# **LOW ESTIMATE**

	<u>ov</u>	NER TOTAL WITHOUT EXTERIOR WA	ALL SECTIONS			
Title	Duration Days	Total Material Cost	Total Labor Cost	Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
Division 1: General Requirements	1.5	\$2,800.18	\$690.00	\$1,065.00	\$2,609.40	\$2,609.40
	<u>CONST</u>	RUCTION TOTAL WITHOUT EXTERIO	R WALL SECTIONS			
Title	Duration Days	Total Material Cost	Total Labor Cost	Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
Division 3: Concrete	2.417416929	\$4,013.34	\$2,506.05	\$132.41	\$7,005.14	\$8,406.16
Division 6: Woods, Plastics, and Composites	4.740716788	\$2,660.09	\$3,855.16	\$0.00	\$6,515.25	\$7,818.31
Division 7: Thermal and Moisture Protection	6.292604098	\$3,232.47	\$3,070.96	\$0.00	\$4,790.23	\$7,564.13
Division 8: Openings	0.847222222	\$4,248.00	\$699.00	\$0.00	\$7,026.40	\$5,936.40
Division 9: Finishes	10.92786874	\$1,955.11	\$5,701.67	\$0.00	\$6,299.26	\$9,188.14
Division 10: Specialties	0	\$23.50	\$0.00	\$0.00	\$23.50	\$28.20
Division 12: Furnishings	0.080645161	\$690.00	\$73.00	\$0.00	\$763.00	\$915.60
Division 22: Plumbing	2.185	\$9,420.00	\$1,761.00	\$0.00	\$11,181.00	\$13,417.20
Division 23: HVAC	1.6657	\$6,877.00	\$2,963.75	\$0.00	\$9,840.75	\$11,808.90
Division 26: Electrical	3	\$10,797.98	\$2,699.50	\$0.00	\$13,497.48	\$16,196.98
Division 31: Earthwork	0.244	\$0.00	\$713.77	\$197.69	\$911.46	\$1,093.75
Division 32: Exterior Improvements	0.21441	\$2,108.22	\$1,536.50	\$45.29	\$3,690.01	\$4,428.01
SLENDERWALL	17.63208139	\$53,747.87	\$22,337.65	\$5,333.79	\$81,419.30	\$97,703.16

TOTAL COST | Price per under the roof Sq Ft.

\$133.49

\$159,520.40

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<u>CHANGES MADE</u>			TOTAL \	<b>NITHOUT EXTERIOF</b>	R WALL SECTIONS
3 1/2" Thick Wall Insulation R-11	TOTAL DURATION DAYS	Total Material Cost		Total Labor Cost	Total Equipment Cost
6 1/4" Roof Batt Insulation R-20	33.23049815		\$98,884.37	\$52,388.21	\$6,774.18
Asphalt roof shingles, 25 year, class A					
#15 felt underlayment					
Polyethylene Vapor Barrier 2 mil					
Aluminum, .020" thick 2" x 3" Downspout					
Vinyl Single Hung Windows 24" x 48", Insulated Glass					
Vinyl Single Hung Windows 37" x 65", Insulated Glass					
Residential Steel Door, Full Panel, 3' x 6'-8"					
1/4" thick, on walls or ceilings, standard, no finish					
Drywall Latex primer and sealer coat, sprayed smooth					
	7				

Deep Freeze 15 to 23 C.F. Minimum

RS Means	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Costs				
Page #								Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Slender W	all System											
Pg 242	03 45 13.50-0150	1285.25	S.F.	Precast wall panels, low rise 8'x8'x4" thick (2")	C-11	576	2.231336806	\$39,842.75	\$9,189.54	\$5,063.89	\$54,096.17	\$64,915.41
Pg 229	07 21 29.10-0320	1285.25	S.F.	Closed cell, spray polyurethane foam, 2" thick	G-2A	3000	0.428416667	\$1,362.37	\$424.13	\$269.90	\$2,056.40	\$2,467.68
Pg 145	06 11 10.40-6145	1285.25	LF	8' high walls, 16 ga x 6" wide, studs 24" OC	2 Carp	88	14.60511364	\$12,338.40	\$12,402.66		\$24,741.06	\$29,689.28
Pg 72	03 22 11.10-0100	12.8525	C.S.F	6x6 W1.4 x W1.4 (10x10) 21lbs/ C.S.F.	2 Rodman	35	0.367214286	\$204.35	\$321.31		\$525.67	\$630.80

 Pre-General Requirement Costs

 TOTAL DURATION DAYS
 Total Material Cost
 Total Labor Cost
 Total Equipment Cost
 Total Cost
 Total Cost w/ 20% O&P

 17.63208139
 \$53,747.87
 \$22,337.65
 \$5,333.79
 \$81,419.30
 \$97,703.16

#### **DIVISION 1: GENERAL REQUIREMENTS**

RS Means										Costs		
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
General Re	equirements								•			
Pg 12	01 21 63.10-0020	7%	% of Job	Mississippi Sales Tax on Materials				\$280.93				
Pg 12	01 31 13.30-0020	0.24%	% of Job	Builders Risk Minimum							\$382.85	\$459.42
Pg 14	01 41 26.50-0020	0.50%	% of Job	Permit Requirements							\$797.60	\$957.12
Pg 15	01 45 23.50-0600	1	Ea	Concrete Testing							\$136.00	\$163.20
Pg 15	01 45 23.50-4200	1	Ea	Reinforcing Steel bend and tensile test							\$55.00	\$66.00
Pg 15	01 45 23.50-4400	1	Ea	Soil Testing							\$59.00	\$70.80
Pg 15	01 54 19.50-0100	1.5	Day	12-Ton Crane Truck mounted	A-3H	1	1.5		\$690.00	\$1,065.00	\$1,755.00	\$2,106.00

Pre-General Requirement Costs

TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost Total Cost Total Cost W/ 20% O&P

1.5 \$280.93 \$690.00 \$1,065.00 \$3,185.45 \$3,822.54

## **DIVISION 3: CONCRETE**

RS Means									Costs		
Page #	Division Number	Quantity Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Main Slab,	/Footers										
Pg 80	03 31 13.35-0300	19.19 C.Y.	4000 PSI Structural Concrete for 5" concrete slab				\$2,456.32			\$2,456.32	\$2,947.58
Pg 71	03 21 11.60-0500	1.275 Tons	#3 Rebar	4 Rodman	2.1	0.607142857	\$1,306.88	\$1,064.63		\$2,371.50	\$2,845.80
Pg 72	03 22 11.10-0100	12.85 C.S.F	6x6 W1.4 x W1.4 (10x10) 21lbs/ C.S.F.	2 Rodman	35	0.914285714	\$204.32	\$321.25		\$525.57	\$630.68
Pg 55	03 11 13.45-0020	20.1 S.F.C.A	Concrete Slad, Formwork 4 Use	C-1	375	0.0536	\$45.83	\$64.92		\$464.09	\$556.91
Pg 82	03 35 13.30-0150	1285.33 S.F.	Bull float, manual float & broom finish, includes edging and joints	C-10	1850	0.694772973		\$642.67		\$642.67	\$771.20
Pg 80	03 31 13.35-4350	19.19 C.Y.	Slab on grade under 6" thick, pumped	C-20	130	0.147615385		\$412.59	\$132.41	\$545.00	\$654.00

 Pre-General Requirement Costs

 TOTAL DURATION DAYS
 Total Material Cost
 Total Labor Cost
 Total Equipment Cost
 Total Cost
 Total Cost w/ 20% O&P

 2.417416929
 \$4,013.34
 \$2,506.05
 \$132.41
 \$7,005.14
 \$8,406.16

### **DIVISION 6: Wood, Plastics, and Composites**

				DIVISION 6. WOOD, Plastics, and Composit								
RS Means										Costs		
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Interior Sy	stem											
Pg 187	06 11 10.40-6145	0.508	M.B.F.	Studs, 8' High Wall, 2" x 4", pneumatic nailed	2 Carp	1.1	0.461818182	\$327.66	\$381.00		\$708.66	\$850.39
Pg 187	06 11 10.40-6025	1.016	M.B.F.	Plates, 2" x 4", pneumatic nailed	2 Carp	0.67	1.51641791	\$655.32	\$1,244.60		\$1,899.92	\$2,279.90
Pg 192	06 16 36.10-4610	1011.33	S.F.	Plywood, On walls, 7/16" Thick	2 Carp	1200	0.842775	\$475.33	\$697.82		\$1,173.14	\$1,407.77
<b>Roof Syste</b>	m											
Pg 186	06 11 10.30-6070	0.148	M.B.F.	Fascia Boards, 2" x 8"	2 Carp	0.3	0.493333333	\$108.04	\$407.00		\$515.04	\$618.05
Pg 186	06 11 10.30-7300	0.282006	M.B.F.	Hip and Valley Rafters 2" x 6"	2 Carp	0.6	0.47001	\$203.04	\$387.76		\$590.80	\$708.96
Pg 186	06 11 10.30-7000	0.282006	M.B.F.	Rafters, 4 to 12 pitch, 2" x 6"	2 Carp	1.26	0.223814286	\$203.04	\$232.65		\$435.70	\$522.84
Pg 189	06 13 23.10-0230	0.05	M.B.F.	5" x 5" Columns	2 Carp	0.65	0.076923077	\$68.75	\$63.75		\$132.50	\$159.00
Pg 192	06 16 36.10-0030	1049	S.F	Plywood on roofs, CDX, 5/16" thick	2 Carp	1600	0.655625	\$618.91	\$440.58		\$1,059.49	\$1,271.39

TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost Total Cost Total Cost W/ 20% O&P

							4.7407168	\$2,660.09	\$3,855.1	6 \$0.00	\$6,515.25	\$7,818.31
DC 14	T				DIVISION 7 1	THERMAL AND N	MOISTURE PROTECTION	I		•		
RS Means	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Costs Equipment Cost	Total	Total w/ 20% O&P
Pg # Insulation		Quantity	Ollit	Description	Crew	Daily Output	Duration	Iviaterial Cost	Labor Cost	Equipment Cost	Total	Total W/ 20% O&P
Pg 227	07 21 16.20-0020	1011.33 S.	F I	3 1/2" Thick Wall Insulation R-11	1 Carp	1350	0.749133333	\$303.40	\$313.5	1	\$616.91	\$740.29
Pg 227	07 21 16.20-0838	1011.33 S.		6 1/4" Roof Batt Insulation R-20	1 Carp	1150	0.912173913	\$639.89	\$377.6		\$1,017.53	\$1,221.04
Shingles	07 21 10:20 0000	10 15   5.		0 1/ 1 Noor Bate Insulation N 20	2 carp	1130	0.312173313	Ţ033.03	\$377.0	•	<b>V</b> 1,017.133	ψ1,221.0 T
Pg 233	07 31 13.10-0150	10.49 Sc	a. I	Asphalt roof shingles, 25 year, class A	1 Rofc	5	2.098	\$828.71	\$687.1	0	\$1,515.81	\$1,818.97
Pg 233	07 31 13.10-0825	10.49 Sc		#15 felt underlayment	1 Rofc	58	0.180862069	\$56.65	\$59.2		\$115.91	\$139.10
Pg. 226	07 26 10.10-0900	10.49 Sc		Polyethylene Vapor Barrier 2 mil	1 Carp	37	0.011		\$116.9		\$133.33	\$159.99
Soffit		'	<u>.                                      </u>	<u> </u>				,	· ·		· ·	
Pg 242	07 46 73.10-0300	148 S.	.F	Polyvinyl cholride, white, solid, perforated, soffit	1 Carp	230	0.643478261	\$324.12	\$266.4	0	\$590.52	\$708.62
Pg 252	07 71 23.10-8200	16 L.	F.	Aluminum, .020" thick 2" x 3" Downspout	1 Shee	210	0.38	\$14.88	\$41.1	2	\$56.00	\$67.20
Pg 253	07 71 23.20-1300	2 Ea	a.	Aluminum Elbows, 2" x 3" .020" thick	1 Shee	100	0.02	\$1.86	\$9.7	6	\$11.62	\$13.94
Pg 253	07 71 23.30-3000	148 L.	f.	Vinyl, O.G., 4" wide	1 Carp	115	1.286956522	\$201.28	\$531.3	2	\$732.60	\$879.12
								General Requirement				
							TOTAL DURATION DAYS					Total Cost w/ 20% O&P
							6.281604098	\$2,387.15	\$2,403.0	8 \$0.00	\$4,790.23	\$5,748.27
	1	1				DIVISION 8 OF	PENINGS	1				
RS Means		0	11.2	Description	6	Deile Colored	D	Mahadal Cash	li ala an Card	Costs	I=1	T-1-1 / 200/ O.B.D.
Pg # Windows	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
	08 53 13.30-0140	4 Ea	, 1	Vinyl Single Hung Windows 24" x 48", Insulated Glass	2 Carp	18	0.22222222	\$856.00	\$184.0	<u></u>	\$1,040.00	\$1,248.00
Pg 296 Pg 296	08 53 13.30-0286	4 Ea		Vinyl Single Hung Windows 24 × 46 , Insulated Glass  Vinyl Single Hung Windows 37" x 65", Insulated Glass	2 Carp	16	0.22222222		\$206.0		\$1,406.00	
Doors	08 33 13.30-0280	4 1 2	a.	Viriyi Sirigle Hurig Wiridows 37 X 03 , Irisulated Glass	2 Carp	10	0.23	\$1,200.00	\$200.0	0	71,400.00	71,087.20
Pg 270	08 14 16.09-0310	4 Ea	a I	Smooth Wood Door, Hollow Core, Oak Face	2 Carp	16	0.25	\$1,028.00	\$206.0	0	\$1,234.00	\$1,480.80
Pg 269	08 13 13.20-1420	2 Ea		Residential Steel Door, Half Glass, 3' x 6'-8"	2 Carp	16	0.125	\$700.00	\$103.0		\$803.00	
Door Hard				,					, , , , ,		, , , , , , , , , , , , , , , , , , , ,	, , , ,
Pg 299	08 71 20.10-3000	4 Ea	a.	Bolts Flush Brass, 2" long	1 Carp	40	0.1	\$21.00	\$41.4	0	\$62.40	\$74.88
Pg 299	08 71 20.15-1000	4 Ea		Average Door Hardware, House	1 Carp	4	1	\$2,180.00	\$412.0	0	\$2,592.00	\$3,110.40
			•			•						
										Pre-General Requireme		
							TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
							0.847222222	\$5,985.00	\$1,152.4	0 \$0.00	\$ <b>7,137.40</b>	\$8,564.88
	1			DIVISION 9: FINISHES				1				
RS Means				5		D. 7. G.		Marketick C.	II. II. II. II. II. II. III. III. III.	Costs		T-1-1 / 200/ 000
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Pg 330	eiling and walls) 09 29 10.30-0110	508 S.	E	1/4" thick, on walls or ceilings, standard, no finish	2 Carp	965	0.52642487	\$203.20	\$314.9	6	\$518.16	\$621.79
Pg 330	09 29 10.30-0110	1049 S.		1/4 thick, on walls or ceilings, standard, no finish	2 Carp	765	1.37124183	\$203.20	\$650.3		\$1,069.98	
Pg 330 Pg 322	09 29 10.30-3050	1049 S. 1285.3 S.		Walls, 7/8" hat channels, galvanized 12" OC	1 Lath	235	5.469361702	\$419.60			\$2,699.13	•
Pg 329	09 28 13.10-0150	508 S.		On wall, 3' x 4' x 5/8" sheets, Backerboard	2 Carp	350	1.451428571	\$472.44			\$1,671.32	-
Paint	33 20 13.10 0130	300 3.		on wan, o x + x o, o sheeta, backerboard	z curp	330	1.4314203/1	7472,44	71,150.0	<u> </u>	Ÿ1,07 1.3Z	72,003.30
Pg 367	09 91 23.72-0280	1793 S.	.F.	Drywall Latex primer and sealer coat, sprayed smooth	1 Pord	850	2.109411765	\$107.58	\$233.0	9	\$340.67	\$408.80
0		00 01		,		330		7207.00	Ţ		, , , , , ,	γ .53.60
										Pre-General Requireme	ent Costs	
							TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost			Total Cost w/ 20% O&P
							10.92786874	\$1,704.09	\$4,595.1	7 \$0.00	\$6,299.26	\$7,559.11
				DIVISION 10: Specialties								
RS Means										Costs		
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
	Fire Extinguishers	1 1 5		ARC all nurnose type, portable 2.5 pound				\$23.50			\$23.50	\$28.20
104 204	110 44 16 10 2000	1 1 1 1 2 -	_	AllCall nurnace time nextable 2 F neural				COO EO				

13 24

20

1 Carp

1 Carp

1 Carp

0.153846154

0.083333333

0.1

\$23.50

\$54.00

\$60.00

\$94.00

\$64.00 \$34.40

\$41.00

\$23.50

\$118.00

\$94.40

\$135.00

\$28.20

\$141.60

\$113.28

\$162.00

Pg 394 10 44 16.13-2000 Pg 388 10 28 13.13-0200 Pg 389 10 28 13.13-0800

Pg 389 10 28 13.13-3000

1 Ea. 2 Ea. 2 Ea. 2 Ea.

ABC all purpose type, portable 2.5 pound

Curtain Rod Grab bar 18"

Mirror 18" x 24"

	10 28 13.13-6400	2 Ea.		Towel Rod	1 Carp	23	0.086956522	\$84.00	\$35.90		\$119.90	\$143.88
Pg 389 1	10 28 13.13-6400	4 Ea.		Closet Rods	1 Carp	23	0.173913043	\$168.00	\$71.80		\$239.80	\$287.76
										Pre-General Requireme		
							TOTAL DURATION DAYS					Total Cost w/ 20% O&P
							0.598049052	\$483.50	\$247.10	\$0.00	\$730.60	\$876.72
						DIVISION 11 E	quipment					
RS Means									l	Costs	T=	- · · · / 222/ 222
	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Kitchen	44 20 42 45 0020	4/5-		Carling Pages 2011 Face Charding	2 Clab	1 40	0.4	Ć470.00	der 50		Å525 50	¢542.50
	11 30 13.15-0020	1 Ea.		Cooking Range 30" Free Standing	2 Clab	10	0.1	\$470.00	\$65.50		\$535.50	\$642.60
_	11 30 13.17-2750 11 30 13.16-2000	1 Ea. 1 Ea.		Dishwasher, 2 cycles  Deep Freeze 15 to 23 C.F. Minimum	2 Clab 2 Clab	4	0.25 0.25	\$305.00 \$640.00	\$246.00 \$65.50		\$551.00 \$705.50	\$661.20 \$846.60
Pg 412 1	11 30 13.16-2000	I Ea.		Deep Freeze 13 to 23 C.F. Millillialli	Z Clab	4	0.25	\$640.00	\$65.50		\$705.50	\$640.00
							Pro-	General Requirement	Costs			
							TOTAL DURATION DAYS			Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
							0.6					\$2,150.40
						DIVISION 12 I		ψ1,113.00	φ377.00	φ0.00	γ2), 32.00	Ψ2,130.10
RS Means										Costs		
	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Kitchen Cabi	inets	,		·								
Pg 439 1	12 32 23.10-0700	2 Ea.		Kitchen Wall Cabinets 15" high 36" wide	2 Carp	24.8	0.080645161	\$690.00	\$73.00		\$763.00	\$915.60
		•	,						•		•	
							Pre-	General Requirement	Costs			
							TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
							0.080645161	\$690.00	\$73.00	\$0.00	\$763.00	\$915.60
					1	DIVISION 22 P	LUMBING					
RS Means	5 N I								l	Costs	I=	T / 200/ 0.00
	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Lavratories		ماد		2011 - 2011	0.4		0.202020202	ć4 200 00	6276.00		\$4 FCC 00	¢4.070.20
	22 41 16.13-7660 22 41 16.16-2000	2 Ea. 1 Ea.		26" x 20", white	Q-1 Q-1	6.6 5.6	0.303030303 0.178571429	\$1,290.00 \$645.00	\$276.00 \$138.00		\$1,566.00 \$783.00	\$1,879.20 \$939.60
		I Ea.	.	Kitchen, counter top style, PE on CI, 24"x21" Single Bowl	Q-1	5.0	0.176371429	\$645.00	\$136.00		\$765.00	\$939.60
Water Close Pg 518 2	22 42 13.13-3370	2 Ea.		Water Closet, Floor mounted	Q-1	2.84	0.704225352	\$810.00	\$640.00		\$1,450.00	\$1,740.00
Tubs	22 42 13.13-3370	Z La.	·	water closet, floor fllourited	Q-1	2.04	0.704223332	\$810.00	\$040.00		\$1,430.00	\$1,740.00
	22 41 19.10-0100	2 Ea.		Tubs, recessed porcelain enamel on cast iron, with trim	Q-1	Δ	0.5	\$5,600.00	\$454.00		\$6,054.00	\$7,264.80
Water Heate				razo, resessed personani ename. en euse nen, mar anni			0.5	45,000.00	Ţ 15 1166		φο,οοοο	ψ1,20 He0
	22 33 30.13-1080	1 Ea.		Residential, electric, 40 gallon, Double element	1 Plum	2	0.5	\$1,075.00	\$253.00		\$1,328.00	\$1,593.60
		<u> </u>		-			Pre-	General Requirement	Costs	•		
							TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
							2.185827084	\$9,420.00	\$1,761.00	\$0.00	\$11,181.00	\$13,417.20
				DIVISION 23: HVAC								
RS Means										Costs	_	
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
1-	22.27.42.62.4222			Oll dilate Co. L. D. T.	la ci		0.0001017-	400	1 4:0		1 4	A=0.:
	23 37 13.60-1020	1 Ea.		8"x4" Air Supply Register	1-Shee	26	0.038461538	\$28.00	\$18.75		\$46.75	
	23 33 46.10-1910	100 L.F.		4" Diameter Flexible Air Duct	Q-9	340	0.294117647	\$2,800.00	\$1,875.00		\$4,675.00	
	23 34 23.10-6680	2 Ea.		Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM	Q-20	24	0.083333333	\$56.00	\$37.50		\$93.50	
	23 34 23.10-6900	1 Ea.		Kitchen Exhaust Grille Complete, 160 CFM	Q-20	22	0.045454545	\$28.00	\$18.75		\$46.75	
	23 37 13.30-3000 23 81 19.20-0200	5 Ea. 1 Ea.		Filter Grille With Filter, 12"x12"  Air cooled, for freeblow or duct 3 ton cooling	1-Shee Q-5	24	0.208333333	\$140.00 \$3,825.00	\$93.75 \$920.00		\$233.75 \$4,745.00	
	23 OT 13.20-U2UU	ı Eg.		All cooled, for freeblow of duct 3 toff cooling	Q-3	1	1	\$3,825.00	3920.00	Pre-General Requireme		\$5,034.00
							TOTAL DURATION DAYS	Total Material Cost	Total Lahor Cost			Total Cost w/ 20% O&P
							1.669700398	\$6,877.00				
				DIVISION 26: ELECTRICAL			1.003700338	90,077.00	Ψ <u>2,303.73</u>	Ş <del>0.0</del> 0	,	711,000.30
RS Means				5.113.31 Ed. LELGIMOAL						Costs		
	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
		,				, = ======						

895	50 17 00 0400	1049	SF	Electrical cost per sq ft			\$6,745.07	\$6,752.41		\$13,497.48	\$16,196.98
									Pre-General Requiremer	nt Costs	
						TOTAL DURATION DAYS	Total Material Cost	<b>Total Labor Cost</b>	Total Equipment Cost	<b>Total Cost</b>	Total Cost w/ 20% O&P
						0	\$6,745.07	\$6,752.41	\$0.00	\$13,497.48	\$16,196.98
				DIVISION 31: EARTHWORK							

				DIVISION SI. LANTINGON								
RS Means	5									Costs		
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
618	31 23 16.13-0050	17.7	B.C.Y.	Excavating, Trench 1' to 4' deep, 3/8 C.Y. excavator (footing)	B-11c	150	0.118	\$0.00	\$92.93	\$25.31	\$118.24	\$141.88
628	31 23 23.14-2000	4.8	L.C.Y.	Backfill, Structural, 80 HP, 50' haul, sand & gravel (footing)	B-10L	1100	0.004363636	\$0.00	\$2.74	\$1.73	\$4.46	\$5.36
628	31 23 23.14-2020	9.72	L.C.Y.	Backfill, Structural, 80 HP, 50' haul, common earth	B-10L	975	0.009969231	\$0.00	\$6.22	\$3.99	\$10.21	\$12.25
618	31 22 16.10-0010	116.55	S.Y.	Fine Grade for Slab on grade, machine	B-11L	1040	0.112067308	\$0.00	\$611.89	\$166.67	\$778.55	\$934.26
Pg 639	31 31 16.13-0020	1049	SF Flr.	Termite Control Under Slab	1 Skwk	1200	0.874166667	\$346.17	\$377.64		\$723.81	\$868.57
Pg 639	31 25 14.16-0020	116.33	SY	Rolled Erosion Control Mats and Blanket, Paper	B-80A	2400	0.048470833	\$20.94	\$46.53		\$67.47	\$80.97

			Pre-General Requiremen	nt Costs	
TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Total Equipment Cost	<b>Total Cost</b>	Total Cost w/ 20% O&P
1.167037675	\$367.11	\$1,137.94	\$197.69	\$1,702.74	\$2,043.29

## **DIVISION 32: EXTERIOR IMPROVEMENTS**

RS Mean	s									Costs		
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Drywall (	I (ceiling and walls)											
Pg 652	32 06 10.10-0300	789	S.F.	Concrete, 3000 psi, CIP, 6 x 6 - W1.4 x W1.4 Mesh, Broomed finish 4"	B-24	600	0.1578	\$1,751.58	\$1,491.21		\$3,242.79	\$3,891.35
Pg 652	32 01 13.61-0100	283.05	S.Y	Slurry Seal Asphalt Street Paving	B-45	5000	0.05661	\$356.64	\$45.29	\$45.29	\$447.22	\$536.66

TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
0.21441	\$2,108.22	\$1,536.50	\$45.29	\$3,690.01	\$4,428.03
		TOTAL WITHOUT E	XTERIOR WALL SECTIONS		
TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Total Equipment Cost	TOTAL COST	Price per under the roof Sq Ft
50.8625795	\$98.884.37	\$52,388,21	\$6,774.18	\$159.549.61	\$152.10

Pre-General Requirement Costs

# **MIDDLE ESTIMATE**

	OWNER TOTAL WITHOUT EXTERIOR WALL SECTIONS											
Title	Duration Days	Total Material Cost	Total Labor Cost	Total Equipment Cost	<b>Total Cost</b>	Total Cost w/ 20% O&P						
Division 1: General Requirements	1.5	\$2,800.18	\$690.00	\$1,065.00	\$2,609.40	\$2,609.40						
	<u>CONST</u>	RUCTION TOTAL WITHOUT EXTERIO	R WALL SECTIONS									
Title Duration Days Total Material Cost Total Labor Cost Total Equipment Cost Total Cost Total												
Division 3: Concrete	2.417416929	\$4,013.34	\$2,506.05	\$132.41	\$7,005.14	\$8,406.16						
Division 6: Woods, Plastics, and Composites	4.740716788	\$2,660.09	\$3,855.16	\$0.00	\$6,515.25	\$7,818.31						
Division 7: Thermal and Moisture Protection	6.292604098	\$3,232.47	\$3,070.96	\$0.00	\$4,790.23	\$7,564.13						
Division 8: Openings	0.847222222	\$4,248.00	\$699.00	\$0.00	\$7,026.40	\$5,936.40						
Division 9: Finishes	10.92786874	\$1,955.11	\$5,701.67	\$0.00	\$6,299.26	\$9,188.14						
Division 10: Specialties	0	\$23.50	\$0.00	\$0.00	\$23.50	\$28.20						
Division 12: Furnishings	0.080645161	\$690.00	\$73.00	\$0.00	\$763.00	\$915.60						
Division 22: Plumbing	2.185	\$9,420.00	\$1,761.00	\$0.00	\$11,181.00	\$13,417.20						
Division 23: HVAC	1.6657	\$6,877.00	\$2,963.75	\$0.00	\$9,840.75	\$11,808.90						
Division 26: Electrical	3	\$10,797.98	\$2,699.50	\$0.00	\$13,497.48	\$16,196.98						
Division 31: Earthwork	0.244	\$0.00	\$713.77	\$197.69	\$911.46	\$1,093.75						
Division 32: Exterior Improvements	0.21441	\$2,108.22	\$1,536.50	\$45.29	\$3,690.01	\$4,428.01						
SLENDERWALL	17.63208139	\$53,747.87	\$22,337.65	\$5,333.79	\$81,419.30	\$97,703.16						

TOTAL WITHOUT EXTERIOR WALL SECTIONS												
TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost TOTAL COST Price per under the roof Sq Ft.												
50.87357954	\$100,304.4	\$54,173.59	\$6,774.18	\$162,755.07	\$136.20							

RS Means	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Costs				
Page #								Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Slender W	all System											
Pg 242	03 45 13.50-0150	1285.25	S.F.	Precast wall panels, low rise 8'x8'x4" thick (2")	C-11	576	2.231336806	\$39,842.75	\$9,189.54	\$5,063.89	\$54,096.17	\$64,915.41
Pg 229	07 21 29.10-0320	1285.25	S.F.	Closed cell, spray polyurethane foam, 2" thick	G-2A	3000	0.428416667	\$1,362.37	\$424.13	\$269.90	\$2,056.40	\$2,467.68
Pg 145	06 11 10.40-6145	1285.25	LF	8' high walls, 16 ga x 6" wide, studs 24" OC	2 Carp	88	14.60511364	\$12,338.40	\$12,402.66		\$24,741.06	\$29,689.28
Pg 72	03 22 11.10-0100	12.8525	C.S.F	6x6 W1.4 x W1.4 (10x10) 21lbs/ C.S.F.	2 Rodman	35	0.367214286	\$204.35	\$321.31		\$525.67	\$630.80

 Pre-General Requirement Costs

 TOTAL DURATION DAYS
 Total Material Cost
 Total Labor Cost
 Total Equipment Cost
 Total Cost
 Total Cost w/ 20% O&P

 17.63208139
 \$53,747.87
 \$22,337.65
 \$5,333.79
 \$81,419.30
 \$97,703.16

#### **DIVISION 1: GENERAL REQUIREMENTS**

RS Means								Costs					
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P	
General Re	equirements								•				
Pg 12	01 21 63.10-0020	7%	% of Job	Mississippi Sales Tax on Materials				\$280.93					
Pg 12	01 31 13.30-0020	0.24%	% of Job	Builders Risk Minimum							\$382.85	\$459.42	
Pg 14	01 41 26.50-0020	0.50%	% of Job	Permit Requirements							\$797.60	\$957.12	
Pg 15	01 45 23.50-0600	1	Ea	Concrete Testing							\$136.00	\$163.20	
Pg 15	01 45 23.50-4200	1	Ea	Reinforcing Steel bend and tensile test							\$55.00	\$66.00	
Pg 15	01 45 23.50-4400	1	Ea	Soil Testing							\$59.00	\$70.80	
Pg 15	01 54 19.50-0100	1.5	Day	12-Ton Crane Truck mounted	A-3H	1	1.5		\$690.00	\$1,065.00	\$1,755.00	\$2,106.00	

Pre-General Requirement Costs

TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost Total Cost Total Cost W/ 20% O&P

1.5 \$280.93 \$690.00 \$1,065.00 \$3,185.45 \$3,822.54

## **DIVISION 3: CONCRETE**

RS Means											
Page #	Division Number	Quantity Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Main Slab,	Footers										
Pg 80	03 31 13.35-0300	19.19 C.Y.	4000 PSI Structural Concrete for 5" concrete slab				\$2,456.32			\$2,456.32	\$2,947.58
Pg 71	03 21 11.60-0500	1.275 Tons	#3 Rebar	4 Rodman	2.1	0.607142857	\$1,306.88	\$1,064.63		\$2,371.50	\$2,845.80
Pg 72	03 22 11.10-0100	12.85 C.S.F	6x6 W1.4 x W1.4 (10x10) 21lbs/ C.S.F.	2 Rodman	35	0.914285714	\$204.32	\$321.25		\$525.57	\$630.68
Pg 55	03 11 13.45-0020	20.1 S.F.C.A	Concrete Slad, Formwork 4 Use	C-1	375	0.0536	\$45.83	\$64.92		\$464.09	\$556.91
Pg 82	03 35 13.30-0150	1285.33 S.F.	Bull float, manual float & broom finish, includes edging and joints	C-10	1850	0.694772973		\$642.67		\$642.67	\$771.20
Pg 80	03 31 13.35-4350	19.19 C.Y.	Slab on grade under 6" thick, pumped	C-20	130	0.147615385		\$412.59	\$132.41	\$545.00	\$654.00

 Pre-General Requirement Costs

 TOTAL DURATION DAYS
 Total Material Cost
 Total Labor Cost
 Total Equipment Cost
 Total Cost
 Total Cost w/ 20% O&P

 2.417416929
 \$4,013.34
 \$2,506.05
 \$132.41
 \$7,005.14
 \$8,406.16

#### **DIVISION 6: Wood, Plastics, and Composites**

	Division 6. Wood, Flastics, and Composites											
RS Means										Costs		
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Interior Sy	stem											
Pg 187	06 11 10.40-6145	0.508	M.B.F.	Studs, 8' High Wall, 2" x 4", pneumatic nailed	2 Carp	1.1	0.461818182	\$327.66	\$381.00		\$708.66	\$850.39
Pg 187	06 11 10.40-6025	1.016	M.B.F.	Plates, 2" x 4", pneumatic nailed	2 Carp	0.67	1.51641791	\$655.32	\$1,244.60		\$1,899.92	\$2,279.90
Pg 192	06 16 36.10-4610	1011.33	S.F.	Plywood, On walls, 7/16" Thick	2 Carp	1200	0.842775	\$475.33	\$697.82		\$1,173.14	\$1,407.77
<b>Roof Syste</b>	m											
Pg 186	06 11 10.30-6070	0.148	M.B.F.	Fascia Boards, 2" x 8"	2 Carp	0.3	0.493333333	\$108.04	\$407.00		\$515.04	\$618.05
Pg 186	06 11 10.30-7300	0.282006	M.B.F.	Hip and Valley Rafters 2" x 6"	2 Carp	0.6	0.47001	\$203.04	\$387.76		\$590.80	\$708.96
Pg 186	06 11 10.30-7000	0.282006	M.B.F.	Rafters, 4 to 12 pitch, 2" x 6"	2 Carp	1.26	0.223814286	\$203.04	\$232.65		\$435.70	\$522.84
Pg 189	06 13 23.10-0230	0.05	M.B.F.	5" x 5" Columns	2 Carp	0.65	0.076923077	\$68.75	\$63.75		\$132.50	\$159.00
Pg 192	06 16 36.10-0030	1049	S.F	Plywood on roofs, CDX, 5/16" thick	2 Carp	1600	0.655625	\$618.91	\$440.58		\$1,059.49	\$1,271.39

Pre-General Requirement Costs

TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost Total Cost Total Cost w/ 20% O&P

							4.7407168	\$2,660.09	\$3,855.16	\$0.00	\$6,515.25	\$7,818.31
				[	DIVISION 7 T	HERMAL AND N	OISTURE PROTECTION					
RS Means										Costs		
Pg #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Insulation												
Pg 227	07 21 16.20-0020	1011.33	S.F.	3.5" Wall Batt Insulation	1 Carp	1350	0.749133333	\$303.40	\$313.51		\$616.91	\$740.29
Pg 227	07 21 16.20-0838	1049	S.F.	6" Roof Batt Insulation	1 Carp	1150	0.912173913	\$639.89	\$377.64		\$1,017.53	\$1,221.04
Shingles					•	•						

16"	DIVISION NUMBER	Qualitity Offic	Description	CICW	Daily Gatpat	Daration	iviaterial cost	Luboi Cost	Equipment cost	10tal W/ 20/0 Oal
Insulation										
Pg 227	07 21 16.20-0020	1011.33 S.F.	3.5" Wall Batt Insulation	1 Carp	1350	0.749133333	\$303.40	\$313.51	\$616.91	\$740.29
Pg 227	07 21 16.20-0838	1049 S.F.	6" Roof Batt Insulation	1 Carp	1150	0.912173913	\$639.89	\$377.64	\$1,017.53	\$1,221.04
Shingles										
Pg 233	07 31 13.10-0150	10.49 Sq.	Asphalt roof shingles, 30 year, class A	1 Rofc	5	2.098	\$1,007.04	\$755.28	\$1,762.32	\$2,114.78
Pg 233	07 31 13.10-0825	10.49 Sq.	#30 felt underlayment	1 Rofc	58	0.180862069	\$110.67	\$65.04	\$175.71	\$210.85
Pg. 226	07 21 13.10-2120	1049 S.F.	Expanded Polystyrene 2" thick	1 Carp	730	0.011	\$566.46	\$597.93	\$1,164.39	\$1,397.27
Pg. 226	07 26 10.10-0900	10.49 Sq.	Polyethylene Vapor Barrier 6 mil	1 Carp	37	0.011	\$40.60	\$116.96	\$157.56	\$189.07
Soffit										
Pg 242	07 46 73.10-0300	148 S.F	Polyvinyl cholride, white, solid, perforated, soffit	1 Carp	230	0.643478261	\$324.12	\$266.40	\$590.5	\$708.62
Pg 252	07 71 23.10-8200	16 L.F.	Aluminum, .020" thick 2" x 3" Downspout	1 Shee	210	0.38	\$14.88	\$41.12	\$56.0	\$67.20
Pg 253	07 71 23.20-1300	2 Ea.	Aluminum Elbows, 2" x 3" .020" thick	1 Shee	100	0.02	\$1.86	\$9.76	\$11.6	\$13.94
Pg 253	07 71 23.30-3000	148 L.f.	Vinyl, O.G., 4" wide	1 Carp	115	1.286956522	\$201.28	\$531.32	\$732.6	\$879.12
	•		•	-	•		•		•	-

Pre-	General Requirement (	Costs			
TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
6.292604098	\$3,210.20	\$3,074.96	\$0.00	\$6,285.16	\$7,5

\$7,542.19

**DIVISION 8 OPENINGS** 

RS Means Costs Pg# Division Number | Quantity | Unit Description Crew Daily Output Duration Material Cost Labor Cost Equipment Cost Total Total w/ 20% O&P Windows 4 Ea. \$1,204.00 \$1,444.80 Pg 296 08 53 13.30-0140 Vinyl Double Hung Windows 24" x 48", Insulated Glass 2 Carp 18 0.22222222 \$1,020.00 \$184.00 4 Ea. \$2,047.20 08 53 13.30-0286 Vinyl Double Hung Windows 36" x 72", Insulated Glass 2 Carp 0.25 \$1,500.00 \$206.00 \$1,706.00 16 Pg 296 Doors Pg 270 4 Ea. 2 Carp 16 0.25 \$1,028.00 \$206.00 \$1,234.00 \$1,480.80 08 14 16.09-0310 Smooth Wood Door, Hollow Core, Oak Face 2 Ea. Pg 269 08 13 13.20-1420 Residential Steel Door, Full Panel, 3' x 6'-8" 2 Carp 0.125 \$582.00 \$110.00 \$692.00 \$830.40 Door Hardware 08 71 20.10-3000 4 Ea. Bolts Flush Brass, 2" long 40 0.1 \$21.00 \$41.40 \$62.40 \$74.88 1 Carp 08 71 20.15-1000 4 Ea. 1 Carp \$2,180.00 \$412.00 \$2,592.00 \$3,110.40 Average Door Hardware, House

			Pre-General Requiremen	nt Costs	
TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Total Equipment Cost	<b>Total Cost</b>	Total Cost w/ 20% O&P
0.847222222	\$6.331.00	\$1.159.40	\$0.00	\$7,490,40	\$8.988.48

**DIVISION 9: FINISHES** 

RS Means								Costs				
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Drywall (ce	eiling and walls)											
Pg 330	09 29 10.30-2050	508	S.F.	5/8" thick, on walls, standard, taped and finished (Ivl 4 finished)	2 Carp	965	0.52642487	\$203.20	\$436.88		\$640.08	\$768.10
Pg 330	09 29 10.30-3050	1049	S.F.	5/8" thick, on ceiling, standard, taped and finished (Ivl 4 finished)	2 Carp	765	1.37124183	\$419.60	\$1,132.92		\$1,552.52	\$1,863.02
Pg 322	09 22 13.13-1000	1285.3	S.F.	Walls, 7/8" hat channels, galvanized 12" OC	1 Lath	235	5.469361702	\$501.27	\$2,197.86		\$2,699.13	\$3,238.96
Pg 329	09 28 13.10-0150	508	S.F.	On wall, 3' x 4' x 5/8" sheets, Backerboard	2 Carp	350	1.451428571	\$472.44	\$1,198.88		\$1,671.32	\$2,005.58
Paint												
Pg 367	09 91 23.72-1280	1793	S.F.	Paint 3 coats, smooth finish, sprayed	1 Pord	850	2.109411765	\$358.60	\$735.13		\$1,093.73	\$1,312.48

			Pre-General Requiremen	nt Costs	
TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Total Equipment Cost	<b>Total Cost</b>	Total Cost w/ 20% O&P
10.92786874	\$1,955.11	\$5,701.67	\$0.00	\$7,656.78	\$9,188.14

**DIVISION 10: Specialties** 

RS Means	3								Costs			
Page #	Division Number	Quantity Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P	
Portable F	ire Extinguishers											
Pg 394	10 44 16.13-2000	1 Ea.	ABC all purpose type, portable 2.5 pound				\$23.50			\$23.50		\$28.20
Pg 388	10 28 13.13-0200	2 Ea.	Curtain Rod	1 Carp	13	0.153846154	\$54.00	\$64.00		\$118.00		\$141.60
Pg 389	10 28 13.13-0800	2 Ea.	Grab bar 18"	1 Carp	24	0.083333333	\$60.00	\$34.40		\$94.40		\$113.28

ln 200	40.00.40.40.0000	ماء	- 1	A4: 40   04	14.0	1 00		1 404.00				4452.00
_	10 28 13.13-3000 10 28 13.13-6400	2 1		Mirror 18" x 24" Towel Rod	1 Carp	20		\$94.00 \$84.00	\$41.00 \$35.90		\$135.00 \$119.90	\$162.00
	10 28 13.13-6400	2 [			1 Carp	23		·				\$143.88
Pg 389	10 28 13.13-6400	4 [	Ea.	Closet Rods	1 Carp	23	0.173913043	\$168.00	\$71.80		\$239.80	\$287.76
										Pre-General Requireme	nt Costs	
							TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost			Total Cost w/ 20% O&P
						DIVISION 11 E	0.598049052	\$483.50	\$247.10	\$0.00	\$730.60	\$876.72
RS Means						DIVISION II E	quipment			Costs		
Pg #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Kitchen	Division Number	Qualitity	Offic	Description	CIEW	Daily Output	Duration	Iviaterial Cost	Labor Cost	Equipment Cost	Total	Total W/ 20% OQF
	11 30 13.15-0020	1 1	Fa	Cooking Range 30" Free Standing	2 Clab	10	0.1	\$470.00	\$65.50	1	\$535.50	\$642.60
	11 30 13.17-2750	1 1		Dishwasher, 2 cycles	2 Clab	Δ	0.25	\$305.00	\$246.00		\$551.00	\$661.20
	11 30 13.16-2000	1 1		Deep Freeze 15 to 23 C.F. Minimum	2 Clab	1	0.25	\$640.00	\$65.50		\$705.50	\$846.60
18 412	11 30 13.10 2000	-1.	Lu.	Deep Freeze 13 to 23 c.i. William	2 Club		0.23	Ç0-10.00	\$03.50		\$703.30	\$040.00
							Pro-	General Requirement (	nsts			
							TOTAL DURATION DAYS			Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
							0.6					\$2,150.40
						DIVISION 12 I		<b>Ψ1,</b> Ψ13.00	<b>4377.00</b>	φο.σο	71,732.00	Ŷ <b>2,13</b> 0.40
RS Means						DIVISION 12 I	- unisites			Costs		
Pg #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Kitchen Cal		Quartity	Offic	Description	CICW	Daily Output	Duration	iviaterial cost	Lubor Cost	Equipment cost	Total	10tul W/ 20% CQ!
	12 32 23.10-0700	2 1	Fa	Kitchen Wall Cabinets 15" high 36" wide	2 Carp	24.8	0.080645161	\$690.00	\$73.00	)	\$763.00	\$915.60
18 133	12 32 23:10 07 00			Michiel Wall Cabillets 13 High 30 Wide	2 carp	21.0	0.000013101	φ030.00	ψ73.00		<b>\$700.00</b>	φ313.00
							Pre-	General Requirement (	nsts			
							TOTAL DURATION DAYS			Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
							0.080645161	\$690.00				\$915.60
						DIVISION 22 P		<b>4000.00</b>	φ/0.00	φ0.00	<b>4</b> 700.00	<b>\$25.00</b>
RS Means										Costs		
RS Means Pg #	Division Number	Quantity	Unit	Description	Crew	Daily Output		Material Cost	Labor Cost	Costs Equipment Cost	Total	Total w/ 20% O&P
RS Means Pg # Lavratories	Division Number	Quantity	Unit	Description	Crew	Daily Output		Material Cost	Labor Cost	Costs Equipment Cost	Total	Total w/ 20% O&P
Pg # Lavratories	Division Number			Description 26" x 20", white		Daily Output	Duration	Material Cost \$1,290.00	Labor Cost			
Pg # Lavratories Pg 516	Division Number	Quantity 2 [	Ea.	·	Crew Q-1 Q-1		Duration 0.303030303				\$1,566.00 \$783.00	\$1,879.20
Pg # Lavratories Pg 516	Division Number 22 41 16.13-7660 22 41 16.16-2000	2 1	Ea.	26" x 20", white	Q-1	6.6	Duration 0.303030303	\$1,290.00	\$276.00		\$1,566.00	
Pg # Lavratories Pg 516 Pg 516 Water Clos	Division Number 22 41 16.13-7660 22 41 16.16-2000	2 1	Ea. Ea.	26" x 20", white	Q-1	6.6	Duration  0.303030303  0.178571429	\$1,290.00	\$276.00		\$1,566.00	\$1,879.20
Pg # Lavratories Pg 516 Pg 516 Water Clos	Division Number  22 41 16.13-7660  22 41 16.16-2000  sets	2 [	Ea. Ea.	26" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl	Q-1 Q-1	6.6	Duration  0.303030303  0.178571429	\$1,290.00 \$645.00	\$276.00 \$138.00		\$1,566.00 \$783.00	\$1,879.20 \$939.60
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs	Division Number  22 41 16.13-7660  22 41 16.16-2000  sets	2 [	Ea. Ea.	26" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl	Q-1 Q-1	6.6	Duration  0.303030303  0.178571429	\$1,290.00 \$645.00 \$810.00	\$276.00 \$138.00		\$1,566.00 \$783.00	\$1,879.20 \$939.60
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs	Division Number 22 41 16.13-7660 22 41 16.16-2000 sets 22 42 13.13-3370 22 41 19.10-0100	2   1   1   2   1	Ea. Ea.	26" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted	Q-1 Q-1	6.6	Duration  0.303030303 0.178571429 0.704225352	\$1,290.00 \$645.00 \$810.00	\$276.00 \$138.00 \$640.00		\$1,566.00 \$783.00 \$1,450.00	\$1,879.20 \$939.60 \$1,740.00
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea	Division Number 22 41 16.13-7660 22 41 16.16-2000 sets 22 42 13.13-3370 22 41 19.10-0100	2   1   1   2   1	Ea. Ea. Ea.	26" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted	Q-1 Q-1	6.6	Duration  0.303030303 0.178571429 0.704225352	\$1,290.00 \$645.00 \$810.00 \$5,600.00	\$276.00 \$138.00 \$640.00 \$454.00	Equipment Cost	\$1,566.00 \$783.00 \$1,450.00	\$1,879.20 \$939.60 \$1,740.00
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea	Division Number 22 41 16.13-7660 22 41 16.16-2000 eets 22 42 13.13-3370 22 41 19.10-0100 ter	2   1   2   1   2   1	Ea. Ea. Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim	Q-1 Q-1 Q-1	6.6	Duration  0.303030303 0.178571429 0.704225352 0.5	\$1,290.00 \$645.00 \$810.00 \$5,600.00	\$276.00 \$138.00 \$640.00 \$454.00	Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea	Division Number 22 41 16.13-7660 22 41 16.16-2000 eets 22 42 13.13-3370 22 41 19.10-0100 ter	2   1   2   1   2   1	Ea. Ea. Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim	Q-1 Q-1 Q-1	6.6	Duration  0.303030303 0.178571429 0.704225352 0.5	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement (	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00	Equipment Cost  Total Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea	Division Number 22 41 16.13-7660 22 41 16.16-2000 eets 22 42 13.13-3370 22 41 19.10-0100 ter	2   1   2   1   2   1	Ea. Ea. Ea.	26" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element	Q-1 Q-1 Q-1	6.6	Duration  0.303030303 0.178571429 0.704225352 0.5 Pre-	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement (	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost	Equipment Cost  Total Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513	Division Number  22 41 16.13-7660  22 41 16.16-2000  sets  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080	2   1   2   1   2   1	Ea. Ea. Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim	Q-1 Q-1 Q-1	6.6	Duration  0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement (	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost	Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea	Division Number  22 41 16.13-7660  22 41 16.16-2000  eets  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080	2   1   2   1   2   1   1   1   1   1	Ea. Ea. Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC	Q-1 Q-1 Q-1 1 Plum	6.6 5.6 2.84	Duration  0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00	Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513	Division Number  22 41 16.13-7660  22 41 16.16-2000  sets  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080	2   1   2   1   2   1   1   1   1   1	Ea. Ea. Ea.	26" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element	Q-1 Q-1 Q-1	6.6	Duration  0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost	Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660  22 41 16.16-2000  sets  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080  Division Number	2   1   2   1   1   1   1   1   1   1	Ea. Ea. Unit	26" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description	Q-1 Q-1 Q-1 1 Plum	6.6 5.6 2.84 4 2	Duration  0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084  Duration	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00	Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660  22 41 16.16-2000  sets  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080  Division Number	2   1   2   1   2   1   1   1   1   1	Ea.  Ea.  Unit  Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register	Q-1 Q-1 Q-1 1 Plum Crew	6.6 5.6 2.84 4 2 Daily Output	Duration  0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084  Duration 0.038461538	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00 Material Cost	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00	Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660  22 41 16.16-2000  32 42 13.13-3370  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080  Division Number  23 37 13.60-1020  23 33 46.10-1910	2   1   2   1   2   1   1   1   1   1	Ea.  Ea.  Unit  Ea.  L.F.	Z6" x 20", white  Kitchen, counter top style, PE on Cl, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register  4" Diameter Flexible Air Duct	Q-1 Q-1 Q-1 1 Plum Crew	Daily Output  26 340	Duration  0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084  Duration 0.038461538 0.294117647	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00 Material Cost	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 Labor Cost \$1,875.00	Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hear Pg 513  RS Means Page #	Division Number  22 41 16.13-7660  22 41 16.16-2000  sets  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080  Division Number  23 37 13.60-1020  23 33 46.10-1910  23 34 23.10-6680	2   1   2   1   2   1   1   1   1   1	Ea.  Ea.  Unit  Ea.  L.F. Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register  4" Diameter Flexible Air Duct  Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM	Q-1 Q-1 Q-1 1 Plum Crew 1-Shee Q-9 Q-20	Daily Output  260 2.84  Daily Output  260 340 24	Duration  0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084  Duration 0.038461538 0.294117647 0.083333333	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00 Material Cost \$28.00 \$2,800.00 \$56.00	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 Labor Cost \$1,875.00 \$37.50	Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hear Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000  22 42 13.13-3370  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080  Division Number  23 37 13.60-1020 23 33 46.10-1910 23 34 23.10-6680 23 34 23.10-6900	Quantity  Quantity  1   1   1   1   1   1   1   1   1   1	Ea.  Ea.  Unit  Ea.  L.F. Ea. Ea.	Z6" x 20", white  Kitchen, counter top style, PE on Cl, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register  4" Diameter Flexible Air Duct  Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM	Q-1 Q-1 Q-1  Q-1  1 Plum  Crew  1-Shee Q-9 Q-20 Q-20	Daily Output  26 340 24 22	Duration  0.303030303 0.178571429 0.704225352 0.5 Pre- TOTAL DURATION DAYS 2.185827084  Duration 0.038461538 0.294117647 0.083333333 0.045454545	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00 Material Cost \$28.00 \$2,800.00 \$56.00 \$28.00	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 Labor Cost \$1,875.00 \$37.50 \$18.75	Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000  22 42 13.13-3370  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080  Division Number  23 37 13.60-1020 23 34 46.10-1910 23 34 23.10-6680 23 34 23.10-6900 23 37 13.30-3000	Quantity  Quantity  1   1   1   1   1   1   1   1   1   1	Ea.  Unit  Ea.  L.F. Ea. Ea. Ea. Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register  4" Diameter Flexible Air Duct  Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM  Filter Grille With Filter, 12"x12"	Q-1 Q-1 Q-1 Q-1 1 Plum  Crew 1-Shee Q-9 Q-20 Q-20 1-Shee	Daily Output  260 2.84  Daily Output  260 340 24	Duration  0.303030303 0.178571429 0.704225352 0.5 Pre- TOTAL DURATION DAYS 2.185827084  Duration 0.038461538 0.294117647 0.083333333 0.045454545	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00 Material Cost \$28.00 \$2,800.00 \$56.00 \$28.00 \$140.00	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 Labor Cost \$1,875.00 \$37.50 \$18.75 \$93.75	Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75 \$233.75	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10 \$280.50
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000  22 42 13.13-3370  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080  Division Number  23 37 13.60-1020 23 33 46.10-1910 23 34 23.10-6680 23 34 23.10-6900	Quantity  Quantity  1   1   1   1   1   1   1   1   1   1	Ea.  Unit  Ea.  L.F. Ea. Ea. Ea. Ea.	Z6" x 20", white  Kitchen, counter top style, PE on Cl, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register  4" Diameter Flexible Air Duct  Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM	Q-1 Q-1 Q-1  Q-1  1 Plum  Crew  1-Shee Q-9 Q-20 Q-20	Daily Output  26 340 24 22	Duration  0.303030303 0.178571429 0.704225352 0.5 Pre- TOTAL DURATION DAYS 2.185827084  Duration 0.038461538 0.294117647 0.083333333 0.045454545	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00 Material Cost \$28.00 \$2,800.00 \$56.00 \$28.00	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 Labor Cost \$1,875.00 \$37.50 \$18.75	Total Equipment Cost \$0.00  Costs Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75 \$233.75 \$4,745.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000  22 42 13.13-3370  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080  Division Number  23 37 13.60-1020 23 34 46.10-1910 23 34 23.10-6680 23 34 23.10-6900 23 37 13.30-3000	Quantity  Quantity  1   1   1   1   1   1   1   1   1   1	Ea.  Unit  Ea.  L.F. Ea. Ea. Ea. Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register  4" Diameter Flexible Air Duct  Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM  Filter Grille With Filter, 12"x12"	Q-1 Q-1 Q-1 Q-1 1 Plum  Crew 1-Shee Q-9 Q-20 Q-20 1-Shee	Daily Output  26 340 24 22	Duration  0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084  Duration 0.038461538 0.294117647 0.083333333 0.045454545 0.208333333 1.1	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement of the state of t	\$276.00 \$138.00 \$454.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 Labor Cost \$1,875.00 \$37.50 \$18.75 \$93.75 \$920.00	Total Equipment Cost \$0.00  Costs Equipment Cost  Pre-General Requireme	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75 \$233.75 \$4,745.00 nt Costs	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10 \$280.50 \$5,694.00
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000  22 42 13.13-3370  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080  Division Number  23 37 13.60-1020 23 34 46.10-1910 23 34 23.10-6680 23 34 23.10-6900 23 37 13.30-3000	Quantity  Quantity  1   1   1   1   1   1   1   1   1   1	Ea.  Unit  Ea.  L.F. Ea. Ea. Ea. Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register  4" Diameter Flexible Air Duct  Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM  Filter Grille With Filter, 12"x12"	Q-1 Q-1 Q-1 Q-1 1 Plum  Crew 1-Shee Q-9 Q-20 Q-20 1-Shee	Daily Output  26 340 24 22	Duration  0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084  Duration 0.038461538 0.294117647 0.083333333 0.045454545 0.2083333333 1 TOTAL DURATION DAYS	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00 Material Cost \$28.00 \$2,800.00 \$28.00 \$140.00 \$3,825.00	\$276.00 \$138.00 \$454.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 \$1,875.00 \$37.50 \$18.75 \$93.75 \$920.00	Total Equipment Cost  Costs Equipment Cost  Pre-General Requireme Total Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75 \$233.75 \$4,745.00 nt Costs	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10 \$280.50 \$5,694.00
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000  22 42 13.13-3370  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080  Division Number  23 37 13.60-1020 23 34 46.10-1910 23 34 23.10-6680 23 34 23.10-6900 23 37 13.30-3000	Quantity  Quantity  1   1   1   1   1   1   1   1   1   1	Ea.  Unit  Ea.  L.F. Ea. Ea. Ea. Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register  4" Diameter Flexible Air Duct  Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM  Filter Grille With Filter, 12"x12"  Air cooled, for freeblow or duct 3 ton cooling	Q-1 Q-1 Q-1 Q-1 1 Plum  Crew 1-Shee Q-9 Q-20 Q-20 1-Shee	Daily Output  26 340 24 22	Duration  0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084  Duration 0.038461538 0.294117647 0.083333333 0.045454545 0.208333333 1.1	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement of the state of t	\$276.00 \$138.00 \$454.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 \$1,875.00 \$37.50 \$18.75 \$93.75 \$920.00	Total Equipment Cost  Costs Equipment Cost  Pre-General Requireme Total Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75 \$233.75 \$4,745.00 nt Costs	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10 \$280.50 \$5,694.00
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660  22 41 16.16-2000  22 42 13.13-3370  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080  Division Number  23 37 13.60-1020  23 34 46.10-1910  23 34 23.10-6680  23 34 23.10-6900  23 37 13.30-3000  23 81 19.20-0200	Quantity  Quantity  1   1   1   1   1   1   1   1   1   1	Ea.  Unit  Ea.  L.F. Ea. Ea. Ea. Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register  4" Diameter Flexible Air Duct  Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM  Filter Grille With Filter, 12"x12"	Q-1 Q-1 Q-1 Q-1 1 Plum  Crew 1-Shee Q-9 Q-20 Q-20 1-Shee	Daily Output  26 340 24 22	Duration  0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084  Duration 0.038461538 0.294117647 0.083333333 0.045454545 0.2083333333 1 TOTAL DURATION DAYS	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00 Material Cost \$28.00 \$2,800.00 \$28.00 \$140.00 \$3,825.00	\$276.00 \$138.00 \$454.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 \$1,875.00 \$37.50 \$18.75 \$93.75 \$920.00	Total Equipment Cost \$0.00  Costs  Equipment Cost  Pre-General Requireme Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75 \$233.75 \$4,745.00 nt Costs	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10 \$280.50 \$5,694.00
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660  22 41 16.16-2000  22 42 13.13-3370  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080  Division Number  23 37 13.60-1020  23 34 46.10-1910  23 34 23.10-6680  23 34 23.10-6900  23 37 13.30-3000  23 81 19.20-0200	Quantity  Quantity  1   1   1   1   1   1   1   1   1   1	Ea.  Ea.  Unit  Ea.  L.F. Ea. Ea. Ea. Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register  4" Diameter Flexible Air Duct  Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM  Filter Grille With Filter, 12"x12"  Air cooled, for freeblow or duct 3 ton cooling	Q-1 Q-1 Q-1 Q-1 1 Plum  Crew 1-Shee Q-9 Q-20 Q-20 1-Shee	Daily Output  26 340 24 22	Duration    0.303030303   0.178571429   0.704225352   0.5   Pre-   TOTAL DURATION DAYS   2.185827084    Duration   0.038461538   0.294117647   0.083333333   0.045454545   0.2083333333   1   TOTAL DURATION DAYS   1.669700398	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00 Material Cost \$28.00 \$2,800.00 \$28.00 \$140.00 \$3,825.00 Total Material Cost \$6,877.00	\$276.00 \$138.00 \$454.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 \$37.50 \$18.75 \$93.75 \$920.00 Total Labor Cost \$2,963.75	Total Equipment Cost  Costs Equipment Cost  Pre-General Requireme Total Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75 \$233.75 \$4,745.00 nt Costs Total Cost \$9,840.75	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10 \$280.50 \$5,694.00

895	50 17 00 0400	1049	SF	Electrical cost per sq ft				\$6,745.07	\$6,752.41		\$13,497.48	\$16,196.98
										Pre-General Requireme	nt Costs	
							TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
							0	\$6,745.07	\$6,752.41	\$0.00	\$13,497.48	\$16,196.98
				DIVISION 31: EARTHWORK	_							
RS Means										Costs		
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
618		17.7	B.C.Y.	Excavating, Trench 1' to 4' deep, 3/8 C.Y. excavator (footing)	B-11c	150	0.118	\$0.00	\$92.93	\$25.31	\$118.24	
628		4.8	L.C.Y.	Backfill, Structural, 80 HP, 50' haul, sand & gravel (footing)	B-10L	1100	0.004363636	\$0.00	\$2.74	\$1.73	\$4.46	-
628	31 23 23.14-2020	9.72	L.C.Y.	Backfill, Structural, 80 HP, 50' haul, common earth	B-10L	975	0.009969231	\$0.00	\$6.22	\$3.99	\$10.21	
618	31 22 16.10-0010	116.55	S.Y.	Fine Grade for Slab on grade, machine	B-11L	1040	0.112067308	\$0.00	\$611.89	\$166.67	\$778.55	
Pg 639	31 31 16.13-0020		SF Flr.	Termite Control Under Slab	1 Skwk	1200	0.874166667		\$377.64		\$723.81	-
Pg 639	31 25 14.16-0020	116.33	SY	Rolled Erosion Control Mats and Blanket, Paper	B-80A	2400	0.048470833	\$20.94	\$46.53		\$67.47	\$80.97
										Pre-General Requireme		
							TOTAL DURATION DAYS		Total Labor Cost	Total Equipment Cost		Total Cost w/ 20% O&P
							1.167037675	\$367.11	\$1,137.94	\$197.69	\$1,702.74	\$2,043.29
	1			DIVISION 32: EXTERIOR IMPROVEMENTS	<u>S</u>		1	_				
RS Means										Costs		
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
	eiling and walls)											
Pg 652	32 06 10.10-0300		S.F.	Concrete, 3000 psi, CIP, 6 x 6 - W1.4 x W1.4 Mesh, Broomed finish 4"		600	0.1578				\$3,242.79	
Pg 652	32 01 13.61-0100	283.05	S.Y	Slurry Seal Asphalt Street Paving	B-45	5000	0.05661	\$356.64	\$45.29	\$45.29	\$447.22	\$536.66
										Pre-General Requireme	nt Costs	

50.87357954

\$100,304.45

TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost Total Cost W/ 20% O&P

TOTAL WITHOUT EXTERIOR WALL SECTIONS

TOTAL DURATION DAYS | Total Material Cost | Total Labor Cost | Total Equipment Cost | TOTAL COST | Price per under the roof Sq Ft.

\$6,774.18

\$162,755.07

**0.21441** \$2,108.22 \$1,536.50 \$45.29 **\$3,690.01** 

\$54,173.59

\$4,428.01

# **LOW ESTIMATE**

	<u>ov</u>	VNER TOTAL WITHOUT EXTERIOR WA	ALL SECTIONS			
Title	Duration Days	Total Material Cost	Total Labor Cost	Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
Division 1: General Requirements	1.5	\$2,800.18	\$690.00	\$1,065.00	\$2,609.40	\$2,609.40
	<u>CONST</u>	RUCTION TOTAL WITHOUT EXTERIO	R WALL SECTIONS			
Title	Duration Days	Total Material Cost	Total Labor Cost	Total Equipment Cost	<b>Total Cost</b>	Total Cost w/ 20% O&P
Division 3: Concrete	2.417416929	\$4,013.34	\$2,506.05	\$132.41	\$6,651.80	\$8,406.16
Division 6: Woods, Plastics, and Composites	4.740716788	\$2,660.09	\$0.00	\$0.00	\$2,660.09	\$7,818.31
Division 7: Thermal and Moisture Protection	6.292604098	\$3,232.47	\$0.00	\$0.00	\$3,232.47	\$7,564.13
Division 8: Openings	0.847222222	\$4,248.00	\$0.00	\$0.00	\$4,248.00	\$5,936.40
Division 9: Finishes	10.92786874	\$1,955.11	\$0.00	\$0.00	\$1,955.11	\$9,188.14
Division 10: Specialties	0	\$23.50	\$0.00	\$0.00	\$23.50	\$28.20
Division 12: Furnishings	0.080645161	\$690.00	\$0.00	\$0.00	\$690.00	\$915.60
Division 22: Plumbing	2.185	\$9,420.00	\$1,761.00	\$0.00	\$11,181.00	\$13,417.20
Division 23: HVAC	1.6657	\$6,877.00	\$2,963.75	\$0.00	\$9,840.75	\$11,808.90
Division 26: Electrical	3	\$10,797.98	\$2,699.50	\$0.00	\$13,497.48	\$16,196.98
Division 31: Earthwork	0.244	\$0.00	\$713.77	\$197.69	\$911.46	\$1,093.75
Division 32: Exterior Improvements	0.21441	\$2,108.22	\$1,536.50	\$45.29	\$3,690.01	\$4,428.01
SLENDERWALL	17.63208139	\$53,747.87	\$22,337.65	\$5,333.79	\$81,419.30	\$97,703.16

\$102,573.77

Total Material Cost

34.11558394

TOTAL WITHOUT EXTERIOR WALL SECTIONS

\$35,208.21

\$6,774.18

\$142,610.37

TOTAL COST | Price per under the roof Sq Ft.

\$119.34

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CHANGES MADE	
3 1/2" Thick Wall Insulation R-11	TOTAL DURATION DAYS
6 1/4" Roof Batt Insulation R-20	34.11558394
Asphalt roof shingles, 25 year, class A	
#15 felt underlayment	
Polyethylene Vapor Barrier 2 mil	
Aluminum, .020" thick 2" x 3" Downspout	
Vinyl Single Hung Windows 24" x 48", Insulated Glass	
Vinyl Single Hung Windows 37" x 65", Insulated Glass	
Residential Steel Door, Full Panel, 3' x 6'-8"	
1/4" thick, on walls or ceilings, standard, no finish	
Drywall Latex primer and sealer coat, sprayed smooth	
Deep Freeze 15 to 23 C.F. Minimum	

RS Means	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Costs				
Page #								Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Slender W	all System											
Pg 242	03 45 13.50-0150	1285.25	S.F.	Precast wall panels, low rise 8'x8'x4" thick (2")	C-11	576	2.231336806	\$39,842.75	\$9,189.54	\$5,063.89	\$54,096.17	\$64,915.41
Pg 229	07 21 29.10-0320	1285.25	S.F.	Closed cell, spray polyurethane foam, 2" thick	G-2A	3000	0.428416667	\$1,362.37	\$424.13	\$269.90	\$2,056.40	\$2,467.68
Pg 145	06 11 10.40-6145	1285.25	LF	8' high walls, 16 ga x 6" wide, studs 24" OC	2 Carp	88	14.60511364	\$12,338.40	\$12,402.66		\$24,741.06	\$29,689.28
Pg 72	03 22 11.10-0100	12.8525	C.S.F	6x6 W1.4 x W1.4 (10x10) 21lbs/ C.S.F.	2 Rodman	35	0.367214286	\$204.35	\$321.31		\$525.67	\$630.80

 Pre-General Requirement Costs

 TOTAL DURATION DAYS
 Total Material Cost
 Total Labor Cost
 Total Equipment Cost
 Total Cost
 Total Cost w/ 20% O&P

 17.63208139
 \$53,747.87
 \$22,337.65
 \$5,333.79
 \$81,419.30
 \$97,703.

**DIVISION 1: GENERAL REQUIREMENTS** 

RS Means									Costs		
Page #	Division Number	Quantity Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
General Re	equirements										
Pg 12	01 21 63.10-0020	7% % of Job	Mississippi Sales Tax on Materials				\$280.93				
Pg 12	01 31 13.30-0020	0.24% % of Job	Builders Risk Minimum							\$382.85	\$459.42
Pg 14	01 41 26.50-0020	0.50% % of Job	Permit Requirements							\$797.60	\$957.12
Pg 15	01 45 23.50-0600	1 Ea	Concrete Testing							\$136.00	\$163.20
Pg 15	01 45 23.50-4200	1 Ea	Reinforcing Steel bend and tensile test							\$55.00	\$66.00
Pg 15	01 45 23.50-4400	1 Ea	Soil Testing							\$59.00	\$70.80
Pg 15	01 54 19.50-0100	1.5 Day	12-Ton Crane Truck mounted	A-3H	1	1.5	5	\$690.00	\$1,065.00	\$1,755.00	\$2,106.00

TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost Total Cost Total Cost W/ 20% O&P

1.5 \$280.93 \$690.00 \$1,065.00 \$3,185.45 \$3,822.54

**DIVISION 3: CONCRETE** 

RS Means										Costs		
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Main Slab,	/Footers											
Pg 80	03 31 13.35-0300	19.19	C.Y.	4000 PSI Structural Concrete for 5" concrete slab				\$2,456.32			\$2,456.32	\$2,947.58
Pg 71	03 21 11.60-0500	1.275	Tons	#3 Rebar	4 Rodman	2.1	0.607142857	\$1,306.88	\$1,064.63		\$2,371.50	\$2,845.80
Pg 72	03 22 11.10-0100	12.85	C.S.F	6x6 W1.4 x W1.4 (10x10) 21lbs/ C.S.F.	2 Rodman	35	0.914285714	\$204.32	\$321.25		\$525.57	\$630.68
Pg 55	03 11 13.45-0020	20.1	S.F.C.A	Concrete Slad, Formwork 4 Use	C-1	375	0.0536	\$45.83	\$64.92		\$464.09	\$556.91
Pg 82	03 35 13.30-0150	1285.33	S.F.	Bull float, manual float & broom finish, includes edging and joints	C-10	1850	0.694772973		\$642.67		\$642.67	\$771.20
Pg 80	03 31 13.35-4350	19.19	C.Y.	Slab on grade under 6" thick, pumped	C-20	130	0.147615385		\$412.59	\$132.41	\$545.00	\$654.00

 Pre-General Requirement Costs

 TOTAL DURATION DAYS
 Total Material Cost
 Total Labor Cost
 Total Equipment Cost
 Total Cost
 Total Cost w/ 20% O&P

 2.417416929
 \$4,013.34
 \$2,506.05
 \$132.41
 \$7,005.14
 \$8,406.16

**DIVISION 6: Wood, Plastics, and Composites** 

RS Means										Costs		
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Interior Sy	stem											
Pg 187	06 11 10.40-6145	0.508	M.B.F.	Studs, 8' High Wall, 2" x 4", pneumatic nailed	2 Carp	1.1	0.461818182	\$327.66			\$327.66	\$393.19
Pg 187	06 11 10.40-6025	1.016	M.B.F.	Plates, 2" x 4", pneumatic nailed	2 Carp	0.67	1.51641791	\$655.32			\$655.32	\$786.38
Pg 192	06 16 36.10-4610	1011.33	S.F.	Plywood, On walls, 7/16" Thick	2 Carp	1200	0.842775	\$475.33			\$475.33	\$570.39
<b>Roof Syste</b>	m											
Pg 186	06 11 10.30-6070	0.148	M.B.F.	Fascia Boards, 2" x 8"	2 Carp	0.3	0.493333333	\$108.04			\$108.04	\$129.65
Pg 186	06 11 10.30-7300	0.282006	M.B.F.	Hip and Valley Rafters 2" x 6"	2 Carp	0.6	0.47001	\$203.04			\$203.04	\$243.65
Pg 186	06 11 10.30-7000	0.282006	M.B.F.	Rafters, 4 to 12 pitch, 2" x 6"	2 Carp	1.26	0.223814286	\$203.04			\$203.04	\$243.65
Pg 189	06 13 23.10-0230	0.05	M.B.F.	5" x 5" Columns	2 Carp	0.65	0.076923077	\$68.75			\$68.75	\$82.50
Pg 192	06 16 36.10-0030	1049	S.F	Plywood on roofs, CDX, 5/16" thick	2 Carp	1600	0.655625	\$618.91			\$618.91	\$742.69

TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost Total Cost

							4.7407168	\$2,660.09	\$0.00	\$0.00	\$2,660.09	\$3,192.11
					DIVISION 7 T	HERMAL AND N	OISTURE PROTECTION					
RS Means										Costs		
Pg #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Insulation												
_	07 21 16.20-0020	1011.33		3 1/2" Thick Wall Insulation R-11	1 Carp	1350	0.749133333	\$303.40			\$303.40	\$364.08
	07 21 16.20-0838	1049	S.F.	6 1/4" Roof Batt Insulation R-20	1 Carp	1150	0.912173913	\$639.89			\$639.89	\$767.87
Shingles			_		1	_			T	1	1 +	4004.47
_	07 31 13.10-0150	10.49		Asphalt roof shingles, 25 year, class A	1 Rofc	5	2.098				\$828.71	\$994.45
Pg 233	07 31 13.10-0825	10.49	-	#15 felt underlayment	1 Rofc	58	0.180862069	\$56.65			\$56.65	\$67.98
Pg. 226 Soffit	07 26 10.10-0900	10.49	oq.	Polyethylene Vapor Barrier 2 mil	1 Carp	37	0.011	\$16.36	1		\$16.36	\$19.64
	07 46 73.10-0300	148	S E	Polyvinyl cholride, white, solid, perforated, soffit	1 Carp	230	0.643478261	\$324.12			\$324.12	\$388.94
	07 71 23.10-8200	16 1		Aluminum, .020" thick 2" x 3" Downspout	1 Shee	210	0.043478201				\$14.88	\$17.86
	07 71 23.20-1300	2 6		Aluminum Elbows, 2" x 3" .020" thick	1 Shee	100	0.02	\$1.86			\$1.86	\$2.23
	07 71 23.30-3000	148 [		Vinyl, O.G., 4" wide	1 Carp	115	1.286956522	\$201.28			\$201.28	\$241.54
. 8				, , e.e.,	_ op			, , , , , , , , , , , , , , , , , , ,			<del>-</del>	<b>+</b> 2.2.0
							Pre-	-General Requirement	Costs			
							TOTAL DURATION DAYS			Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
							6.281604098	\$2,387.15	\$0.00	\$0.00		\$2,864.58
						<b>DIVISION 8 O</b>	PENINGS					
RS Means									_	Costs	_	
Pg #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Windows												
_	08 53 13.30-0140	4 E		Vinyl Single Hung Windows 24" x 48", Insulated Glass	2 Carp	18	0.22222222	\$856.00			\$856.00	\$1,027.20
	08 53 13.30-0286	4 [	Ea.	Vinyl Single Hung Windows 37" x 65", Insulated Glass	2 Carp	16	0.25	\$1,200.00			\$1,200.00	\$1,440.00
Doors			_		To a	T			T	I	1 4, 222 22	41.000.00
	08 14 16.09-0310	4 6		Smooth Wood Door, Hollow Core, Oak Face	2 Carp	16	0.25				\$1,028.00	\$1,233.60
	08 13 13.20-1420	2 [	ta.	Residential Steel Door, Full Panel, 3' x 6'-8"	2 Carp	16	0.125	\$582.00			\$582.00	\$698.40
Door Hardy	08 71 20.10-3000	1 4/г	T-0	Polts Flush Press 2" long	1 Corn	40	0.1	\$21.00	,T		\$21.00	\$25.20
_	08 71 20.15-1000	4 6		Bolts Flush Brass, 2" long Average Door Hardware, House	1 Carp 1 Carp	40	0.1	\$2,180.00			\$2,180.00	\$2,616.00
F g 233	08 71 20.15-1000	4 1	La.	Average book flatuware, flouse	1 Carp	4		. 72,180.00			\$2,180.00	\$2,010.00
										Pre-General Requireme	ent Costs	
							TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost			Total Cost w/ 20% O&P
							0.847222222					\$7,040.40
						<b>DIVISION 9: F</b>	INISHES					
RS Means										Costs		
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
	iling and walls)											
	09 29 10.30-0110	508 5		1/4" thick, on walls or ceilings, standard, no finish	2 Carp	965	0.52642487	\$203.20			\$203.20	\$243.84
_	09 29 10.30-3050	1049		1/4" thick, on walls or ceilings, standard, no finish	2 Carp	765	1.37124183	\$419.60	)		\$419.60	\$503.52
	09 22 13.13-1000	1285.3		Walls, 7/8" hat channels, galvanized 12" OC	1 Lath	235	5.469361702	\$501.27			\$501.27	\$601.52
	09 28 13.10-0150	508	S.F.	On wall, 3' x 4' x 5/8" sheets, Backerboard	2 Carp	350	1.451428571	\$472.44			\$472.44	\$566.93
Paint		.=1			1				1	1	1 4.22 -2	****
Pg 367	09 91 23.72-0280	1793	s.F.	Drywall Latex primer and sealer coat, sprayed smooth	1 Pord	850	2.109411765	\$107.58			\$107.58	\$129.10
										Dro Conord Damiro	ant Coots	
							TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Pre-General Requireme		Total Cost w/ 20% O&P
							10.92786874					\$2,044.90
						DIVISION 10: S		Ş1,704.09	ŞU.UU	ŞU.UC	71,704.03	\$2,044.50

					DIVISION 10: S	pecialties					
RS Means									Costs		
Page #	Division Number	Quantity Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Portable F	ire Extinguishers										
Pg 394	10 44 16.13-2000	1 Ea.	ABC all purpose type, portable 2.5 pound				\$23.50			\$23.50	\$28.2
Pg 388	10 28 13.13-0200	2 Ea.	Curtain Rod	1 Carp	13	0.153846154	\$54.00			\$54.00	\$64.8
Pg 389	10 28 13.13-0800	2 Ea.	Grab bar 18"	1 Carp	24	0.083333333	\$60.00			\$60.00	\$72.0
Pg 389	10 28 13.13-3000	2 Ea.	Mirror 18" x 24"	1 Carp	20	0.1	\$94.00			\$94.00	\$112.8

Pg 389	10 28 13.13-6400	2 Ea.		Towel Rod	1 Carp	23	0.086956522	\$84.00			\$84.00	\$100.80
Pg 389	10 28 13.13-6400	4 Ea.		Closet Rods	1 Carp	23	0.173913043	\$168.00			\$168.00	\$201.60
										Pre-General Requireme		
							TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
							0.598049052	\$483.50	\$0.00	\$0.00	\$483.50	\$580.20
						DIVISION 11 E	quipment					
RS Means										Costs		
Pg #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Kitchen		.1=				1	1		T	1	1	4-2-2-2
	11 30 13.15-0020	1 Ea.		Cooking Range 30" Free Standing	2 Clab	10	0.1				\$470.00	\$564.00
_	11 30 13.17-2750	1 Ea.		Dishwasher, 2 cycles	2 Clab	4	0.25	\$305.00			\$305.00	\$366.00
Pg 412	11 30 13.16-2000	1 Ea.	•	Deep Freeze 15 to 23 C.F. Minimum	2 Clab	4	0.25	\$640.00			\$640.00	\$768.00
							Pro	General Requirement	Costs			
							TOTAL DURATION DAYS			Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
							0.6					\$1,698.00
						DIVISION 12		71,413.00	\$0.00	<b>γ</b> 0.00	71,413.00	\$1,050.00
RS Means										Costs		
Pg#	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Kitchen Cab	oinets	,		· ·								·
Pg 439	12 32 23.10-0700	2 Ea.		Kitchen Wall Cabinets 15" high 36" wide	2 Carp	24.8	0.080645161	\$690.00			\$690.00	\$828.00
-		•				•	•	•	•		•	
							Pre-	General Requirement	Costs			
							TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
							0.080645161	\$690.00	\$0.00	\$0.00	\$690.00	\$828.00
						DIVISION 22 P	LUMBING					
RS Means									I	Costs	T	
_	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Lavratories					To 4			4, 200 20	10-000		4. 700.00	4, 272 22
_	22 41 16.13-7660	2 Ea. 1 Ea.		26" x 20", white	Q-1	6.6	0.303030303	\$1,290.00	\$276.00		\$1,566.00	\$1,879.20
	22 41 16.16-2000	I I Ea.	•	Kitchen, counter top style, PE on Cl, 24"x21" Single Bowl	Q-1	5.6	0.178571429	\$645.00	\$138.00		\$783.00	\$939.60
Water Close	22 42 13.13-3370	2 Ea.	Т	Water Closet, Floor mounted	Q-1	2.84	0.704225352	\$810.00	\$640.00		\$1,450.00	\$1,740.00
Pg 518 Z	22 42 13.13-3370	Z La.	•	water closet, Floor mounted	Q-1	2.04	0.704223332	\$610.00	\$040.00		\$1,430.00	\$1,740.00
	22 41 19.10-0100	2 Ea.		Tubs, recessed porcelain enamel on cast iron, with trim	Q-1		0.5	\$5,600.00	\$454.00		\$6,054.00	\$7,264.80
Water Heat		2   2		rubb, recessed porceium chamer on east non, with thin	Q I	7	0.3	\$5,000.00	Ç454.00		\$0,054.00	\$7,204.00
	22 33 30.13-1080	1 Ea.	. Т	Residential, electric, 40 gallon, Double element	1 Plum	2	0.5	\$1,075.00	\$253.00		\$1,328.00	\$1,593.60
								General Requirement				
							TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
							2.185827084	\$9,420.00	\$1,761.00	\$0.00	\$11,181.00	\$13,417.20
						DIVISION 23	B: HVAC					
RS Means										Costs		
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
1.	22 27 42 60 4020	415		Oller All Add Court Dead of	la China		0.000464550	420.00	1 010 ==			ÅEC. 15
	23 37 13.60-1020	1 Ea.		8"x4" Air Supply Register	1-Shee	26	0.038461538	\$28.00	\$18.75		\$46.75	
	23 33 46.10-1910	100 L.F		4" Diameter Flexible Air Duct	Q-9	340	0.294117647	\$2,800.00	\$1,875.00		\$4,675.00	
	23 34 23.10-6680 23 34 23.10-6900	2 Ea. 1 Ea.		Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM	Q-20 Q-20	24	0.083333333 0.045454545	\$56.00 \$28.00	\$37.50 \$18.75		\$93.50 \$46.75	
	23 34 23.10-6900	5 Ea.		Filter Grille With Filter, 12"x12"	1-Shee	24	0.208333333	\$28.00	\$18.75		\$46.75	
	23 81 19.20-0200	1 Ea.		Air cooled, for freeblow or duct 3 ton cooling	Q-5	24	0.20833333	\$140.00	\$93.75		\$233.75	
4	23 01 13.20-0200	I Ld.	•	All cooled, for freezhow of duct 3 toff cooling	43		1	,3,623.00	\$520.00	Pre-General Requireme		\$3,034.00
							TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost			Total Cost w/ 20% O&P
							1.669700398	\$6,877.00				
						DIVISION 26: E		Ţ0,077.00	Ţ=,300.13	φ3.00	Ţ5,0 .0.7 <b>3</b>	φ±1,000.30
RS Means										Costs		
	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P

895	50 17 00 0400	1049	SF	Electrical cost per sq ft				\$6,745.07	\$6,752.41		\$13,497.48	\$16,196.98
	•	•	•		•	•	•	•	•		•	
										Pre-General Requireme	nt Costs	
							TOTAL DURATION DAYS	Total Material Cost	<b>Total Labor Cost</b>	Total Equipment Cost	<b>Total Cost</b>	Total Cost w/ 20% O&P
							0	\$6,745.07	\$6,752.41	\$0.00	\$13,497.48	\$16,196.98
					1	DIVISION 31: EA	ARTHWORK					
RS Means										Costs		
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
618	31 23 16.13-0050	17.7	B.C.Y.	Excavating, Trench 1' to 4' deep, 3/8 C.Y. excavator (footing)	B-11c	150	0.118	\$0.00	\$92.93	\$25.31	\$118.24	\$141.88
628	31 23 23.14-2000	4.8	L.C.Y.	Backfill, Structural, 80 HP, 50' haul, sand & gravel (footing)	B-10L	1100	0.004363636	\$0.00	\$2.74	\$1.73	\$4.46	\$5.36
628	31 23 23.14-2020	9.72	L.C.Y.	Backfill, Structural, 80 HP, 50' haul, common earth	B-10L	975	0.009969231	\$0.00	\$6.22	\$3.99	\$10.21	\$12.25
618	31 22 16.10-0010	116.55	S.Y.	Fine Grade for Slab on grade, machine	B-11L	1040	0.112067308	\$0.00	\$611.89	\$166.67	\$778.55	\$934.26
Pg 639	31 31 16.13-0020	1049	SF Flr.	Termite Control Under Slab	1 Skwk	1200	0.874166667	\$346.17	\$377.64		\$723.81	\$868.57
Pg 639	31 25 14.16-0020	116.33	SY	Rolled Erosion Control Mats and Blanket, Paper	B-80A	2400	0.048470833	\$20.94	\$46.53		\$67.47	\$80.97
	<u> </u>											
										Pre-General Requireme	nt Costs	

B-45

RS Means

Drywall (ceiling and walls) Pg 652 32 06 10.10-0300

Page # Division Number | Quantity | Unit

32 01 13.61-0100

789 S.F.

283.05 S.Y

Slurry Seal Asphalt Street Paving

1.167037675

0.05661

	DIVISIO	N 32: EXTERIOR	IMPROVEMENTS						
						Costs			
Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P	
Concrete, 3000 psi, CIP, 6 x 6 - W1.4 x W1.4 Mesh, Broomed finish 4"	B-24	600	0.1578	\$1,751.58	\$1,491.21		\$3,242.79		\$3,891.35

\$1,137.94

TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost Total Cost

\$367.11

\$356.64

Pre-General Requirement Costs TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost Total Cost Total Cost w/ 20% O&P \$1,536.50 \$3,690.01 0.21441 \$2,108.22 \$45.29 \$4,428.01

Total Cost w/ 20% O&P

\$2,043.29

\$536.66

\$1,702.74

\$447.22

\$197.69

\$45.29

**TOTAL WITHOUT EXTERIOR WALL SECTIONS** TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost TOTAL COST Price per under the roof Sq Ft. 33.23049815 \$98,766.37 \$39,685.29 \$6,774.18 \$145,225.85 \$138.44

# **MIDDLE ESTIMATE**

	OWNER TOTAL WITHOUT EXTERIOR WALL SECTIONS  Duration Days Total Material Cost Total Labor Cost Total Fquipment Cost Total Cost w/ 20% O&P												
Title	Duration Days	Total Material Cost	Total Labor Cost	Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P							
Division 1: General Requirements	1.5	\$2,800.18	\$690.00	\$1,065.00	\$2,609.40	\$2,609.40							
	<u>CONST</u>	RUCTION TOTAL WITHOUT EXTERIO	R WALL SECTIONS										
Title	Duration Days	Total Material Cost	Total Labor Cost	Total Equipment Cost	<b>Total Cost</b>	Total Cost w/ 20% O&P							
Division 3: Concrete	2.417416929	\$4,013.34	\$2,506.05	\$132.41	\$7,005.14	\$8,406.16							
Division 6: Woods, Plastics, and Composites	4.740716788	\$2,660.09	\$0.00	\$0.00	\$6,515.25	\$7,818.31							
Division 7: Thermal and Moisture Protection	6.292604098	\$3,232.47	\$0.00	\$0.00	\$4,790.23	\$7,564.13							
Division 8: Openings	0.847222222	\$4,248.00	\$0.00	\$0.00	\$7,026.40	\$5,936.40							
Division 9: Finishes	10.92786874	\$1,955.11	\$0.00	\$0.00	\$6,299.26	\$9,188.14							
Division 10: Specialties	0	\$23.50	\$0.00	\$0.00	\$23.50	\$28.20							
Division 12: Furnishings	0.080645161	\$690.00	\$73.00	\$0.00	\$763.00	\$915.60							
Division 22: Plumbing	2.185	\$9,420.00	\$1,761.00	\$0.00	\$11,181.00	\$13,417.20							
Division 23: HVAC	1.6657	\$6,877.00	\$2,963.75	\$0.00	\$9,840.75	\$11,808.90							
Division 26: Electrical	3	\$10,797.98	\$2,699.50	\$0.00	\$13,497.48	\$16,196.98							
Division 31: Earthwork	0.244	\$0.00	\$713.77	\$197.69	\$911.46	\$1,093.75							
Division 32: Exterior Improvements	0.21441	\$2,108.22	\$1,536.50	\$45.29	\$3,690.01	\$4,428.01							
SLENDERWALL	17.63208139	\$53,747.87	\$22,337.65	\$5,333.79	\$81,419.30	\$97,703.16							

	<u>TOTAL</u> '	WITHOUT EXTERIOR	R WALL SECTIONS		
TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Total Equipment Cost	TOTAL COST	Price per under the roof Sq Ft.
50.87357954	\$100,304.45	\$39,685.29	\$6,774.18	\$156,584.80	\$131.03

RS Means	Division Number	Quantity U	it Description	Crew	Daily Output	Duration	Costs				
Page #							Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Slender V	/all System										
Pg 242	03 45 13.50-0150	1285.25 S.F.	Precast wall panels, low rise 8'x8'x4" thick (2")	C-11	576	2.231336806	\$39,842.75	\$9,189.54	\$5,063.89	\$54,096.17	\$64,915.41
Pg 229	07 21 29.10-0320	1285.25 S.F.	Closed cell, spray polyurethane foam, 2" thick	G-2A	3000	0.428416667	\$1,362.37	\$424.13	\$269.90	\$2,056.40	\$2,467.68
Pg 145	06 11 10.40-6145	1285.25 LF	8' high walls, 16 ga x 6" wide, studs 24" OC	2 Carp	88	14.60511364	\$12,338.40	\$12,402.66		\$24,741.06	\$29,689.28
Pg 72	03 22 11.10-0100	12.8525 C.S.F	6x6 W1.4 x W1.4 (10x10) 21lbs/ C.S.F.	2 Rodman	35	0.367214286	\$204.35	\$321.31		\$525.67	\$630.80

 Pre-General Requirement Costs

 TOTAL DURATION DAYS
 Total Material Cost
 Total Labor Cost
 Total Equipment Cost
 Total Cost
 Total Cost w/ 20% O&P

 17.63208139
 \$53,747.87
 \$22,337.65
 \$5,333.79
 \$81,419.30
 \$97,703.16

#### **DIVISION 1: GENERAL REQUIREMENTS**

RS Means									Costs		
Page #	Division Number	Quantity Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
General Re	equirements										
Pg 12	01 21 63.10-0020	7% % of Job	Mississippi Sales Tax on Materials				\$280.93				
Pg 12	01 31 13.30-0020	0.24% % of Job	Builders Risk Minimum							\$382.85	\$459.42
Pg 14	01 41 26.50-0020	0.50% % of Job	Permit Requirements							\$797.60	\$957.12
Pg 15	01 45 23.50-0600	1 Ea	Concrete Testing							\$136.00	\$163.20
Pg 15	01 45 23.50-4200	1 Ea	Reinforcing Steel bend and tensile test							\$55.00	\$66.00
Pg 15	01 45 23.50-4400	1 Ea	Soil Testing							\$59.00	\$70.80
Pg 15	01 54 19.50-0100	1.5 Day	12-Ton Crane Truck mounted	A-3H	1	1.5	5	\$690.00	\$1,065.00	\$1,755.00	\$2,106.00

Pre-General Requirement Costs

TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost Total Cost Total Cost W/ 20% O&P

1.5 \$280.93 \$690.00 \$1,065.00 \$3,185.45 \$3,822.54

#### **DIVISION 3: CONCRETE**

RS Means									Costs		
Page #	Division Number	Quantity Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Main Slab,	Footers										
Pg 80	03 31 13.35-0300	19.19 C.Y.	4000 PSI Structural Concrete for 5" concrete slab				\$2,456.32			\$2,456.32	\$2,947.58
Pg 71	03 21 11.60-0500	1.275 Tons	#3 Rebar	4 Rodman	2.1	0.607142857	\$1,306.88	\$1,064.63		\$2,371.50	\$2,845.80
Pg 72	03 22 11.10-0100	12.85 C.S.F	6x6 W1.4 x W1.4 (10x10) 21lbs/ C.S.F.	2 Rodman	35	0.914285714	\$204.32	\$321.25		\$525.57	\$630.68
Pg 55	03 11 13.45-0020	20.1 S.F.C.A	Concrete Slad, Formwork 4 Use	C-1	375	0.0536	\$45.83	\$64.92		\$464.09	\$556.91
Pg 82	03 35 13.30-0150	1285.33 S.F.	Bull float, manual float & broom finish, includes edging and joints	C-10	1850	0.694772973		\$642.67		\$642.67	\$771.20
Pg 80	03 31 13.35-4350	19.19 C.Y.	Slab on grade under 6" thick, pumped	C-20	130	0.147615385		\$412.59	\$132.41	\$545.00	\$654.00

 Pre-General Requirement Costs

 TOTAL DURATION DAYS
 Total Material Cost
 Total Labor Cost
 Total Equipment Cost
 Total Cost
 Total Cost w/ 20% O&P

 2.417416929
 \$4,013.34
 \$2,506.05
 \$132.41
 \$7,005.14
 \$8,406.16

#### **DIVISION 6: Wood, Plastics, and Composites**

	Means Costs												
RS Means										Costs			
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P	
Interior Sy	stem												
Pg 187	06 11 10.40-6145	0.508	M.B.F.	Studs, 8' High Wall, 2" x 4", pneumatic nailed	2 Carp	1.1	0.461818182	\$327.66			\$327.66	\$393.19	
Pg 187	06 11 10.40-6025	1.016	M.B.F.	Plates, 2" x 4", pneumatic nailed	2 Carp	0.67	1.51641791	\$655.32			\$655.32	\$786.38	
Pg 192	06 16 36.10-4610	1011.33	S.F.	Plywood, On walls, 7/16" Thick	2 Carp	1200	0.842775	\$475.33			\$475.33	\$570.39	
<b>Roof Syste</b>	m												
Pg 186	06 11 10.30-6070	0.148	M.B.F.	Fascia Boards, 2" x 8"	2 Carp	0.3	0.493333333	\$108.04			\$108.04	\$129.65	
Pg 186	06 11 10.30-7300	0.282006	M.B.F.	Hip and Valley Rafters 2" x 6"	2 Carp	0.6	0.47001	\$203.04			\$203.04	\$243.65	
Pg 186	06 11 10.30-7000	0.282006	M.B.F.	Rafters, 4 to 12 pitch, 2" x 6"	2 Carp	1.26	0.223814286	\$203.04			\$203.04	\$243.65	
Pg 189	06 13 23.10-0230	0.05	M.B.F.	5" x 5" Columns	2 Carp	0.65	0.076923077	\$68.75			\$68.75	\$82.50	
Pg 192	06 16 36.10-0030	1049	S.F	Plywood on roofs, CDX, 5/16" thick	2 Carp	1600	0.655625	\$618.91			\$618.91	\$742.69	

TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost Total Cost Total Cost Total Cost Total Cost Total Cost W/ 20% O&P

								40.000.00	40.00	40.00	40 000 00	<b>*</b> 0.400.44
							4.7407168	\$2,660.09	\$0.00	\$0.00	\$2,660.09	\$3,192.11
				[	DIVISION 7 T	HERMAL AND N	IOISTURE PROTECTION					
RS Means										Costs		
Pg #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Insulation												
Pg 227	07 21 16.20-0020	1011.33	S.F.	3.5" Wall Batt Insulation	1 Carp	1350	0.749133333	\$303.40			\$616.91	\$740.29
Pg 227	07 21 16.20-0838	1049	S.F.	6" Roof Batt Insulation	1 Carp	1150	0.912173913	\$639.89			\$1,017.53	\$1,221.04
Shingles												
Pg 233	07 31 13.10-0150	10.49	Sq.	Asphalt roof shingles, 30 year, class A	1 Rofc	5	2.098	\$1,007.04			\$1,762.32	\$2,114.78

1 Rofc

Pg. 22	07 21 13.10-2120	1049	S.F.	Expanded Polystyrene 2" thick	1 Carp	730	0.011	\$566.46	\$1,164.39	\$1,397.27
Pg. 22	07 26 10.10-0900	10.49	Sq.	Polyethylene Vapor Barrier 6 mil	1 Carp	37	0.011	\$40.60	\$157.56	\$189.07
Soffit										
Pg 242	07 46 73.10-0300	148	S.F	Polyvinyl cholride, white, solid, perforated, soffit	1 Carp	230	0.643478261	\$324.12	\$324.12	\$388.94
Pg 252	07 71 23.10-8200	16	L.F.	Aluminum, .020" thick 2" x 3" Downspout	1 Shee	210	0.38	\$14.88	\$14.88	\$17.86
Pg 253	07 71 23.20-1300	2	Ea.	Aluminum Elbows, 2" x 3" .020" thick	1 Shee	100	0.02	\$1.86	\$1.86	\$2.23
Pg 253	07 71 23.30-3000	148	L.f.	Vinyl, O.G., 4" wide	1 Carp	115	1.286956522	\$201.28	\$201.28	\$241.54
-	•			•	•		•		,	•

Pre-General Requirement Costs

TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost Total Cost Total Cost W/ 20% O&P
6.292604098 \$3,210.20 \$0.00 \$0.00 \$5,436.56 \$6,523.83

DIVISION 8 OPENINGS

\$175.71

\$210.85

\$110.67

0.180862069

RS Means										Costs		
Pg #	Division Number	Quantity (	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Windows												
Pg 296	08 53 13.30-0140	4 Ea.		Vinyl Double Hung Windows 24" x 48", Insulated Glass	2 Carp	18	0.22222222	\$1,020.00			\$1,204.00	\$1,444.80
Pg 296	08 53 13.30-0286	4 Ea.		Vinyl Double Hung Windows 36" x 72", Insulated Glass	2 Carp	16	0.25	\$1,500.00			\$1,706.00	\$2,047.20
Doors												
Pg 270	08 14 16.09-0310	4 Ea.		Smooth Wood Door, Hollow Core, Oak Face	2 Carp	16	0.25	\$1,028.00			\$1,028.00	\$1,233.60
Pg 269	08 13 13.20-1420	2 Ea.		Residential Steel Door, Full Panel, 3' x 6'-8"	2 Carp	16	0.125	\$582.00			\$582.00	\$698.40
Door Hard	ware											
Pg 299	08 71 20.10-3000	4 Ea.		Bolts Flush Brass, 2" long	1 Carp	40	0.1	\$21.00			\$21.00	\$25.20
Pg 299	08 71 20.15-1000	4 Ea.		Average Door Hardware, House	1 Carp	4	1	\$2,180.00			\$2,180.00	\$2,616.00

TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost Total Cost Total Cost W/ 20% O&P

0.84722222 \$6,331.00 \$0.00 \$0.00 \$6,721.00 \$8,065.20

**DIVISION 9: FINISHES** 

#30 felt underlayment

07 31 13.10-0825

10.49 Sq.

RS Means								Costs					
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P	
Drywall (ceiling and walls)													
Pg 330	09 29 10.30-2050	508	S.F.	5/8" thick, on walls, standard, taped and finished (Ivl 4 finished)	2 Carp	965	0.52642487	\$203.20	)		\$640.08	\$768.10	
Pg 330	09 29 10.30-3050	1049	S.F.	5/8" thick, on ceiling, standard, taped and finished (Ivl 4 finished)	2 Carp	765	1.37124183	\$419.60			\$1,552.52	\$1,863.02	
Pg 322	09 22 13.13-1000	1285.3	S.F.	Walls, 7/8" hat channels, galvanized 12" OC	1 Lath	235	5.469361702	\$501.2	7		\$2,699.13	\$3,238.96	
Pg 329	09 28 13.10-0150	508	S.F.	On wall, 3' x 4' x 5/8" sheets, Backerboard	2 Carp	350	1.451428571	\$472.4	1		\$1,671.32	\$2,005.58	
Paint	Paint												
Pg 367	09 91 23.72-1280	1793	S.F.	Paint 3 coats, smooth finish, sprayed	1 Pord	850	2.109411765	\$358.60			\$1,093.73	\$1,312.48	

Pre-General Requirement Costs

TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost Total Cost Total Cost w/ 20% O&P

10.92786874 \$1,955.11 \$0.00 \$0.00 \$7,656.78 \$9,188.14

**DIVISION 10: Specialties** 

RS Means								Costs					
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P	
Portable F	Portable Fire Extinguishers												
Pg 394	10 44 16.13-2000	1 Ea	•	ABC all purpose type, portable 2.5 pound				\$23.50			\$23.50		\$28.20
Pg 388	10 28 13.13-0200	2 Ea	•	Curtain Rod	1 Carp	13	0.153846154	\$54.00			\$54.00		\$64.80
Pg 389	10 28 13.13-0800	2 Ea		Grab bar 18"	1 Carp	24	0.083333333	\$60.00			\$60.00		\$72.00

D = 200	40 20 42 42 2000	ماد.	NA**** 40   × 24	4.0	1 20		604.00	ı	1	¢04.00	ć442.00 l
	10 28 13.13-3000	2 Ea.	Mirror 18" x 24"	1 Carp	20		\$94.00			\$94.00	\$112.80
_	10 28 13.13-6400	2 Ea.	Towel Rod	1 Carp	23		\$84.00			\$84.00	\$100.80
Pg 389	10 28 13.13-6400	4 Ea.	Closet Rods	1 Carp	23	0.173913043	\$168.00			\$168.00	\$201.60
						TOTAL DUDATION DAVE	Tatal Matarial Cast	Tatal Labar Cast	Pre-General Requireme		Tatal Cast/ 200/ O.S.D.
						TOTAL DURATION DAYS			Total Equipment Cost		Total Cost w/ 20% O&P
					DIVISION 11 F	0.598049052	\$483.50	\$0.00	\$0.00	\$483.50	\$580.20
RS Means					DIVISION 11 E	quipment			Costs		
Pg #	Division Number	Quantity Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Kitchen	DIVISION NUMBER	Quantity	Description	Clew	Daily Output	Duration	Iviateriai Cost	Labor Cost	Equipment cost	Total	Total W/ 20% O&F
	11 30 13.15-0020	1 Ea.	Cooking Range 30" Free Standing	2 Clab	10	0.1	\$470.00			\$470.00	\$564.00
	11 30 13.17-2750	1 Ea.	Dishwasher, 2 cycles	2 Clab	10	0.25	\$305.00			\$305.00	
	11 30 13.17 2730	1 Ea.	Deep Freeze 15 to 23 C.F. Minimum	2 Clab	4	0.25	\$640.00			\$640.00	\$768.00
18 412	11 30 13:10 2000	1 20.	Deep Freeze 13 to 23 c.i. William	2 Club	7	0.23	\$040.00			\$0.00	\$7,00.00
						Pre-	General Requirement	Costs			
						TOTAL DURATION DAYS			Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
						0.6					\$1,698.00
					DIVISION 12		Ψ1, 113.00	φο.σσ	γο.ου	ψ <u>1</u> ,113.00	ψ1,030.00
RS Means					1				Costs		
Pg #	Division Number	Quantity Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
Kitchen Ca		, Q	2000, p. 100		1 ,					1000	
	12 32 23.10-0700	2 Ea.	Kitchen Wall Cabinets 15" high 36" wide	2 Carp	24.8	0.080645161	\$690.00			\$690.00	\$828.00
<u> </u>			•								·
						Pre-	General Requirement (	Costs			
						TOTAL DURATION DAYS			Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P
						0.080645161	\$690.00				\$828.00
					<b>DIVISION 22 P</b>	LUMBING					
RS Means									Costs		
									00010		
Pg #	Division Number	Quantity Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P
	Division Number	Quantity Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost		Total	Total w/ 20% O&P
Pg # Lavratories	Division Number	Quantity Unit	Description 26" x 20", white	Crew Q-1	Daily Output		Material Cost \$1,290.00	Labor Cost \$276.00	Equipment Cost	Total	Total w/ 20% O&P \$1,879.20
Pg # Lavratories Pg 516	Division Number					0.303030303			Equipment Cost		
Pg # Lavratories Pg 516 Pg 516 Water Clos	Division Number 22 41 16.13-7660 22 41 16.16-2000 ets	2 Ea. 1 Ea.	26" x 20", white	Q-1	6.6	0.303030303 0.178571429	\$1,290.00 \$645.00	\$276.00 \$138.00	Equipment Cost	\$1,566.00	\$1,879.20 \$939.60
Pg # Lavratories Pg 516 Pg 516 Water Clos	Division Number 22 41 16.13-7660 22 41 16.16-2000	2 Ea.	26" x 20", white	Q-1	6.6	0.303030303 0.178571429	\$1,290.00	\$276.00	Equipment Cost	\$1,566.00	\$1,879.20
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs	Division Number 22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370	2 Ea. 1 Ea. 2 Ea.	26" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl	Q-1 Q-1	6.6 5.6	0.303030303 0.178571429	\$1,290.00 \$645.00	\$276.00 \$138.00 \$640.00	Equipment Cost	\$1,566.00 \$783.00 \$1,450.00	\$1,879.20 \$939.60 \$1,740.00
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516	Division Number 22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370 22 41 19.10-0100	2 Ea. 1 Ea.	26" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl	Q-1 Q-1	6.6 5.6	0.303030303 0.178571429	\$1,290.00 \$645.00 \$810.00	\$276.00 \$138.00	Equipment Cost	\$1,566.00 \$783.00	\$1,879.20 \$939.60 \$1,740.00
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea	Division Number 22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370 22 41 19.10-0100 ter	2 Ea. 1 Ea. 2 Ea.	26" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim	Q-1 Q-1 Q-1 Q-1	6.6 5.6	0.303030303 0.178571429 0.704225352	\$1,290.00 \$645.00 \$810.00 \$5,600.00	\$276.00 \$138.00 \$640.00 \$454.00	Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea	Division Number 22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370 22 41 19.10-0100	2 Ea. 1 Ea. 2 Ea.	26" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted	Q-1 Q-1	6.6 5.6	0.303030303 0.178571429 0.704225352 0.5	\$1,290.00 \$645.00 \$810.00 \$5,600.00	\$276.00 \$138.00 \$640.00 \$454.00	Equipment Cost	\$1,566.00 \$783.00 \$1,450.00	\$1,879.20 \$939.60 \$1,740.00
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea	Division Number 22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370 22 41 19.10-0100 ter	2 Ea. 1 Ea. 2 Ea.	26" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim	Q-1 Q-1 Q-1 Q-1	6.6 5.6	0.303030303 0.178571429 0.704225352 0.5	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement (	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00	Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea	Division Number 22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370 22 41 19.10-0100 ter	2 Ea. 1 Ea. 2 Ea.	26" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim	Q-1 Q-1 Q-1 Q-1	6.6 5.6	0.303030303 0.178571429 0.704225352 0.5 0.5 Pre-	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement (	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost	Total Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea	Division Number 22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370 22 41 19.10-0100 ter	2 Ea. 1 Ea. 2 Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element	Q-1 Q-1 Q-1 Q-1	6.6 5.6	0.303030303 0.178571429 0.704225352 0.5	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement (	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost	Total Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513	Division Number  22 41 16.13-7660  22 41 16.16-2000  ets  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080	2 Ea. 1 Ea. 2 Ea.	26" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim	Q-1 Q-1 Q-1 Q-1	6.6 5.6	0.303030303 0.178571429 0.704225352 0.5 0.5 Pre-	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement (	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost	Total Equipment Cost  50.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513	Division Number 22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370  22 41 19.10-0100 ter 22 33 30.13-1080	2 Ea. 1 Ea. 2 Ea. 1 Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC	Q-1 Q-1 Q-1 Q-1	2.84	0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00	Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513	Division Number  22 41 16.13-7660  22 41 16.16-2000  ets  22 42 13.13-3370  22 41 19.10-0100  ter  22 33 30.13-1080	2 Ea. 1 Ea. 2 Ea. 1 Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC	Q-1 Q-1 Q-1 Q-1	6.6 5.6	0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement (	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost	Total Equipment Cost  50.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370  22 41 19.10-0100 ter 22 33 30.13-1080  Division Number	2 Ea. 1 Ea. 2 Ea. 1 Ea.  Quantity Unit	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description	Q-1 Q-1 Q-1 Q-1 1 Plum	2.84  2.84  Daily Output	0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00	Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370  22 41 19.10-0100 ter 22 33 30.13-1080  Division Number  23 37 13.60-1020	2 Ea. 1 Ea. 2 Ea. 2 Ea. 1 Ea. Unit	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register	Q-1 Q-1 Q-1 Q-1 1 Plum	2.84  2.84  Daily Output	0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084 Duration	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00 Material Cost	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00	Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370  22 41 19.10-0100 ter 22 33 30.13-1080  Division Number  23 37 13.60-1020 23 33 46.10-1910	2 Ea. 1 Ea. 2 Ea.  Quantity Unit	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register 4" Diameter Flexible Air Duct	Q-1 Q-1 Q-1 1 Plum Crew 1-Shee Q-9	Daily Output	0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084 Duration  0.038461538 0.294117647	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement of Total Material Cost \$9,420.00 Material Cost \$28.00 \$2,800.00	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 Labor Cost \$1,875.00	Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370  22 41 19.10-0100 ter  22 33 30.13-1080  Division Number  23 37 13.60-1020 23 33 46.10-1910 23 34 23.10-6680	2 Ea. 1 Ea. 2 Ea.  Quantity Unit 1 Ea. 100 L.F. 2 Ea.	Z6" x 20", white  Kitchen, counter top style, PE on Cl, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register 4" Diameter Flexible Air Duct  Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM	Q-1 Q-1 Q-1 1 Plum Crew 1-Shee Q-9 Q-20	Daily Output  2.84  Daily Output  2.66  3.40  2.40	0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084  Duration 0.038461538 0.294117647 0.083333333	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement of the state of t	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 Labor Cost \$1,875.00 \$37.50	Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370  22 41 19.10-0100 ter  22 33 30.13-1080  Division Number  23 37 13.60-1020 23 33 46.10-1910 23 34 23.10-6680 23 34 23.10-6900	2 Ea. 1 Ea. 2 Ea.  1 Ea.	Z6" x 20", white  Kitchen, counter top style, PE on Cl, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register 4" Diameter Flexible Air Duct Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM	Q-1 Q-1 Q-1 Q-1 1 Plum Crew 1-Shee Q-9 Q-20 Q-20	Daily Output  2.84  Daily Output  2.6  3.40  2.4  2.2	0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084 Duration 0.038461538 0.294117647 0.083333333 0.045454545	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement of the state of t	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 Labor Cost \$1,875.00 \$37.50 \$18.75	Total Equipment Cost \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370  22 41 19.10-0100 ter  22 33 30.13-1080  Division Number  23 37 13.60-1020 23 33 46.10-1910 23 34 23.10-6680 23 37 13.30-3000	2 Ea. 1 Ea. 2 Ea.  1 Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register 4" Diameter Flexible Air Duct Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM  Filter Grille With Filter, 12"x12"	Q-1	Daily Output  2.84  Daily Output  2.66  3.40  2.40	0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084 Duration 0.038461538 0.294117647 0.083333333 0.045454545	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement ( Total Material Cost \$9,420.00 Material Cost \$28.00 \$2,800.00 \$56.00 \$28.00 \$140.00	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 \$18.75 \$1,875.00 \$37.50 \$18.75 \$93.75	Total Equipment Cost  Costs  Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75 \$233.75	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10 \$280.50
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370  22 41 19.10-0100 ter  22 33 30.13-1080  Division Number  23 37 13.60-1020 23 33 46.10-1910 23 34 23.10-6680 23 34 23.10-6900	2 Ea. 1 Ea. 2 Ea.  1 Ea.	Z6" x 20", white  Kitchen, counter top style, PE on Cl, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register 4" Diameter Flexible Air Duct Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM	Q-1 Q-1 Q-1 Q-1 1 Plum Crew 1-Shee Q-9 Q-20 Q-20	Daily Output  2.84  Daily Output  2.6  3.40  2.4  2.2	0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084 Duration 0.038461538 0.294117647 0.083333333 0.045454545	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement of the state of t	\$276.00 \$138.00 \$640.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 Labor Cost \$1,875.00 \$37.50 \$18.75	Total Equipment Cost \$0.00  Costs  Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75 \$233.75 \$4,745.00	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370  22 41 19.10-0100 ter  22 33 30.13-1080  Division Number  23 37 13.60-1020 23 33 46.10-1910 23 34 23.10-6680 23 37 13.30-3000	2 Ea. 1 Ea. 2 Ea.  1 Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register 4" Diameter Flexible Air Duct Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM  Filter Grille With Filter, 12"x12"	Q-1	Daily Output  2.84  Daily Output  2.6  3.40  2.4  2.2	0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084 Duration  0.038461538 0.294117647 0.083333333 0.045454545 0.2083333333	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement of the state of t	\$276.00 \$138.00 \$454.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 \$18.75 \$1,875.00 \$37.50 \$18.75 \$93.75 \$920.00	Total Equipment Cost \$0.00  Costs Equipment Cost  Pre-General Requireme	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75 \$233.75 \$4,745.00 nt Costs	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10 \$280.50 \$5,694.00
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370  22 41 19.10-0100 ter  22 33 30.13-1080  Division Number  23 37 13.60-1020 23 33 46.10-1910 23 34 23.10-6680 23 37 13.30-3000	2 Ea. 1 Ea. 2 Ea.  1 Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register 4" Diameter Flexible Air Duct Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM  Filter Grille With Filter, 12"x12"	Q-1	Daily Output  2.84  Daily Output  2.6  3.40  2.4  2.2	0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084  Duration 0.038461538 0.294117647 0.083333333 0.045454545 0.208333333 1 TOTAL DURATION DAYS	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement of Total Material Cost \$9,420.00 Material Cost \$28.00 \$2,800.00 \$2,800.00 \$140.00 \$3,825.00	\$276.00 \$138.00 \$454.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 \$18.75 \$1,875.00 \$37.50 \$18.75 \$93.75 \$920.00	Total Equipment Cost  Costs  Equipment Cost  Pre-General Requireme Total Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75 \$233.75 \$4,745.00 nt Costs	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10 \$280.50 \$5,694.00
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370  22 41 19.10-0100 ter  22 33 30.13-1080  Division Number  23 37 13.60-1020 23 33 46.10-1910 23 34 23.10-6680 23 37 13.30-3000	2 Ea. 1 Ea. 2 Ea.  1 Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register 4" Diameter Flexible Air Duct  Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM  Filter Grille With Filter, 12"x12"  Air cooled, for freeblow or duct 3 ton cooling	Q-1	Daily Output  2.84  Daily Output  2.6  3.40  2.4  2.2	0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084 Duration  0.038461538 0.294117647 0.083333333 0.045454545 0.2083333333	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement of the state of t	\$276.00 \$138.00 \$454.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 \$18.75 \$1,875.00 \$37.50 \$18.75 \$93.75 \$920.00	Total Equipment Cost  Costs  Equipment Cost  Pre-General Requireme Total Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75 \$233.75 \$4,745.00 nt Costs	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10 \$280.50 \$5,694.00
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370  22 41 19.10-0100 ter 22 33 30.13-1080  Division Number  23 37 13.60-1020 23 33 46.10-1910 23 34 23.10-6680 23 34 23.10-6900 23 37 13.30-3000 23 81 19.20-0200	2 Ea. 1 Ea. 2 Ea.  1 Ea.	Z6" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register 4" Diameter Flexible Air Duct Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM  Filter Grille With Filter, 12"x12"	Q-1	Daily Output  2.84  Daily Output  2.6  3.40  2.4  2.2	0.303030303 0.178571429 0.704225352 0.5 0.5 Pre- TOTAL DURATION DAYS 2.185827084  Duration 0.038461538 0.294117647 0.083333333 0.045454545 0.208333333 1 TOTAL DURATION DAYS	\$1,290.00 \$645.00 \$810.00 \$5,600.00 \$1,075.00 General Requirement of Total Material Cost \$9,420.00 Material Cost \$28.00 \$2,800.00 \$2,800.00 \$140.00 \$3,825.00	\$276.00 \$138.00 \$454.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 \$18.75 \$1,875.00 \$37.50 \$18.75 \$93.75 \$920.00	Total Equipment Cost  Costs  Equipment Cost  Pre-General Requireme Total Equipment Cost  \$0.00	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75 \$233.75 \$4,745.00 nt Costs	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10 \$280.50 \$5,694.00
Pg # Lavratories Pg 516 Pg 516 Water Clos Pg 518 Tubs Pg 516 Water Hea Pg 513  RS Means Page #	Division Number  22 41 16.13-7660 22 41 16.16-2000 ets 22 42 13.13-3370  22 41 19.10-0100 ter 22 33 30.13-1080  Division Number  23 37 13.60-1020 23 33 46.10-1910 23 34 23.10-6680 23 34 23.10-6900 23 37 13.30-3000 23 81 19.20-0200	2 Ea. 1 Ea. 2 Ea.  1 Ea.  2 Ea.  1 Ea.	26" x 20", white  Kitchen, counter top style, PE on CI, 24"x21" Single Bowl  Water Closet, Floor mounted  Tubs, recessed porcelain enamel on cast iron, with trim  Residential, electric, 40 gallon, Double element  DIVISION 23: HVAC  Description  8"x4" Air Supply Register 4" Diameter Flexible Air Duct Residential Bath Exhaust, Grille Light Combo 100 Watt, 70 CFM  Kitchen Exhaust Grille Complete, 160 CFM Filter Grille With Filter, 12"x12"  Air cooled, for freeblow or duct 3 ton cooling	Q-1	Daily Output  2.84  Daily Output  2.6  3.40  2.4  2.2	0.303030303 0.178571429  0.704225352  0.5  0.5  Pre- TOTAL DURATION DAYS 2.185827084  Duration  0.038461538 0.294117647 0.083333333 0.045454545 0.2083333333 1  TOTAL DURATION DAYS 1.669700398	\$1,290.00 \$645.00 \$1,075.00 \$5,600.00 \$1,075.00 General Requirement of the state of	\$276.00 \$138.00 \$454.00 \$454.00 \$253.00 Costs Total Labor Cost \$1,761.00 \$18.75 \$1,875.00 \$37.50 \$18.75 \$93.75 \$920.00	Total Equipment Cost  Costs  Equipment Cost  Pre-General Requireme Total Equipment Cost	\$1,566.00 \$783.00 \$1,450.00 \$6,054.00 \$1,328.00 Total Cost \$11,181.00 Total \$46.75 \$4,675.00 \$93.50 \$46.75 \$233.75 \$4,745.00 nt Costs Total Cost \$9,840.75	\$1,879.20 \$939.60 \$1,740.00 \$7,264.80 \$1,593.60 Total Cost w/ 20% O&P \$13,417.20 Total w/ 20% O&P \$56.10 \$5,610.00 \$112.20 \$56.10 \$280.50 \$5,694.00

895	50 17 00 0400	1049	SF	Electrical cost per sq ft				\$6,745.07	\$6,752.41		\$13,497.48	\$16,196.98	
							Pre-General Requirement Costs						
							TOTAL DURATION DAYS	Total Material Cost	Total Labor Cost	Total Equipment Cost	Total Cost	Total Cost w/ 20% O&P	
							0	\$6,745.07	\$6,752.41	\$0.00	\$13,497.48	\$16,196.98	
		_		DIVISION 31: EARTHWORK									
RS Means	6									Costs			
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Material Cost	Labor Cost	Equipment Cost	Total	Total w/ 20% O&P	
618		17.7	B.C.Y.		B-11c	150	0.118	\$0.00	\$92.93	\$25.31	\$118.24	•	
628		4.8	L.C.Y.	Backfill, Structural, 80 HP, 50' haul, sand & gravel (footing)	B-10L	1100	0.004363636	\$0.00	\$2.74	\$1.73	\$4.46	-	
628		9.72	L.C.Y.	Backfill, Structural, 80 HP, 50' haul, common earth	B-10L	975	0.009969231	\$0.00	\$6.22	\$3.99	\$10.21	·	
618	31 22 16.10-0010	116.55	S.Y.	Fine Grade for Slab on grade, machine	B-11L	1040	0.112067308	\$0.00	\$611.89	\$166.67	\$778.55		
Pg 639	31 31 16.13-0020		SF Flr.	Termite Control Under Slab	1 Skwk	1200			\$377.64		\$723.81	•	
Pg 639	31 25 14.16-0020	116.33	SY	Rolled Erosion Control Mats and Blanket, Paper	B-80A	2400	0.048470833	\$20.94	\$46.53		\$67.47	\$80.97	
							TOTAL DUDATION DAVIS	T	T	Pre-General Requireme		T . 10 /200/ 00.5	
							TOTAL DURATION DAYS		Total Labor Cost	Total Equipment Cost		Total Cost w/ 20% O&P	
				DIVISION 33 EVERNOR INARROVEMENT	-		1.167037675	\$367.11	\$1,137.94	\$197.69	\$1,702.74	\$2,043.29	
DC Masses				DIVISION 32: EXTERIOR IMPROVEMENTS	<b>)</b>					Casta			
RS Means		Ougantitu	Linit	Description	Crow	Daily Output	Duration	Material Cost	Lahar Cast	Costs	Total	Total w/ 20% O&P	
Page #	Division Number	Quantity	Unit	Description	Crew	Daily Output	Duration	Iviateriai Cost	Labor Cost	Equipment Cost	Total	10tal W/ 20% O&P	
Pg 652	eiling and walls) 32 06 10.10-0300	700	S.F.	Concrete, 3000 psi, CIP, 6 x 6 - W1.4 x W1.4 Mesh, Broomed finish 4"	D 24	600	0.1578	\$1,751.58	\$1,491.21		\$3,242.79	\$3,891.35	
Pg 652	32 06 10.10-0300	283.05		Slurry Seal Asphalt Street Paving	B-24 B-45	5000				\$45.29	\$3,242.79	·	
rg UJZ	32 01 13.01-0100	203.03	3.1	Jiuli y Seal Asphalt Street Favilig	D-43	3000	0.03001	Ş330.04	345.29	Ş45.29	<del>)44</del> 7.22	\$330.00	
										Pre-General Requireme	nt Costs		
										The deficial negative ine	111 00313		

50.87357954

\$100,304.45

TOTAL DURATION DAYS Total Material Cost Total Labor Cost Total Equipment Cost Total Cost W/ 20% O&P

TOTAL WITHOUT EXTERIOR WALL SECTIONS

TOTAL DURATION DAYS | Total Material Cost | Total Labor Cost | Total Equipment Cost | TOTAL COST | Price per under the roof Sq Ft.

\$6,774.18

\$156,584.80

**0.21441** \$2,108.22 \$1,536.50 \$45.29 **\$3,690.01** 

\$39,685.29

\$4,428.01