Estimate of Materials and Cost of Construction

Date: 1/2/2024
Project: EVS Metals
Project Location: 14.5 AC Tract

SUBMITTED BY:

Sub Contractor's Company
Street Address
State address
Phone
Email
Website link

Summary	Amount
Subtotal	$ -
Profit/Overhead	$ -
Total	$ -

ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT LABOR COST	TOTAL LABOR COST	UNIT MATERIAL COST	TOTAL MATERIAL COST	ITEM COST	TRADE COST
			DIV-01	GENERAL REQUIREMENTS										$ -
1				Permits, Supervision And Cleanup	1	0%	1	LS		$ -	$ -	$ -	$ -	
			DIV-02	EXISTING CONDITIONS										$ -
				SELECTIVE DEMOLITION										
2	02C-07			Cut existing water line	1	0%	1	LOC	$ -	$ -	$ -	$ -	$ -	
3	04C-12			Remove and replace rip rap at (24" Dia.) HDPE sewer pipe	1	0%	1	LOC	$ -	$ -	$ -	$ -	$ -	
			DIV-31	EARTHWORK										$ -
4	04C11-12			(12") Rock rip-rap = 6845 SF	254	5%	266	CY	$ -	$ -	$ -	$ -	$ -	
5	02C02-04C12			Piping excavation @ 20% fluff factor	1,846	5%	1,939	CY	$ -	$ -	$ -	$ -	$ -	
6	02C02-04C12			Piping backfilling @ 20% fluff factor	674	5%	707	CY	$ -	$ -	$ -	$ -	$ -	
7	02C02-04C12			Piping bedding @ 20% fluff factor	175	5%	183	CY	$ -	$ -	$ -	$ -	$ -	
8	02C02-04C12			Drainage structure excavation @ 20% fluff factor	920	5%	966	CY	$ -	$ -	$ -	$ -	$ -	
9	02C02-04C12			Drainage structure backfilling @ 20% fluff factor	587	5%	616	CY	$ -	$ -	$ -	$ -	$ -	
10	02C02-03, 04C-11			Sitework excavation @ 20% fluff factor	3	5%	3	CY	$ -	$ -	$ -	$ -	$ -	
11	02C02-03, 04C-11			Sitework backfilling @ 20% fluff factor	2	5%	2	CY	$ -	$ -	$ -	$ -	$ -	
			DIV-32	EXTERIOR IMPROVEMENTS										$ -
12	04C-11			Concrete rip-rap at pipe	80	5%	84	SF	$ -	$ -	$ -	$ -	$ -	
13	02C02-03			Steel pipe bollard	7	0%	7	EA	$ -	$ -	$ -	$ -	$ -	
			DIV-33	UTILITIES										$ -
				PIPING										
14	02C02-06			(1" Dia.) Water service lead line	150	5%	158	LF	$ -	$ -	$ -	$ -	$ -	
15	02C02-05			(4") Perforated SH 40 PVC french drain line	2,100	5%	2,205	LF	$ -	$ -	$ -	$ -	$ -	
16	02C04-06			(4" Dia.) PVC schedule 80 water line	995	5%	1,045	LF	$ -	$ -	$ -	$ -	$ -	
17	02C02-03			(6" Dia.) SDR 26 PVC waste water line	310	5%	326	LF	$ -	$ -	$ -	$ -	$ -	
18	02C02-07			(8" Dia.) SDR 26 PVC waste water line	1,370	5%	1,439	LF	$ -	$ -	$ -	$ -	$ -	
19	02C02-06			(12" Dia.) PVC C-900 DR 14 fire line	2,530	5%	2,657	LF	$ -	$ -	$ -	$ -	$ -	
20	02C06-07			(12" Dia.) PVC C-900 DR 14 water line	715	5%	751	LF	$ -	$ -	$ -	$ -	$ -	
21	04C06-08			(18" Dia.) HDPE storm sewer pipe	95	5%	100	LF	$ -	$ -	$ -	$ -	$ -	
22	04C08-12			(24" Dia.) HDPE storm sewer pipe	365	5%	383	LF	$ -	$ -	$ -	$ -	$ -	
23	04C08-11			(30" Dia.) HDPE storm sewer pipe	610	5%	641	LF	$ -	$ -	$ -	$ -	$ -	
24	04C09-10			(36" Dia.) HDPE storm sewer pipe	695	5%	730	LF	$ -	$ -	$ -	$ -	$ -	
25	04C10-11			(42" Dia.) HDPE storm sewer pipe	405	5%	425	LF	$ -	$ -	$ -	$ -	$ -	
26	02C03-08			Gas utility line	545	5%	572	LF	$ -	$ -	$ -	$ -	$ -	
27	02C03-08			Underground electric line	605	5%	635	LF	$ -	$ -	$ -	$ -	$ -	
				EQUIPMENT/ ACCESSORIES										
28	02C-06			(1.5") Irrigation meter and backflow preventer	1	0%	1	EA		$ -	$ -	$ -	$ -	
29	02C02-05			(6") GV & box	8	0%	8	EA		$ -	$ -	$ -	$ -	
30	02C-03			(6"x12") Tee	1	0%	1	EA		$ -	$ -	$ -	$ -	
31	02C02-05			(12"x6") Tee	8	0%	8	EA		$ -	$ -	$ -	$ -	
32	02C03-06			(12"x12") Tee	4	0%	4	EA		$ -	$ -	$ -	$ -	

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33	02C-07			(8" Dia.) to 12" Dia. line reducer	1	0%	1	EA		$ -	$ -	$ -	$ -	
34	02C-06			(12" Dia.) to 4" Dia. line reducer	1	0%	1	EA		$ -	$ -	$ -	$ -	
35	04C-11			(42"x24") Wye	1	0%	1	EA		$ -	$ -	$ -	$ -	
36	02C02-05			511-AW-02 SHT **Note: No details given, please verify.**	8	0%	8	EA		$ -	$ -	$ -	$ -	
37	02C06-07			Air release valve	2	0%	2	EA		$ -	$ -	$ -	$ -	
38	02C-06			Fire meter	1	0%	1	EA		$ -	$ -	$ -	$ -	
39	02C-03			Free standing fire department connection	1	0%	1	EA		$ -	$ -	$ -	$ -	
40	02C02-06			Gate valve	26	0%	26	EA		$ -	$ -	$ -	$ -	
41	02C-07			Waste water service connection	1	0%	1	EA		$ -	$ -	$ -	$ -	
42	02C-07			Water service connection	1	0%	1	EA		$ -	$ -	$ -	$ -	
43	02C-06			Water meter and backflow preventer	1	0%	1	EA		$ -	$ -	$ -	$ -	
				BENDS/ DEFLECTION										
44	02C-05			(3 Deg.) Joint deflection @ (4" Dia.) PVC schedule 80 water line	1	0%	1	EA		$ -	$ -	$ -	$ -	
45	02C-05			(3 Deg.) Joint deflection @ (12" Dia.) PVC C-900 DR 14 fire line	1	0%	1	EA		$ -	$ -	$ -	$ -	
46	02C06-07			(3 Deg.) Joint deflection @ (12" Dia.) PVC C-900 DR 14 water line	5	0%	5	EA		$ -	$ -	$ -	$ -	
47	04C-11			(5 Deg.) Bend @ (42" Dia.) HDPE storm sewer pipe	1	0%	1	EA		$ -	$ -	$ -	$ -	
48	04C-10			(11.25 Deg.) @ (36" Dia.) HDPE storm sewer pipe	1	0%	1	EA		$ -	$ -	$ -	$ -	
49	02C06-07			(11.25 Deg.) Bend @ (12" Dia.) PVC C-900 DR 14 water line	3	0%	3	EA		$ -	$ -	$ -	$ -	
50	04C-11			(11.25 Deg.) Fitting @ (42" Dia.) HDPE storm sewer pipe	1	0%	1	EA		$ -	$ -	$ -	$ -	
51	02C05-06			(22.5 Deg.) Bend @ (4" Dia.) PVC schedule 80 water line	3	0%	3	EA		$ -	$ -	$ -	$ -	
52	02C-06			(22.5 Deg.) Bend @ (12" Dia.) PVC C-900 DR 14 fire line	1	0%	1	EA		$ -	$ -	$ -	$ -	
53	02C-07			(45 Deg.) 8" Bend @ (12" Dia.) PVC C-900 DR 14 water line	4	0%	4	EA		$ -	$ -	$ -	$ -	
54	02C04-06			(45 Deg.) Bend @ (4" Dia.) PVC schedule 80 water line	8	0%	8	EA		$ -	$ -	$ -	$ -	
55	02C02-06			(45 Deg.) Bend @ (12" Dia.) PVC C-900 DR 14 fire line	10	0%	10	EA		$ -	$ -	$ -	$ -	
56	02C-06			(45 Deg.) Bend @ (12" Dia.) PVC C-900 DR 14 water line	2	0%	2	EA		$ -	$ -	$ -	$ -	
57	04C-12			(45 Deg.) Fitting (24" Dia.) HDPE storm sewer pipe	1	0%	1	EA		$ -	$ -	$ -	$ -	
58	04C-11			(45 Deg.) Fitting @ (42" Dia.) HDPE storm sewer pipe	1	0%	1	EA		$ -	$ -	$ -	$ -	
				DRAINAGE STRUCTURES										
59	04C06-12	Keynote 1		(2'W) Spill curb and gutter	3,555	5%	3,733	LF	$ -	$ -	$ -	$ -	$ -	
60	04C06-12	Keynote 2		(2'W) Catch and laydown curb w/ gutter	4,865	5%	5,108	LF	$ -	$ -	$ -	$ -	$ -	
61	04C11-12			(5'W) Concrete lined swale **Note: No details given, please verify.**	565	5%	593	LF	$ -	$ -	$ -	$ -	$ -	
62	04C-06			(5'Wx2'D) Concrete lined swale **Note: No details given, please verify.**	145	5%	152	LF	$ -	$ -	$ -	$ -	$ -	
63	04C11-12			(10'W) Concrete swale **Note: No details given, please verify.**	540	5%	567	LF	$ -	$ -	$ -	$ -	$ -	
64	04C06-10			(10'Wx2'D) Concrete swale **Note: No details given, please verify.**	745	5%	782	LF	$ -	$ -	$ -	$ -	$ -	
65	04C-10			(29'W) Concrete swale **Note: No details given, please verify.**	325	5%	341	LF	$ -	$ -	$ -	$ -	$ -	
66	04C-06			(2'6"x2'6"x7'D) Grate inlet -1	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
67	04C-08			(2'6"x2'6"x8'D) Grate inlet -2	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
68	04C-08			(2'6"x2'6"x8'6"D) Grate inlet -3	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
69	04C-08			(2'6"x2'6"x10'6"D) Grate inlet -4	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
70	04C-09			(2'6"x2'6"x15'D) Grate inlet -8	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
71	04C-09			(2'6"x2'6"x16'2"D) Grate inlet -9	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
72	04C-10			(5'x2'x14'8"D) Wingwall w/ safety end treatment	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
73	02C-06			(6'x9') Concrete vault	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
74	02C-06			(10'x15') Concrete vault	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
75	04C-10			(7'x7'x14'8"D) JB-1 **Note: No details given, please verify.**	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
76	04C-10			(10'x7'D) Curb inlet -1	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
77	04C-11			(10'x6'10"D) Curb inlet -2	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
78	04C-12			(10'x6'3"D) Curb inlet -3	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
79	02C-06			(12") Backflow preventer	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
80	04C-09			(48" Dia.x17'D) Storm manhole -1	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
81	02C02-03			Double cleanout	3	0%	3	EA	$ -	$ -	$ -	$ -	$ -	
82	04C-08			(11'D) Double inlet -5	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
83	04C-09			(12'D) Double inlet -6	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
84	04C-09			(13'3"D) Double inlet -7	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
85	04C-12			Standard cop outfall structure	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
86	04C-11			Standard cop outfall structure w/ energy dissipator	2	0%	2	EA	$ -	$ -	$ -	$ -	$ -	
87	02C02-05			Standard fire hydrant w/ (6" Dia.) Pipe as required **Note: Please verify details.**	8	0%	8	EA	$ -	$ -	$ -	$ -	$ -	
88	04C-11			Structure WS- 1 **Note: No details given, please verify.**	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
89	02C02-03			(11'D) Waste water manhole 1,2	2	0%	2	EA	$ -	$ -	$ -	$ -	$ -	

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90	02C-03			(18'3"D) Waste water manhole 3	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
91	02C-06			(18'6"D) Waste water manhole 4	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
92	02C-06			(10'3"D) Waste water manhole 6	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
93	02C-07			(11'6"D) Waste water manhole 9	1	0%	1	EA	$ -	$ -	$ -	$ -	$ -	
SUB TOTAL									**Total Lab. Cost =**	**$ -**	**Total Mat. Cost =**	**$ -**	**$ -**	**$ -**
INSURANCE									**0%**				**$ -**	**$ -**
OVERHEAD AND PROFIT									**25%**				**$ -**	**$ -**
TOTAL BASE BID													**$ -**	**$ -**

General Notes: The prices used while preparing the estimate were taken from RSMeans online i.e. the standard pricing & the company is not responsible for any kind of variations in the prices. So, it is preferred to review the prices.

Note

1 The drawings are scaled as per the mentioned scales on the plans.

2 The prices used are standard prices, unless otherwise noted.

Exclusions

1 Union Wages

Legend

F.C = Waste or diff. factor
sf = square feet
lf = linear feet
ea = each
cy = cubic yard
sy = square yard
loc = location
ls = lump sum