

Fire Station-Union Masonry

Quantity/Bid - Totals Only

Class	Mat. ID	Material Description	Amount	Units	Quantity	Waste	Lay-Rate		----- Labor -----		----- Material -----		Man Days
							Units/Day	Per Unit	Ext. Cost	Per Unit	Ext. Cost		
0GC	DUMPSTERS	Dumpster Masonry Disposal	8	Ea	8	Each	0	\$0.00	\$0	\$600.00	\$4,800	0.0	
ANC	DW10V2CS	DW10,4" Vee,2 Climaseal	1,742	Ea	1,742	Each	400	\$3.44	\$5,989	\$2.40	\$4,182	4.4	
ANC	POS12.5V4	PosiTie SS Seismic w/Rod	6,443	Ea	6,443	Each	300	\$2.63	\$16,935	\$2.82	\$18,168	21.5	
ANC	REBARPO6	Rebar Positioner 6" CMU	20	Ea	20	Each	0	\$0.00	\$0	\$0.46	\$9	0.0	
ANC	REBARPO8	Rebar Positioner 8" CMU	1,203	Ea	1,203	Each	0	\$0.00	\$0	\$0.49	\$589	0.0	
BRI	M1	Modular Brick 1 Return	178	SF	1,247	Pieces	4.00%	300	\$4.54	\$5,446	\$0.75	\$935	4.0
BRI	MCOURS	Modular Brick A303/A304	738	SF	5,179	Pieces	4.00%	400	\$3.41	\$16,966	\$0.75	\$3,884	12.4
BRI	MLIPC1	Modular Brick Lip Corn 1	5	SF	37	Pieces	4.00%	400	\$3.66	\$132	\$6.75	\$253	0.1
BRI	NORM1F	Norman Brick 1 Field	11,219	SF	52,520	Pieces	4.00%	350	\$3.89	\$196,631	\$1.20	\$63,024	144.3
BRI	NORM1LIP	Norman Brick 1 Lip	112	SF	524	Pieces	4.00%	350	\$3.89	\$1,961	\$7.25	\$3,798	1.4
BRI	NORM1LIPC	Norman Brick 1 Lip Corner	13	SF	62	Pieces	4.00%	350	\$3.98	\$239	\$8.80	\$549	0.2
CMU	HW02	2" NW CMU	2,686	SF	3,082	Pieces	2.00%	110	\$13.32	\$40,254	\$0.80	\$2,465	27.5
CMU	HW06HP	6" NW CMU Half Piers	6	SF	14	Pieces	2.00%	100	\$14.66	\$205	\$0.90	\$13	0.1
CMU	HW06KOP	6" NW CMU-K.O. Piers	5	SF	6	Pieces	2.00%	100	\$14.66	\$88	\$1.45	\$9	0.1
CMU	HW06P	6" NW CMU Piers	31	SF	36	Pieces	2.00%	100	\$14.66	\$513	\$1.20	\$43	0.4
CMU	HW08	8" NW CMU	3,509	SF	4,026	Pieces	2.00%	130	\$11.27	\$44,505	\$1.40	\$5,637	30.4
CMU	HW08BB	8" NW CMU-B.B.	63	SF	72	Pieces	2.00%	130	\$11.27	\$800	\$1.65	\$119	0.5
CMU	HW08H	8" NW CMU Half	140	SF	320	Pieces	2.00%	130	\$11.27	\$3,540	\$1.05	\$336	2.4
CMU	HW08HH	8" NW CMU-Halfhigh	63	SF	144	Pieces	2.00%	130	\$11.27	\$1,592	\$1.40	\$202	1.1
CMU	HW08HP	8" NW CMU Half Pier	114	SF	261	Pieces	2.00%	100	\$14.66	\$3,752	\$1.05	\$274	2.6
CMU	HW08KO	8" NW CMU-K.O.	450	SF	517	Pieces	2.00%	130	\$11.27	\$5,713	\$1.65	\$853	3.9
CMU	HW08KOP	8" NW CMU-K.O. Pier	38	SF	43	Pieces	2.00%	100	\$14.66	\$623	\$1.65	\$72	0.4
CMU	HW08P	8" NW CMU Pier	245	SF	281	Pieces	2.00%	100	\$14.66	\$4,041	\$1.40	\$394	2.8
CON	RUBCJ+	Rubber Control Joint "+"	108	LF	108	LinFt	0	\$0.00	\$0	\$1.30	\$140	0.0	
FLA	SS20"	S. S. Flashing 16 oz/20"	1,273	LF	1,273	LinFt	150	\$5.26	\$6,690	\$0.00	\$0	8.5	
GRC	2500PSICY	2500 PSI Grout in Cu.Yrds	27	CY	27	CbcYds	10	\$142.30	\$3,785	\$143.50	\$3,817	2.7	
INR	BLUE2"	Dow Thermax 2"	11,297	SF	11,297	SqFt	1,200	\$0.66	\$7,424	\$0.00	\$0	9.4	
MN	MN1	Mortar Net 1"x10"	1,273	LF	1,273	LinFt	0	\$0.00	\$0	\$1.60	\$2,036	0.0	
MOR	[B] Type S Port/Lime	1:1/2:4-1/2 Mix	709	CF	709	CbcFt	0	\$0.00	\$0	\$6.41	\$4,542	0.0	
MOR	[H] Type S Port/Lime/Col1:	1/2:4-1/2 Mix	1,858	CF	1,858	CbcFt	0	\$0.00	\$0	\$8.63	\$16,022	0.0	
PRL	PCBASE241	Precast 24"x14"x 16"H Bas	2	LF	1	Pieces	8	\$170.35	\$170	\$0.00	\$0	0.1	
PRL	PCBASE321	Precast 32"x12"x 16"H Bas	37	LF	14	Pieces	8	\$170.35	\$2,385	\$0.00	\$0	1.8	
PRL	PCBASE416	Precast Base 4"x16"	28	LF	28	LinFt	30	\$45.43	\$1,272	\$0.00	\$0	0.9	
PRL	PCBASE616	Precast Base 6"x16"	3	LF	3	LinFt	20	\$68.14	\$182	\$0.00	\$0	0.1	
PRL	PCPIE1612	Precast 16"x12"x 13'H Pie	20	LF	15	Pieces	3	\$454.26	\$6,814	\$0.00	\$0	5.0	
PRL	PCPIE632	Precast 6"x32"x 13'H Pie	3	LF	1	Pieces	3	\$454.26	\$454	\$0.00	\$0	0.3	
REB	#5	#5 Rebar / Give Vert. Ht	3,940	LF	3,940	LinFt	0	\$0.00	\$0	\$0.73	\$2,876	0.0	
REB	#5BB REBA	#5 Bond Beam Rebar - 240"	1,886	LF	1,886	LinFt	0	\$0.00	\$0	\$0.73	\$1,377	0.0	
SCA	SCAFFOLDE	Exterior Scaffolding	17,490	SF	17,490	SqFt	0	\$0.00	\$0	\$0.00	\$0	0.0	
SCA	SCAFFOLDI	Interior Scaffolding	5,258	SF	5,258	SqFt	0	\$0.00	\$0	\$0.00	\$0	0.0	
WEE	WEEPVENT	Weep Vent	631	Ea	631	Each	0	\$0.00	\$0	\$0.19	\$120	0.0	
WIR	HDL9GA06"	Hot-Dipp./Ladder 9ga-- 6"	28	LF	28	LinFt	0	\$0.00	\$0	\$0.39	\$11	0.0	
WIR	HDL9GA08"	Hot-Dipp./Ladder 9ga-- 8"	3,718	LF	3,718	LinFt	0	\$0.00	\$0	\$0.41	\$1,524	0.0	
Totals:									\$379,104		\$143,075	289.2	

Fire Station-Union Masonry

Quantity/Bid - Totals Only

Crew Section

Ratio of Production Masons to

ID	Description	Production Masons	Prod-Mason Days	Crew Days	Cost Per Day Whole Crew	Cost Per Day Per Prod-Mason	Extended Labor Cost	Ratio of Production Masons to			
								Super	Layout	Saw	Tender/ Other
1	Brick Crew- 1-NWBF,8-B,6-L,1-O And Lull	8.00	170.6	21.321	\$10,902.34	\$1,362.79	\$232,445.28	8.00			1.14
2	Block Crew- 1-NWBF,6-B,5-L,1-O And Lull	6.00	76.0	12.668	\$8,793.82	\$1,465.64	\$111,403.63	6.00			1.00
4	Grout Crew- 1/8-BF,1-B,1-L	1.00	2.6	2.632	\$1,422.51	\$1,422.51	\$3,743.87	8.00			1.00
5	Ties, Insulation, Flashing- 1-Mason	1.00	40.0	39.958	\$788.60	\$788.60	\$31,510.81				
Lay Crew Totals			289.2	76.579			\$379,103.59				
3	Washdown Crew- 1-Mason	1.00	20.4	20.442	\$788.60	\$788.60	\$16,120.45				
All Crew Totals			309.6	97.021			\$395,224.04				

Totals by Labor ID

ID	Estimated					
	Hours	Base	Fringe	Burden	Total	Cost / Hour
Brick Non Forem	274.54	\$14,388.88	\$8,900.74	\$4,876.39	\$28,166.01	\$102.59
Brick Non-Union	2,476.86	\$122,381.65	\$80,299.80	\$41,475.14	\$244,156.60	\$98.58
Forklif Non-Uni	271.91	\$10,237.51	\$6,172.42	\$3,469.49	\$19,879.42	\$73.11
Laborer Non-Uni	1,551.18	\$50,646.16	\$35,211.88	\$17,163.98	\$103,022.01	\$66.42
	4,574.50	\$197,654.20	\$130,584.83	\$66,985.01	\$395,224.04	\$86.40

Totals by Equipment ID

ID	Description	Cost	Days	Cost / Day
Lull 1044	Lull 1044	\$5,000.69	33.989	\$147.13

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		Costs & Taxes	Overhead	Profit	OH + Profit	Totals	% of Bid
Material Costs		\$143,075.31					
Misc. Taxable Costs		\$0.00					
Taxable Sub-Total		\$143,075.31					
	Tax 0.000%	\$0.00	5.00%	10.00%			
Material + Misc. Taxable Costs + Tax		\$143,075.31	\$7,153.77	\$15,022.91	\$22,176.67	\$165,251.99	25.0%
Base	50.011%	\$197,654.20					
Fringe	33.041%	\$130,584.83					
Burden	16.949%	\$66,985.01	5.00%	10.00%			
Crew Labor Cost		\$395,224.04	\$19,761.20	\$41,498.52	\$61,259.73	\$456,483.77	69.0%
Subbed Out			5.00%	10.00%			
Cleaning Cost		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Equipment		\$5,000.69	\$250.03	\$525.07	\$775.11	\$5,775.80	0.9%
Mobilization		\$0.00					
Mockup		\$1,500.00					
Misc. Accessori		\$7,000.00					
Move Lull		\$600.00					
Granite		\$0.00					
Scaffold/Hoisti		\$20,000.00	5.00%	10.00%			
Misc. Sub-Total		\$29,100.00	\$1,455.00	\$3,055.50	\$4,510.50	\$33,610.50	5.1%
		Percent of Cost	5.00%	10.50%	15.50%	Bid Price	
Grand Totals		\$572,400.05	\$28,620.00	\$60,102.01	\$88,722.01	\$661,122.06	
		Average Cost Per Square Foot		Without Misc. or OH&P	With Misc. and OH&P	Total Square Feet	
				\$27.60	\$33.59	19,683.39	

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Labor in Project

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Description	Rate	Amount	OverTime
Brick Non Forem			Bricklayer Union Foreman
Wages	Base	\$48.66	<input checked="" type="checkbox"/>
	Foreman Pay	\$3.00	<input type="checkbox"/>
	Raise	\$0.75	<input type="checkbox"/>
Fringe	Benefits	\$31.70	<input checked="" type="checkbox"/>
	Raise	\$0.72	<input type="checkbox"/>
Burden	Social Security	7.65% \$4.01	<input checked="" type="checkbox"/>
	Workmen's Compensation	16.00% \$8.39	<input type="checkbox"/>
	Federal Unemployment Ins.	0.80% \$0.42	<input checked="" type="checkbox"/>
	State Unemployment Ins.	7.75% \$4.06	<input checked="" type="checkbox"/>
	Liability Insurance	1.65% \$0.86	<input checked="" type="checkbox"/>
	Health Insurance	0.04% \$0.02	<input type="checkbox"/>
Brick Non-Union			Bricklayer Union
Wages	Base	\$48.66	<input checked="" type="checkbox"/>
	Raise	\$0.75	<input type="checkbox"/>
Fringe	Benefits	\$31.70	<input checked="" type="checkbox"/>
	Raise	\$0.72	<input type="checkbox"/>
Burden	Social Security	7.65% \$3.78	<input checked="" type="checkbox"/>
	Workmen's Compensation	16.00% \$7.91	<input type="checkbox"/>
	Federal Unemployment Ins.	0.80% \$0.40	<input checked="" type="checkbox"/>
	State Unemployment Ins.	7.75% \$3.83	<input checked="" type="checkbox"/>
	Liability Insurance	1.65% \$0.82	<input checked="" type="checkbox"/>
	Health Insurance	0.04% \$0.02	<input type="checkbox"/>
Forklif Non-Uni			Forklift Driver Union Laborer
Wages	Base	\$31.65	<input checked="" type="checkbox"/>
	Over Scale	\$0.25	<input type="checkbox"/>
	Forklift Pay	\$5.00	<input type="checkbox"/>
	Raise	\$0.75	<input type="checkbox"/>
Fringe	Benefits	\$21.95	<input type="checkbox"/>
	Raise	\$0.75	<input type="checkbox"/>
Burden	Social Security	7.65% \$2.88	<input checked="" type="checkbox"/>
	Workmen's Compensation	16.00% \$6.02	<input type="checkbox"/>
	Federal Unemployment Ins.	0.80% \$0.30	<input checked="" type="checkbox"/>
	State Unemployment Ins.	7.75% \$2.92	<input checked="" type="checkbox"/>
	Liability Insurance	1.65% \$0.62	<input checked="" type="checkbox"/>
	Health Insurance	0.04% \$0.02	<input type="checkbox"/>

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Labor in Project

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	Description	Rate	Amount	OverTime	
Laborer Non-Uni					Laborer Union
Wages	Base		\$31.65	<input checked="" type="checkbox"/>	
	Over Scale		\$0.25	<input type="checkbox"/>	
	Raise		\$0.75	<input type="checkbox"/>	
Fringe	Benefits		\$21.95	<input type="checkbox"/>	
	Raise		\$0.75	<input type="checkbox"/>	
Burden	Social Security	7.65%	\$2.50	<input checked="" type="checkbox"/>	
	Workmen's Compensation	16.00%	\$5.22	<input type="checkbox"/>	
	Federal Unemployment Ins.	0.80%	\$0.26	<input checked="" type="checkbox"/>	
	State Unemployment Ins.	7.75%	\$2.53	<input checked="" type="checkbox"/>	
	Liability Insurance	1.65%	\$0.54	<input checked="" type="checkbox"/>	
	Health Insurance	0.04%	\$0.01	<input type="checkbox"/>	

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Crews in Project

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Crew 1 Brick Crew- 1-NWBF,8-B,6-L,1-O And Lull

ID	Description	Category	Qty	- Hours per Day -			Cost per Day
				Reg	x1.5	x2	
Brick Non Forem	Bricklayer Union Foreman	Supervisor	1.00	8.00			\$820.73
Brick Non-Union	Bricklayer Union	Production	8.00	8.00			\$6,308.80
Forklif Non-Uni	Forklift Driver Union Laborer	Tender/Other	1.00	8.00			\$584.88
Laborer Non-Uni	Laborer Union	Tender/Other	6.00	8.00			\$3,187.92
Lull 1044	Lull 1044	Equipment	1.00				\$147.13

	Base	Fringe	Burden	Equipment	Total
Cost per Crew Day	\$5,449.92	\$3,605.44	\$1,846.98	\$147.13	\$11,049.46
Cost per Prod.Man Day	\$681.24	\$450.68	\$230.87	\$18.39	\$1,381.18

Man Hours per Crew Day	Supervisor	Layout	Sawman	Production	Tender / Other
	8.00			64.00	56.00

Production Masons 8.00 Checked if, the number of Production Masons was Overridden

Crew 2 Block Crew- 1-NWBF,6-B,5-L,1-O And Lull

ID	Description	Category	Qty	- Hours per Day -			Cost per Day
				Reg	x1.5	x2	
Brick Non Forem	Bricklayer Union Foreman	Supervisor	1.00	8.00			\$820.73
Brick Non-Union	Bricklayer Union	Production	6.00	8.00			\$4,731.60
Forklif Non-Uni	Forklift Driver Union Laborer	Tender/Other	1.00	8.00			\$584.88
Laborer Non-Uni	Laborer Union	Tender/Other	5.00	8.00			\$2,656.60
Lull 1044	Lull 1044	Equipment	1.00				\$147.13

	Base	Fringe	Burden	Equipment	Total
Cost per Crew Day	\$4,398.16	\$2,905.12	\$1,490.54	\$147.13	\$8,940.94
Cost per Prod.Man Day	\$733.03	\$484.19	\$248.42	\$24.52	\$1,490.16

Man Hours per Crew Day	Supervisor	Layout	Sawman	Production	Tender / Other
	8.00			48.00	48.00

Production Masons 6.00 Checked if, the number of Production Masons was Overridden

Crew 3 Washdown Crew- 1-Mason

ID	Description	Category	Qty	- Hours per Day -			Cost per Day
				Reg	x1.5	x2	
Brick Non-Union	Bricklayer Union	Production	1.00	8.00			\$788.60

	Base	Fringe	Burden	Equipment	Total
Cost per Crew Day	\$395.28	\$259.36	\$133.96		\$788.60
Cost per Prod.Man Day	\$395.28	\$259.36	\$133.96		\$788.60

Man Hours per Crew Day	Supervisor	Layout	Sawman	Production	Tender / Other
				8.00	

Production Masons 1.00 Checked if, the number of Production Masons was Overridden

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Crews in Project

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Crew 4 Grout Crew- 1/8-BF,1-B,1-L

ID	Description	Category	Qty	- Hours per Day -			Cost per Day
				Reg	x1.5	x2	
Brick Non Forem	Bricklayer Union Foreman	Supervisor	1.00	1.00			\$102.59
Brick Non-Union	Bricklayer Union	Production	1.00	8.00			\$788.60
Laborer Non-Uni	Laborer Union	Tender/Other	1.00	8.00			\$531.32

	Base	Fringe	Burden	Equipment	Total
Cost per Crew Day	\$708.89	\$473.38	\$240.24		\$1,422.51
Cost per Prod.Man Day	\$708.89	\$473.38	\$240.24		\$1,422.51

Man Hours per Crew Day	Supervisor	Layout	Sawman	Production	Tender / Other
	1.00			8.00	8.00

Production Masons 1.00 Checked if, the number of Production Masons was Overridden

Crew 5 Ties, Insulation, Flashing- 1-Mason

ID	Description	Category	Qty	- Hours per Day -			Cost per Day
				Reg	x1.5	x2	
Brick Non-Union	Bricklayer Union	Production	1.00	8.00			\$788.60

	Base	Fringe	Burden	Equipment	Total
Cost per Crew Day	\$395.28	\$259.36	\$133.96		\$788.60
Cost per Prod.Man Day	\$395.28	\$259.36	\$133.96		\$788.60

Man Hours per Crew Day	Supervisor	Layout	Sawman	Production	Tender / Other
				8.00	

Production Masons 1.00 Checked if, the number of Production Masons was Overridden

Crew 6 Precast Crew-1/8-BF,2-B,1-L,1-O And Lull

ID	Description	Category	Qty	- Hours per Day -			Cost per Day
				Reg	x1.5	x2	
Brick Non Forem	Bricklayer Union Foreman	Supervisor	1.00	1.00			\$102.59
Brick Non-Union	Bricklayer Union	Production	2.00	8.00			\$1,577.20
Forklif Non-Uni	Forklift Driver Union Laborer	Tender/Other	1.00	8.00			\$584.88
Laborer Non-Uni	Laborer Union	Tender/Other	1.00	8.00			\$531.32
Lull 1044	Lull 1044	Equipment	1.00				\$147.13

	Base	Fringe	Burden	Equipment	Total
Cost per Crew Day	\$1,405.37	\$914.34	\$476.28	\$147.13	\$2,943.12
Cost per Prod.Man Day	\$702.69	\$457.17	\$238.14	\$73.56	\$1,471.56

Man Hours per Crew Day	Supervisor	Layout	Sawman	Production	Tender / Other
	1.00			16.00	16.00

Production Masons 2.00 Checked if, the number of Production Masons was Overridden

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Crews in Project

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Crew 7 Restoration Crew- 1/8-BF,1-B,1-L

ID	Description	Category	Qty	- Hours per Day -			Cost per Day
				Reg	x1.5	x2	
Brick Non Forem	Bricklayer Union Foreman	Supervisor	1.00	1.00			\$102.59
Brick Non-Union	Bricklayer Union	Production	1.00	8.00			\$788.60
Laborer Non-Uni	Laborer Union	Tender/Other	1.00	8.00			\$531.32

	Base	Fringe	Burden	Equipment	Total
Cost per Crew Day	\$708.89	\$473.38	\$240.24		\$1,422.51
Cost per Prod.Man Day	\$708.89	\$473.38	\$240.24		\$1,422.51

Man Hours per Crew Day	Supervisor	Layout	Sawman	Production	Tender / Other
	1.00			8.00	8.00

Production Masons 1.00 Checked if, the number of Production Masons was Overridden

Crew 8 Scaffolding Crew- 2-L,1-O & 1 Lull

ID	Description	Category	Qty	- Hours per Day -			Cost per Day
				Reg	x1.5	x2	
Laborer Non-Uni	Laborer Union	Production	2.00	8.00			\$1,062.64
Forklif Non-Uni	Forklift Driver Union Laborer	Tender/Other	1.00	8.00			\$584.88
Lull 1044	Lull 1044	Equipment	1.00				\$147.13

	Base	Fringe	Burden	Equipment	Total
Cost per Crew Day	\$823.60	\$544.80	\$279.12	\$147.13	\$1,794.64
Cost per Prod.Man Day	\$411.80	\$272.40	\$139.56	\$73.56	\$897.32

Man Hours per Crew Day	Supervisor	Layout	Sawman	Production	Tender / Other
				16.00	8.00

Production Masons 2.00 Checked if, the number of Production Masons was Overridden

Crew 9 Demolition Crew- 2-L

ID	Description	Category	Qty	- Hours per Day -			Cost per Day
				Reg	x1.5	x2	
Laborer Non-Uni	Laborer Union	Production	2.00	8.00			\$1,062.64

	Base	Fringe	Burden	Equipment	Total
Cost per Crew Day	\$522.40	\$363.20	\$177.04		\$1,062.64
Cost per Prod.Man Day	\$261.20	\$181.60	\$88.52		\$531.32

Man Hours per Crew Day	Supervisor	Layout	Sawman	Production	Tender / Other
				16.00	

Production Masons 2.00 Checked if, the number of Production Masons was Overridden

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Crews in Project

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Crew A Mobilization Crew- 2-L

ID	Description	Category	Qty	- Hours per Day -			Cost per Day
				Reg	x1.5	x2	
Laborer Non-Uni	Laborer Union	Production	2.00	8.00			\$1,062.64

	Base	Fringe	Burden	Equipment	Total
Cost per Crew Day	\$522.40	\$363.20	\$177.04		\$1,062.64
Cost per Prod.Man Day	\$261.20	\$181.60	\$88.52		\$531.32

Man Hours per Crew Day	Supervisor	Layout	Sawman	Production	Tender / Other
				16.00	

Production Masons 2.00 Checked if, the number of Production Masons was Overridden







