

**Town of Canton, Connecticut**  
**New Public Works Facility**  
**325 Commerce Drive - Cost Estimate**

Office / Office Support: 1,317 SF  
Employee Facilities: 1,577 SF  
Workshop / Storage: 1,217 SF  
Vehicle Maintenance: 3,309 SF  
Wash Area: 1,409 SF  
Vehicle/Equipment Storage: 11,138 SF  
**Subtotal: 19,967 SF**  
Mezzanine Maint: 435 SF

3/7/2013

Description	Unit	2013 Cost	Quantity	Total (No OH&P)
DIVISION 2 - SITE WORK				
Site Development Costs (see attached detailed estimate dates 2/5/13)				\$1,253,632.00
DIVISION 2 - BUILDING SITE WORK				
Earth Excavation - Bldg Foundations	CY	\$18.00	907	\$16,326.00
Earth Excavation - Slab-on-Grade	CY	\$9.00	1,369	\$12,321.00
Earth Excavation Haul & Dispose	CY	\$13.00	685	\$8,898.50
Structural Aggregate Backfill	CY	\$40.00	685	\$27,380.00
Backfill Building Foundations	CY	\$5.00	816	\$4,081.50
Finish Grading	SY	\$1.00	18,475	\$18,475.00
DIVISION 3 - CONCRETE				
03300 CAST-IN-PLACE CONCRETE				
Slab-on-Grade / Shallow Foundations	SF	\$18.00	19,967	\$359,406.00
2' High Concrete Wall	CY	\$540.00	27	\$14,580.00
2nd Floor / Mezzanine Concrete Floor	SF	\$9.00	435	\$3,915.00
Misc Concrete Pit & Trenches	CY	\$540.00	22	\$11,880.00
DIVISION 4 - MASONRY				
04200 MASONRY UNITS				
Interior Block Walls	SF	\$25.00	575	\$14,375.00
4" Exterior Split Faced CMU Wall	SF	\$12.00	1,070	\$12,840.00
DIVISION 5 - METALS				
05100 STRUCTURAL METAL FRAMING				
2nd Floor / Mezzanine Form Deck	SF	\$4.00	435	\$1,740.00
Mezzanine Light Gauge Framing	SF	\$13.00	435	\$5,655.00
05500 METAL FABRICATIONS				
Miscellaneous Metal Allowance	SF	\$1.50	19,967	\$29,950.50
Mezzanine Railings	LF	\$120.00	47	\$5,640.00
Interior Bollards	EA	\$350.00	12	\$4,200.00
Mezzanine Stairs	EA	\$12,000.00	1	\$12,000.00
DIVISION 6 - WOOD AND PLASTICS				
06000 FRAMING				

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Wall Sheathing	SF	\$2.50	1,070	\$2,675.00
06100 ROUGH CARPENTRY				
Rough Carpentry (blocking)	SF	\$1.00	19,967	\$19,967.00
06200 FINISH CARPENTRY				
Bathroom Counters	LF	\$130.00	10	\$1,300.00
Lunch Casework	LF	\$490.00	8	\$3,920.00
07000 THERMAL & MOISTURE PROTECTION				
Air Vapor Barrier	SF	\$3.00	1,070	\$3,210.00
Pit Dampproofing	LS	\$1,000.00	2	\$2,000.00
Rigid Insulation Slab-on-grade & Foundation Wall	SF	\$2.00	2,800	\$5,600.00
Standard 3" Gutters	LF	\$18.00	575	\$10,350.00
Standard 4" Downspouts	LF	\$10.00	183	\$1,830.00
Exterior Wall Insulation	SF	\$3.00	1,070	\$3,210.00
07200 Fire Proofing & Fire Stopping				
Fire Stopping at all wall Penetrations	LS	\$5,000.00	1.0	\$5,000.00
07900 JOINT SEALANTS				
Joint Sealant - Miscellaneous Allowance	SF	\$1.60	19,967	\$31,947.20
08100 DOORS AND FRAMES				
Personnel Doors - Door, Frame, and Hardware Wood	EA	\$1,600.00	12	\$19,200.00
Personnel Doors - Dr, Frame, and Hardware Metal	EA	\$1,400.00	26	\$36,400.00
Added Cost for Door Lites	LS	\$1,000.00	8	\$8,000.00
08300 SPECIALTY DOORS				
Overhead Sectional Doors (16' - 0" w x 16' - 0" h)	EA	\$7,500.00	2	\$15,000.00
Overhead Sectional Doors (14' - 0" w x 14' - 0" h)	EA	\$5,600.00	5	\$28,000.00
Overhead Sectional Doors (12' - 0" w x 12' - 0" h)	EA	\$4,500.00	1	\$4,500.00
08400 ENTRANCES AND STOREFRONTS				
Main Entrance - Finishes	LS	\$5,000.00	1	\$5,000.00
08500 WINDOWS				
Exterior Window System (Frame & Glazing)	SF	\$65.00	103	\$6,695.00
Storefront Entry	SF	\$75.00	260	\$19,500.00

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Description	Unit	2013 Cost	Quantity	Total (No OH&P)
Translucent Wall Panels	SF	\$41.00	925	\$37,925.00
Interior Windows	SF	\$45.00	16	\$720.00
DIVISION 9 - FINISHES				
09200 PLASTER AND GYPSUM BOARD				
Interior Partitions - Gyp. Board w/ 4" Stud System	SF	\$8.00	4,650	\$37,200.00
Interior Partitions - Perimeter GWB (backup wall floor to roof)	SF	\$6.00	919	\$5,514.00
Interior Partitions - Wash Bay Light Gauge Framing	SF	\$5.25	2,848	\$14,952.00
Interior Partitions - Gyp 6" Stud above CMU	SF	\$10.00	7,108	\$71,080.00
3.5" Insulation in Interior Walls	SF	\$2.00	4,650	\$9,300.00
09300 TILE				
Ceramic Tile Floor	SF	\$15.00	0	\$0.00
Quarry Tile	SF	\$15.00	100	\$1,500.00
09500 CEILINGS				
Acoustical Ceiling Tile Ceiling System	SF	\$4.50	2,394	\$10,773.00
Gypsum Board Ceiling	SF	\$10.00	631	\$6,310.00
09600 FLOORING				
Carpet	SF	\$8.00	1,248	\$9,984.00
Vinyl Base	LF	\$3.00	93	\$279.00
Linoleum Flooring	SF	\$7.50	1,337	\$10,027.50
09900 PAINTS AND COATINGS				
Painting - Interior Block Walls	SF	\$2.50	575	\$1,437.50
Painting - Gypsum Wallboard Walls	SF	\$2.00	11,758	\$23,516.00
Painting - Gypsum Wallboard Ceilings	SF	\$2.00	631	\$1,262.00
DIVISION 10 SPECIALTIES				
10150 COMPARTMENTS AND CUBICLES				
Handicap Toilet Compartments	EA	\$2,600.00	2	\$5,200.00
Standard Toilet Compartments	EA	\$2,200.00	1	\$2,200.00
Showers	EA	\$1,500.00	2	\$3,000.00
Urinal Screens	EA	\$1,000.00	1	\$1,000.00
Privacy Screens	EA	\$1,600.00	2	\$3,200.00
10200 LOUVERS AND VENTS				
Wall Louvers	SF	\$50.00	150	\$7,500.00

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10400 IDENTIFICATION DEVICES				
Signage (interior )	LS	\$5,000.00	1	\$5,000.00
Signage (exterior )	LS	\$5,000.00	1	\$5,000.00
Fire Extinguishers	EA	\$250.00	8	\$2,000.00
10800 TOILET, BATH, AND LAUNDRY ACCESSORIES				
Toilet Accessories	LS	\$5,000.00	1	\$5,000.00
Benches	EA	\$1,000.00	3	\$3,000.00
DIVISION 11 EQUIPMENT (See Section 4, July 18, 2012 Report)				
Lifts and Cranes	LS	\$93,873.00	1	\$93,873.00
Exhaust System	LS	\$8,500.00	1	\$8,500.00
Lube System	LS	\$50,473.00	1	\$50,473.00
Furnishings	LS	\$18,741.00	1	\$18,741.00
Vehicle Wash System	LS	\$32,000.00	1	\$32,000.00
Fuel System (Inc. Fuel Island, Relocation of Ex. AST and Site Prep)	LS	\$212,385.00	1	\$212,385.00
DIVISION 13 SPECIAL CONSTRUCTION				
Pre-Engineered Metal Building	SF	\$28.00	19,967	\$559,076.00
Wash Bay FRP Liner Panel	SF	\$6.00	0	\$0.00
Snow Guards	LF	\$3.50	45	\$157.50
Lockers	EA	\$600.00	16	\$9,600.00
Dishwasher, Stove, Microwaves, Disposal & Refrigerator	LS	\$8,000.00	1	\$8,000.00
DIVISION 15 MECHANICAL				
15300 FIRE PROTECTION				
Fire Protection System	SF	\$5.00	20,402	\$102,010.00
15400 PLUMBING				
Plumbing System (AVERAGE FOR ALL AREAS)	SF	\$9.00	19,967	\$179,703.00
15700 HVAC EQUIPMENT				
HVAC System (AVERAGE FOR ALL AREAS)	SF	\$21.00	19,967	\$419,307.00
Waste Oil Heating System	LS	\$10,000.00	1	\$10,000.00
DIVISION 16 ELECTRICAL				
16000 ELECTRICAL				
Electrical System (INCLUSIVE)	SF	\$18.00	19,967	\$359,406.00

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Description	Unit	2013 Cost	Quantity	Total (No OH&P)
Building Subtotal:				\$2,728,107
Cost per SF:				
General Conditions (7.5%):				\$204,608
Overhead & Profit (5%):				\$146,636
Insurance & Bonds (2%):				\$61,587
Subtotal:				<b>\$3,140,938</b>
Cost per SF:				\$157
Salt Storage Structure:				\$182,000
General Conditions (7.5%):				\$13,650
Overhead & Profit (5%):				\$9,783
Insurance & Bonds (2%):				\$4,109
Subtotal:				<b>\$209,541</b>
Site Work:				\$1,253,632
General Conditions (7.5%):				\$94,022
Overhead & Profit (5%):				\$67,383
Insurance & Bonds (2%):				\$28,301
Subtotal:				<b>\$1,443,338</b>

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Description	Unit	2013 Cost	Quantity	Total (No OH&P)
Equipment & Fuel System:				\$415,972
General Conditions (7.5%):				\$31,198
Overhead & Profit (5%):				\$22,358
Insurance & Bonds (2%):				\$9,391
Subtotal:				<b>\$478,919</b>
Building / Site / Equipment Subtotal:				<b>\$5,272,736</b>
Design Contingency (4%):				<b>\$210,909</b>
<b>TOTAL CONSTRUCTION COST:</b>				<b>\$5,483,645</b>
Potential cost for Low Bid (7% reduction):				<b>\$5,099,790</b>

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Description	Unit	2013 Cost	Quantity	Total (No OH&P)
<b>SOFT COSTS</b>				
<b>Owner's Project Manager Fees</b>				
		Design Criteria / RFP Support Services		\$30,000
		Proposal Evaluation		\$10,000
		Construction Administration Support Services		\$60,000
<b>Special Services (survey, geotechnical, permitting, etc.)</b>				n/a
<b>Furnishings (FFE)</b>				\$15,000
<b>Communic. / Low Voltage System</b>				\$20,000
<b>Printing Cost - Advertisement</b>				\$6,000
<b>Test &amp; Inspections During Construction</b>				\$10,000
<b>Construction Contingency (8%)</b>				\$438,692
<b>Purchase Price (assumed)</b>				\$225,000
<b>TOTAL SOFT COSTS:</b>				<b>\$814,692</b>
<b>TOTAL PROJECT COST:</b>				<b>\$5,914,482</b>

**Notes:**

1. Escalation has not been included in this estimate.
2. The following value engineering items have been applied to this estimate:
  - Eliminate Wash Bay Liner Panels & Backup Wall
  - Reduce Translucent Wall Panels
  - Reduce Quantity of Interior Bollards
  - Eliminate CT Flooring