

Stabilize Brick Envelope

Project name	General 150 South Washington Avenue Scranton PA 18503
Estimator	MBIRTEL
Labor rate table	LAB-2008-Burd/WC
Equipment rate table	EQP-2008
Bid date	12/10/2008 12:15 PM
Project	Capital Improvent
Location Number	32061
Work Order No	2602952
Revision No	00
Park Alpha Code	STEA
Work Order Type	CI
Database	CESSDATA08
Pricing Date	1/1/2008
WorkSubType	AL
Site Number	P002
Status	EXPORTED
Report format	Sorted by 'Group phase/Phase' 'Detail' summary
Cost index	STEA

Item	Description	Location	Takeoff Qty	W%	Conversion	Order Qty	Unit Price	Amount
0110.0000 SUMMARY								
0110.0001 Summary								
n	0000	NPS CESS Data Update 2008; Prices as of 1/1/2008			Oth		ver	
	0000	General template, April 2008 Version			Oth		ver	
SUMMARY								0
0154.0000 CONSTRUCTION AIDS								
0154.3340 General Equipment Rental								
n	0170	Rental,Aerial Lift,Telescoping Boom to 40' High, 500 Lb Cap	120.00	dy	Eqp	120.00	dy	363.341 43,601
n	2040	Rent Forklift For Brick 28Ft 4000Lb 4 Wheel Drive Diesel	100.00	dy	Eqp	100.00	dy	316.413 31,641
General Equipment Rental								75,242
		1,760.00 Equipment hours						
CONSTRUCTION AIDS								75,242
		1,760.00 Equipment hours						
0401.0000 MAINT OF MASONRY								
0401.2020 Pointing Masonry								
n	0010	Clean and point, smooth brick	32,160.00	sf	Lab Mat	0.02666 ch/sf 32,160.00 sf	857.39 ch 58.46 0.37	50,122 11,771
Pointing Masonry								61,893
		857.39 Labor hours						
0401.3060 Brick Washing								
n	0012	Washing brick, smooth brick, acid wash	32,160.00	sf	Lab Mat	560.00000 sf/cd 57.43 cd 32,160.00 sf	467.673 0.044	26,858 1,415
n	0013	Clean area	32,160.00	sf	Lab Mat	431.00000 sf/cd 74.62 cd 32,160.00 sf	467.673 0.044	34,896 1,415
Brick Washing								64,584
		1,056.37 Labor hours						
MAINT OF MASONRY								126,477
		1,913.752 Labor hours						
0405.0500 SELECTIVE MASONRY DEMO								
0405.0510 Selectv Demolitn,Masonry								
	5023	Masonry demolition	16,080.00	sf	Lab	96.15383 sf/cd	167.23 cd	371.013 62,045

Item	Description	Location	Takeoff Qty	W%	Conversion	Order Qty	Unit Price	Amount
	Selectv Demolitn,Masonry							<u>62,045</u>
	1,337.86 Labor hours							
SELECTIVE MASONRY DEMO								62,045
1,337.86 Labor hours								
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0405.1600 MASONRY GROUTING								
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0405.1630	Grouting							
n 0500	Grout, cavity walls, 2"space, 0.167 C.F./S.F., pumped, exc. blockwork		32,160.00 sf	Lab	1,700.00000 sf/cd	18.92 cd	1,634.93	30,929
				Mat		32,160.00 sf	0.831	26,725
				Eqp	1,700.00000 sf/cd	18.92 cd	143.97	<u>2,724</u>
	Grouting							60,378
	605.37 Labor hours							
	151.341 Equipment hours							
MASONRY GROUTING								60,378
605.37 Labor hours								
151.341 Equipment hours								
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0421.0000 CLAY UNIT MASONRY								
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0421.1335	Common Building Brick							
n 0050	Brick, common building, std, avg(select), TL lots, incl material only		2.00 m	Mat		2.00 m	489.77	980
	Common Building Brick							<u>980</u>
CLAY UNIT MASONRY								980
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0427.0000 MULT WYTHE UNIT MASONRY								
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0427.1030	Brick Walls							
n 0250	Building brick,12"wl,20.25/SF,4"x2-2/3"x8", mrt/wst no scf/VRF/HRF		2.00 m	Lab	1.89998 m/cd	1.05 cd	2,134.112	2,246
				Mat		2.00 m	512.55	1,025
	Brick Walls							<u>3,272</u>
	42.11 Labor hours							
MULT WYTHE UNIT MASONRY								3,272
42.11 Labor hours								
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0443.0000 STONE MASONRY								
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0443.1085	Window Sill							
n 0050	Blustone window sill, thermal top, 10" wide x 2" thick		100.00 sf	Lab	75.00000 sf/cd	1.33 cd	833.22	1,111
				Mat		100.00 sf	21.36	2,136

Estimate Details Report
General

Item	Description	Location	Takeoff Qty	W%	Conversion	Order Qty	Unit Price	Amount
	Window Sill							<hr/>
	21.333 Labor hours							3,247
	STONE MASONRY							<hr/>
	21.333 Labor hours							3,247

Estimate Totals

Description	Amount	Totals	Hours	Rate	Cost Basis	Cost per Unit	Percent of Total
Labor	208,208		##### hrs				35.32%
Material	45,466						7.71%
Subcontract							
Equipment	77,966		##### hrs				13.23%
Other							
	331,640	331,640					56.26 #####
Historic Preservation Factor					T		
Design Contingency (Std 20%)	66,328			20.000 %	T		11.25%
Total Allocatable Cost	66,328	397,968					11.25 #####
General & Administrative (15%)	59,695			15.000 %	T		10.13%
Overhead (Standard 15%)	68,649			15.000 %	T		11.65%
Profit (Standard 12%)	63,157			12.000 %	T		10.71%
Total Services Cost	191,501	589,469					32.49 #####
Total		589,469					