

# **Southampton Public Safety Building**

## Study Cost Estimate

125 College Highway  
Town of Southampton, Ma

Prepared by:



Post Office 1988

North Falmouth, Ma 02556

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Prepared for:

**HKT Architects Inc.**

February 21, 2025

# Southampton Public Safety Building

125 College Highway  
Town of Southampton, Ma



Study Cost Estimate

February 21, 2025

## MAIN SUMMARY

Items	Building SF	\$/sf	Estimated Costs
Public Safety Building and Site			\$21,385,117
<b>Total Estimated Study Construction Costs</b>	<b>21,523</b>	<b>\$993.59</b>	<b>\$21,385,117</b>

### Qualifications

**Note:** This cost estimate includes escalation and market bidding conditions contingency until 2026 bids. If bidding is delayed, the annual increase would be in the 6% -8% range each year.

This cost estimate was produced from February 14, 2025 documents received provided by HKT Architects. Design and engineering changes occurring subsequent to the issue of these documents have not been incorporated in this estimate.

This estimate includes all direct construction costs, general contractor's overhead and profit and design contingency. Cost escalation per main summary.

Bidding conditions are expected to be public bidding utilizing chapter 149 filed sub bidding and DCAM qualified General Contractors.

The estimate is based on prevailing wage rates for construction in this market and represents a reasonable opinion of cost. It is not a prediction of the successful bid from a contractor as bids will vary due to fluctuating market conditions, errors and omissions, proprietary specifications, lack or surplus of bidders, perception of risk, etc. Consequently the estimate is expected to fall within the range of bids from a number of competitive contractors or subcontractors, however we do not warrant that bids or negotiated prices will not vary from the final construction cost estimate.

### ITEMS NOT CONSIDERED IN THIS ESTIMATE

- Land acquisition, feasibility, and financing costs
- Items identified in the design as Not In Contract (NIC)
- Items identified in the design as by others
- Work to City streets and sidewalks, (except as noted in this estimate)
- Construction or occupancy phasing or off hours' work, (except as noted in this estimate)
- Rock excavation; special foundations (unless indicated by design engineers)
- Contaminated or unsuitable soils removal or replacement
- Utility company back charges, including work required off-site
- Communications and AV devices and wiring
- Ground improvements
- Building Permits
- Chapter 149a
- Temp facilities
- Tariff material cost increases

### Recommendations For Cost Control

TCI recommends that the Owner and Architect carefully review this document, including line item descriptions, unit prices, clarifications, exclusions, inclusions and assumptions, contingencies, escalation and mark-ups. Request for modifications of any apparent errors or omissions to this document must be made to TCI with in twenty (20) days of receipt of this estimate. Otherwise, it will be understood that the contents have been concurred with and accepted.

It is recommended that TCI using bid documents produce a final update estimate, to determine overall costs changes which have occurred since the preparation of the estimate. The final update estimate will address changes and additions to the document, as well as addenda issued during bidding process. TCI cannot reconcile bid results to an estimate not produced from bid documents.

### Statement Of Probable Cost

TCI has no control over the cost of labor and materials, the general contractor's or any subcontractor's method of determining prices, or competitive bidding and market conditions. The opinion of construction is made on the basis of the experience, qualifications, and best judgment of the professional estimator familiar with the industry. TCI does not guarantee that bids will not vary from this estimate.

TCI staff of professional cost estimators has prepared this estimate in accordance with generally accepted principles and practices.

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<b>CONSTRUCTION COST SUMMARY IN CSI FORMAT</b>		<b>21,523</b>
		<b>ESTIMATED COST</b>
		<b>\$/SF</b>
<b>DIV. 3 CONCRETE</b>		
033000	Cast-in-Place Concrete	\$1,068,459
		\$49.64
<b>DIV. 4 MASONRY</b>		
042000	Unit Masonry (part of 040001 FSB)	\$1,370,240
		\$63.66
<b>DIV. 5 METALS</b>		
051200	Structural Steel Framing and Decking	\$1,020,303
055000	Metal Fabrications (part of 050001 FSB)	\$327,498
		\$47.41
		\$15.22
<b>DIV. 6 WOODS &amp; PLASTICS</b>		
061000	Rough Carpentry	\$43,700
064020	Interior Architectural Woodwork & Casework	\$112,725
		\$2.03
		\$5.24
<b>DIV. 7 THERMAL &amp; MOISTURE PROTECTION</b>		
072100	Thermal Insulation	\$180,324
072700	Waterproofing & Air Barriers (part of 070001 FSB)	\$160,059
074600	Metal Panel Siding and Trim	\$0
		\$0.00
075400	Membrane Roofing (part of 070002 FSB)	\$985,620
075450	Metal Roofing System (part of 070002 FSB)	\$13,000
		\$45.79
		\$0.60
077200	Roof Accessories	\$0
		\$0.00
078410	Fire Proofing & Penetration Firestopping	\$7,500
		\$0.35
079200	Joint Sealants (part of 070001 FSB)	\$65,199
		\$3.03
<b>DIV. 8 DOORS &amp; WINDOWS</b>		
081110	Doors and Frames	\$170,625
		\$7.93
083110	Access Doors and Frames	\$2,500
		\$0.12
083310	Bifold & OH Doors	\$180,000
		\$8.36
084110	Aluminum Punched Windows	\$254,250
		\$11.81
084500	Aluminum-Framed Entrances and Storefronts	\$56,900
		\$2.64
084600	Curtainwall	\$72,000
		\$3.35
084650	Skylights	\$20,000
		\$0.93
087100	Door Hardware	\$42,250
		\$1.96
088000	Glazing	\$22,500
		\$1.05
089000	Louvers and Vents	\$7,500
		\$0.35
<b>DIV. 9 FINISHES</b>		
092110	Gypsum Board Assemblies	\$495,230
		\$23.01
093000	Tiling	\$106,500
		\$4.95
095100	Acoustical Ceilings	\$107,076
		\$4.97
096510	Resilient Flooring and Accessories	\$100,380
		\$4.66
096550	Carpet	\$16,800
		\$0.78
097300	Resinous flooring and base	\$111,000
		\$5.16
099000	Painting and Coating (part of 090007 FSB)	\$151,149
		\$7.02
<b>DIV 10 SPECIALTIES</b>		
101400	Signage	\$15,000
		\$0.70
102800	Toilet Accessories	\$23,070
		\$1.07
104400	Fire Protection Specialties	\$1,800
		\$0.08
106500	Toilet Partitions	\$5,050
		\$0.23
108500	Lockers	\$77,400
		\$3.60
109400	Bullet Resistant Specialties	\$30,000
		\$1.39
109450	Dentention Door Systems	\$34,500
		\$1.60
109950	Misc Specialties	\$42,800
		\$1.99

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<b>CONSTRUCTION COST SUMMARY IN CSI FORMAT</b>	<b>ESTIMATED COST</b>	<b>21,523</b> <b>\$/SF</b>
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**DIV. 11 EQUIPMENT**

113100 Appliances	\$28,900	\$1.34
115100 Misc Equipment	\$21,000	\$0.98

**DIV. 12 FURNISHINGS**

122110 Horizontal Louver Blinds	\$18,560	\$0.86
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**DIV. 14 ELEVATORS**

14100 Elevators - FSB	\$0	\$0.00
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**DIV. 21 FIRE SUPPRESSION**

210000 Fire Suppression - FSB	\$298,299	\$13.86
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**DIV. 22 PLUMBING**

220000 Plumbing - FSB	\$785,083	\$36.48
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**DIV. 23 HVAC**

220000 HVAC - FSB	\$1,928,239	\$89.59
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**DIV. 26 ELECTRICAL**

260000 Electrical - FSB	\$1,660,039	\$77.13
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**DIV. 31 SITEWORK**

311000 Site Clearing, Demolition & Preparation	\$116,834	\$5.43
312000 Earthwork	\$491,011	\$22.81
312500 Erosion and Sedimentation Controls	\$68,500	\$3.18
315000 Ground Improvements	\$0	\$0.00

**DIV. 32 EXTERIOR IMPROVEMENTS**

321216 Asphalt Paving	\$322,250	\$14.97
321213 Portland Cement Concrete Paving	\$33,600	\$1.56
321613 Curbs and Gutters	\$130,500	\$6.06
323100 Site Improvements	\$169,100	\$7.86
323500 Site Structures	\$0	\$0.00
329000 Landscaping	\$223,500	\$10.38

**DIV. 33 UTILITIES**

331000 Site Water Distribution	\$67,400	\$3.13
333000 Sanitary Sewerage Utilities	\$135,500	\$6.30
334000 Storm Drainage	\$530,000	\$24.62
335000 Gas	\$0	\$0.00

<b>SUBTOTAL DIRECT (TRADE) COST</b>	<b>\$14,529,222</b>	<b>\$675.06</b>
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GENERAL CONDITIONS & REQUIREMENTS	13%	\$1,888,799
GL INSURANCE	1.3%	\$188,880
BONDS	1.8%	\$261,526
OVERHEAD & PROFIT	4%	\$674,737
DESIGN AND PRICING CONTINGENCY	15%	\$2,631,475
ESCALATION / MARKET BIDDING CONDITIONS TO SPRING 2026	6%	\$1,210,478

<b>TOTAL ESTIMATED CONSTRUCTION COSTS</b>	<b>\$21,385,117</b>	<b>\$993.59</b>
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# Southampton Public Safety Building

Study Cost Estimate  
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February 21, 2025

## Public Safety Building and Site

<b>UNIFORMAT CONSTRUCTION COST SUMMARY</b>			
		<i>21,523 sf</i>	
<b>BUILDING SYSTEM</b>		<b>BASE ESTIMATE</b>	
A10	FOUNDATIONS AND SLABS	\$1,075,345	\$49.96
B10	SUPERSTRUCTURE	\$1,120,326	\$52.05
B20	EXTERIOR CLOSURE	\$2,111,885	\$98.12
B30	ROOFING	\$1,018,620	\$47.33
C10	INTERIOR CONSTRUCTION	\$1,285,626	\$59.73
C20	STAIRCASES	\$139,875	\$6.50
C30	INTERIOR FINISHES	\$649,655	\$30.18
D10	CONVEYING SYSTEMS	\$0	\$0.00
D20	PLUMBING	\$785,083	\$36.48
D30	HVAC	\$1,928,239	\$89.59
D40	FIRE PROTECTION	\$298,299	\$13.86
D50	ELECTRICAL	\$1,710,814	\$79.49
E10	EQUIPMENT	\$49,900	\$2.32
E20	FURNISHINGS	\$18,560	\$0.86
F20	DEMOLITION	\$0	\$0.00
G10	SITWORK	\$2,336,995	\$108.58
<b>TOTAL DIRECT COST (Trade Costs)</b>		<b>\$14,529,222</b>	<b>\$675.06</b>

*Mark-ups on CSI summary*

CSI Code DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
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**Public Safety Building and Site**

**GROSS FLOOR AREA CALCULATION**

Level 1	20,836
Mezzanine	687

<b>TOTAL GROSS FLOOR AREA (GFA)</b>	<b>21,523 GSF</b>
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**A10 BUILDING FOUNDATIONS**

**A1010 STANDARD FOUNDATIONS**  
Footings & walls (form, rebar and concrete)

3300	Perimeter Strip footings	92	cy	1,150.00	105,800	
3300	Perimeter Foundation walls	276	cy	1,150.00	317,400	
3300	Column footings	192	cy	1,150.00	220,800	
3300	Interior footings & walls	42	cy	1,150.00	48,300	
7210	Perimeter rigid insulation at walls	4,512	sf	6.00	27,072	
7270	Waterproofing/Dampproofing to walls	4,512	sf	10.00	45,120	
	<b>SUBTOTAL</b>					764,492

**A1030 LOWEST FLOOR CONSTRUCTION**  
8" Slab on Grade

3300	Vapor barrier	6,000	sf	2.00	12,000	
3300	Rebar	6,900	sf	2.75	18,975	
3300	Concrete - 8" thick	159	cy	195.00	31,005	
3300	Placing concrete	159	cy	45.00	7,155	
3300	Finishing and curing concrete	6,000	sf	1.50	9,000	
3300	Control joints - saw cut	6,000	sf	0.25	1,500	
3300	Isolation joints at columns	6,000	sf	0.75	4,500	
	<u>6" Slab on grade</u>					
3300	Vapor barrier	14,836	sf	2.00	29,672	
3300	WWF reinforcement	15,578	sf	1.25	19,473	
3300	Concrete - 6" thick	288	cy	195.00	56,160	
3300	Placing concrete	288	cy	45.00	12,960	
3300	Finishing and curing concrete	14,836	sf	1.50	22,254	
3300	Control joints - saw cut	14,836	sf	0.25	3,709	
3300	Isolation joints at columns	14,836	sf	0.75	11,127	
	<u>Miscellaneous</u>					
3300	Rigid insulation at underslab to 4'	3,008	sf	6.00	18,048	
3300	Thickened slabs at CMU walls	65	cy	185.00	12,025	
3300	Moisture mitigation mix	447	cy	70.00	31,290	
3300	Equipment pads and curbs	1	ls	10,000.00	10,000	
	<b>SUBTOTAL</b>					310,853

<b>TOTAL - FOUNDATIONS</b>	<b>\$1,075,345</b>
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**B10 SUPERSTRUCTURE**

**B1010 FLOOR CONSTRUCTION**  
Mezzanine Floor Structure - Steel:

05120	Structural steel columns, beams and bracing	4	tns	7,000.00	28,000	
05120	Floor deck - 3" deck	945	sf	7.00	6,615	
03300	WWF reinforcement	1,087	sf	1.50	1,631	
03300	Concrete on metal deck	20	cy	195.00	3,900	
03300	Place and finish concrete	20	cy	45.00	900	
	<u>Miscellaneous</u>					
	Spray Fireproofing					NIC
07841	Fire stopping floors	1	ls	7,500.00	7,500	
05500	Misc metals	21,523	sf	4.00	86,092	
	<b>SUBTOTAL</b>					134,638

CSI Code DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
<b>Public Safety Building and Site</b>						
<b>B1020 ROOF CONSTRUCTION</b>						
<u>Main Roof Structure - Steel:</u>						
05120						
	92	tns	7,000.00	644,000		
05120	12,411	sf	8.00	99,288		
<u>Apparatus Bay Roof Structure - Steel:</u>						
05120	23	tns	7,000.00	161,000		
05120	8,200	sf	8.00	65,600		
<u>Hose Tower Roof Structure - Steel:</u>						
05120	2	tns	7,000.00	14,000		
05120	225	sf	8.00	1,800		
<u>Miscellaneous</u>						
					NIC	
05500					NIC	
07720					NIC	
						985,688

<b>TOTAL - SUPERSTRUCTURE</b>	<b>\$1,120,326</b>					
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<b>B20 EXTERIOR CLOSURE</b>
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<b>B2010 EXTERIOR WALLS</b>						
<u>Exterior walls</u>						
4200	7,950	sf	38.00	302,100		
9211	4,821	sf	26.00	125,346		
7270	12,771	sf	9.00	114,939		
7210	12,771	sf	12.00	153,252		
4200	9,300	sf	62.00	576,600		
4200	2,750	sf	50.00	137,500		
4200	1,060	lf	34.00	36,040		
<u>Misc</u>						
7920	21,523	sf	1.00	21,523		
5500	21,523	sf	1.50	32,285		
						1,499,585

<b>B2020 WINDOWS &amp; DOORS</b>						
<u>Windows</u>						
84600	320	sf	225.00	72,000		
84110	930	sf	225.00	209,250		
84500	120	sf	225.00	27,000		
84500	80	sf	155.00	12,400		
<u>Doors</u>						
84500	2	pr	3,500.00	7,000		
84500	3	ea	3,500.00	10,500		
8331	6	ea	30,000.00	180,000		
84110	3	ea	15,000.00	45,000		
8111	2	ea	2,300.00	4,600		
8710	7	ea	650.00	4,550		
<u>Misc</u>						
8900	1	ls	7,500.00	7,500		
7920	1,250	lf	16.00	20,000		
6100	1,250	lf	10.00	12,500		
						612,300

<b>TOTAL - EXTERIOR CLOSURE</b>	<b>\$2,111,885</b>					
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<b>B30 ROOFING</b>
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<b>B3010 ROOF COVERINGS</b>						
<u>Roofing</u>						
7540	20,836	sf	45.00	937,620		
7540	800	lf	60.00	48,000		
7545	2	ea	6,500.00	13,000		
84650	2	ea	10,000.00	20,000		
						1,018,620

<b>TOTAL - ROOFING</b>	<b>\$1,018,620</b>					
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**Southampton Public Safety Building**

125 College Highway  
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Study Cost Estimate

GSF 21,523

February 21, 2025

CSI Code DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
<b>Public Safety Building and Site</b>						
<b>C10 INTERIOR CONSTRUCTION</b>						
<b>C1010 PARTITIONS</b>						
9211	15,120	sf	17.00	257,040		
9211	720	sf	21.00	15,120		
9211	888	sf	23.00	20,424		
9211	732	sf	25.00	18,300		
4200	8,700	sf	35.00	304,500		
10940	400	sf	75.00	30,000		
7920	21,523	sf	0.60	12,914		
6100	1,850	lf	10.00	18,500		
						676,798
<b>C1020 INTERIOR AND EXTERIOR DOORS</b>						
<u>Doors and Frames</u>						
8111	60	ea	1,850.00	111,000		
8111	5	ea	2,500.00	12,500		
<u>Borrowed Lites</u>						
8111	10	ea	1,500.00	15,000		
<u>Misc</u>						
8311	10	ea	250.00	2,500		
8111	18	lvs	500.00	9,000		
8710	65	opn	580.00	37,700		
8111	65	opn	285.00	18,525		
9900	65	ea	130.00	8,450		
8800	250	sf	50.00	12,500		
<u>Special</u>						
10280	1	ls	12,500.00	12,500		
10945	3	ea	11,500.00	34,500		
						274,175
<b>C1030 SPECIALTIES / MILLWORK</b>						
<u>Millwork/Specialties</u>						
6402	6	lf	550.00	3,300		
6402	18	lf	650.00	11,700		
6402	5	lf	650.00	3,250		
6402	9	lf	650.00	5,850		
6402	17	lf	625.00	10,625		
6402	6	lf	800.00	4,800		
6402	9	lf	650.00	5,850		
6402	14	lf	650.00	9,100		
6402	8	lf	500.00	4,000		
6402	11	lf	800.00	8,800		
6402	40	lf	285.00	11,400		
6402	55	opn	450.00	24,750		
3300	2	ea	1,500.00	3,000		
10950	1	ea	15,000.00	15,000		
6402	35	lf	150.00	5,250		
6402	12	lf	150.00	1,800		
6402	15	lf	150.00	2,250		
10950	1	ls	6,500.00	6,500		
10950	1	ls	4,500.00	4,500		
10950	35	lf	480.00	16,800		

CSI Code DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
<b>Public Safety Building and Site</b>						
<u>Restrooms and Lockers</u>						
10650	2	ea	1,600.00	3,200		
10650	1	ea	1,200.00	1,200		
10650	1	ea	650.00	650		
10850	2	ea	1,500.00	3,000		
10850	40	ea	1,100.00	44,000		
10850	38	ea	800.00	30,400		
10280	1	ea	265.00	265		
10280	9	ea	25.00	225		
10280	9	ea	265.00	2,385		
10280	16	ea	25.00	400		
10280	10	ea	130.00	1,300		
10280	10	ea	285.00	2,850		
10280	6	ea	210.00	1,260		
10280	9	ea	65.00	585		
10280	5	ea	260.00	1,300		
<u>Misc</u>						
6100	1	ls	2,500.00	2,500		
10140	1	ls	15,000.00	15,000		
10440	6	ea	300.00	1,800		
8800	200	sf	50.00	10,000		
5500	21,523	sf	2.00	43,046		
7920	21,523	sf	0.50	10,762		
					334,653	

<b>TOTAL - INTERIOR CONSTRUCTION</b>	<b>\$1,285,626</b>
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**C20 STAIRCASES**

<b>C2010 STAIR CONSTRUCTION</b>						
5500	1	flt	16,500.00	16,500		
5500	3	flt	18,000.00	54,000		
5500	65	lf	175.00	11,375		
5500	1	ls	15,000.00	15,000		
3300	4	flt	1,750.00	7,000		
					103,875	
<b>C2020 STAIR FINISHES</b>						
9651	1	flts	4,500.00	4,500		
9730	3	flts	6,500.00	19,500		
9900	4	flt	3,000.00	12,000		
					36,000	

<b>TOTAL - STAIRCASES</b>	<b>\$139,875</b>
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**C30 INTERIOR FINISHES**

<b>C3010 WALL FINISHES</b>						
9900	40,395	sf	1.75	70,691		
6100	850	sf	12.00	10,200		
9300	1,950	sf	30.00	58,500		
					139,391	
<b>C3020 FLOOR FINISHES</b>						
9300	1,600	sf	30.00	48,000		
9651	560	sf	16.00	8,960		
9651	4,600	sf	12.00	55,200		
9665	2,800	sf	6.00	16,800		
9730	6,100	sf	15.00	91,500		
9651	160	sf	30.00	4,800		
9900	5,703	sf	2.50	14,258		
9651	2,693	lf	6.00	16,158		
9651	21,523	sf	0.50	10,762		
					266,438	

CSI Code DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
<b>Public Safety Building and Site</b>						
<b>C3030</b>	<b>CEILING FINISHES</b>					
9510	ACT-1	8,923	sf	12.00		107,076
9211	GWB ceiling	1,500	sf	16.00		24,000
5500	Steel ceilings	800	sf	40.00		32,000
9211	Rated GWB ceilings	800	sf	25.00		20,000
9211	GWB soffits	200	lf	75.00		15,000
9900	Prep and paint exposed structure	9,500	sf	4.00		38,000
9900	Paint to GWB ceilings and soffits	3,100	sf	2.50		7,750
	SUBTOTAL					243,826

<b>TOTAL - INTERIOR FINISHES</b>	<b>649,655</b>
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<b>D20</b>	<b>PLUMBING</b>
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CSI Code	DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
<b>D20</b>	<b>PLUMBING</b>						
	<u>Equipment</u>						
220000	Water Meter	1	ea	\$2,500.00		\$2,500	
220000	Backflow Preventor Assembly	1	ea	\$4,500.00		\$4,500	
220000	Gas Fired Water Heater	1	ea	\$3,200.00		\$3,200	
220000	Recirc Pump	1	ea	\$1,500.00		\$1,500	
220000	Expansion Tank	1	ea	\$1,100.00		\$1,100	
220000	Thermostatic Mixing Valve	1	ea	\$1,300.00		\$1,300	
220000	Instantaneous Water Heaters	2	ea	\$1,200.00		\$2,400	
220000	Trap Primers	4	ea	\$375.00		\$1,500	
220000	Oil Seperator	1	ea	\$8,600.00		\$8,600	
220000	Air Compressor w/ Dryer	1	ea	\$19,500.00		\$19,500	
220000	CA w/ Hose Reel	6	ea	\$675.00		\$4,050	
220000	CA Outlet	6	ea	\$195.00		\$1,170	
220000	Plumbing Specialties	1	ls	\$9,250.00		\$9,250	
220000	Equipment Connections	27	ea	\$450.00		\$12,150	
	<u>Fixtures</u>						
220000	Water Closets	9	ea	\$1,500.00		\$13,500	
220000	Lavatory	9	ea	\$1,300.00		\$11,700	
220000	Urinal	2	ea	\$1,300.00		\$2,600	
220000	Sink - Janitor	1	ea	\$1,300.00		\$1,300	
220000	Drinking Fountain	1	ea	\$3,800.00		\$3,800	
220000	Showers	7	ea	\$3,800.00		\$26,600	
220000	Sink - Laundry	2	ea	\$1,300.00		\$2,600	
220000	Washer Box	2	ea	\$250.00		\$500	
220000	Kitchen sinks	3	ea	\$975.00		\$2,925	
220000	Decon double bowl sink and drainboards	1	ea	\$4,500.00		\$4,500	
220000	Decon shower	1	ea	\$6,000.00		\$6,000	
220000	Cell WC/Sink SS fixtures	2	ea	\$6,500.00		\$13,000	
220000	Cell shower	1	ea	\$5,500.00		\$5,500	
220000	Hose Bibbs	4	ea	\$235.00		\$940	
220000	Wall Hydrants	6	ea	\$315.00		\$1,890	
220000	Hose Reels	6	ea	\$675.00		\$4,050	
220000	Floor Drains	2	ea	\$595.00		\$1,190	
220000	Trench Drains	200	lf	\$165.00		\$33,000	
220000	Fixture Rough Ins	40	ea	\$625.00		\$25,000	
	<u>Piping</u>						
220000	Water piping systems	21,523	sf	\$9.00		\$193,707	
220000	Oil waste piping system	21,523	sf	\$7.00		\$150,661	
220000	Gas piping & connections	21,523	sf	\$1.50		\$32,285	
220000	Compressed Air system	21,523	sf	\$5.00		\$107,615	
	<u>Trade Requirements</u>						
220000	Project Supervision	300	hrs	\$125.00		\$37,500	
220000	Coordination	240	hrs	\$125.00		\$30,000	
	SUBTOTAL						785,083

<b>TOTAL - PLUMBING</b>	<b>\$785,083</b>
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CSI Code DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
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**Public Safety Building and Site**

**D30 HVAC**

<b>D30 HVAC</b>						
<u>HVAC SYSTEM - OPTION 1 – ASHP SYSTEM</u>						
230000	Equipment	21,523	sf	\$30.00	645,690	
230000	Sheet Metal	21,523	sf	\$15.00	322,845	
230000	Piping - Chilled Water, Hot Water, & Condensate Drain	21,523	sf	\$16.75	360,510	
230000	Insulation	21,523	sf	\$5.00	107,615	
230000	Controls	21,523	sf	\$9.00	193,707	
230000	Radiant snow melt at exterior aprons	1,750	sf	\$25.00	43,750	
230000	Radiant heating at apparatus bays	4,200	sf	\$25.00	105,000	
230000	Start Up	21,523	sf	\$0.75	16,142	
230000	Testing, Adjusting, & Balancing	21,523	sf	\$0.95	20,447	
230000	3rd Party Cx Assist	21,523	sf	\$0.35	7,533	
230000	Project Supervision	400	hrs	\$125.00	50,000	
230000	Coordination	280	hrs	\$125.00	35,000	
230000	Crane & Rigging	1	ls	\$20,000.00	20,000	
	<b>SUBTOTAL</b>					1,928,239

<b>TOTAL - HVAC</b>						<b>\$1,928,239</b>
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**D40 FIRE PROTECTION**

<b>D40 FIRE PROTECTION</b>						
210000	Service Equipment	1	ls	18,500.00	18,500	
210000	Sprinkler system piping and heads	21,523	sf	13.00	279,799	
	<b>SUBTOTAL</b>					298,299

<b>TOTAL - FIRE PROTECTION</b>						<b>\$298,299</b>
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**D50 ELECTRICAL**

<b>D50 ELECTRICAL</b>						
<u>Light Fixtures</u>						
260000	Lighting	21,523	sf	12.00	258,276	
<u>Branch Circuitry</u>						
260000	Wiring, switching, devices and controls	21,523	sf	10.00	215,230	
<u>Power Circuitry</u>						
260000	Power feeds conduits and wiring	21,523	sf	5.00	107,615	
<u>Lightning Protection System</u>						
260000	Lightning Protection	1	ls	25,000.00	25,000	
<u>Grounding</u>						
260000	Service and system grounding	1	ls	7,500.00	7,500	
<u>Power Equipment</u>						
260000	Power equipment panels, Disc, VFDs and misc	21,523	sf	10.00	215,230	
260000	250Kw Diesel Generator. ATS and misc, WP	1	ls	185,000.00	185,000	
<u>Fire Alarm</u>						
260000	Fire alarm system	21,523	sf	5.00	107,615	
<u>Telecommunications System</u>						
260000	Telecommunications - rough-in	21,523	sf	3.50	75,331	
<u>BDA</u>						
260000	BDA/DAS Allowance	1	ls	45,000.00	45,000	
<u>Security System</u>						
260000	Security System - full	21,523	sf	6.00	129,138	
<u>Sound System</u>						
260000	Sound System	21,523	sf	1.25	26,904	
<u>Zetron System (empty conduit)</u>						
260000	Rough-in	1	ls	5,000.00	5,000	

CSI Code DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
<b>Public Safety Building and Site</b>						
<u>Misc</u>						
260000		Temp Power and Lighting	1	ls	2,500.00	2,500
<u>Site Lighting</u>						
260000	8	Light Poles	ea	6,500.00	52,000	
260000	4	Type In-Grade Uplight at building sign and misc	ea	600.00	2,400	
260000	4	Type Bollard Light	ea	1,500.00	6,000	
<u>Site Utilities</u>						
260000	1	Utility Pole Riser, pole and vault	ls	15,000.00	15,000	
260000	100	Primary power conduits	lf	120.00	12,000	
260000	40	Secondary power conduits and wiring	lf	450.00	18,000	
260000	1	Utility Transformer Pad	ls	4,500.00	4,500	
260000	1	Install Utility Meter FBO	ea	800.00	800	
<u>Telecommunications:</u>						
260000	1	Telecomm Utility Riser	ls	5,000.00	5,000	
260000	100	4" PVC (Tel,empty)	lf	30.00	3,000	
<u>PV panels</u>						
260000	1	Allow for provision for PV panels	ls	25,000.00	25,000	
<u>EV-ready charging stations</u>						
260000	14	Allow for provision for station and associated pad, conduits and wiring	ea	6,500.00	91,000	
<u>Misc</u>						
260000	1	Temp Power	ls	5,000.00	5,000	
260000	1	Misc Site Demo	ls	7,500.00	7,500	
260000	1	Misc Eqpt Rentals	ls	7,500.00	7,500	
<u>Ductbanks</u>						
312000	140	E&B Elec/communication duct banks	lf	60.00	8,400	
312500	900	E&B Lighting poles and circuitry	lf	30.00	27,000	
3300	41	Encase duct banks in concrete	cy	375.00	15,375	
		SUBTOTAL				1,710,814
<b>TOTAL - ELECTRICAL</b>						<b>\$1,710,814</b>

**E10 EQUIPMENT**

E10	EQUIPMENT	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
<u>Kitchen Appliances</u>							
11310	Refrigerator	2	ea	2,800.00	5,600		
11310	Dishwasher	1	ea	1,500.00	1,500		
11310	Microwave	2	ea	900.00	1,800		
11310	Range	1	ea	8,500.00	8,500		
11310	Hood	1	ea	6,500.00	6,500		
<u>Laundry</u>							
11310	Washer, dryer and misc equipment/cabinets	1	ls	5,000.00	5,000		
<u>Misc</u>							
11510	Allowance for the Installation of the equipment that the GC will need to remove and reinstall such as SCBA, extractors, and the like.	140	hrs	150.00	21,000		
	SUBTOTAL					49,900	
<b>TOTAL - EQUIPMENT</b>						<b>\$49,900</b>	

**E20 FURNISHINGS**

E2010	FIXED FURNISHINGS	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
<u>Window Treatment</u>							
12211	Roller shades	930	sf	12.00	11,160		
12211	Interior blinds	600	sf	8.00	4,800		
12211	Bunk rooms - room darkening shades	4	ea	650.00	2,600		
	SUBTOTAL					18,560	
<b>TOTAL - FURNISHINGS</b>						<b>\$18,560</b>	

CSI Code DESCRIPTION	QTY	UNIT	UNIT COST	EST'D COST	SUB TOTAL	TOTAL COST
<b>Public Safety Building and Site</b>						
<b>G10 SITEWORK</b>						
<u>Site Demolition &amp; Prep</u>						
312500	1,700	lf	20.00	34,000		
312500	1	ea	7,500.00	7,500		
311000	175,000	sf	0.50	87,500		
311000	4,889	cy	6.00	29,334		
						158,334
<b>Earthwork</b>						
<u>Building structural excavation and backfill</u>						
312000	3,889	cy	25.00	97,225		
312000	1,000	cy	35.00	35,000		
312000	900	cy	60.00	54,000		
<u>Site grading and structures excavation and backfill</u>						
312000	9,722	cy	8.00	77,776		
312000	850	cy	35.00	29,750		
312000	8	dys	6,500.00	52,000		
						345,751
<u>Subgrade, Paving and curbing</u>						
312000	2,281	cy	60.00	136,860		
321216	57,450	sf	5.00	287,250		
321613	2,250	lf	58.00	130,500		
321216	1,750	sf	20.00	35,000		
321213	2,400	sf	14.00	33,600		
						623,210
<u>Drainage</u>						
334000	1	ls	175,000.00	175,000		
334000	22,500	sf	8.00	180,000		
334000	5,000	sf	35.00	175,000		
						530,000
<u>Water</u>						
331000	1	ea	5,000.00	5,000		
331000	2	ea	5,000.00	10,000		
331000	320	lf	150.00	48,000		
331000	40	lf	110.00	4,400		
						67,400
<u>Sewer</u>						
333000	1	ea	8,500.00	8,500		
333000	1	ea	18,000.00	18,000		
333000	200	lf	95.00	19,000		
333000	6,000	sf	15.00	90,000		
						135,500

<i>CSI Code</i> <i>DESCRIPTION</i>	<i>QTY</i>	<i>UNIT</i>	<i>UNIT COST</i>	<i>EST'D COST</i>	<i>SUB TOTAL</i>	<i>TOTAL COST</i>
<b>Public Safety Building and Site</b>						
<u>Site Improvements</u>						
323100	Parking signs	10	ea	240.00	2,400	
323100	Site monumental sign	1	ea	15,000.00	15,000	
323100	Parking space lines/symbols/hatching	1	ea	10,000.00	10,000	
5500	Bollards at pads	16	ea	600.00	9,600	
5500	Bollards at OHDs	22	ea	800.00	17,600	
323100	Flag pole	1	ea	5,000.00	5,000	
323100	Benches	2	ea	2,600.00	5,200	
323100	Cedar stockade fencing	1,200	lf	70.00	84,000	
3300	Generator pad	1	ls	7,500.00	7,500	
3300	Dumpster 8" pad and perimeter frost walls/footings	20	cy	1,300.00	26,000	
4200	Dumpster brick veneer and precast at walls	180	sf	75.00	13,500	
5500	Dumpster enclosure - Tube steel frames	1	ls	10,000.00	10,000	
323100	Dumpster enclosure - gates	1	pr	2,500.00	2,500	
323100	Sliding entry gates (electronic)	2	ea	22,500.00	45,000	
	SUBTOTAL					253,300
<b>Landscaping</b>						
329000	Landscaping planting allowance	1	ls	100,000.00	100,000	
329000	Spread loam	2,000	cy	25.00	50,000	
329000	Seed	50,000	sf	0.60	30,000	
329000	Swale mix seed	22,500	sf	0.60	13,500	
329000	Import planting soils and mulch	500	cy	60.00	30,000	
	SUBTOTAL					223,500
<b>TOTAL - SITEWORK</b>						<b>2,336,995</b>