

Structural Support

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	12/16/2008 9:23 AM
Project	Capital Improvent
Location Number	32061
Work Order No	2602956
Revision No	00
Park Alpha Code	STEА
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	STEА

Item	Description	Location	Takeoff Qty	W%	Conversion	Order Qty	Unit Price	Amount
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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

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0121.0000 ALLOWANCES

0121.5160 Crews, General Condition

n	1145	Crew C-11 (per hour)	6.16	hr	Lab	8.00000	hr/cd	0.77	cd	5,196.792	4,002
					Eqp	8.00000	hr/cd	0.77	cd	2,146.79	1,653
		Crews, General Condition									5,655
		55.44 Labor hours									
		6.16 Equipment hours									

ALLOWANCES

5,655

55.44 Labor hours
6.16 Equipment hours

0154.0000 CONSTRUCTION AIDS

0154.1650 Weekly Forklift Crew

n	0100	Forklift crew, all-terrain forklift, 42' lift, 35' reach, 9000 lb. cap	1.00	mo	Lab	0.20000	mo/cd	5.00	cd		
					Eqp	0.20000	mo/cd	5.00	cd		

Weekly Forklift Crew

40.00 Labor hours
40.00 Equipment hours

0154.2370 Scaffolding

n	0153	Position aerial lift truck, raise and lower platform			Lab	32.00000	ea/cd		cd	448.64	
					Eqp	32.00000	ea/cd		cd	700.03	

0154.3360 Liftng & Hoistg Eq Rental

n	2800	Rent Crane Self-Propelled, 4X4 Telescoping Boom 5 Ton	10.00	dy	Eqp			10.00	dy	294.772	2,948
		Liftng & Hoistg Eq Rental									2,948
		80.00 Equipment hours									

CONSTRUCTION AIDS

2,948

40.00 Labor hours
120.00 Equipment hours

0311.0000 CONCRETE FORMING

0311.1345 Forms In Place, Footings

Item	Description	Location	Takeoff Qty		W%	Conversion	Order Qty	Unit Price	Amount	
STRUCTURAL CONCRETE									3,483	
	10.43	Labor hours								
	3.48	Equipment hours								
0335.0000 CONCRETE FINISHING										
0335.2930	Finishing Floors									
n 0020	Concrete finishing, floors, monolithic, screed finish		352.00	sf	Lab	4,800.00000 sf/cd	0.07	cd	1,218.593	89
	Finishing Floors								89	
	1.76	Labor hours								
CONCRETE FINISHING									89	
	1.76	Labor hours								
0341.0000 PRECAST STRUCT CONCRETE										
0341.0517	Precast Columns (SYS)									
n 0580	Precast column, two story 14' per story, 12"x12", incl. material only		22.00	lf	Mat		22.00	lf	1,509.18	33,202
	Precast Columns (SYS)								33,202	
PRECAST STRUCT CONCRETE									33,202	
3123.0000 EXCAVATION & FILL										
3123.1613	Excavating, Trench									
n 2100	Excavate, trim sides/bottom for conc. pours, no sht/dwtr		792.00	sf	Lab	1,500.00000 sf/cd	0.53	cd	1,137.57	601
	Excavating, Trench				Eqp	1,500.00000 sf/cd	0.53	cd	43.74	23
	12.672	Labor hours								
	4.224	Equipment hours								
3123.1642	Excvtng,Bulk Bank Measure									
n 1800	Excav, bulk bank measure, .5 CY = 30 CY/hr, hyd excavator, truck mntd		58.67	cy	Lab	240.00000 cy/cd	0.24	cd	844.154	206
	Excvtng,Bulk Bank Measure				Eqp	240.00000 cy/cd	0.24	cd	1,062.231	260
	3.911	Labor hours								
	1.96	Equipment hours								
3123.2313	Backfill, General									
n 1600	Backfill, bulk, 6" to 12" lifts, dozer backfilling		39.111	cy	Lab	800.00000 cy/cd	0.05	cd	645.94	32
	Backfill, General				Eqp	800.00000 cy/cd	0.05	cd	1,642.894	80
	0.59	Labor hours								
	0.782	Equipment hours								

Item	Description	Location	Takeoff Qty	W%	Conversion	Order Qty	Unit Price	Amount
	EXCAVATION & FILL							1,202
	17.17 Labor hours							
	6.962 Equipment hours							

Estimate Totals

Description	Amount	Totals	Hours	Rate	Cost Basis	Cost per Unit	Percent of Total
Labor	9,438		194.782 hrs				10.17%
Material	37,776						40.72%
Subcontract							
Equipment	4,976		136.599 hrs				5.36%
Other							
	<u>52,190</u>	<u>52,190</u>					<u>56.26 #####</u>
Historic Preservation Factor					T		
Design Contingency (Std 20%)	10,438			20.000 %	T		11.25%
Total Allocatable Cost	10,438	62,628					11.25 #####
General & Administrative (15%)	9,394			15.000 %	T		10.13%
Overhead (Standard 15%)	10,803			15.000 %	T		11.65%
Profit (Standard 12%)	9,939			12.000 %	T		10.71%
Total Services Cost	30,136	92,764					32.49 #####
Total		92,764					