

Level 5 Estimating

5 Levels - 10 Steps

		Level 1	Level 2	Level 3	Level 4	Level 5
Line	Steps	Order of Magnitude	Conceptual	Preliminary	Detailed	Bid / Construction / Trial
1	Format	Summary Sheet Only	Add capital letters (or numbers if L1 are letters) with 2 to 15 items under each of the main categories	Conform with the WBS rules: Main Category, then capital letters or numbers, then alternate with each new level.	See PFCS Samples for deeper and deeper levels. Conform to rules of WBS.	Final Pass for clarity and ease of making references and following all of the component parts.
2	Scope	A Level 1 Work Breakdown Structure (WBS): 1 paragraph to 1 page. There are only basic quantities (no real QTO) in approximate figures	Add details with 2-10 categories each with letters and CSI codes. Basic QTO on main items (SF, FA, LF, etc.) Usually not calculated units like Cubic Yards (CY)	Level 3 WBS with letters, numbers, and CSI codes. More detailed QTO.	Complete, detailed QTO.	Final Pass. Check QTO on key items.
3	Time/Labor	Little or no breakdown of labor / time in this step	Rough Estimate, Typical crews, Round numbers, slightly over estimating. No calls	Productivity rates, Use Walker's book on big #'s	Use Walker's Labor Rates	Final Pass
4	Material	A guesstimate. Little QTO, Quantities only - not cost of materials. Assembly level estimates at the most	QTO, Rough Estimate, Slightly over estimating. Books only for big #'s, NO calls unless faster than book	Calls, Books, Maybe Alternatives	Calls, Bids, Alternatives refined	Final Pass
5	Equipment	WAG. Often none	Rough Estimate. No Calls	Calls, Books	Calls, Books, Bids	Final Pass
6	Subs	Unit prices, WAG, Use books only on BIG #'s	Books, NO calls	Some Calls	Lots of Calls, Maybe send info, Maybe Bids	Final Pass
7	GC's	% of Direct Cost	Reconsider % or Amount	Reconsider % or Amount	Broken Down	Same as L4
8	OH	% of Direct Cost	Reconsider % or Amount	Reconsider % or Amount	Possibly Broken Down	Same as L4
9	Profit	% of Direct Cost	Reconsider % or Amount	Reconsider % or Amount	Reconsider % or Amount	Reconsider % or Amount
10	Non-Construction	WAG	SWAG	More Support	More Support	Calls/Bids
11	Time:	1-4 Hours	2-24 Hours	16-100 Hours	50-200 Hours	100+ Hours

Pete Fowler Construction Services, Inc.

Project Number: 07-331

Project Name: Thompson Gardens

Address: 45 SW 32nd Ave.

Somewhere, OR

Description: Replace siding at front elevation, replace trim at others, paint all exterior, and repair interior finishes

Date: 4/9/2008

Estimator: Pete Fowler/Rich Kunze

Construction Cost Estimate Contents

- 1 Estimate Summary
- 2 Estimate Details by Issue
- 3 Labor Rates
- 4 Bids

Thompson Gardens

Estimate Summary

#	Issue	Description	Notes	Qty.	Unit	Direct Cost Unit	Direct Cost Total	Project Cost Total
1	01 74	Cleaning		1	ls	4,397.18	\$ 4,397.18	\$ 6,849.17
2	02 40	Demolition		6,000	sf	4.37	\$ 26,223.30	\$ 40,846.15
3	02 80	Facility Remediation & Abatement		1	ls	5,000.00	\$ 5,000.00	\$ 7,788.14
4	04 00	Masonry		400	sf	38.87	\$ 15,547.60	\$ 24,217.39
5	06 10	Rough Carpentry		6,000	sf	11.59	\$ 69,554.15	\$ 108,339.53
6	06 20	Finish Carpentry		180	lf	11.87	\$ 2,136.00	\$ 3,327.09
7	07 20	Thermal Protection (& Insulation)		750	sf	1.24	\$ 931.68	\$ 1,451.21
8	07 46	Siding		6,000	sf	14.19	\$ 85,168.08	\$ 132,660.23
9	07 61	Flashing & Sheet Metal	Incl in 07 46					
10	07 71	Roof Gutters	Maintenance					
11	07 92	Joint Sealants	Incl in 07 46					
12	08 50	Windows	Incl in 06 10					
13	09 25	Gypsum Board (Incl. Interior Plaster)		2,000	sf	3.96	\$ 7,921.20	\$ 12,338.29
14	09 60	Flooring		1,000	sf	5.82	\$ 5,817.20	\$ 9,061.04
15	09 90	Painting and Coating		17,000	sf	1.90	\$ 32,300.00	\$ 50,311.40
16	13 11	Swimming Pools	No work					
17	23 00	Heating, Ventilating, and Air-Conditioning		1	ls	1,000.00	\$ 1,000.00	\$ 1,557.63
18	32 90	Planting (Landscape and Irrigation)		1	ls	4,464.30	\$ 4,464.30	\$ 6,953.72
19	50 15	Architectural / Design	See below					
20								
21								
22		Direct Cost Total					\$ 260,460.68	\$ 405,700.99
23								
24		General Conditions		8%			\$ 20,836.85	
25		Subtotal					\$ 281,297.53	
26								
27		Contractor's Overhead		8%			\$ 22,503.80	
28		Contractor's Profit		10%			\$ 28,129.75	
29		Insurance & Bond		2%			\$ 5,625.95	
30								
31		Subtotal					\$ 337,557.04	
32		Contingency on Construction Costs		5%			\$ 16,877.85	
33		Total Estimated Construction Costs					\$ 354,434.89	
34								
35		Other Project Costs:						
36		Construction Management		5%			\$ 17,721.74	
37		Architectural / Drafting / Design		1	ls		\$ 20,000.00	
38		Engineering Design						
39		Testing & Inspection (Environmental)		1	ls		\$ 10,000.00	
40		Permits & Fees		1%			\$ 3,544.35	
41		Relocation	None					
42								
43		Subtotal of Other Project Costs					\$ 51,266.09	
44		Contingency on Other Project Costs		0%			\$ -	
45		Total of Other Project Costs					\$ 51,266.09	
46								
47		Total Estimated Project Cost					\$ 405,700.99	\$ 405,700.99

Thompson Gardens

Estimate Details

Line	Issue	Item	Description	Notes / Ref.	Qty	Unit	Crew	Hrs	Labor	Material	Other	Subc.	Labor	Material	Other	Subc.	Total Cost	Total Item
1	01 74		Cleaning										-	-	-	-	\$0.00	\$4,397.18
2		A	Provide dumpster for the duration of repairs	\$ by TSS (\$.09/lb)	6	ea					600.00		-	-	3,600	-	\$3,600.00	
3		B	Clean site daily of all debris	1 hr per day	1	ls	D1	30	797.18				797	-	-	-	\$797.18	
4													-	-	-	-	\$0.00	
5	02 40		Demolition										-	-	-	-	\$0.00	\$26,223.30
6		A	Front Elevation ONLY										-	-	-	-	\$0.00	
7		1	Remove all Hardi siding product (lap & shingle)	O=Equip	6,000	sf	D4	80	0.99		0.10		5,952	-	600	-	\$6,552.40	
8		2	Remove all WRB, including all fasteners (nails & staples)	included in A.1 above									-	-	-	-	\$0.00	
9		3	Remove all stone veneer except at Pool Room	O=Equip	400	sf	D4	24	4.46		1.00		1,786	-	400	-	\$2,185.72	
10		4	Remove all damaged GWB sheathing		1,500	sf	D4	24	1.19				1,786	-	-	-	\$1,785.72	
11		5	Remove all damaged OSB sheathing		750	sf	D4	24	2.38				1,786	-	-	-	\$1,785.72	
12		6	Evaluate framing under damaged OSB and remove as necessary		500	sf	D4	24	3.57				1,786	-	-	-	\$1,785.72	
13		7	Remove water damaged insulation		750	sf	D4	8	0.79				595	-	-	-	\$595.24	
14		8	Remove Ply-trim		2,500	lf	D4	24	0.71				1,786	-	-	-	\$1,785.72	
15		9	Remove all windows (this elevation only)		51	ea	D4	51	74.41				3,795	-	-	-	\$3,794.66	
16		B	Other Areas										-	-	-	-	\$0.00	
17		1	Remove damaged window sills at interior		150	lf	D4	8	3.97				595	-	-	-	\$595.24	
18		2	Remove damaged flooring as necessary		1,000	sf	D4	24	1.79				1,786	-	-	-	\$1,785.72	
19		3	Remove all Ply-trim (assume 11lf of trim per 1lf of ext. wall surface, not incl windows)	incl. in A.1 above	4,000	lf	D4	40	0.74				2,976	-	-	-	\$2,976.20	
20		4	Upon removal of Ply-trim, visually evaluate window condition and replace as necessary		10	ea	D4	8	59.52				595	-	-	-	\$595.24	
21													-	-	-	-	\$0.00	
22	02 80		Facility Remediation & Abatement										-	-	-	-	\$0.00	\$5,000.00
23		A	Remove materials damaged by mold by standard remediation practices		1	ls					5,000.00		-	-	5,000	-	\$5,000.00	
24													-	-	-	-	\$0.00	
25	04 00		Masonry										-	-	-	-	\$0.00	\$15,547.60
26		A	Replace all stone veneer at front elevation		400	sf	C3	80	33.07	5.80			13,228	2,320	-	-	\$15,547.60	
27													-	-	-	-	\$0.00	
28	06 10		Rough Carpentry										-	-	-	-	\$0.00	\$69,554.15
29		A	Front Elevation										-	-	-	-	\$0.00	
30		1	Replace damaged framing at front elevation		500	sf	RC4	48	9.92	0.61			4,961	305	-	-	\$5,265.80	
31		2	Replace damaged OSB		750	sf	RC4	24	3.31	0.18			2,483	135	-	-	\$2,617.50	
32		3	Replace damaged GWB		1,500	sf	RC4	48	3.31	0.25			4,961	375	-	-	\$5,335.80	
33		4	Provide protection of access at front entry (walls and ceiling at front doors)		1	ls	RC4	16	1,653.60	500.00			1,654	500	-	-	\$2,153.60	
34		5	Maintain protection at front entry	2 hrs per week	1	ls	RC1	24	2,480.40	50.00			2,480	50	-	-	\$2,530.40	
35		6	Replace all windows (LC-35, 118 mph) (see option A)	Wdo \$ from Edelen	51	ea	RC4	51	103.35	250.00			5,271	12,750	-	-	\$18,020.85	
36		7	Install 6" strip of Vycor + Flashing at all nailing flanges in weatherboard fashion	labor incl. in #6 above	1,275	lf	RC4	102	8.27	0.32			10,542	408	-	-	\$10,949.70	
37													-	-	-	-	\$0.00	
38			Window option A - Class C-60, 155 mph \$574 ea. In casement style only, would add \$20K in Direct Cost										-	-	-	-	\$0.00	
39													-	-	-	-	\$0.00	
40		B	Other Areas										-	-	-	-	\$0.00	
41		1	Replace damaged windows (LC-35, 118 mph) (see option A)	Wdo \$ from Edelen	10	ea	RC4	10	103.35	250.00			1,034	2,500	-	-	\$3,533.50	
42		2	Install 6" strip of Vycor + Flashing at all nailing flanges in weatherboard fashion	labor incl. in #1 above	250	lf	RC4	20	8.27	0.32			2,067	80	-	-	\$2,147.00	
43		C	Entire Building										-	-	-	-	\$0.00	
44		1	Install scaffolding at the entire building perimeter.	SWAG - \$1 p/sf	17,000	sf					1.00		-	-	17,000	-	\$17,000.00	
45													-	-	-	-	\$0.00	
46	06 20		Finish Carpentry										-	-	-	-	\$0.00	\$2,136.00
47		A	Replace damaged window sills with product selected by architect (see 50 15 B)	30/6"	180	lf	FC4	16	9.19	2.68			1,654	482	-	-	\$2,136.00	
48													-	-	-	-	\$0.00	
49	07 20		Thermal Protection (& Insulation)										-	-	-	-	\$0.00	\$931.68
50		A	Replace damaged insulation		750	sf	RC1	16	0.60	0.64			452	480	-	-	\$931.68	
51													-	-	-	-	\$0.00	
52	07 46		Siding										-	-	-	-	\$0.00	\$85,168.08
53		A	Front Elevation										-	-	-	-	\$0.00	
54		1	Install rain screen siding system (see 5E Rain Screen Installation Procedure)										-	-	-	-	\$0.00	
55		2	Install 3' wide layer of Ice & Water Shield at bottom of wall	mat \$ by White Cap	225	lf	RC4	12	5.51	1.99			1,240	448	-	-	\$1,687.95	
56		3	Install layer of Super Jumbo-Tex WRB type D (Jumbo-Tex 60)	mat \$ by White Cap	6000	sf	RC4	24	0.41	0.05			2,480	300	-	-	\$2,780.40	

Thompson Gardens

Estimate Details

Line	Issue	Item	Description	Notes / Ref.	Qty	Unit	Crew	Hrs	Unit Cost				Direct Cost				Total	Total
									Labor	Material	Other	Subc.	Labor	Material	Other	Subc.	Cost	Item
57		4	Install new 2x6 cedar trim at windows, doors, penetrations and corners at front elevation	1700-W, 60-D, 360-OSC	2120	lf	RC4	48	2.34	1.60			4,961	3,392	-	-	\$8,352.80	
58		5	Install new 2x2 cedar trim at inside corners		120	lf	RC4	12	10.34	0.75			1,240	90	-	-	\$1,330.20	
59		6	Install 2x4 PT blocking for fascia at top of wall		225	lf	RC4	12	5.51	0.87			1,240	196	-	-	\$1,435.95	
60		7	Install Cor-A-Vent SV-3 at wall bottom and top	mat \$ by ABC	450	lf	RC4	12	2.76	0.58			1,240	261	-	-	\$1,501.20	
61		8	Install 1/2" PT battens (2" wide) every 16" o.c. (on studs) from bottom of wall to soffit		5200	lf	RC4	48	0.95	0.21			4,961	1,092	-	-	\$6,052.80	
62		9	Install 1/2" PT battens (2" wide) adjacent to all trim boards for siding attachment		2120	lf	RC4	48	2.34	0.21			4,961	445	-	-	\$5,406.00	
63		10	Install 1x6 cedar fascia at soffit for venting		225	lf	RC4	12	5.51	1.90			1,240	428	-	-	\$1,667.70	
64		11	Install 3" wide strips of 15# felt over furring strips before nailing clapboards		586	sf	RC4	8	1.41	0.03			827	18	-	-	\$844.38	
65		12	Coordinate with flashing , install SS head flashing at doors and windows	*	1,000	lf	RC4	24	2.48	1.90			2,480	1,900	-	-	\$4,380.40	
66		13	Install HardiPlank Lap siding		6000	sf	RC4	80	1.38	0.92			8,268	5,520	-	-	\$13,788.00	
67		14	Install 5/8" backer rod in joint gap between window frame and trim	mat \$ by White Cap	1,530	lf	RC4	16	1.08	0.09			1,654	138	-	-	\$1,791.30	
68		15	Install sealant at joint gap over backer rod	mat \$ by White Cap	1,530	lf	RC4	24	1.62	0.80			2,480	1,224	-	-	\$3,704.40	
69		16	Stainless Steel Fasteners allowance	mat \$ Stainless Fasteners	1	ls				1,200.00			-	1,200	-	-	\$1,200.00	
70		B	Other Areas					32					-	-	-	-	\$0.00	
71		1	Replace all Ply-trim at all elevations with 5/4x6 Cedar, integrate new WRB with old		4,000	lf	RC4	80	2.07	1.80			8,268	7,200	-	-	\$15,468.00	
72		2	Replace all window and door trim with 5/4 x 6 cedar, allow 1/2" space for backer rod and sealant joint	included in A above	1,800	lf	RC4	48	2.76	1.80			4,961	3,240	-	-	\$8,200.80	
73		3	Install 5/8" backer rod in joint gap between window frame and trim	mat \$ by White Cap	1,620	lf	RC4	16	1.02	0.09			1,654	146	-	-	\$1,799.40	
74		4	Install sealant at joint gap over backer rod	mat \$ by White Cap	1,620	lf	RC4	24	1.53	0.80			2,480	1,296	-	-	\$3,776.40	
75													-	-	-	-	\$0.00	
76	07 61		Flashing & Sheetmetal (Install SS Flashings Throughout)	Incl in 07 46									-	-	-	-	\$0.00	\$0.00
77		A	Coordinate with sider, install SS flashing with end-dams at all windows										-	-	-	-	\$0.00	
78		B	Coordinate with sider, install SS flashing with end-dams at all door heads										-	-	-	-	\$0.00	
79		C	Install SS flashing at all trim joints less than vertical (includes horizontal and angles)										-	-	-	-	\$0.00	
80													-	-	-	-	\$0.00	
81	07 71		Roof Gutters	Maintenance									-	-	-	-	\$0.00	\$0.00
82		A	Review roof drainage system, including attachment, joint laps, and repair as necessary.										-	-	-	-	\$0.00	
83		B	Clean roof drainage system including gutters, down spouts and underground drainage										-	-	-	-	\$0.00	
84		C	Ensure slope to downspout at all gutters.										-	-	-	-	\$0.00	
85													-	-	-	-	\$0.00	
86	07 92		Joint Sealants	Incl in 07 46									-	-	-	-	\$0.00	\$0.00
87													-	-	-	-	\$0.00	
88	08 50		Windows	Incl in 06 10									-	-	-	-	\$0.00	\$0.00
89													-	-	-	-	\$0.00	
90	09 25		Gypsum Wallboard (GWB)										-	-	-	-	\$0.00	\$7,921.20
91		A	Front Elevation										-	-	-	-	\$0.00	
92		1	Replace damaged GWB sheathing at front elevation		1,500	sf	RC4	48	3.31	0.25			4,961	375	-	-	\$5,335.80	
93		B	Other Areas										-	-	-	-	\$0.00	
94		1	Repair damaged GWB at guest rooms		500	sf	RC4	24	4.96	0.21			2,480	105	-	-	\$2,585.40	
95													-	-	-	-	\$0.00	
96	09 60		Flooring - General										-	-	-	-	\$0.00	\$5,817.20
97		A	Replace damaged flooring materials with like material	\$ by 2008 RS Means	1000	sf	RC4	32	3.31	2.51			3,307	2,510	-	-	\$5,817.20	
98													-	-	-	-	\$0.00	
99	09 90		Paint & Coatings										-	-	-	-	\$0.00	\$32,300.00
100		A	250		17,000	sf			0.24	0.20			4,080	3,400	-	-	\$7,480.00	
101		B	Repaint the entire building with 2 coats of premium grade latex acrylic paint		34,000	sf			0.24	0.49			8,160	16,660	-	-	\$24,820.00	
102													-	-	-	-	\$0.00	
103	13 11		Swimming Pools										-	-	-	-	\$0.00	\$0.00
104		A	No work in this area - repairs complete										-	-	-	-	\$0.00	
105													-	-	-	-	\$0.00	
106	23 00		Heating, Ventilating, and Air-Conditioning										-	-	-	-	\$0.00	\$1,000.00
107		A	Review HVAC system for conformity to design and functionality		1	ls		4	1,000.00				1,000	-	-	-	\$1,000.00	

Thompson Gardens
Estimate Details

Line	Issue	Item	Description	Notes / Ref.	Qty	Unit	Crew	Hrs	Unit Cost				Direct Cost				Total	Total
									Labor	Material	Other	Subc.	Labor	Material	Other	Subc.	Cost	Item
108													-	-	-	-	\$0.00	
109	32 90		Planting (Landscape and Irrigation)										-	-	-	-	\$0.00	\$4,464.30
110		A	Remove, store and protect smaller plants within 6 feet of front elevation, see 32 90 A below		1	ls	D4	24	1,785.72				1,786	-	-	-	\$1,785.72	
111		B	Wrap and tie back trees for protection		1	ls	D4	12	892.86				893	-	-	-	\$892.86	
112		C	Re-install small plants		1	ls	D4	24	1,785.72				1,786	-	-	-	\$1,785.72	
113													-	-	-	-	\$0.00	
114	50 15		Architectural / Design Details - Pricing on Summary page										-	-	-	-	\$0.00	\$0.00
115		A	Front Elevation										-	-	-	-	\$0.00	
116		1	Provide details for complete rain screen siding system										-	-	-	-	\$0.00	
117		2	Provide design and specification for new windows										-	-	-	-	\$0.00	
118		3	Provide details for window flashing and installation to be integrated with rain screen siding system										-	-	-	-	\$0.00	
119		B	Other Areas										-	-	-	-	\$0.00	
120		1	Provide design and specification for replacement for damaged windows										-	-	-	-	\$0.00	
121													-	-	-	-	\$0.00	
122	*		Material pricing from FM Sheet Metal										-	-	-	-	\$0.00	
123			Labor pricing from CLP										-	-	-	-	\$0.00	
124			Material pricing from Home Depot UNO										-	-	-	-	\$0.00	
125																		
126			Total										161,893	71,968	26,600	-	\$260,460.68	\$260,460.68

Thompson Gardens

Labor Rates

		Unit	Rate	Description												Asst.				
				Laborer			Carpenter			Conc. Fin.			Roofer			Project	Project			
				App	Jou	For.	App	Jou	For.	App	Jou	For.	App	Jou	For.	Manager	Manager	Supt.	Average	
1				12.00	15.00	22.50	15.00	30.00	40.00	15.00	30.00	35.00	15.00	25.00	30.00	25.00	45.00	40.00	26.30	
2		\$0	/Hr	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Newport, OR	\$0	/Hr	30.00	If	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.14	
4	Education	\$0.00	/Hr	100.00	sf	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.14	
5	Fica	7.65%	%	0.92	1.15	1.72	1.15	2.30	3.06	1.15	2.30	2.68	1.15	1.91	2.30	1.91	3.44	3.06	2.01	
6	2/21/2008	0.00%	%	300.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	
7	Federal Unemp	0.80%	%	20.00		0.18	0.12	0.24	0.32	0.12	0.24	0.28	0.12	0.20	0.24	0.20	0.36	0.32	1.64	
8	Futa	8.00%	%	225.00	1.20	1.80	1.20	2.40	3.20	1.20	2.40	2.80	1.20	2.00	2.40	2.00	3.60	3.20	17.04	
9	SDI	0.00%	%	204.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.60	
10	State Unemp	3.50%	%	561.00	0.53	0.79	0.53	1.05	1.40	0.53	1.05	1.23	0.53	0.88	1.05	0.88	1.58	1.40	38.29	
11	Workman's Comp BLW \$21	48.00%	%	5.76	7.20		7.20			7.20						1.25	2.25		5.14	
12	Workman's Comp ABV \$21	16.00%	%			3.60		4.80	6.40		4.80	5.60						6.40		
13	Roofor BLW \$21	75.00%	%										11.25							
14	Roofor ABV \$21	50.00%	%										12.50	15.00						
15	Vehicle	\$0	%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	Liability Insurance	10.00%	%	1.20	1.50	2.25	1.50	3.00	4.00	1.50	3.00	3.50	22.50	37.50	45.00	2.50	4.50	4.00	9.16	
17																				
18	Burdened \$/Hr.			21.26	26.57	32.84	28.23	37.56	52.24	26.69	43.79	51.08	51.74	79.99	95.99	33.74	60.73	58.38	77.87	
19	Percent Overhead			44%	44%	31%	47%	20%	23%	44%	31%	31%	71%	69%	69%	26%	26%	31%	67.51%	
20																				
21																		Crew Cost	per Hour	
22																		per Hour	w/ 20% O&P	
23	Demolition																			
24	D 1				1														\$26.57	
25	D 2			1	1														\$47.83	
26	D 3				2														\$53.15	
27	D 4			1	2														\$74.41	
28	D 5				2			1											\$90.71	
29	D 6			1	2			1											\$111.97	
30	D 7			2	2														\$95.67	
31				2	2			2											\$170.79	
32																				
33	Site Work																			
34	SW 1			1															\$21.26	
35	SW 2			2															\$42.52	
36	SW 3			1	1														\$47.83	
37	SW 4			2	1														\$69.09	
38	SW 5			0	1			1		1									\$107.92	
39	SW 6			0	2			2		2									\$215.84	
40	SW 7						1	1											\$65.79	
41	SW 8						1	2											\$103.35	
42	SW 9						2	2											\$131.58	
43	SW 10				1			1											\$64.13	
44	Concrete																			
45	C 1										1								\$43.79	
46	C 2									1	1								\$70.48	
47	C 3									1	2	1							\$165.35	
48	C 4							1			3								\$168.92	
49	C 5				1			2			3								\$233.05	
50	C 6			1	1		1	1		1	3								\$271.67	
51	C 7			1	1		1	2		1	2	1							\$316.53	
52	Rough Carpentry																			
53	RC 1						1												\$28.23	
54	RC 2							1											\$37.56	
55	RC 3								1										\$52.24	
56	RC 4						1	2											\$103.35	
57	RC 5						2	2											\$131.58	
58	RC 6						3	3	1										\$249.61	
59	RC 7				1		2	2											\$158.15	
60	RC 8				2		2	2	1										\$236.97	
61	Finish Carpentry																			
62	FC 1						1												\$28.23	
63	FC 2							1											\$37.56	
64	FC 3								1										\$52.24	
65	FC 4						1	2											\$103.35	
66	FC 5						2	2											\$131.58	
67	FC 6						2	2	1										\$183.82	
68	Roofing																	0		
69	RF 1												1						\$51.74	
70	RF 2													1					\$79.99	
71	RF 3												0	0	0	0	0		\$0.00	
72	RF 4												1	2					\$211.72	
73	RF 5												2	2					\$263.46	
74	RF 6												2	2	1				\$359.45	

Thompson Gardens

Calls, Sub-Bids, Materials

		2	3	4
Date:	3/26/2008	3/28/2008	3/28/2008	3/28/2008
Time:	12:00 noon	9:30 AM	11:15 AM	1:05 AM
Sub-Contractor:				
Material Supplier:	ABC Supplier	Joe's Sanitary Service	PO Sheet Metal	Lots O' Luumber
Contact:	George	Joe	Dick	
Street Address:			3000 Pierce Parkway, Somewhere, Oregon	10600 SW Tillsdale, Somewhere, OR
Phone #:	800-555-5501	800-555-5502	800-555-5503	800-555-5504
Fax #:				
e-mail				
Bidding Sections:	Siding	Cleaning	Siding	Siding
Bidding Section #'s:	07 46	01 74	07 46	07 46
Bid Amount:	4')	\$.05 per lb.	\$1,425.00 for 750lf 304SS 24ga. 2B, \$1.90 p/lf	
With Tax and Delivery:				
With Waste:				
Per Unit (SF, LF, CY, Etc.)	LF	LB	LF	LF
Inclusions:	available in PDX	see email attachment in file	Z metal flashing for belly bands & window heads	5/4x6 solid \$1.80 lf, FJ 1.95lf

Thompson Gardens

Calls, Sub-Bids, Materials

	5	6
Date:	4/1/2008	4/4/2008
Time:	10:55 AM	10:30 AM
Sub-Contractor:		
Material Supplier:	Super Stone & Brick	Mick's Custom Door & Window
Contact:	Wes	Mick
Street Address:	34790 Rudy Ln. Somewhere, Oregon	5334 47th Street, Somewhere, OR
Phone #:	800-555-5505	800-555-5506
Fax #:		
e-mail		
Bidding Sections:	Masonry	Rough Carpentry
Bidding Section #'s:	04 00	06 10
Bid Amount:	\$5.80	LC-35 - \$250
With Tax and Delivery:		C-60 - \$574
With Waste:		
Per Unit (SF, LF, CY, Etc.)	SF	ea
Inclusions:	all cultured stone is same price; suggested \$20-\$22sf for mat and labor	LC-35 meets code at 118MPH winds, C-60 far exceeds at 155 mph but is only available in casement style