



Pro Bid Estimating
Win More Bids

PROJECT

DATE 15-Sep-20

ITEM #	DWG NO	DWG REF	CSI NO	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT COST	ITEM COST	TRADE COST	
			010000	DIVISION 01- GENERAL REQUIREMENTS							\$	-
1				Submittal Proedures	1	0%	1	ls	\$ -	\$ -		
2				Temporary Facilities and Controls	1	0%	1	ls	\$ -	\$ -		
3				Closeout Procedures	1	0%	1	ls	\$ -	\$ -		
4				Payment Procedures	1	0%	1	ls	\$ -	\$ -		
5				Contract Modification Procedures	1	0%	1	ls	\$ -	\$ -		
			020000	DIVISION 02-DEMOLITION							\$	-
6				Remove Existing Asphalt Pavement	33027	0%	33,027	sf	\$ -	\$ -		
7				Remove Existing curb & gutter	284	0%	284	lf	\$ -	\$ -		
8				Remove Existing Wire Fence In its Entirety	2176	0%	2,176	lf	\$ -	\$ -		
9				Remove Existing Chain Link Fence In its Entirety	1243	0%	1,243	lf	\$ -	\$ -		
10				Relocate Existing Overhead utilities & Wires	1	0%	1	ea	\$ -	\$ -		
11				Relocate Existing Fire Hydrant	2	0%	2	ea	\$ -	\$ -		
12				Remove & relocate existing Street Sign	2	0%	2	ea	\$ -	\$ -		
13				Remove Existing Manholes	8	0%	8	ea	\$ -	\$ -		
14	C100			Remove existing Concrete Pavement	3563	0%	3,563	sf	\$ -	\$ -		
15				Remove exiting Rockwall	382	0%	382	lf	\$ -	\$ -		
16				Remove existing Storm Culvert	2	0%	2	ea	\$ -	\$ -		
17				Adjust existing Sanitary Manhole Tops	3	0%	3	ea	\$ -	\$ -		
18				Remove existing Grate inlet	1	0%	1	ea	\$ -	\$ -		
19				Remove existing Misc. Item	4	0%	4	ea	\$ -	\$ -		
20				Remove existing Sanitary pipe	1948	0%	1,948	lf	\$ -	\$ -		
21				Remove Existing Storm line In Its Entirety	150	0%	150	lf	\$ -	\$ -		
22				Relocate existing Main water pipe	804	0%	804	lf	\$ -	\$ -		
23				Remove Existing Overhead Utilities & Wires	58	0%	58	ea	\$ -	\$ -		
			310000	DIVISION 31-EARTHWORK							\$	-
24				Excavation (for landscaping) Note; 20% Fluff factor Is Added	114	20%	137	cy	\$ -	\$ -		
25				Backfill imported soil (for landscaping) Note; 20% Fluff factor Is Added	56	20%	67	cy	\$ -	\$ -		
26				Excavation (for Utilities) Note; 20% Fluff factor Is Added	6370	20%	7,644	cy	\$ -	\$ -		
27				Backfill (for Utilities) Note; 20% Fluff Factor Is Added	3680	20%	4,416	cy	\$ -	\$ -		
28				Excavation (for Hardscape) Note; 20% Fluff factor Is Added	8351	20%	10,021	cy	\$ -	\$ -		
29				Backfill (forHardscape) Note; 20% Fluff factor Is Added	2950	20%	3,540	cy	\$ -	\$ -		
			000032	DIVISION 32- EXTERIOR IMPROVEMENT							\$	-
30				HARDSCAPE ADA Ramp	150	10%	165	sf	\$ -	\$ -		

31	Rip Rap Apron	1090	10%	1,199	sf	\$	-	\$	-
	ASPHALT PAVEMENT AS:								
32	2" Type 3 Asphaltic Concrete Surface	40440	10%	44,484	sf	\$	-	\$	-
33	4" Type 1 Asphaltic Concrete base Corse	40440	10%	44,484	sf	\$	-	\$	-
34	6" AB-3 Aggregate Base course	40440	10%	44,484	sf	\$	-	\$	-
35	2" Type 3 Asphaltic Concrete Surface	141320	10%	155,452	sf	\$	-	\$	-
36	6" Type 1 Asphaltic Concrete base Corse	141320	10%	155,452	sf	\$	-	\$	-
37	6" AB-3 Aggregate Base course	141320	10%	155,452	sf	\$	-	\$	-
	KMCO CONCRETE SIDEWALK AS:								
38	4" PCC Concrete Sidewalk	46710	10%	51,381	sf	\$	-	\$	-
39	6" Compacted Base Course	46710	10%	51,381	sf	\$	-	\$	-
	PC PAVEMENT AS:								
40	8" PCC Pavement w/W/6x6 W2.9xW2.9 Welded Wire fabri	5585	10%	6,144	sf	\$	-	\$	-
41	6" AB-3 Aggregate Base course	5585	10%	6,144	sf	\$	-	\$	-
	FIRE ACCESS PAVEMENT AS:								
42	6" Type 5-01 Asphaltic Concrete Base Course	7500	10%	8,250	sf	\$	-	\$	-
43	6" AB-3 Aggregate Base course	7500	10%	8,250	sf	\$	-	\$	-
	10' TRAIL AS:								
	Option 1 as:								
44	2" Type 4 Asphaltic Concert Surface	13080	10%	14,388	sf	\$	-	\$	-
45	5" Type 1 Asphaltic Concrete Base Course	13080	10%	14,388	sf	\$	-	\$	-
46	6" Compacted Subgrade	13080	10%	14,388	sf	\$	-	\$	-
	CONCRETE CURB AS:								
47	(18"x8") KCMO Concrete Curb Type C-1	7481	10%	8,229	lf	\$	-	\$	-
	RETANING WALL AS:								
48	Concrete Retaining Wall			1,448	sf	\$	-	\$	-
	Note: 7' Assumed Height, Please verify	1316	10%						
49	Guarad Rail	188	10%	207	lf	\$	-	\$	-
50	Versa Lok MSE Retaining Wall			6,930	sf	\$	-	\$	-
	Note:7' Assumed Height Please verify	6300	10%						
51	(6" Thk) Concrete Leveling Pad	33	10%	37	cy	\$	-	\$	-
52	(2'W,7'H) Drainage Agregate	468	10%	514	cy	\$	-	\$	-
53	4" Dia Pipe Outlet	902	10%	992	lf	\$	-	\$	-
54	Handrail	200	10%	220	lf	\$	-	\$	-
	CONCRETE STAIRS AS:								
55	(5'W Tread, 6" Riser) Reinforced Concrete Steps	45	0%	45	Steps	\$	-	\$	-
56	Railing	110	10%	121	lf	\$	-	\$	-
	MISC ITEMS								
57	Proposed Stop Sign	2	0%	2	ea	\$	-	\$	-
58	Bicycle Parking Strips	585	10%	643	sf	\$	-	\$	-
59	Corssway Marking	832	10%	915	sf	\$	-	\$	-
60	4" Solid White parking Strip	283	0%	283	ea	\$	-	\$	-
61	Monument sign	1	0%	1	ea	\$	-	\$	-
62	Fence	228	10%	250	lf	\$	-	\$	-

LANDSCAPING

63			Concrete pad	726	10%	799	sf	\$	-	\$	-
64			5' Tall black vinyl coated Chain link fence	486	10%	535	lf	\$	-	\$	-
65			Bike rack	18	0%	18	ea	\$	-	\$	-
66			3'W Battery operated access control gate	1	0%	1	ea	\$	-	\$	-
67	L101-L104	L1106	3'W Secondary gate	1	0%	1	ea	\$	-	\$	-
68			2'-3"x6'-3" Bench	4	0%	4	ea	\$	-	\$	-
69			PET waste station	1	0%	1	ea	\$	-	\$	-
70			2'x2'x2' Limestone boulder	19	0%	19	ea	\$	-	\$	-
71			3'x1'-6" Limestone step stone	147	0%	147	ea	\$	-	\$	-
			PLANTING								
72			Tree protection	137	0%	137	ea	\$	-	\$	-
			DECIDUOUS TREES								
73			Caddo maple	38	0%	38	ea	\$	-	\$	-
74			White shield osage orange	20	0%	20	ea	\$	-	\$	-
75			American dream oak	4	0%	4	ea	\$	-	\$	-
76			Shingle oak	21	0%	21	ea	\$	-	\$	-
77			Emerald sunshine elm	22	0%	22	ea	\$	-	\$	-
			EVERGREEN TREES								
78			6'-7'H, Vanderwolf's pyramid pine	25	0%	25	ea	\$	-	\$	-
			ORNAMENTAL TREES								
79			6'-7'H, Downy serviceberry	7	0%	7	ea	\$	-	\$	-
			DECIDUOUS SHRUBS								
80			Dwarf forthergilla	208	0%	208	ea	\$	-	\$	-
			Henry's garnet sweetspire								
81	L101	PLANTING	Silver sprite bayberry	102	0%	102	ea	\$	-	\$	-
82		SCHEDULE	Gro-low fragrant sumac	82	0%	82	ea	\$	-	\$	-
			EVERGREEN SHRUBS								
83			Gem box inkberry holly	126	0%	126	ea	\$	-	\$	-
84			Blue rug juniper	210	0%	210	ea	\$	-	\$	-
85			Sea green juniper	233	0%	233	ea	\$	-	\$	-
			GRASSES & PERENNIALS								
86			Blonde ambition blue grama	451	0%	451	ea	\$	-	\$	-
87			Sunray tickseed	121	0%	121	ea	\$	-	\$	-
88			Halcyon plantain lily	119	0%	119	ea	\$	-	\$	-
89			Balmy pink bee balm	547	0%	547	ea	\$	-	\$	-
90			Shenandoah switch grass	204	0%	204	ea	\$	-	\$	-
91			Lyrical blues salvia	320	0%	320	ea	\$	-	\$	-
92			Little bluestem grass	904	0%	904	ea	\$	-	\$	-
			GROUND COVERS								
93			Mesic prairie grass mix	96258	10%	105,884	sf	\$	-	\$	-
94			Tall fescue/ turf type tall fescue blend	63882	10%	70,270	sf	\$	-	\$	-

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DIVISION 33- UTILITIES

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WATER CONNECTION

95		Hose bib	2	0%	2	ea	\$	-	\$	-	
96		Water fountain	1	0%	1	ea	\$	-	\$	-	
97		6" Water meter	2	0%	2	ea	\$	-	\$	-	
98		6" Backflow preventer	2	0%	2	ea	\$	-	\$	-	
99		2"x2" - 90 Degree bend	4	0%	4	ea	\$	-	\$	-	
100		6"x4" - 90 Degree bend	1	0%	1	ea	\$	-	\$	-	
101		6"x6" - 45 Degree bend	2	0%	2	ea	\$	-	\$	-	
102		6"x6" - 90 Degree bend	7	0%	7	ea	\$	-	\$	-	
103	C110	Water Connection Schedule	22.5 Degree Bend	1	0%	1	ea	\$	-	\$	-
104			28 Degree Bend	1	0%	1	ea	\$	-	\$	-
105			3/4"x3/4"x3/4" Tee	1	0%	1	ea	\$	-	\$	-
106			4"x4"x4" Tee	1	0%	1	ea	\$	-	\$	-
107			6"x6"x4" Tee	8	0%	8	ea	\$	-	\$	-
108			6"x6"x6" Tee	8	0%	8	ea	\$	-	\$	-
109			8"x8"x6" Tee	2	0%	2	ea	\$	-	\$	-
110			6"x6"x4" Tee w/ 1 Gate valves	1	0%	1	ea	\$	-	\$	-
111			6"x6"x4" Tee w/ MJ plug tapped	1	0%	1	ea	\$	-	\$	-
112			6"x6"x6" Tee w/ 2 Gate valves	3	0%	3	ea	\$	-	\$	-
WATER PIPES											
113	C109	2" Tpe "K" Copper domestic water	446	10%	491	lf	\$	-	\$	-	
114		3/4" Tpe "K" Copper domestic water	203	10%	223	lf	\$	-	\$	-	
115		3" DIP domestic water service	10	10%	11	lf	\$	-	\$	-	
116		4" DIP water pipe	169	10%	186	lf	\$	-	\$	-	
117		6" DIP water pipe	1906	10%	2,096	lf	\$	-	\$	-	
118		8" DIP water pipe	718	10%	790	lf	\$	-	\$	-	
119		12" DIP water pipe	494	10%	543	lf	\$	-	\$	-	
120		Fire hydrant	2	0%	2	ea	\$	-	\$	-	
121	Relocate existing fire hydrant	1	0%	1	ea	\$	-	\$	-		
SANITARY SEWER											
122	C111	8" PVC sanitary sewer	1490	10%	1,639	lf	\$	-	\$	-	
123		6" PVC sanitary sewer	1212	10%	1,333	lf	\$	-	\$	-	
124		4" PVC sanitary sewer	49	10%	54	lf	\$	-	\$	-	
125		Cleanout	5	0%	5	ea	\$	-	\$	-	
SANITARY MANHOLE											
126	C114	5' Dia, 4'D Precast manhole	2	0%	2	ea	\$	-	\$	-	
127		5' Dia, 6'-6"D Precast manhole	1	0%	1	ea	\$	-	\$	-	
128		5' Dia, 10'D Precast manhole	2	0%	2	ea	\$	-	\$	-	
129		5' Dia, 15'D Precast manhole	3	0%	3	ea	\$	-	\$	-	
STORM SEWER											
130	C113	Rainwater pipe (please verify either existing or new)	5404	10%	5,944	lf	\$	-	\$	-	
131		6" HDPE Sewer	3056	10%	3,362	lf	\$	-	\$	-	
132		8" HDPE Sewer	2547	10%	2,802	lf	\$	-	\$	-	
133		10" HDPE Sewer	2681	10%	2,949	lf	\$	-	\$	-	
134		12" HDPE Sewer	30	10%	34	lf	\$	-	\$	-	
135		15" HDPE Sewer	319	10%	351	lf	\$	-	\$	-	
136		15" RCP Sewer	82	10%	90	lf	\$	-	\$	-	
137		18" HDPE Sewer	319	10%	351	lf	\$	-	\$	-	
138		24" HDPE Sewer	479	10%	527	lf	\$	-	\$	-	
139		36" HDPE Sewer	70	10%	78	lf	\$	-	\$	-	
140		48" HDPE Sewer	164	10%	180	lf	\$	-	\$	-	
141		Cleanout	16	0%	16	ea	\$	-	\$	-	
142		6" Dia drain basin	1	0%	1	ea	\$	-	\$	-	

143		Drain basin	4	0%	4	ea	\$	-	\$	-		
144		Rip rap	1456	10%	1,601	sf	\$	-	\$	-		
Storm Water Manhole												
145		5' Dia, 5'D Precast manhole	11	0%	11	ea	\$	-	\$	-		
146		5' Dia, 6'D Precast manhole	3	0%	3	ea	\$	-	\$	-		
147		5' Dia, 7'D Precast manhole	4	0%	4	ea	\$	-	\$	-		
148		5' Dia, 8'D Precast manhole	4	0%	4	ea	\$	-	\$	-		
149	C114-C116	5' Dia, 9'-6"D Precast manhole	2	0%	2	ea	\$	-	\$	-		
150		5' Dia, 11'D Precast manhole	2	0%	2	ea	\$	-	\$	-		
151		5' Dia, 12'D Precast manhole	5	0%	5	ea	\$	-	\$	-		
152		5' Dia, 14'D Precast manhole	5	0%	5	ea	\$	-	\$	-		
153		5' Dia, 15'D Precast manhole	3	0%	3	ea	\$	-	\$	-		
154		5' Dia, 19'D Precast manhole	3	0%	3	ea	\$	-	\$	-		
SUB TOTAL								\$	-	\$	-	
OVERHEAD AND PROFIT								25%	\$	-	\$	-
TOTAL BASE BID								\$	-	\$	-	
ALTERNATES												
10' TRAIL AS:								\$	-	\$	-	
Option 2 as:												
155		2" Type 4 Asphaltic Concert Surface	13080	10%	14,388	sf	\$	-	\$	-		
156		3" Type 1 Asphaltic Concrete Base Course	13080	10%	14,388	sf	\$	-	\$	-		
157		4" AB-3 Aggregate Base Course	13080	10%	14,388	sf	\$	-	\$	-		
158		6" Compacted Subgrade	13080	10%	14,388	sf	\$	-	\$	-		
SUB TOTAL								\$	-	\$	-	
OVERHEAD AND PROFIT								25%	\$	-	\$	-
TOTAL BID PRICE								\$	-	\$	-	