



**DATE: 9/2/2021**

**SOMERVILLE PSB  
COST ESTIMATE**

All,

Please find the Schematic Design Cost Estimate for the Public Safety Building. The cost estimate is still being vetted by our consultants so we are providing this as a Draft for review.

**SCHEMATIC DESIGN COST ESTIMATE:**

The cost estimate is based on: 74,323 SF Main Building (4-stories) at \$770 / SF and 55,953 SF of open-air parking garage at \$100 / SF

Respectfully Submitted,

*Angela Campbell*

Context Architecture



**Schematic Estimate**  
**COST ESTIMATE**  
**DRAFT**  
**Somerville Public Safety Building**  
**Somerville, MA**

September 2, 2021

**GRAND SUMMARY**

NEW PUBLIC SAFETY BUILDING				\$53,003,244
HAZARDOUS MATERIALS ABATEMENT				NIC
				-----
		TOTAL DIRECT COST		\$53,003,244
DESIGN CONTINGENCY		10%		\$5,300,324
CM CONTINGENCY		4%		\$2,332,143
ESCALATION ( fall 2022)		4%		\$2,425,428
GENERAL CONDITIONS	24	mos	\$160,000	\$3,840,000
GENERAL REQUIREMENTS		4%		\$2,676,046
BUILDING PERMIT		1%		\$695,772
BOND'S & GL INSURANCE		2.0%		\$1,405,459
PROFIT		2.75%		\$1,971,156
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		TOTAL CONSTRUCTION COST		\$73,649,573
		COST PER SF		\$542.73

- \*Excludes Site A
- \*Excludes city sidewalk and street curb replacement
- \*Excludes contaminated soil and classified disposal premiums
- \*Excludes radio communication equipment and tower
- \*Assume Early Site Package levels site to elev. 17.5'

PROJECT: Somerville Public Safety Building  
 LOCATION: Somerville, MA  
 CLIENT: Context Architecture  
 DATE: 02-Sep-21

NO. OF SQ. FT.: 135,701  
 COST PER SQ. FT.: 390.59

No. 17118

SUMMARY	DIVISION TOTAL	PERCENT OF PROJECT	COST PER SF
<b>DIVISION 02 - EXISTING CONDITIONS</b>			
022820 HAZARDOUS MATERIAL REMEDIATION	0	0%	0.00
024116 DEMOLITION	0	0%	0.00
<b>DIVISION 03 - CONCRETE</b>			
033000 CAST IN PLACE CONCRETE	2,543,482	5%	18.74
<b>DIVISION 04 - MASONRY</b>			
042000 UNIT MASONRY*	3,525,357	7%	25.98
<b>DIVISION 05 - METALS</b>			
051200 STRUCTURAL STEEL	4,930,016	9%	36.33
053000 METAL DECKING	966,035	2%	7.12
054100 EXTERIOR METAL FRAMING & SHEATHING	0	0%	0.00
055000 METAL FABRICATIONS*	1,685,268	3%	12.42
<b>DIVISION 06 - WOOD, PLASTICS &amp; COMPOSITES</b>			
061000 ROUGH CARPENTRY	282,160	1%	2.08
062000 FINISH CARPENTRY	497,805	1%	3.67
<b>DIVISION 07 - THERMAL &amp; MOISTURE PROTECTION</b>			
071001 DAMPPROOF., WATERPROOF. & SEALANT*	550,766	1%	4.06
070002 ROOFING & FLASHING*	1,267,218	2%	9.34
072100 THERMAL INSULATION	160,440	0%	1.18
072700 AIR & WATER RESISTIVE BARRIERS	0	0%	0.00
074243 METAL WALL & CANOPY PANELS	2,524,860	5%	18.61
077233 ROOF HATCH	7,800	0%	0.06
078400 FIRESTOPPING	571,072	1%	4.21
<b>DIVISION 08 - OPENINGS</b>			
080008 GLASS AND GLAZING*	0	0%	0.00
080009 ALUM. CURTAINWALL, FRAMING & ALUM WIND*	4,522,846	9%	33.33
081113 METAL DOORS AND FRAMES	261,587	0%	1.93
081416 FLUSH WOOD DOORS	104,820	0%	0.77
083100 ACCESS DOORS AND PANELS	18,000	0%	0.13

SUMMARY	DIVISION TOTAL	PERCENT OF PROJECT	COST PER SF
083400 DETENTION DOORS & FRAME ASSEMBLY	185,250	0%	1.37
083613 SECTIONAL OVERHEAD DOORS	83,500	0%	0.62
087100 DOOR HARDWARE	345,850	1%	2.55
089000 ARCHITECTURAL LOUVERS & VENTS	1,700	0%	0.01
<b>DIVISION 09 - FINISHES</b>			
090003 TILING, CERAMIC & STONE *	513,808	1%	3.79
090006 RESILIENT FLOORING*	466,913	1%	3.44
090009 PAINTING*	493,133	1%	3.63

092900 GYPSUM WALLBOARD ASSEMBLIES	1,877,839	4%	13.84
095100 ACOUSTICAL CEILING SYSTEMS*	399,441	1%	2.94
096723 SEAMLESS EPOXY FLOORING	93,442	0%	0.69
096810 CARPET TILE	108,905	0%	0.80
099699 WATER VAPOR EMISSION CONT. SYSTEM	0	0%	0.00
<b>DIVISION 10 - SPECIALTIES</b>			
101100 VISUAL DISPLAY SURFACES	18,375	0%	0.14
101400 SIGNAGE	91,680	0%	0.68
102800 TOILET COMPARTMENTS & ACCESSORIES	64,997	0%	0.48
104400 SAFETY SPECIALTIES	13,250	0%	0.10
107500 FLAGPOLES	0	0%	0.00
100000 MISC. SPECIALTIES	589,949	1%	4.35
<b>DIVISION 11 - EQUIPMENT</b>			
113100 APPLIANCES	0	0%	0.00
119000 MISC. EQUIPMENT	1,036,480	2%	7.64
<b>DIVISION 12 - FURNISHINGS</b>			
129000 FURNISHINGS	153,000	0%	1.13
<b>DIVISION 13 - SPECIAL CONSTRUCTION</b>			
DIVISION 13 - SPECIAL CONSTRUCTION	0	0%	0.00
<b>DIVISION 14 - CONVEYING EQUIPMENT</b>			
142000 ELEVATOR*	500,000	1%	3.68

SUMMARY	DIVISION TOTAL	PERCENT OF PROJECT	COST PER SF
<b>DIVISION 21 - FIRE SUPPRESSION</b>			
210000 FIRE PROTECTION*	879,876	2%	6.48
<b>DIVISION 22 - PLUMBING</b>			
220000 PLUMBING*	2,121,485	4%	15.63
<b>DIVISION 23 - HVAC</b>			
230000 HVAC*	7,441,259	14%	54.84
<b>DIVISION 26 - ELECTRICAL</b>			
260000 ELECTRICAL	8,016,650	15%	59.08
<b>DIVISION 31 - EARTHWORK</b>			
310000 EARTHWORK	1,325,310	3%	9.77
311000 SITE CLEARING	283,000	1%	2.09
<b>DIVISION 32 - EXTERIOR IMPROVEMENTS</b>			
321000 PAVING SIDEWALKS AND CURBING	469,941	1%	3.46
323000 SITE IMPROVEMENTS	303,833	1%	2.24
328000 IRRIGATION	59,362	0%	0.44
329000 LANDSCAPING WORK	138,818	0%	1.02
<b>DIVISION 33 - UTILITIES</b>			
330000 UTILITIES	506,670	1%	3.73
DIRECT COST	----- 53,003,244	100%	390.59

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
DIVISION 02 - EXISTING CONDITIONS				
022820 HAZARDOUS MATERIAL REMEDIATION				
		SEE GRAND SUMMARY		0
				-----
				0
024116 DEMOLITION				
		SEE GRAND SUMMARY		
				-----
				0
DIVISION 03 - CONCRETE				
033000 CAST IN PLACE CONCRETE				
<b>PSB BUILDING:</b>				
Perm. Column Footing 8' x 8' x 2' (35 ea): 4,000 psi, NW, (incl. placement)	166	CY	265.00	43,990
Formwork - 1'	2,240	SFCA	10.00	22,400
Rebar	20,750	LBS	1.35	28,013
<i>*unit cost \$568.69</i>				
Int. Column Footing 9' x 9' x 2' (32 ea): 4,000 psi, NW, (incl. placement)	192	CY	265.00	50,880
Formwork - 1'	2,304	SFCA	10.00	23,040
Rebar	24,000	LBS	1.35	32,400
<i>*unit cost \$553.75</i>				
Perim Wall Footing ( 1' x 3'@ 435 lf): 4,000 psi, NW, (incl. placement)	48	CY	265.00	12,720
Formwork	870	SFCA	7.50	6,525
Rebar	3,600	LBS	1.35	4,860
<i>*unit cost \$502.19</i>				
Frost Wall ( 18" x 4' d @ 686 lf): 4,000 psi, NW, (incl. placement)	152	CY	230.00	34,960
Formwork - wall	5,488	SFCA	20.25	111,132
Reinforcing steel	22,800	LBS	1.35	30,780
<i>*unit cost \$1,163.63</i>				
Grade Beam	25	CY	1,100.00	27,500
15" Elev mat w/ sump	12	CY	525.00	6,300
12" Elev pit wall 5'D	12	CY	975.00	11,700
Set and grout baseplate	67	EA	245.00	16,415
Sta. stair pan fill - full flt.	13	FLTS	4,000.00	52,000
Int. mech equip pads	1	LS	5,000.00	5,000

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Pier/Pilaster - allow	40	CY	1,300.00	52,000
5" Slab on Grade - Typ: 3,500 psi, NW, (incl. placement)	148	CY	275.00	40,800
6x6 W2.9 X W2.9	9,614	SF	1.88	18,074
Control Joint	641	LF	3.10	1,987
Depressed slab edge	100	LF	5.50	550
Trowel Finish	9,614	SF	3.00	28,842
*unit cost \$9.39				
8" Slab on Grade - App Room: 4,000 psi, NW, (incl. placement)	300	CY	275.00	82,500
Reinforcing steel	24,000	LBS	1.65	39,600
Control Joint	1,600	LF	3.10	4,960
Depressed slab edge	200	LF	5.50	1,100
Trowel Finish	12,133	SF	3.00	36,399
*unit cost \$13.56				
3 1/4" LW 3,000psi Deck Floor Deck Fill:				
Mezzanine	5,585	SF	10.35	57,805
Second Floor	23,014	SF	10.35	238,195
Third Floor	16,288	SF	10.35	168,581
Fourth Floor	12,823	SF	10.35	132,718
3 1/4" LW Deck Roof Fill:				
Terrace	1,570	SF	10.35	16,250
Roof deck ( 21,917 sf)		N/A		
<b>GARAGE:</b>				
Column Footing 8' x 8' x 2' (47 ea): 4,000 psi, NW, (incl. placement)	223	CY	265.00	59,095
Formwork - 1'	3,008	SFCA	10.00	30,080
Rebar	27,875	LBS	1.35	37,631
*unit cost \$568.64				
Perim Wall Footing ( 1' x 3' @ 391 lf): 4,000 psi, NW, (incl. placement)	43	CY	265.00	11,395
Formwork	782	SFCA	7.50	5,865
Rebar	3,225	LBS	1.35	4,354
*unit cost \$502.65				
Frost Wall ( 18" x 4' d @ 409 lf): 4,000 psi, NW, (incl. placement)	148	CY	230.00	34,040
Formwork - 4'	2,432	SFCA	20.25	49,248
Formwork - 14'	2,940	SFCA	25.00	73,500
Reinforcing steel	22,200	LBS	1.35	29,970
*unit cost \$1,261.88				
Interior Foundations:				
Wall Footing	43	CY	550.00	23,650
12" Foundation wall	58	CY	1,200.00	69,600
Grade Beam	10	CY	1,100.00	11,000
Set and grout baseplate	47	EA	245.00	11,515
Sta. stair pan fill - full flt.	2	FLTS	4,000.00	8,000

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Pier/Pilaster - allow	25	CY	1,300.00	32,500
5" Slab on Grade - Typ: 4,000 psi, NW, (incl. placement)	307	CY	275.00	84,478
6x6 W2.9 X W2.9	19,906	SF	1.65	32,845
Control Joint	1,330	LF	3.10	4,123
Depressed slab edge	200	LF	5.50	1,100
Trowel Finish	19,906	SF	3.00	59,718
*unit cost \$9.16				
3 1/4" NW 5,000 psi Deck Floor Deck Fill:				
Second Floor	19,885	SF	9.80	194,873
Third Floor	16,138	SF	9.80	158,152
3 1/4" LW Deck Roof Fill:				
Roof deck ( 19,970 sf )		N/A		
Concrete Hardener	16,839	SF	4.50	75,776
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				2,543,482

## DIVISION 04 - MASONRY

## 042000 UNIT MASONRY\*

Exterior Veneer:				
Brick Veneer	1,476	SF	44.00	64,944
Brick veneer - facade columns	953	SF	52.00	49,556
4" GF CMU - Garage Separation	4,747	SF	36.00	170,892
Architectural Precast:				
Cast stone Signage band and Cornice - west elev.	750	SF	150.00	112,500
Cast stone watertable	2,175	SF	75.00	163,125
Cast stone 8" base	722	LF	65.00	46,930
Cast stone watertable cap	722	LF	80.00	57,760
4" Limestone Panel:				
Limestone Bldg veneer ( inc. sub frame )	5,044	SF	120.00	605,280
Stainless Steel flashing	1	LS	25,000.00	25,000
Exterior Wall Back Up:				
8" CMU - Garage bldg	11,370	SF	31.00	352,470
8" CMU - parapet garage	2,015	SF	31.00	62,465
Interior CMU Partition:				
4" CMU - Ext wall App bays	7,527	SF	28.50	214,520
4" CMU - Garage Separation	4,832	SF	28.50	137,712
E1 - 4" CMU	696	SF	28.00	19,488
E2 - 6" CMU	729	SF	29.50	21,506
E3 - 8" CMU	22,161	SF	31.00	686,991
E3 - 8" CMU ( solid grout and reinforcement )	7,543	SF	36.00	271,548
E3 - 8" CMU ( rated elev shaft )	4,578	SF	37.50	171,675
E4 - 10" CMU	487	SF	33.00	16,071



DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
E5 - 12" CMU	554	SF	35.00	19,390
F1 - 3" CMU	4,606	SF	28.00	128,968
F1 - 3" CMU ( solid grout )	437	SF	31.00	13,547
Garage 8" CMU	3,565	SF	29.50	105,168
8" Cell bunk knee wall - 16" h	151	SF	52.00	7,852
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				3,525,357

## DIVISION 05 - METALS

## 051200 STRUCTURAL STEEL

## Structural Steel - PSB Floor ( 57,710 sf):

Wide Flange Beams ( 11 lbs /sf )	317.41	TON	5,000.00	1,587,025
HSS Beam ( .5 lbs/sf )	14.43	TON	5,300.00	76,466
HSS Column ( 2 lbs/ sf )	57.71	TON	5,300.00	305,863
HSS Brace Frame ( 1.5 lbs sf )	43.28	TON	5,500.00	238,054

Galv. Steel Roof Dunnage	6	TON	4,150.00	24,900
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## Structural Steel - PSB Roof and Terrace Deck ( 23,487 sf):

Wide Flange Beams ( 11 lbs /sf )	129.18	TON	5,000.00	645,893
HSS Beam ( .5 lbs/sf )	5.87	TON	5,300.00	31,120
HSS Column ( 2 lbs/ sf )	23.49	TON	5,300.00	124,481
HSS Brace Frame ( 1.5 lbs sf )	17.62	TON	5,500.00	96,884

Shear stud	5,800	EA	5.25	30,450
Moment connection	50	EA	685.00	34,250
Base Plate and bolt	67	EA	235.00	15,745

## Structural Steel - Garage Floor ( 36,023sf):

Wide Flange Beams ( 10 lbs /sf )	162.10	TON	5,000.00	810,518
HSS Beam ( .5 lbs/sf )	9.01	TON	5,300.00	47,730
HSS Column ( 1.5 lbs/ sf )	27.02	TON	5,300.00	143,191
HSS Brace Frame ( .75 lbs sf )	13.51	TON	5,500.00	74,297

## Structural Steel - Garage Roof ( 19,970 sf):

Wide Flange Beams ( 9 lbs /sf )	89.87	TON	5,000.00	449,325
HSS Beam ( .5 lbs/sf )	4.99	TON	5,300.00	26,460
HSS Column ( 1.5 lbs/ sf )	14.98	TON	5,300.00	79,381
HSS Brace Frame ( .75 lbs sf )	7.49	TON	5,500.00	41,188

Shear stud	2,000	EA	5.25	10,500
Moment connection	30	EA	685.00	20,550
Base Plate and bolt	67	EA	235.00	15,745

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4,930,016

## 053000 METAL DECKING

PSB Metal Deck:

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
S - 2" x 18 ga. Comp Floor Deck	57,710	SF	7.50	432,825
S - 2" x 18 ga. Comp Terrace Roof Deck	1,570	SF	7.50	11,775
R- 1 1/2" x 18 ga. High Roof Deck	21,907	SF	6.00	131,442
PSB Metal Deck:				
S - 2" x 18 ga. Comp Floor Deck	36,023	SF	7.50	270,173
R- 1 1/2" x 18 ga. High Roof Deck	19,970	SF	6.00	119,820
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				966,035

## 054100 EXTERIOR METAL FRAMING &amp; SHEATHING

See Division 9 - Gypsum Drywall

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## 055000 METAL FABRICATIONS\*

## Detention:

Cell bunk - 3/8" plt	93	LF	450.00	41,850
Holding bench - 3/8" plt	8	LF	450.00	3,600
Booking bench - 3/8" plt	14	LF	700.00	9,800
Plumbing chase panel ( 11/ A9.3)	8	EA	2,850.00	22,800
Detention bar	25	LF	260.00	6,500
Steel ceiling panels	7	SF	48.00	336
12" w SS counter @ Booking	14	LF	295.00	4,130
24" w SS counter @ Booking	14.0	LF	400.00	5,600
Welded Plate Detention Ceiling	644.0	SF	74.50	47,978

## Second Floor Open stair railing

Second Floor Open stair railing	34	LF	400	13,600
Mezzanine Railing	110	LF	225.00	24,750
Elev. Pit ladder	2	EA	1,300.00	2,600
Elev. Frame	8	EA	3,500.00	28,000
Elev. Sump grate	2	EA	610.00	1,220
Elev louver	1	EA	1,500.00	1,500

## Stainless Steel Splash Guards:

Jan Closet	1	LS	2,500.00	2,500
Decon Locker	1	LS	4,000.00	4,000
Station ware wash	1	LS	4,000.00	4,000
SFD Washer Dryer	1	LS	4,000.00	4,000

## Metal Shelving

Evidence Weapons	1	LS	5,000.00	5,000
Narcotics Storage	1	LS	5,000.00	5,000
SPD Assault	1	LS	5,000.00	5,000
SPD Training	1	LS	5,000.00	5,000
Fire Arms Cleaning	1	LS	5,000.00	5,000
SPD Quartmaster	1	LS	5,000.00	5,000
SPD Motorcycle and Bike Storage	1	LS	5,000.00	5,000
SPD Found property	1	LS	5,000.00	5,000
SPD Marine Storage	1	LS	5,000.00	5,000
Fire training Aids	1	LS	5,000.00	5,000

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Traffic Equipment storage	1	LS	5,000.00	5,000
SFD Bike Storage	1	LS	5,000.00	5,000
SFD Quartmaster	1	LS	5,000.00	5,000
SFD Aux Storage	1	LS	5,000.00	5,000
Hose Racks	1	LS	10,000.00	10,000
Fire Pole	1	LS	28,000.00	28,000
14'H Garage chain link partition	500	SF	33.00	16,500
Garage chain link dbl dr	2	EA	3,500.00	7,000
Slab edge angle @ OH	84	LF	85.00	7,140
OH door frame	6	EA	1,200.00	7,200
Relieve angle		w/Structural		
Glazed terrace rail	107	LF	400	42,800
Exterior Misc. Metals	1	LS	25,000.00	25,000
Angle frame @ CMU partitions 4' oc	748	EA	245.00	183,260
Loose lintels	1	LS	40,000.00	40,000
24" w SS counter @ gun cleaning	14.0	LF	350.00	4,900
14'H Roof access ships ladder	1	EA	8,500.00	8,500
Misc. bldg. metals - psb	74,323	GSF	2.00	148,646
Misc. bldg. metals - garage	55,973	GSF	1.00	55,973
Misc. bldg. metals - mezz/mech	5,585	GSF	1.00	5,585
Metal Pan Stair				
Lobby Stair	1	FLTS	75,000.00	75,000
Stair A	4	FLTS	52,000.00	208,000
Stair B	3	FLTS	48,000.00	144,000
Stair C	5	FLTS	48,000.00	240,000
Stair D	2	FLTS	45,000.00	90,000
Mezzanine Stair	1	FLTS	30,000.00	30,000
Ext Roof Ladder	2	EA	4,500.00	9,000
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				1,685,268

## DIVISION 06 - WOOD, PLASTICS &amp; COMPOSITES

## 061000 ROUGH CARPENTRY

Exterior Wall:				
Window and Door Blocking	3,600	LF	12.50	45,000
Typ Flat Roof Blocking @:				
PSB Building	22,075	SF	1.75	38,631
Garage Building	19,970	SF	1.25	24,963
Interior:				
Elec. backer panel	1,780	SF	14.00	24,920
Interior blocking	74,323	GSF	1.00	74,323
Misc. rough carpentry	74,323	GSF	1.00	74,323
*Includes sections 061900				
				-----
				282,160

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
<b>062000 FINISH CARPENTRY</b>				
Running Trim:				
Chair rail	1,000	LF	44.00	44,000
Solid surface Window sill	150	LF	49.50	7,425
Solid Surface Bathroom Vanity Counter	34	LF	285.00	9,690
Lobby Feature wall	2	LOC	15,000.00	30,000
Elevator Lobby Millwork	4	LVLS	10,000.00	40,000
Misc interior wd trim	1	LS	25,000.00	25,000
Exterior Finish Carpentry:				
Roof Trellis	1	LS	25,000.00	25,000
Lobby 102:				
Main Lobby Desk	15	LF	750.00	11,250
4' Pamphlet rack	1	EA	3,000.00	3,000
5' Display case	2	EA	5,000.00	10,000
#105 Mothers Room:				
Solid Surface Counter	10	LF	265.00	2,650
Base Cabinet	10	LF	350.00	3,500
Wall Cabinet	10	LF	225.00	2,250
#107 Work Room:				
Solid Surface counter	12	LF	265.00	3,180
Base Cabinet	12	LF	350.00	4,200
Wall Cabinet	12	LF	225.00	2,700
Tall Storage Unit	2	EA	2,000.00	4,000
#110 Mail Alcove:				
Mail Box Unit	12	LF	1,000.00	12,000
#109 Report Writing:				
Solid Surface Counter	20	LF	300.00	6,000
#111 Roll call				
Solid Surface Counter	24	LF	300.00	7,200
#138 Aux Day Kitchen:				
Solid Surface counter	10	LF	265.00	2,650
Base Cabinet	10	LF	350.00	3,500
Wall Cabinet	10	LF	225.00	2,250
Tall Storage Unit	2	EA	2,000.00	4,000
#202 Community Room:				
Solid Surface counter	7	LF	265.00	1,855
Base Cabinet	7	LF	350.00	2,450
Wall Cabinet	7	LF	225.00	1,575
#246 Break Room:				
Solid Surface counter	15	LF	265.00	3,975
Base Cabinet	15	LF	350.00	5,250
Wall Cabinet	15	LF	225.00	3,375
Tall Storage Unit	2	EA	2,000.00	4,000
#248 Work Room:				

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Solid Surface counter	12	LF	265.00	3,180
Base Cabinet	12	LF	350.00	4,200
Wall Cabinet	12	LF	225.00	2,700
Tall Storage Unit	2	EA	2,000.00	4,000
#218 Patrol Evidence Prep:				
Solid Surface counter	25	LF	265.00	6,625
Base Cabinet	25	LF	350.00	8,750
Wall Cabinet	25	LF	225.00	5,625
#227 Kitchen & Dining:				
Solid Surface counter	20	LF	265.00	5,300
Base Cabinet	20	LF	350.00	7,000
Wall Cabinet	20	LF	225.00	4,500
Center Island	1	LS	10,000.00	10,000
#231 Washer Dryer:				
Solid Surface counter	6	LF	265.00	1,590
Base Cabinet	6	LF	350.00	2,100
Wall Cabinet	6	LF	225.00	1,350
Tall Storage Unit	2	EA	2,000.00	4,000
#314 Evidence Tech Room:				
Casework	1	LS	10,000.00	10,000
#315 Evidence Lab:				
Solid Surface counter	16	LF	265.00	4,240
Base Cabinet	16	LF	350.00	5,600
Wall Cabinet	16	LF	225.00	3,600
#321 Narcotics Storage	14	LF	400.00	5,600
#322 Assault Storage	18	LF	400.00	7,200
#302 Shared Breakroom:				
Solid Surface counter	10	LF	265.00	2,650
Base Cabinet	10	LF	350.00	3,500
Wall Cabinet	10	LF	225.00	2,250
Tall Storage Unit	2	EA	2,000.00	4,000
#342 Work Room:				
Solid Surface counter	12	LF	265.00	3,180
Base Cabinet	12	LF	350.00	4,200
Wall Cabinet	12	LF	225.00	2,700
Tall Storage Unit	2	EA	2,000.00	4,000
#431 Fire Arms Cleaning				
SS Counter		w/ misc metals		
Base Cabinet	14	LF	350.00	4,900
Wall Cabinet/ shelving	14	LF	225.00	3,150
#435 Training Aid Storage:				
Shelving	22	LF	250.00	5,500
#428 Police Admin Conference Rm:				
Credenza	15	LF	650.00	9,750

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
<b>#409 Work Room:</b>				
Solid Surface counter	12	LF	265.00	3,180
Base Cabinet	12	LF	350.00	4,200
Wall Cabinet	12	LF	225.00	2,700
Tall Storage Unit	2	EA	2,000.00	4,000
<b>#426 Training Kitchenette:</b>				
Solid Surface counter	17	LF	265.00	4,505
Base Cabinet	17	LF	350.00	5,950
Wall Cabinet	17	LF	225.00	3,825
Tall Storage Unit	2	EA	2,000.00	4,000
<b>#421 Dispatch Breakroom:</b>				
Solid Surface counter	12	LF	265.00	3,180
Base Cabinet	12	LF	350.00	4,200
Wall Cabinet	12	LF	225.00	2,700
Tall Storage Unit	2	EA	2,000.00	4,000
<b>#420 IT Workshop</b>				
Shelving	26	LF	250.00	6,500
				-----
				497,805

## DIVISION 07 - THERMAL &amp; MOISTURE PROTECTION

## 071001 DAMPPROOF., WATERPROOF. &amp; SEALANT\*

Elev pit waterproofing	1	LS	8,500.00	8,500
PSB Found. dampproofing w/drainage bd	2,744	SF	3.45	9,467
Garage Found. dampproofing w/drainage bd	2,686	SF	3.45	9,267
Ext louver, window & dr sealant	3,600	LF	9.80	35,280
Misc. exterior sealants	1	LS	5,000.00	5,000
Int joint sealants	74,323	GSF	1.20	89,188
Air and vapor barrier - adhered :				
Ext wall - PSB	23,874	SF	8.10	193,379
Ext wall - Garage	13,385	SF	8.10	108,419
Wrap Parapet and Roof Edge	6,000	SF	8.10	48,600
Soffit at Cantilever	1,391	SF	8.10	11,267
Ext wall -Perim opening	3,600	LF	9.00	32,400

\*Includes sections 071600, 071613 &amp; 079200

**SPRAY ON FIREPROOFING**

-----  
550,766

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
<b>070002 ROOFING &amp; FLASHING*</b>				
PSB Flat Roof System:				
1/2" recovery bd	22,075	SF	1.75	38,631
Cont Air & vapor barrier - adhered	22,075	SF	4.00	88,300
PVC roofing w / 9" insul & poly	22,075	SF	17.00	375,275
Base flashing	1,200	LF	26.00	31,200
3'H Parapet membrane (4SF/LF)	3,500	SF	7.50	26,250
Roof drain flashing	15	EA	135.00	2,025
Walkway pads -allow	4,500	SF	6.85	30,825
Membrane flashing	22,075	SF	7.00	154,525
Garage Flat Roof System:				
1/2" recovery bd	19,970	SF	1.75	34,948
Cont Air & vapor barrier - adhered		n/a		
PVC roofing w / 6" insul & poly	19,970	SF	14.20	283,574
Base flashing	450	LF	26.00	11,700
3'H Parapet membrane	2,070	SF	7.50	15,525
Roof drain flashing	15	EA	135.00	2,025
Walkway pads -allow	6,000	SF	6.85	41,100
Membrane flashing	19,970	SF	1.00	19,970
Aluminum Flashing - PSB:				
Parapet Cap	812	LF	40.00	32,480
Stair Tower Cornice	90	LF	75.00	6,750
Misc. Roof Flashing	22,075	SF	1.00	22,075
Aluminum Flashing - Garage:				
Parapet Cap	403	LF	40.00	16,120
Expansion Joint	225	LF	62.00	13,950
Misc. Roof Flashing	19,970	SF	1.00	19,970
Proj Roof Panel SYS w/ Flashing @				W/ 074243
*Includes sections 073113, 075423, 076200 & 077600				
				-----
				1,267,218
<b>072100 THERMAL INSULATION</b>				
2" Rigid Slab Insulation - PSB only		N/A		
2" Rigid found insul. - PSB Only		N/A		
6" Batt Cavity Insul		N/A		
5" Mineral wool ext wall insul	28,650	SF	5.60	160,440
				-----
				160,440
<b>072700 AIR &amp; WATER RESISTIVE BARRIERS</b>				
*CARRIES W/ FILED SUB BID				
*Includes sections 072500 & 072600				
				-----
				0

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
074243 METAL WALL & CANOPY PANELS				
Exterior Building Material:				
Masonry Veneer Panel	7,341	SF	80.00	587,280
Metal Composite panel	1,707	SF	85.00	145,095
Terra Cotta - A	8,129	SF	130.00	1,056,770
Terra Cotta - B	868	SF	130.00	112,840
Terracotta inserts	663	SF	150.00	99,450
Wood Panel	37	SF	85.00	3,145
Allow for hidden areas	3,969	SF	100.00	396,900
Soffit Panel	1,391	SF	80.00	111,280
30" dia Column cover	22	VLF	550.00	12,100
				-----
				2,524,860
077233 ROOF HATCH				
Roof hatch	1	EA	7,800.00	7,800
				-----
				7,800
078400 FIRESTOPPING				
Fire stopping	74,323	SF	1.15	85,471
*Includes sections 078123				
Spray-on Fireproofing:				
PSB Building	79,908	SF	3.10	247,715
Parking Garage	55,973	SF	4.25	237,885
				-----
				571,072
DIVISION 08 - OPENINGS				
080008 GLASS AND GLAZING*				
084413 ALUMINUM STOREFRONT AND DOORS				
				-----
				0
080009 ALUM. CURTAINWALL, FRAMING & ALUM WIND*				
Alum. Entrance Door, Frame, Glass, Glazing & HDW:				
Entry Door - dbl	1	PF	10,000.00	10,000
Roof Terrace Door - dbl	1	PR	8,500.00	8,500
Stair Egress - sgl	3	EA	4,900.00	14,700



DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Interior Alum. Door, Frame, Glass, Glazing & HDW:				
Vestibule Door - dbl	1	PF	10,000.00	10,000
Community Room - sgl	1	EA	3,500.00	3,500
Ext Alum. Curtain wall - trp glaze				
Extruded alum Horz Sun Screen	19,643	SF	195.00	3,830,385
	3,411	LF	140.00	477,540
Alum punch in window -trp glaze				
	385	SF	145.00	55,825
Interior lum Storefront:				
Community Rm - 10'	189	SF	118.00	22,302
Fire Lobby - 7'	22	SF	118.00	2,596
Vestibule Entry - 12'	319	SF	118.00	37,642
Security Glazing - Premium				
Vestibule - school guard	319	SF	38.00	12,122
First Floor Entry - school guard	993	SF	38.00	37,734
				-----
				4,522,846

## 081113 METAL DOORS AND FRAMES

7'H EXT HM Frames:				
Door - sgl	1	EA	335.00	335
7'H EXT HM Door:				
Roof Access - sgl	1	EA	700.00	700
7'H INT HM Frames:				
Door - sgl	176	EA	275.00	48,400
Door- dbl	8	EA	290.00	2,320
Cased Opening	8	EA	350.00	2,800
Interior HM Borrowed Light Frames:				
Fire Arms	14	SF	88.00	1,232
Allow for Int. BL	2,000	SF	88.00	176,000
Detention Door HM Doors (Inc Glass & Glazing):				
Detention door - sgl	12	EA	950.00	11,400
Interior STL Doors (Inc Glass & Glazing):				
Garage - dbl	2	EA	1,300.00	2,600
Garage - sgl	1	EA	650.00	650
Garage Entry - sgl	4	EA	750.00	3,000
Garage Stair - sgl	3	EA	750.00	2,250
MEP - sgl	15	EA	520.00	7,800
MEP - dbl	2	EA	1,050.00	2,100
				-----
				261,587

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
<b>081416 FLUSH WOOD DOORS</b>				
Interior (pre-finish) Wood Doors (Inc Glass & Glazing):				
Administration - sgl	95	EA	700.00	66,500
Administration - dbl	2	EA	1,400.00	2,800
Bathroom/Locker room - sgl	22	EA	550.00	12,100
Stair - sgl	12	EA	750.00	9,000
Storage - sgl	24	EA	515.00	12,360
Storage - dbl	2	EA	1,030.00	2,060
				-----
				104,820
<b>083100 ACCESS DOORS AND PANELS</b>				
Access panels -allow	40	EA	450.00	18,000
				-----
				18,000
<b>083400 DETENTION DOORS &amp; FRAME ASSEMBLY</b>				
Detention Area:				
Cell door - swing	8	EA	16,500.00	132,000
Cell plumb chase access dr 1' 10" x2' 6"	8	EA	5,000.00	40,000
Booking window(9'8" x4')	1	EA	9,500.00	9,500
Holding cell window (4'x4')	1	EA	3,750.00	3,750
*Includes security hardware spec 111920				
				-----
				185,250
<b>083613 SECTIONAL OVERHEAD DOORS</b>				
O.H. Door (Elec. Op):				
App Bay 14' x 14'	3	EA	18,000.00	54,000
Evidence Bay - 10' x 14'	1	EA	14,750.00	14,750
Sallyport 10' x 14'	1	EA	14,750.00	14,750
				-----
				83,500
<b>087100 DOOR HARDWARE</b>				
Ext Hdw Set ( NIC Alum Entry Dr):				
Roof Access - sgl	1	EA	2,500.00	2,500
Int Hdw Set -Detention Area:				
Detention door - sgl	12	EA	2,500.00	30,000

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Int Hdw Set -Typ Doors :				
Garage - dbl	2	EA	3,000.00	6,000
Garage - sgl	1	EA	2,200.00	2,200
Garage Entry - sgl	4	EA	2,200.00	8,800
Garage Stair - sgl	3	EA	2,800.00	8,400
MEP - sgl	15	EA	850.00	12,750
MEP - dbl	2	EA	1,200.00	2,400
Administration - sgl	95	EA	1,800.00	171,000
Administration - dbl	2	EA	2,600.00	5,200
Bathroom/Locker room - sgl	22	EA	1,200.00	26,400
Stair - sgl	12	EA	3,200.00	38,400
Storage - sgl	24	EA	750.00	18,000
Storage - dbl	2	EA	1,150.00	2,300
Entry Auto opener	1	LS	11,500.00	11,500
*Card access system, auto openers, OH doors and alum entry hardware specified elsewhere				
				----- 345,850
089000 ARCHITECTURAL LOUVERS & VENTS				
Alum. Louvers -allow	20	SF	85.00	1,700
				----- 1,700
DIVISION 09 - FINISHES				
090003 TILING, CERAMIC & STONE *				
Vestibule & Lobby:				
Terrazzo flooring	1,790	SF	50.00	89,500
Terrazzo base	224	LF	23.00	5,152
Precast Stair Tread				
Lobby Stair	210	LFR	165.00	34,650
Toilet Room -Sgl User ( 10 EA):				
Ceramic floor tile	2,780	SF	29.00	80,620
Waterproofing membrane - floor	2,175	SF	8.00	17,400
Waterproofing membrane - shower wall	1,600	SF	8.00	12,800
Stone threshold	26	EA	115.00	2,990
8'h Ceramic wall tile	9,597	SF	26.00	249,522
Kitchen:				
Porcelain Tile	668	SF	30.00	20,040
PT Base	81	LF	14.00	1,134
				----- 513,808
090006 RESILIENT FLOORING*				

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Linoleum Tile	13,379	SF	6.75	90,308
Radial Rubber Floor Tile	8,282	SF	18.20	150,732
Sports Flooring	2,999	SF	19.00	56,981
Rubber base	8,667	LF	2.55	22,101
Moisture Mitigation - Koster	24,660	SF	5.00	123,300
Rubber Stair Tread and riser: Stair Treatment:				
Stair A	356	LFR	16.20	5,767
Stair B	356	LFR	16.20	5,767
Stair C	570	LFR	16.20	9,234
Stair D	168	LFR	16.20	2,722
				-----
				466,913
090009 PAINTING*				
Int. painting - PSB	74,323	GSF	5.10	379,047
Int. painting - Garage	55,793	GSF	2.00	111,586
Exterior Painting:				
Misc. exterior painting	1	LS	2,500.00	2,500
*Excludes prefinished misc metals, wall panels & trim				-----
				493,133
092900 GYPSUM WALLBOARD ASSEMBLIES				
Exterior Wall 6" x 16 ga stud:				
6" x 16 ga stud - PSB bldg	21,797	SF	10.75	234,318
6" x 16 ga stud - parapet psb	2,077	SF	10.75	22,328
1/2" Dens glass	23,874	SF	3.85	91,915
1/2" Dens glass-parapet backside	4,092	SF	3.85	15,754
1 lyr 5/8" at ext wall	20,000	SF	3.30	66,000
Terrace Cantilever:				
3" stud Frame	1,391	SF	9.00	12,519
1/2" Dens glass	1,391	SF	4.00	5,564
Roof Eave/Cornice Framing:				
3" Light gauge framing	1,500	SF	9.00	13,500
1/2" Dens glass	1,500	SF	5.00	7,500
Interior Partitions -Complete:				
A	2,849	SF	14.00	39,886
A1	5,969	SF	6.75	40,291
A2	188	SF	7.75	1,457
A3	2,530	SF	8.25	20,873
A4	274	SF	10.50	2,877
B2 ( 1 hour)	42,778	SF	13.75	588,198
B3	14,838	SF	16.00	237,408
C1 (inc. plywood )	1,600	SF	18.25	29,200

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
C4 (inc. plywood )	1,689	SF	20.50	34,625
G3	1,930	SF	18.50	35,705
H1	1,321	SF	18.00	23,778
Load, distribute clean-up	74,323	GSF	0.50	37,162
Misc. Partitions	74,323	GSF	1.00	74,323
Interior Ceiling & Soffits :				
Gyp ceiling	15,390	SF	10.50	161,595
Gyp ceiling 2 lyr		N/A		
Gyp Soffit	74,323	GSF	1.00	74,323
*GWB includes sound attenuation, tape and joint compound finish				
FRP Panel - 8'	613	SF	11.00	6,743
				-----
				1,877,839
095100 ACOUSTICAL CEILING SYSTEMS*				
Typ ACT 1 - 2 x 2	37,038	SF	7.00	259,266
ACT 2 - 2 x 2 Security Ceiling	1,615	SF	45.00	72,675
Allow for Specialty Ceiling	1	LS	50,000.00	50,000
Acoustical Wall Panels:				
Dispatch - allow	500	SF	35.00	17,500
				-----
				399,441
096723 SEAMLESS EPOXY FLOORING				
Resinous Epoxy Flooring w/ Integral base:				
Detention	1,994	SF	20.00	39,880
Lab	518	SF	18.70	9,687
Lockers	2,340	SF	18.75	43,875
				-----
				93,442
096810 CARPET TILE				
Carpet tile	18,940	SF	5.75	108,905
*Excludes moisture mitigation at carpet				
				-----
				108,905
099699 WATER VAPOR EMISSION CONT. SYSTEM				
* carried w/ Resilient Flooring				
				-----
				0

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
DIVISION 10 - SPECIALTIES				
101100 VISUAL DISPLAY SURFACES				
Markerboard 4x8	15	EA	750.00	11,250
Tackboard 4x8	15	EA	475.00	7,125
				-----
				18,375
101400 SIGNAGE				
Allow:				
Interior door signage	184	EA	95.00	17,480
Dedication plaque -30"x30"	1	EA	3,200.00	3,200
30" Pin Letter	30	EA	700.00	21,000
Exterior BLG MTD Graphic		NIC		
Misc Exterior BLG MTD Signage	1	LS	50,000.00	50,000
				-----
				91,680
102800 TOILET COMPARTMENTS & ACCESSORIES				
Stainless Steel Partition:				
Urinal screen	1	EA	500.00	500
Std. toilet partition	8	EA	2,100.00	16,800
ADA toilet partition	4	EA	2,400.00	9,600
Paper towel dispenser/disposal	26	EA	225.00	5,850
Toilet tissue dispenser	41	EA	35.00	1,435
Toilet grab bars	50	EA	75.00	3,750
Soap dispenser	33	EA	45.00	1,485
Framed mirror	33	EA	225.00	7,425
STD shower accessories	21	EA	500.00	10,500
Coat hook	41	EA	22.00	902
Allow:				
Baby changing sta.	2	EA	575.00	1,150
SS Mop sink splash	3	EA	200.00	600
Locker rm accessories	1	LS	5,000.00	5,000
*Excludes kitchen and work room accessories				
				-----
				64,997
104400 SAFETY SPECIALTIES				
Allow:				
Fire extinguishers & cab	20	EA	450.00	9,000
Fire extinguishers & bracket	6	EA	275.00	1,650
AED w/ cabinet	4	EA	650.00	2,600

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
				----- 13,250
107500 FLAGPOLES				
Flagpole w/conc ftg		see sitework		----- 0
100000 MISC. SPECIALTIES				
Metal Lockers:				
Gun locker	2	EA	750.00	1,500
Police Locker	126	EA	2,100.00	264,600
Turn out Gear Locker	75	EA	1,985.00	148,875
Decon Gear Locker	14	EA	1,985.00	27,790
Personnel Locker	32	EA	450.00	14,400
Fitness Rm Mirror 4'w	200	SF	90.00	18,000
Dispatch Personnel locker	24	EA	500.00	12,000
Roof Screen		NIC		
102219 PARTITIONS				
Demountable Partition @ Detective Office	1	LS	50,000.00	50,000
Allow:				
Weapons discharge station	1	EA	1,200.00	1,200
Dispatch access flooring	1,664	SF	31.00	51,584
				----- 589,949
DIVISION 11 - EQUIPMENT				
119000 MISC. EQUIPMENT				
111200 PARKING CONTROL EQUIPMENT				
Garage Parking Gate and Controls	1	LS	30,000.00	30,000
Projection Screen	1	EA	9,500.00	9,500
Projector mount	1	EA	1,500.00	1,500
AV equipment		NIC		
Fitness equipment		NIC		

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
#318 Evidence Locker: Evidence Locker	16	EA	750.00	12,000
#316 Evidence Lab & processing: Pass thru lockers	1	LS	15,000.00	15,000
Refrigerator-under ctr	1	EA	1,500.00	1,500
Fume hood	1	EA	10,500.00	10,500
Evidence Dusting Station	1	LS	15,000.00	15,000
#431 Gun Cleaning : Weapons Cleaning Device	1	EA	1,000.00	1,000
Fume hood	1	EA	10,500.00	10,500
Community Room #202: Refrigerator	1	EA	1,500.00	1,500
Aux / Day Kitchen: Refrigerator	1	EA	2,500.00	2,500
Range 4 burner	1	EA	4,500.00	4,500
Microwave	1	EA	1,000.00	1,000
Kitchen Hood	1	EA	2,800.00	2,800
Dishwasher	1	EA	1,200.00	1,200
Break Rm #227: Refrigerator	1	EA	2,500.00	2,500
Range 6 burner	1	EA	6,000.00	6,000
Microwave	1	EA	1,000.00	1,000
Kitchen Hood	1	EA	2,800.00	2,800
Dishwasher	1	EA	1,200.00	1,200
Break Rm #246: Refrigerator	1	EA	2,500.00	2,500
Range 6 burner	1	EA	6,000.00	6,000
Microwave	1	EA	1,000.00	1,000
Kitchen Hood	1	EA	2,800.00	2,800
Dishwasher	1	EA	1,200.00	1,200
Third Floor Break Rooms: Refrigerator	2	EA	1,500.00	3,000
Microwave	2	EA	800.00	1,600
Dishwasher	2	EA	1,100.00	2,200
Fourth Floor Break Rooms: Refrigerator	2	EA	1,500.00	3,000
Microwave	2	EA	800.00	1,600
Dishwasher	2	EA	1,100.00	2,200
Laundry Closet Appliance : *Includes sections 111920& 113000		N/A		
High Density Shelving System: Police Active File - Rm #414 File Unit	10	EA	7,500.00	75,000
Recess Floor Track	30	LF	265.00	7,950
General Storage #311: File Unit	10	EA	20,000.00	200,000



DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Recess Floor Track	272	LF	265.00	72,080
#323 CID Secure Storage:				
File Unit	13	EA	10,000.00	130,000
Recess Floor Track	96	LF	265.00	25,440
#325 Inactive Record Storage:				
File Unit	11	EA	15,000.00	165,000
Recess Floor Track	128	LF	265.00	33,920
#335 Active Records Storage:				
File Unit	13	EA	5,000.00	65,000
Recess Floor Track	66	LF	265.00	17,490
Fourth Floor:				
Tactile Training Office		NIC		
Fire Arms Training Simulator		NIC		
Gear Wash:				
Unimac Extractor	2	EA	7,650.00	15,300
Unimac PPE Gear Dryer	2	EA	9,350.00	18,700
Install owner furnished equipment	1	LS	50,000.00	50,000
				-----
				1,036,480

## DIVISION 12 - FURNISHINGS

## 129000 FURNISHINGS

Manual Op Roller Shade	10,000	SF	7.50	75,000
Elec Op shade	2,500	SF	30.00	75,000
Vestibule entry mat	1	EA	3,000.00	3,000
*Includes sections 122400 & 124800				-----
				153,000

## DIVISION 13 - SPECIAL CONSTRUCTION

N/A

## 130000 SPECIAL CONSTRUCTION

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0

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
DIVISION 14 - CONVEYING EQUIPMENT				
142000 ELEVATOR*				
Passenger Elevator - 4 stop	2	EA	250,000.00	500,000
				-----
				500,000
DIVISION 21 - FIRE SUPPRESSION				
210000 FIRE PROTECTION*				
Sprinkler System				
PSB Building	74,323	GSF	6.50	483,100
PSB Building - mezz	55,973	GSF	6.50	363,825
Garage - wet system	5,585	GSF	5.90	32,952
Fire Pump		tbd		
				-----
				879,876
DIVISION 22 - PLUMBING				
220000 PLUMBING*				
Fixtures:				
P-1 water closet	25	EA	1,850.00	46,250
P-1A water closet	8	EA	1,850.00	14,800
P-2/a urinal	9	EA	1,625.00	14,625
P-3A ctr lav	16	EA	935.00	14,960
P-3B wall lav	17	EA	1,275.00	21,675
P-4 Drinking Fountain	3	EA	2,750.00	8,250
P-5 mop sink	4	EA	1,550.00	6,200
P-6 Shower	21	EA	2,750.00	57,750
P-6A Decon Shower	3	EA	3,100.00	9,300
P-10 cell combo	8	EA	7,450.00	59,600
P-14 washer box	2	EA	500.00	1,000
P-15 er shower	4	EA	2,150.00	8,600
Booking wall lav	1	EA	2,000.00	2,000
Decon sink	1	EA	2,500.00	2,500
Kitchen sink	4	EA	1,500.00	6,000
Kitchen dbl sink	2	EA	1,750.00	3,500
Lab sink	2	EA	1,800.00	3,600
Laundry Sink	2	EA	1,400.00	2,800
Fixture connection	132	EA	300.00	39,600
Hose bib (incl. conn)	12	EA	1,300.00	15,600
Wall Hydrant (inc. conn)	12	EA	1,500.00	18,000
Domestic Electric Water Heater	1	LS	75,000.00	75,000

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Roof/Storm Drain System	135,701	SF	2.00	271,402
PSB Garage Drainage:				
2" Under slab	450	LF	41.00	18,450
4" Under slab - drain	450	LF	59.00	26,550
4" Under slab - vent	420	LF	59.00	24,780
2"-4" Vent	2,500	LF	47.00	117,500
Trench Drain	90	LF	132.00	11,880
Floor cleanout	9	EA	610.00	5,490
Drain catch basin	9	EA	1,500.00	13,500
Gas and oil separator	2	EA	10,000.00	20,000
Backflow preventer	1	LS	1,850.00	1,850
Parking Garage Drainage	55,793	GSF	2.50	139,483
Under slab Sanitary System:				
3"	300	LF	42.00	12,600
4"	300	LF	59.00	17,700
5"	300	LF	64.00	19,200
6"	300	LF	85.00	25,500
FCO	10	EA	425.00	4,250
FD	14	EA	545.00	7,630
Sanitary System:				
2"-4"	5,280	LF	51.00	269,280
Clean out	40	EA	435.00	17,400
Floor drain	20	EA	630.00	12,600
Trap Primer	1	LS	7,500.00	7,500
Domestic Pipe:				
Branch Pipe	3,900	LF	31.00	120,900
Main Pipe	3,900	LF	60.00	234,000
1" Fiberglass Pipe Insulation:				
Branch Pipe	3,900	LF	9.20	35,880
Main Pipe	3,900	LF	13.00	50,700
Water Service:				
4" Service	20	LF	135.00	2,700
1" Back flow preventer ( mech)	1	EA	775.00	775
2" Back flow preventer ( mech)	1	EA	775.00	775
4" BFP valve and Meter Install	1	EA	11,000.00	11,000
Compressed air system:				
Air Compressor	2	EA	5,800.00	11,600
3/4" CA pipe	650	LF	35.00	22,750
Connection	5	EA	850.00	4,250
Gas Piping		nic		
Test, Perm, Clean, Misc	1	LS	150,000.00	150,000
				-----
				2,121,485

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
DIVISION 23 - HVAC				
230000 HVAC*				
Rooftop Air Handling Unit with Energy Recovery:				
AHU - 1	7,700	CFM	19.00	146,300
AHU - 2	4,800	CFM	19.00	91,200
AHU - 3	9,800	CFM	19.00	186,200
AHU - 4	4,800	CFM	19.00	91,200
AHU - 5	2,400	CFM	19.00	45,600
AHU - 6	9,000	CFM	19.00	171,000
HP-1-5 Modular Multi Stack Unit	250	TONS	1,400.00	350,000
HP Valving	5	EA	3,800.00	19,000
CHWP-2.1,2.2 W/ Suction Diffuser	2	EA	12,500.00	25,000
AS-2	1	EA	7,500.00	7,500
ET-1	1	EA	2,400.00	2,400
Chemical feed	1	LS	5,000.00	5,000
VFD	2	EA	7,500.00	15,000
Coupon Rack	1	EA	15,000.00	15,000
10" Feed Manifold	100	LF	300.00	30,000
8" Manifold S&R	240	LF	195.00	46,800
3" Well Supply and Return	1	ALLOW	25,000.00	25,000
Geothermal Well				
900' Geo well	28	EA	45,000.00	1,260,000
Closed loop S&R	3,000	LF	26.00	78,000
Sound Attenuator:				
SA-1 SA - 2	77,000	CFM	0.75	57,750
Exhaust Fans:				
Lab Exhaust	2	EA	12,500.00	25,000
Garage Exhaust	1	LS	65,000.00	65,000
General Building Exhasut	1	EA	3,200.00	3,200
AC Split System				
Libert Unit - 5 ton	2	EA	32,500.00	65,000
Libert Unit - 7.5 ton	2	EA	40,000.00	80,000
Split system - 1.5 ton	1	EA	12,000.00	12,000
CW/HW Piping	74,323	SF	11.00	817,553
Heating Hot Water:				
VAV Boxes W/ Reheat	45	EA	1,325.00	59,625
Hydraunic heat	74,323	GSF	2.50	185,808
Radiant Floor Heat	12,000	SF	14.50	174,000
Ductwork:				
Registers:				
Grilles/registers/dampers	74,323	SF	1.25	92,904
Galv Ductwork	85,000	LBS	15.00	1,275,000
Stainless stell ductwork	4,000	LBS	20.50	82,000
Alum Ductwork	7,500	LBS	17.25	129,375
Duct insulation	65,000	SF	5.00	325,000

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Misc. HVAC				
Plymovent System	9	DROPS	13,750.00	123,750
Auto temp control	74,323	SF	9.00	668,907
Seismic and vibration	1	LS	50,000.00	50,000
Test and Balance	74,323	SF	1.20	89,188
As built, bim, coordination and misc.	1	LS	350,000.00	350,000
Garage:				
Ventilation - thru wall fan	1	LS	75,000.00	75,000
Stair unit heaters	1	LS	25,000.00	25,000
				-----
				7,441,259
260000 ELECTRICAL				
Power Distribution:				
PSB Building	74,323	GSF	5.75	427,357
Garage	55,792	GSF	1.80	100,426
Mezzanine	5,585	GSF	5.75	32,114
750 kw Diesel Generator	1	LS	475,000.00	475,000
45 kw UPS	1	LS	50,000.00	50,000
Interior Lighting and Branch:				
PSB Building	74,323	GSF	9.00	668,907
Garage	55,792	GSF	3.50	195,272
Mezzanine	5,585	GSF	5.00	27,925
Lighting Control:				
PSB Building	74,323	GSF	2.40	178,375
Garage	55,792	GSF	0.75	41,844
Mezzanine	5,585	GSF	1.00	5,585
Wiring Devices:				
PSB Building	74,323	GSF	3.50	260,131
Garage	55,792	GSF	0.50	27,896
Mezzanine	5,585	GSF	1.00	5,585
Fire Alarm:				
PSB Building	74,323	GSF	3.75	278,711
Garage	55,792	GSF	2.00	111,584
Mezzanine	5,585	GSF	3.75	20,944
Mechanical Wiring:				
PSB Building	74,323	GSF	1.85	137,498
Garage	55,792	GSF	1.00	55,792
Mezzanine	5,585	GSF	1.00	5,585
Miscellaneous systems:				
BDA	1	LS	100,000.00	100,000
Lightning Protection	1	LS	85,000.00	85,000
PA System	1	LS	125,000.00	125,000
Zetron System	1	LS	75,000.00	75,000
Rath AOR System	1	LS	12,500.00	12,500

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Casercracker Interview Rm System		tbd		
Cell Phone Amplification	1	LS	85,000.00	85,000
Intrusion Detection				
PSB Building	74,323	GSF	1.50	111,485
Garage	55,792	GSF	0.25	13,948
CCTV:				
PSB Building	74,323	GSF	2.50	185,808
Garage	55,792	GSF	2.00	111,584
Tele/data:				
PSB Building	74,323	GSF	5.00	371,615
Garage	55,792	GSF	0.50	27,896
Digital Signage	1	LS	25,000.00	25,000
AV System	1	LS	250,000.00	250,000
Photovoltaic Panel - LG 405 panel				
PSB - Building	233	KW	2,950.00	687,350
Garage Bldg	244	KW	2,950.00	719,800
Inverters	1	LS	50,000.00	50,000
PV Feed and Raceway	1	LS	75,000.00	75,000
Site:				
Demo and Disconnect	1	LS	10,000.00	10,000
Tap Elec Manhole	1	LS	10,000.00	10,000
XFMR pad grounding	1	EA	1,176.00	1,176
XFMR pad 90 deg & sleeves	1	EA	734.00	734
Gen/set pad grounding	1	EA	834.00	834
Gen/set pad 90 deg & sleeves	1	EA	734.00	734
Comm manhole tie-in & fitout	1	EA	1,426.00	1,426
EV Station	19	EA	9,200.00	174,800
AA:				
PVC-4"C- w/PS	800	LF	5.49	4,392
BB - Secondary:				
PVC-4"C- w/PS	400	LF	5.49	2,196
CC - T/D:				
PVC-4"C- w/PS	600	LF	5.49	3,294
1" PVC EV feed	500	LF	6.85	3,425
Generator Ductbank	1	LS	10,000.00	10,000
Site Lighting:				
Bollard Light	6	EA	2,500.00	15,000
Pedestrian Lighting	4	EA	3,500.00	14,000
Flag pole light	1	EA	1,500.00	1,500
Misc. Decorative lighting	1	LS	25,000.00	25,000
Temp Power and Light	135,701	SF	1.25	169,626
15% OH&P	1	EA	999,997.82	999,998
DJE	1	EA	350,000.00	350,000
				-----
				8,016,650

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
DIVISION 31 - EARTHWORK				
310000 EARTHWORK				
Site:				
Site grading	11,830	SY	4.00	47,320
Site Cut		n/a		
Dispose of Surplus Mat'l		n/a		
Site Fill - Import	1,500	CY	29.00	43,500
Site fill - 3' mounds	978	CY	45.00	44,010
Structural Bldg Fill	2,400	CY	55.00	132,000
Dewatering	1	LS	30,000.00	30,000
Excavate under slab lines	41,653	SF	1.50	62,480
Excavate and Backfill Foundation	4,000	CY	32.00	128,000
Ground Improvements:				
RAP - Bldg	23,000	SF	20.00	460,000
RAP - Garage	21,000	SF	18.00	378,000
				-----
				1,325,310
311000 SITE CLEARING				
Erosion control - silt fence/Hay bale		nic		
Exist catch basin filter		nic		
Construction fence		nic		
Construction entrance		nic		
Saw cut street @ entries		nic		
Clear & grub		nic		
Site demo and clearing		nic		
Snow Removal	1	LS	50,000.00	50,000
Traffic and Pedestrian Control	1	LS	75,000.00	75,000
Street Cleaning	1	LS	30,000.00	30,000
Parking	1	LS	30,000.00	30,000
Remove utilities	1	LS	20,000.00	20,000
Field Office	1	LS	75,000.00	75,000
Cut and cap utilities	1	LS	3,000.00	3,000
				-----
				283,000
DIVISION 32 - EXTERIOR IMPROVEMENTS				
321000 BASES, BALLASTS AND PAVING				
Bituminous - drive/parking(2"bind, 1 1/2" top)	1,022	SF	4.25	4,344
12" Gravel paving base @ drives	38	CY	75.00	2,850
8" Vehicular concrete pavement	7,107	SF	17.50	124,373
12" Gravel paving base @ drives	263	CY	75.00	19,725

DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
Vert Granite Curb - straight	136	LF	53.00	7,208
Vert Granite Curb - radial	63	LF	59.00	3,717
Site Pedestrian Pavement:				
5" Colored Concrete Pavement	2,532	SF	21.00	53,172
Precast Plaza Paver	4,481	SF	45.00	201,645
5" Concrete Bench pad	220	SF	20.00	4,400
Bit. Walkway Park Pavement	5,727	SF	4.00	22,908
8" Gravel base	320	CY	80.00	25,600
*Excludes city sidewalk and street curb replacement				-----
				469,941

## 323000 SITE IMPROVEMENTS

Site Bench	11	EA	3,000.00	33,000
Bike rack	6	EA	750.00	4,500
Flag Pole	1	EA	11,500.00	11,500
Decorative bollard	4	EA	3,000.00	12,000
Granite landscape planting curb	507	LF	58.00	29,406
Tree Grate	6	EA	3,300.00	19,800
Parking / traffic signage	1	LS	2,000.00	2,000
Misc. Site Furnishings	1	LS	10,000.00	10,000
Playground:				
Resilient Play Surface	2,461	SF	27.00	66,447
Playground underdrain	2,461	SF	1.00	2,461
12" Gravel sub base	61	CY	85.00	5,185
Perm Conc Curb	203	LF	53.00	10,759
4' Vinyl coated chain link fence	197	LF	75.00	14,775
CL Gate	2	EA	3,500.00	7,000
Play Ground Equipment	1	LS	75,000.00	75,000
				-----
				303,833

## 328000 IRRIGATION

Irrigation system				
Planting Bed	1,500	SF	2.00	3,000
Lawn	28,181	SF	2.00	56,362
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				59,362

## 329000 LANDSCAPING WORK

Lawn:



DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL
6" Loam	521	CY	85.00	44,285
Rake seed and fertilize lawn	28,181	SF	0.65	18,318
Planting Bed:				
3" Mulch	15	CY	70.00	1,050
12" Planting soil	57	CY	85.00	4,845
Plantings:				
Tree	22	EA	2,500.00	55,000
Shrubs and Perennials	1,532	SF	10.00	15,320
				-----
				138,818

## DIVISION 33 - UTILITIES

## 330000 UTILITIES

## Site Drainage:

Connect to existing lateral	1	EA	3,500.00	3,500
10" HDPE	72	LF	125.00	9,000
Drain Manhole	2	EA	8,500.00	17,000
Infiltration Field	926	SF	90.00	83,340
Oil & gas separator -complete w/ BLDG conn		EA W /Plumbing		

## Water :

6" Main	55	LF	200.00	11,000
4" Domestic	55	LF	150.00	8,250
Gate Valve	2	EA	2,500.00	5,000
Tap Existing lateral	2	LOC	7,500.00	15,000

## Sanitary:

Street CTE manhole	1	EA	8,500.00	8,500
Sewer line	75	LF	200.00	15,000

## Electric Trench , Concrete and Backfill:

Elec Duct bank	200	LF	125.00	25,000
Secondary ductbank	50	LF	350.00	17,500
Transformer pad	1	EA	5,000.00	5,000
Generator pad	1	EA	5,000.00	5,000
Trench site light	250	LF	16.00	4,000
Light pole and base	4	EA	5,000.00	20,000

## Geothermal:

Closed loop s&r trench	3,000	LF	55.00	165,000
Remove well spoil	1	LS	45,000.00	45,000

## Gas :

Trench only	532	LF	65.00	34,580
Street Patching	1	LS	10,000.00	10,000

\*Utilities include excavation and backfill

\*Excludes Utility Co. back charges

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506,670