	6" VALVE AND APPURTENANCES	1.00	EA	\$1,000.00	\$ 1,000.00
89	805	3/4 INCH WATER SERVICE TAP, TRANSFERRED	86.00	EA	\$750.00	\$ 64,500.00
90	807	SERVICE BOXES, ADJUSTED TO GRADE	9.00	EA	\$85.00	\$ 765.00
91	808	CUT AND PLUG (CAP) 8" WATER LINE	4.00	EA	\$1,400.00	\$ 5,600.00
92	808	RELOCATE 6" WATER LINE	198.00	LF	\$125.00	\$ 24,750.00
93	808	RELOCATE 6" WATER LINE	9.00	EA	\$4,500.00	\$ 40,500.00
94	808	RELOCATE 8" WATER LINE	605.00	LF	\$175.00	\$ 105,875.00
95	808	RELOCATE 8" WATER LINE	2.00	EA	\$7,500.00	\$ 15,000.00
96	808	RELOCATE 12" WATER LINE	1.00	EA	\$10,000.00	\$ 10,000.00
97	809	FIRE HYDRANT	1.00	EA	\$2,500.00	\$ 2,500.00
98	816	WATER SERVICE TAP RELOCATED, AS PER PLAN	11.00	EA	\$750.00	\$ 8,250.00
99	816	WATER SERVICE TAP ABANDONED, AS PER PLAN	46.00	EA	\$300.00	\$ 13,800.00
100	SPECIAL	3/4 INCH WATER SERVICE TAP, TRANSFERRED, AS DIRECTED BY ENGINEER	15.00	EA	\$750.00	\$ 11,250.00
101	SPECIAL	SURVEY COORDINATES	1.00	LS	\$8,000.00	\$ 8,000.00
102	254	PAVEMENT PLANING, ASPHALT CONCRETE	10,930.00	SY	\$7.50	\$ 81,975.00
103	259	PERMANENT PAVEMENT, TYPE 1 (BITUMINOUS) - W/ HEAT WELD	75.00	CY	\$400.00	\$ 30,000.00
104	259	PERMANENT PAVEMENT, TYPE 1 (BITUMINOUS) - W/O HEAT WELD	1,140.00	CY	\$360.00	\$ 410,400.00
105	259	DRIVEWAY PAVEMENT REPLACEMENT, TYPE IIIA (ASPHALT)	26.00	CY	\$500.00	\$ 13,000.00
106	259	DRIVEWAY PAVEMENT REPLACEMENT, TYPE IIIB (CONCRETE)	8.00	CY	\$450.00	\$ 3,600.00
107	448	ASPHALT CONCRETE SURFACE COURSE (MEDIUM TRAFFIC), PG64-22	456.00	CY	\$225.00	\$ 102,600.00
108	452	NON-REINFORCED CONCRETE (6")	220.00	SY	\$65.00	\$ 14,300.00
109	452	NON-REINFORCED CLASS MS CONCRETE (10")	41.00	SY	\$150.00	\$ 6,150.00
110	644	EDGE LINE, 5" WHITE	0.06	MILE	\$3,500.00	\$ 210.00
111	644	CENTERLINE, 5" SOLID & DASHED	0.02	MILE	\$7,000.00	\$ 140.00
112	644	LANE ARROW	1.00	EA	\$95.00	\$ 95.00
113	644	BIKE LANE MARKING	1.00	EA	\$500.00	\$ 500.00
114	511	CLASS C CONCRETE, BIORETENTION BASINS, AS PER PLAN	798.00	CY	\$1,000.00	\$ 798,000.00
115	614	MAINTAINING TRAFFIC	1.00	LS	\$40,000.00	\$ 40,000.00
116	615	TEMPORARY PAVEMENT	1,750.00	SY	\$12.00	\$ 21,000.00
117	630	GROUND MOUNTED SUPPORT, NO. 2 POST	1,112.00	LF	\$13.00	\$ 14,456.00
118	630	SIGN, FLAT SHEET	194.00	SF	\$24.00	\$ 4,656.00
119	630	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	1.00	EA	\$35.00	\$ 35.00
120	630	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	1.00	EA	\$30.00	\$ 30.00
121	630	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	1.00	EA	\$170.00	\$ 170.00
122	108	CPM SCHEDULE	1.00	LS	\$10,000.00	\$ 10,000.00
123	623	CONSTRUCTION LAYOUT STAKES	1.00	LS	\$12,000.00	\$ 12,000.00
124	624	MOBILIZATION	1.00	LS	\$97,000.00	\$ 97,000.00
125	SPECIAL	FORCE ACCOUNT (0.20 X Sum of Items 1 through 124)	1.00	LS	\$712,895.90	\$ 712,895.90

TOTAL ABOVE IS HIS TOTAL BID BASED UPON HIS UNIT PRICES AND LUMP SUM PRICES AND THE ESTIMATED HOWN ON THE PLANS. THIS FIGURE IS FOR INFORMATION AT THE TIME OF THE OPENING OF THE BIDS ONLY.

\$4,277,375.40

Short	Long	Metric
EA	Each	
LF	Linear Foot	(Linear Meter)
CY	Cubic Yard	(Cubic Meter)
LS	Lump Sum	
SY	Square Yard	(Square Meter)
SF	Square Foot	(Square Meter)
TON	Ton	(Metric Ton)
GAL	Gallon	(Liter)
MILE	Mile	(Kilometer)
HR	Hour	
MGAL	Thousands of Gallons (Thousands of Liters)	
MON	Month	
DAY	Day	
ACRE	Acre	(Hectare)
CF	Cubic Foot	(Cubic Meter)
FT	Foot	(Meter)
LB	Pound	(Kilogram)
MBF	Thousand Board Feet (Cubic Meters)	