

MATERIAL TAKEOFF AND COST ESTIMATE

UTILITIES



A & A
ESTIMATING
YOUR TRUSTED BIDDING PARTNER

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SR.	DRAWING	DETAIL	CSI NO	DESCRIPTION	QTY.	WASTE	TOTAL QTY.	UNIT	UNIT PRICE	TOTAL PRICE
			01 00 00	DIVISION 01 - GENERAL REQUIREMENTS						
1				General Requirements	1	0%	1	LS	\$0	\$0
				Subtotal						
			33000	DIVISION 33 - UTILITIES						
				WATER CONVEYANCE						
2	C401			(4") DIP Domestic water pipe	115	5%	120.75	LF	\$0	\$0
3				(6") DIP fire water / domestic water	24	5%	25.2	LF	\$0	\$0
4	C401	6/C505		(4") Water valve	1	0%	1	EA	\$0	\$0
5				(6") Water valve	1	0%	1	EA	\$0	\$0
6	C401			Water meter	1	0%	1	EA	\$0	\$0
7	C401			Flexible coupling	1	0%	1	EA	\$0	\$0
8	C401			Test header for sprinkler booster	1	0%	1	EA	\$0	\$0
9	C401			(4") DIP Domestic water connection	11	0%	11	EA	\$0	\$0
10	C401			(6") CIP fire water connection	1	0%	1	EA	\$0	\$0
				SANITARY CONVEYANCE						
11	C301			(6") DIP Sanitary sewer pipe	30	5%	31.5	LF	\$0	\$0
12	C301			(6") PVC Sanitary pipe	180	5%	189	LF	\$0	\$0
13	C301			Sanitary cleanout	3	0%	3	EA	\$0	\$0
14	C301			(6") Sanitary connection to (12") sanitary	1	0%	1	EA	\$0	\$0
				H-20 Precast Concrete Manhole w/ (30"Dia.) Frame & Cover - Campbell foundry 1012A or approved equal						
15	C401	2/C505		(4'x4'xAvg.5'6"D) Precast concrete manhole	3	0%	3	EA	\$0	\$0
16				(4'x4'xAvg.6'6"D) Precast concrete manhole	4	0%	4	EA	\$0	\$0
17				(4'x4'xAvg.8'D) Precast concrete manhole	2	0%	2	EA	\$0	\$0
				STORM CONVEYANCE						
18				(1-1/2") CIP storm drain pipe	4	5%	4.2	LF	\$0	\$0
19				(2") DIP Roof leader pipe	22	5%	23.1	LF	\$0	\$0
20				(6") DIP Storm drain pipe	102	5%	107.1	LF	\$0	\$0
21	C301			(8") DIP Storm drain pipe	32	5%	33.6	LF	\$0	\$0
22				(12") DIP Storm drain pipe	54	5%	56.7	LF	\$0	\$0
23				(15") DIP Storm drain pipe	134	5%	140.7	LF	\$0	\$0
24				(18") DIP Storm drain pipe	4	5%	4.2	LF	\$0	\$0
25	C401			(6") Storm drain connection to (12") storm drain	1	0%	1	EA	\$0	\$0
26	C101	8/C501		Drainage Swale: - (12"Thk.) Rip rap - 6" D50 Stone - Compact subgrade	1805	5%	1895.25	SF	\$0	\$0
				H-20 Precast Concrete Catch Basin w/ Frame & Grate - Campbell foundry 2815 or approved equal						
27	C401	3/C505		(2'x2'x4'2"D) Precast concrete catch basin	3	0%	3	EA	\$0	\$0
28				(2'x2'x6'5"D) Precast concrete catch basin	1	0%	1	EA	\$0	\$0
29				(2'x2'x3'10"D) Precast concrete catch basin	1	0%	1	EA	\$0	\$0
				H-20 Precast Concrete Manhole w/ (30"Dia.) Frame & Cover - Campbell foundry 1012A or approved equal						
30				(4'x4'x7'7"D) Precast concrete manhole w/ (6") check valve	1	0%	1	EA	\$0	\$0
31	C401	2/C505		(4'x4'x7'5"D) Precast concrete outlet control structure	1	0%	1	EA	\$0	\$0
32				(7'x15'xx4'D) Precast concrete detention tank Manuf: Oldcastle Precast Inc., or approved equal	18	0%	18	EA	\$0	\$0
33				(30"Dia.) Heavy duty manhole cover w/ frame - Campbell foundry 1012A or approved equal	3	0%	3	EA	\$0	\$0
34	C401	4/C505		(12"x12") Cast iron area drain Manuf: J.R. Smith or approved equal	3	0%	3	EA	\$0	\$0
35	BPP201-BPP-203			Adjust manhole's cover and frame to new grade	11	0%	11	EA	\$0	\$0
36				Adjust catch basin's grate and frame to new grade	4	0%	4	EA	\$0	\$0
37				Adjust (5'x8') concrete vault's grate and frame to new grade	1	0%	1	EA	\$0	\$0

			GAS							
38	C401		(2") Gas line	360	5%	378	LF	\$0	\$0	
39	C401		Gas valve	4	0%	4	EA	\$0	\$0	
40	C401		Gas meter	1	0%	1	EA	\$0	\$0	
			Subtotal							
			TOTAL BASE BID							
Exclusions:				Abbreviations:						
1: N/A				w/ <> with ; o.c <> on center ; incl. <> including ; Reinf. <> Reinforced						