

COMET ESTIMATING

ESTIMATION & TAKEOFF COMPANY

UTILITIES ESTIMATE

Summary of Costs & Material Take-Off

SCOPE OF WORK	BUILDING AREA	COST PER SF	SUGGESTED BASE BID
Utilities	2,500 GSF	$71.54	$178,850.30

Project Summary

Division-wise cost breakdown and suggested base bid

PROJECT ID	—	ADDRESS	—	NO. OF FLOORS	2	BUILDING GSF	2,500 SF

DIVISION NO.	DESCRIPTION		TOTAL DIVISION COST	TOTAL DIVISION COST (PER SF)	TAKE-OFF PAGE
1000	General Requirements		$14,781.08	$5.91	p. 3
33000	Utilities		$124,945.72	$49.98	p. 3
PROJECTED COST			**$139,726.80**	**$55.89**	
Overhead and Profit		20%	$27,945.36	$11.18	
Insurance		3%	$4,191.80	$1.68	
Contingency		5%	$6,986.34	$2.79	
SUGGESTED BASE BID			**$178,850.30**	**$71.54**	

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Material Take-Off

Detailed quantities, labor, material and equipment costs by division

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
01. GENERAL REQUIREMENTS														
1	Supervision and Coordination	1.00	LS	0%	1.00	37.12	$84.16	37.12	$3,123.64	–	–	–	–	**$3,123.64**
2	Submittals and Shop drawings	1.00	LS	0%	1.00	24.50	$84.16	24.50	$2,061.60	–	–	–	–	**$2,061.60**
3	Final Cleaning	1.00	LS	0%	1.00	12.62	$84.16	12.62	$1,062.04	–	–	–	–	**$1,062.04**
4	Mobilization Costs	1.00	LS	0%	1.00	34.89	$84.16	34.89	$2,936.22	–	–	–	–	**$2,936.22**
5	Bond @ 2%	1.00	LS	0%	1.00	29.69	$84.16	29.69	$2,498.91	–	–	–	–	**$2,498.91**
6	Temporary Control & Facilities	1.00	LS	0%	1.00	14.55	$84.16	14.55	$1,224.47	–	–	–	–	**$1,224.47**
7	Scaffolding	1.00	LS	0%	1.00	22.27	$84.16	22.27	$1,874.19	–	–	–	–	**$1,874.19**
													SUBTOTAL	**$14,781.08**
33. UTILITIES														
Manhole / Inlet Grate														
8	Fire Hydrant	1.00	EA	0%	1.00	43.01	$77.19	43.01	$3,320.13	$15,455.11	$15,455.11	–	–	**$18,775.24**
9	18" ADS In-Line Drain	1.00	EA	0%	1.00	8.227	$77.19	8.23	$635.03	$813.08	$813.08	–	–	**$1,448.11**
10	Type C Inlet	1.00	EA	0%	1.00	36.66	$77.19	36.66	$2,829.64	$3,257.77	$3,257.77	–	–	**$6,087.41**
11	M-4 Manhole (4' Dia)	1.00	EA	0%	1.00	54.26	$77.19	54.26	$4,188.24	$5,266.45	$5,266.45	–	–	**$9,454.69**
12	Sanitary Manhole	2.00	EA	0%	2.00	54.26	$77.19	108.52	$8,376.48	$5,266.45	$10,532.90	–	–	**$18,909.38**
Conduits														
13	4" PVC Electrical Conduit	123.34	LF	10%	135.67	0.2128	$77.19	28.86	$2,228.06	$11.03	$1,495.94	–	–	**$3,724.00**
14	4" PVC Telecom Conduit	130.83	LF	10%	143.91	0.2128	$77.19	30.62	$2,363.36	$11.03	$1,586.78	–	–	**$3,950.15**
Storm Pipes														
15	6" PVC Roof Drain	63.69	LF	10%	70.06	0.2786	$77.19	19.52	$1,506.68	$18.48	$1,294.80	–	–	**$2,801.48**
16	Excavation	10.67	CY	10%	11.73	0.5992	$77.19	7.03	$542.67	–	–	–	–	**$542.67**
17	Backfill	10.20	CY	10%	11.22	0.4314	$77.19	4.84	$373.63	–	–	–	–	**$373.63**
18	15" HDPE Pipe	82.15	LF	10%	90.37	0.6965	$77.19	62.94	$4,858.45	$33.04	$2,985.75	–	–	**$7,844.20**

SR #	DESCRIPTION	QUANTITY				LABOR				MATERIAL		EQUIPMENT		TOTAL
		QTY	UNIT	WASTE	QTY W/ WASTE	LABOR HRS / UNIT	WAGE / HR	TOTAL LABOR HRS	TOTAL LABOR COST	MATL. RATE	TOTAL MATL. COST	EQUIP. RATE	TOTAL EQUIP. COST	SUB COST
19	Excavation	45.56	CY	10%	50.11	0.5992	$77.19	30.03	$2,317.64	–	–	–	–	**$2,317.64**
20	Backfill	41.83	CY	10%	46.01	0.4314	$77.19	19.85	$1,532.23	–	–	–	–	**$1,532.23**
Sanitary Pipes														
21	8" PVC San Main Line	57.27	LF	10%	63.00	0.3715	$77.19	23.40	$1,806.41	$30.19	$1,902.01	–	–	**$3,708.42**
22	Excavation	12.67	CY	10%	13.93	0.5992	$77.19	8.35	$644.42	–	–	–	–	**$644.42**
23	Backfill	12.62	CY	10%	13.88	0.4314	$77.19	5.99	$462.12	–	–	–	–	**$462.12**
24	8" PVC Pipe	4.02	LF	10%	4.42	0.3715	$77.19	1.64	$126.80	$24.94	$110.28	–	–	**$237.07**
25	Excavation	0.89	CY	10%	0.98	0.5992	$77.19	0.59	$45.22	–	–	–	–	**$45.22**
26	Backfill	0.84	CY	10%	0.92	0.4314	$77.19	0.40	$30.70	–	–	–	–	**$30.70**
27	6" PVC C-900 San. Lateral	123.51	LF	10%	135.86	0.2786	$77.19	37.85	$2,921.81	$19.94	$2,709.48	–	–	**$5,631.29**
28	Excavation	20.67	CY	10%	22.73	0.5992	$77.19	13.62	$1,051.42	–	–	–	–	**$1,051.42**
29	Backfill	19.77	CY	10%	21.74	0.4314	$77.19	9.38	$724.01	–	–	–	–	**$724.01**
Fittings														
30	6" San Sewer Connection	2.00	EA	0%	2.00	6.352	$77.19	12.70	$980.55	$423.96	$847.92	–	–	**$1,828.47**
31	4" PVC Telecom Connection	2.00	EA	0%	2.00	5.724	$77.19	11.45	$883.60	$345.96	$691.93	–	–	**$1,575.53**
32	15" x6" Tee	1.00	EA	0%	1.00	15.69	$77.19	15.69	$1,211.19	$1,686.29	$1,686.29	–	–	**$2,897.48**
33	6" PVC Roof Drain Connection	2.00	EA	0%	2.00	5.305	$77.19	10.61	$818.97	$332.20	$664.40	–	–	**$1,483.37**
Exfiltration Trench														
34	Exfiltration Trench	58.21	LF	10%	64.03	0.6993	$77.19	44.78	$3,456.33	$30.51	$1,953.36	–	–	**$5,409.69**
35	Excavation	98.87	CY	10%	108.76	0.5992	$77.19	65.16	$5,029.94	–	–	–	–	**$5,029.94**
36	Backfill	95.14	CY	10%	104.66	0.4314	$77.19	45.15	$3,485.09	–	–	–	–	**$3,485.09**
Catch Basin / Cleanout														
37	Catch Basin	2.00	EA	0%	2.00	22.79	$77.19	45.58	$3,518.46	$1,916.75	$3,833.50	–	–	**$7,351.96**
38	6" PVC Clean Out	5.00	EA	0%	5.00	7.983	$77.19	39.92	$3,081.09	$501.53	$2,507.63	–	–	**$5,588.71**
													SUBTOTAL	**$124,945.72**

NOTES

General Notes: The prices used while preparing the estimate were taken from RSMeans online, i.e. the standard pricing. It is therefore preferred to review the prices.

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

LEGEND

LBS = Pound
SF = Square Feet
LF = Linear Feet
EA = Each
CY = Cubic Yard
SY = Square Yard
LOC = Location
LS = Lump Sum

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