

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT



PROJECT NAME: BAKERY

LOCATION:

Sr #	REFERENCE	DESCRIPTION	QUANTITY	WASTE	TOTAL QTY	UNIT	COST/UNIT	MATERIAL TOTAL	UNIT HOURS	TOTAL MANHOURS	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
01. GENERAL CONDITIONS															\$14,050
INDIRECT PROJECT COSTS															
1		General Liability Insurance	1.0	0%	1.0	Mo	\$4,500.00	\$ 4,500	0.000	0.00	\$ -	\$ -	\$ 4,500		
2		General Conditions (Backoffice Overhead)	1.0	0%	1.0	Mo	\$3,500.00	\$ 3,500	0.000	0.00	\$ -	\$ -	\$ 3,500		
DIRECT PROJECT COSTS															
3		Bonding Fee (If required)	1.2	0%	1.2	%	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
4		Access Control (Pipe Scaffolding or Boom/Scissor Lifts)	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
5		Equipment Rental	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
6		Travel, Tools, Gas	1.0	0%	1.0	Mo	\$ 50.00	\$ 50	0.000	0.00	\$ -	\$ -	\$ 50		
7		Field Office	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
8		Temp. Facilities	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
9		Temp. Signage and Protection	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
10		Temp. Fencing	0.0	0%	0.0	Mo	\$ -	\$ -	0.000	0.00	\$ -	\$ -	\$ -		
11		Field Superintendent/Foreman (Full Time)	1.0	0%	1.0	Mo	\$3,500.00	\$ 3,500	0.000	0.00	\$ -	\$ -	\$ 3,500		
12		Project Manager (Part Time)	1.0	0%	1.0	Mo	\$2,500.00	\$ 2,500	0.000	0.00	\$ -	\$ -	\$ 2,500		
22. PLUMBING															\$26,582
PIPING															
TYPE I COPPER W/1" THICK FIBRE GLASS INSULATION															
13		1" Dia Cold Water Pipe	5.5	5%	5.7	LF	\$ 11.00	\$ 63	0.185	1.06	\$ 65.00	\$ 69	\$ 132		
14		1/2" Dia Cold Water Pipe	90.4	5%	94.9	LF	\$ 5.52	\$ 524	0.100	9.49	\$ 65.00	\$ 617	\$ 1,141		
15		3/4" Dia Cold Water Pipe	25.8	5%	27.1	LF	\$ 9.52	\$ 258	0.164	4.44	\$ 65.00	\$ 289	\$ 547		
16		1/2" Dia Hot Water Pipe	61.0	5%	64.1	LF	\$ 5.52	\$ 354	0.100	6.41	\$ 65.00	\$ 417	\$ 770		
17		3/4" Dia Hot Water Pipe	11.4	5%	12.0	LF	\$ 9.52	\$ 114	0.164	1.97	\$ 65.00	\$ 128	\$ 242		
PVC SCH 40															
18		2" Dia Sanitary Pipe	27.6	5%	29.0	LF	\$ 16.00	\$ 463	0.250	7.24	\$ 65.00	\$ 471	\$ 934		
19		4" Dia Sanitary Pipe	60.7	5%	63.7	LF	\$ 40.00	\$ 2,550	0.450	28.69	\$ 65.00	\$ 1,865	\$ 4,414		
20		1-1/2" Dia Vent Pipe	25.3	5%	26.6	LF	\$ 11.00	\$ 292	0.185	4.91	\$ 65.00	\$ 319	\$ 611		
21		2" Dia Vent Pipe	10.2	5%	10.7	LF	\$ 16.00	\$ 172	0.250	2.69	\$ 65.00	\$ 175	\$ 346		
PLUMBING FIXTURES & DEVICES															
22		4" Dia Floor Drain	4.0	0%	4.0	EA	\$ 440.00	\$ 1,760	2.000	8.00	\$ 65.00	\$ 520	\$ 2,280		
23		2" Dia Floor Drain	3.0	0%	3.0	EA	\$ 285.00	\$ 855	1.250	3.75	\$ 65.00	\$ 244	\$ 1,099		
24		Trap Primer	7.0	0%	7.0	EA	\$ 142.00	\$ 994	1.000	7.00	\$ 65.00	\$ 455	\$ 1,449		
25		1/2" Dia Automatic Shut-off Valve	2.0	0%	2.0	EA	\$ 85.00	\$ 170	1.000	2.00	\$ 65.00	\$ 130	\$ 300		
26		1/2" Dia Dual Check Valve Backflow Preventer, Conform w/CSA B64.10 Standard	1.0	0%	1.0	EA	\$ 180.00	\$ 180	1.500	1.50	\$ 65.00	\$ 98	\$ 278		
27	M2.1, M2.2	4" Dia Cleanout	2.0	0%	2.0	EA	\$ 395.00	\$ 790	1.750	3.50	\$ 65.00	\$ 228	\$ 1,018		
PLUMBING EQUIPMENTS															
28		GH-1, Grease Interceptor, Zum, #Z1170-700, 35 GPM, 70 Gal	1.0	0%	1.0	EA	\$1,750.00	\$ 1,750	6.000	6.00	\$ 65.00	\$ 390	\$ 2,140		
29		HWT-1, Hot Water Tank, Renna, #CU1991, 199 MBH, 120V, 1 PH, 60 Hz	1.0	0%	1.0	EA	\$2,950.00	\$ 2,950	12.000	12.00	\$ 65.00	\$ 780	\$ 3,730		
FITTINGS															
30		1/2" Dia Cold Water Pipe 90 Deg Elbow	4.0	0%	4.0	EA	\$ 32.00	\$ 128	0.700	2.80	\$ 65.00	\$ 182	\$ 310		
31		3/4" Dia Cold Water Pipe 90 Deg Elbow	1.0	0%	1.0	EA	\$ 40.00	\$ 40	0.700	0.70	\$ 65.00	\$ 46	\$ 86		
32		1" / 1/2" Dia Cold Water Pipe Reducer	1.0	0%	1.0	EA	\$ 45.00	\$ 45	0.700	0.70	\$ 65.00	\$ 46	\$ 91		
33		3/4" / 1/2" Dia Cold Water Pipe Reducer	3.0	0%	3.0	EA	\$ 40.00	\$ 120	0.700	2.10	\$ 65.00	\$ 137	\$ 257		
34		1" / 1/2" Dia Cold Water Pipe Tee	2.0	0%	2.0	EA	\$ 48.00	\$ 96	0.800	1.60	\$ 65.00	\$ 104	\$ 200		
35		1/2" Dia Cold Water Pipe Tee	2.0	0%	2.0	EA	\$ 36.00	\$ 72	0.700	1.40	\$ 65.00	\$ 91	\$ 163		
36		3/4" / 1/2" Dia Cold Water Pipe Tee	4.0	0%	4.0	EA	\$ 42.00	\$ 168	0.700	2.80	\$ 65.00	\$ 182	\$ 350		
37		1/2" Dia Hot Water Pipe 90 Deg Elbow	5.0	0%	5.0	EA	\$ 32.00	\$ 160	0.700	3.50	\$ 65.00	\$ 228	\$ 388		
38		3/4" / 1/2" Dia Hot Water Pipe Reducer	2.0	0%	2.0	EA	\$ 40.00	\$ 80	0.700	1.40	\$ 65.00	\$ 91	\$ 171		
39		1/2" Dia Hot Water Pipe Tee	2.0	0%	2.0	EA	\$ 36.00	\$ 72	0.700	1.40	\$ 65.00	\$ 91	\$ 163		
40		3/4" / 1/2" Dia Hot Water Pipe Tee	2.0	0%	2.0	EA	\$ 42.00	\$ 84	0.700	1.40	\$ 65.00	\$ 91	\$ 175		
41		4" Dia Sanitary Pipe 45 Deg Elbow	2.0	0%	2.0	EA	\$ 142.00	\$ 284	1.200	2.40	\$ 65.00	\$ 156	\$ 440		
42		4" / 2" Dia Sanitary Pipe Reducer	1.0	0%	1.0	EA	\$ 122.00	\$ 122	1.000	1.00	\$ 65.00	\$ 65	\$ 187		
43		4" / 2" Dia Sanitary Pipe Wye	1.0	0%	1.0	EA	\$ 122.00	\$ 122	1.000	1.00	\$ 65.00	\$ 65	\$ 187		
44		4" Dia Sanitary Pipe Wye	3.0	0%	3.0	EA	\$ 150.00	\$ 450	1.400	4.20	\$ 65.00	\$ 273	\$ 723		
PIPING SUPPORTS															
45		1/2" Dia Clevis Hanger	25.0	0%	25.0	EA	\$ 2.52	\$ 63	0.110	2.75	\$ 65.00	\$ 179	\$ 242		
46		3/4" Dia Clevis Hanger	6.0	0%	6.0	EA	\$ 3.65	\$ 22	0.118	0.71	\$ 65.00	\$ 46	\$ 68		
47		1" Dia Clevis Hanger	1.0	0%	1.0	EA	\$ 5.65	\$ 6	0.125	0.13	\$ 65.00	\$ 8	\$ 14		
48		1-1/2" Dia Clevis Hanger	4.0	0%	4.0	EA	\$ 7.75	\$ 31	0.132	0.53	\$ 65.00	\$ 34	\$ 65		
49		2" Dia Clevis Hanger	4.0	0%	4.0	EA	\$ 10.00	\$ 40	0.138	0.55	\$ 65.00	\$ 36	\$ 76		
50		4" Dia Clevis Hanger	6.0	0%	6.0	EA	\$ 14.00	\$ 84	0.142	0.85	\$ 65.00	\$ 55	\$ 139		
51		3/8" Dia Threaded Rods	36.0	0%	36.0	EA	\$ 5.52	\$ 199	0.120	4.32	\$ 65.00	\$ 281	\$ 480		
52		5/8" Dia Threaded Rods	10.0	0%	10.0	EA	\$ 9.62	\$ 95	0.128	1.28	\$ 65.00	\$ 83	\$ 178		
SUBTOTAL													\$40,632		
NOTES FOR CLIENTS															
THIS EXCEL STATEMENT IS EDITABLE AND CAN BE MODIFIED AS NEEDED.															
PRICES ARE TAKEN VIA RS MEAN DATABASE 2024															
GENERAL CONDITIONS															
PROFIT													15%	\$ 6,094.73	
INSURANCE													1%	\$ 406.32	
CONTINGENCY													1%	\$ 406.32	
NET TOTAL														\$ 47,539	

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

PROJECT NAME:	0	TOTAL AREA(SF) 1300	Area May Vary
LOCATION:			

Sr #	REFERENCE	DESCRIPTION	TOTAL COST	\$COST/SF
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DIVISION WISE SUMMARY				\$40,632
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		CSI DIVISIONS		
		01-General Conditions	\$ 14,050	\$ 10.81
		02-Demolition Of Existing Items	\$ -	\$ -
		03-Concrete	\$ -	\$ -
		04-Masonry	\$ -	\$ -
		05-Metals	\$ -	\$ -
		06-Wood, Plastics & Composites	\$ -	\$ -
		07-Thermal & Moisture Protection	\$ -	\$ -
		08-Openings	\$ -	\$ -
		09-Finishes	\$ -	\$ -
		10-Specialites	\$ -	\$ -
		11-Equipment	\$ -	\$ -
		12-Furnishings	\$ -	\$ -
		13-Special Construction	\$ -	\$ -
		14-Conveying Equipment	\$ -	\$ -
		21-Fire Protection	\$ -	\$ -
		22-Plumbing	\$ 26,582	\$ 20.45
		23-Heating, Ventilations & Air Conditioning (HVAC)	\$ -	\$ -
		26-Electrical	\$ -	\$ -
		27-Communications	\$ -	\$ -
		28-Electronic Safety & security	\$ -	\$ -
		31-Earthwork	\$ -	\$ -
		32-Exterior Improvements	\$ -	\$ -
		33-Utilities	\$ -	\$ -

SUB TOTAL			\$ 40,632
PROFIT	15%		\$ 6,095
INSURANCE	1%		\$ 406
CONTINGENCY	1%		\$ 406
NET TOTAL			\$ 47,539