

**Town of Hamden**

**Memorial Town Hall Renovation and Police Department Headquarters**

**Design Development Cost Estimate Summary - 11/25/08**

<b>Cost of Work Items</b>	<b>Police Dept</b>	<b>Town Hall</b>	<b>Garage</b>	<b>Total</b>
<b>General Trade Work</b>	<b>\$401,880</b>	<b>\$229,500</b>	<b>\$35,700</b>	<b>\$667,080</b>
<b>Sitework</b>	<b>\$1,495,300</b>	<b>\$0</b>	<b>\$688,500</b>	<b>\$2,183,800</b>
<b>Fuel Dispensing System</b>	<b>\$153,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$153,000</b>
<b>Landscap/Irrigation/Planters</b>	<b>\$51,000</b>	<b>\$12,750</b>	<b>\$12,750</b>	<b>\$76,500</b>
<b>Building Demolition</b>	<b>\$81,600</b>	<b>\$0</b>	<b>\$0</b>	<b>\$81,600</b>
<b>Electrical Service Distribution</b>	<b>\$561,000</b>	<b>\$135,724</b>	<b>\$135,725</b>	<b>\$832,450</b>
<b>Central HVAC Service</b>	<b>\$612,000</b>	<b>\$249,900</b>	<b>\$0</b>	<b>\$861,900</b>
<b>Police Dept Addition</b>	<b>\$16,498,990</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,498,990</b>
<b>Town Hall Renovation</b>	<b>\$0</b>	<b>\$7,651,338</b>	<b>\$0</b>	<b>\$7,651,338</b>
<b>Parking Garage</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,054,643</b>	<b>\$4,054,643</b>
<b>Total</b>	<b>\$19,854,769</b>	<b>\$8,279,213</b>	<b>\$4,927,318</b>	<b>\$33,061,300</b>

**Exclusions:**

- Hazardous Material Abatement
- Dispatch System, or relocating existing emergency management service
- Artwork
- Utility Company Fees
- Permit Fees
- Moving Costs
- Signage
- Dixwell Ave / Whitney Ave Improvements
- FF& E
- Escalation Contingency
- Design/Estimating Contingency
- Owner Scope Contingency
- Design Fees
- CM Fees

**Note: The pricing allocates portions of common or shared expenses among the three structures for budgetary purposes only.**

# Hamden Memorial Town Hall / Police HQ

Dixwell & Whitney Avenues, Hamden, Connecticut

## Design Development Budget

### Summary Level

**Summary Date:** November 24, 2008

**Client:** Town of Hamden  
**Prepared by:** A. P. Construction  
**Documents:** 9/3/2008  
**Architect:** BGW Architects

<b>PD LL:</b>	19,475 SF	<b>TH LL:</b>	9,575 SF
<b>PD ML:</b>	17,615 SF	<b>TH ML:</b>	15,830 SF
<b>PD UL:</b>	14,770 SF	<b>TH UL:</b>	11,575 SF
<b>Subtotal PD:</b>	51,860	<b>Subtotal TH:</b>	36,980

**PD & TH Total GSF:** **88,840**

**Parking Garage GSF:** **80,000**

			\$ Total Cost	\$ G.S.F.
GENERAL TRADE COSTS			\$667,080	
SITEWORK			\$2,183,800	
FUEL DISPENSING SYSTEM - ALLOWANCE			\$153,000	
DIXWELL AVE / WHITNEY AVE IMPROVEMENTS (see attached estimate)			N.I.C.	
LANDSCAPE / IRRIGATION / PLANTERS - ALLOWANCE			\$76,500	
BUILDINGS DEMOLITION			\$81,600	
ELECTRICAL SERVICE DISTRIBUTION			\$832,450	
HVAC SERVICE DISTRIBUTION			\$861,900	
POLICE DEPARTMENT ADDITION	51,860 gsf	\$318 per SF	\$16,498,990	
TOWN HALL RENOVATION	36,980 gsf	\$207 per SF	\$7,651,338	
PARKING GARAGE	80,000 gsf	\$51 per SF	\$4,054,643	
	<b>168,840 GSF</b>			
<b>Estimated Base Buildings Construction Trade Costs</b>			<b>\$33,061,300</b>	<b>\$195.81</b>
Design/Estimating Contingencies		<b>6.0%</b>	\$1,983,678	\$11.75
Escalation (Excluded)			\$0	\$0.00
CM General Conditions (Assumes June 2009 start)			\$1,233,437	\$7.31
Building Permit Fee (by owner)			\$0	\$0.00
Subs Payment & Performance Bond		<b>0.0%</b>	\$0	\$0.00
CM Payment & Performance Bond			\$11,061	\$0.07
CM Liability Insurance			\$18,434	\$0.11
CM Fee		<b>1.5%</b>	\$544,619	\$3.23
<b>Grand Total Estimated Base Buildings Construction Cost</b>			<b>\$36,852,529</b>	<b>\$218.27</b>

**Hamden PD & Town Hall**  
**Design Development Budget**

11/24/2008

**SITWORK:**

Item	Qty	Unit	Unit Price	Total	Sub-Total
<b>Site Demolition</b>					<b>\$186,750</b>
pulverize bituminous walk/pavement - 350cy	30,000	SF	\$0.20	\$6,000	
Remove bituminous pavement for utilities	10,000	SF	\$0.60	\$6,000	
Saw cut bituminous pavement	500	LF	\$5.00	\$2,500	
Remove concrete walks	5,000	SF	\$1.00	\$5,000	
Remove trees	20	EA	\$300.00	\$6,000	
remove bushes	5,000	SF	\$0.25	\$1,250	
remove and reinstall flag pole	1	EA	\$5,000.00	\$5,000	
underground tank removal				\$0 by owner	
traffic control	1	LS	\$150,000.00	\$150,000	allowance
Misc	1	LS	\$5,000.00	\$5,000	
<b>Erosion Control</b>					<b>\$56,500</b>
Haybales / tree protection	20	EA	\$75.00	\$1,500	
Construction entrances	3	EA	\$1,500.00	\$4,500	
maintain access road	1	LS	\$3,000.00	\$3,000	
Silt fence	15,000	LF	\$1.50	\$22,500	
haybales fence	10,000	LF	\$2.50	\$25,000	
<b>Building Earthwork</b>					<b>\$719,750</b>
Strip, stockpile, and respread topsoil	150	CY	\$6.00	\$900	
mass excavate "fill" @ bldgs & stockpile	9,350	CY	\$15.00	\$140,250	
mass excavate "fill" @ pavem't & stockpile	1,600	CY	\$12.00	\$19,200	
respread "fill" under paved areas	4,410	CY	\$5.00	\$22,050	
import structural fill	5,200	CY	\$42.00	\$218,400	
haul out excess "fill" offsite	6,100	CY	\$10.00	\$61,000	
import topsoil	335	CY	\$70.00	\$23,450	
casual dewatering	1	LS	\$20,000.00	\$20,000	
exc/bkfl at building footings	1	LS	\$45,000.00	\$45,000	
exc/bckf elev pits	1	LS	\$3,000.00	\$3,000	
ex/bckf at site retaining walls	1,200	CY	\$35.00	\$42,000	
mep ex/bckf	1	LS	\$50,000.00	\$50,000	
8" process under sog	1,500	CY	\$40.00	\$60,000	
level for slab on grade	58,000	SF	\$0.25	\$14,500	
<b>Storm drainage System</b>					<b>\$317,380</b>
MH's	11	EA	\$5,000.00	\$55,000	
CB's	6	EA	\$4,500.00	\$27,000	
4x4x4 concrete galleries	600	LF	\$300.00	\$180,000	
10" CPEP	46	LF	\$35.00	\$1,610	
12" CPEP	335	LF	\$40.00	\$13,400	
15" CPEP	106	LF	\$45.00	\$4,770	
sanitary street connection	1	EA	\$7,000.00	\$7,000	
6" fdn pipe and stone drainage	1,300	LF	\$22.00	\$28,600	
<b>Sanitary System</b>					<b>\$96,000</b>
sanitary manholes	1	LS	\$75,000.00	\$75,000	allowance
oil / grease separator	2,000	GAL.	\$7.00	\$14,000	
sanitary street connection	1	EA	\$7,000.00	\$7,000	
<b>Water Service</b>					<b>\$52,050</b>
water and fire piping	530	LF	\$85.00	\$45,050	
street connection	1	EA	\$7,000.00	\$7,000	

<b>Gas Service</b>							
Gas piping by Gas Company		LF	\$25.00		\$0 excluded		\$0
ex/bcf at gas piping by Gas Company		CY	\$22.00		\$0 excluded		
<b>Site Lighting/Site Utility</b>							<b>\$58,000</b>
Exc/Bck @ light poles	2,000	LF	\$17.00		\$34,000		
Concrete bases	30	EA	\$550.00		\$16,500		
primary/secondary Exc/bcf	300	LF	\$25.00		\$7,500		
<b>Site Improvements</b>							<b>\$654,550</b>
New asphalt paving - 3"/8"/6"	19,200	SF	\$2.50		\$48,000		
concrete paving - 6"/12"/6"	7,500	SF	\$7.00		\$52,500		
8" process base under pavement - after using 300cy of pulverized materials	500	CY	\$38.00		\$19,000		
6" stone base under process	525	CY	\$40.00		\$21,000		
pavement markings and signage	1	LS	\$25,000.00		\$25,000		
concrete duct banks/exc/backf/concrete	300	LF	\$75.00		\$22,500		
mechanical pads	1,200	SF	\$40.00		\$48,000		
scored concrete sidewalk w/base	2,400	SF	\$10.00		\$24,000		
concrete retaining walls - 300 lf +/-	150	CY	\$450.00		\$67,500		
stairs	1	LS	\$50,000.00		\$50,000		
metal bollards	25	EA	\$350.00		\$8,750		
stone bollards with chains	80	EA	\$750.00		\$60,000		
site light poles	20	EA	\$5,000.00		\$100,000 allowance		
site furnishings	1	LS	\$25,000.00		\$25,000 allowance		
metal railings	1	LS	\$25,000.00		\$25,000 allowance		
perimeter fence - chain link	1,000	LF	\$25.00		\$25,000		
poured in place concrete curbs	1,850	LF	\$18.00		\$33,300		
<b>Subcontractor Bonding</b>							<b>\$42,820</b>
<b>Sitework Total</b>							<b>\$2,183,800</b>

**BUILDING DEMOLITION:**

Item	Qty	Unit	Unit Price	Total	Sub-Total
existing police department - 2,400 sf	30,000	CF	\$1.25	\$37,500	has bsmt
existing detective building - 1,660 sf	20,000	CF	\$1.25	\$25,000	has bsmt
existing garages - 1,455 sf	17,500	CF	\$1.00	\$17,500	
<b>Subcontractor Bonding</b>					\$1,600
<b>Demolition Total</b>					<b>\$81,600</b>

**ELECTRICAL SERVICE DISTRIBUTION:**

Item	Qty	Unit	Unit Price	Total	Sub-Total
Primary Cond. 2X4 " PVC	600	lf	\$8.00	\$4,800	
Tel/CATV	750	lf	\$8.00	\$6,000	
Tel/CATV-Elec Hand Hole	2	ea	\$1,250.00	\$2,500	
Galv Els/Riser	3	ea	\$350.00	\$1,050	
<b>Transformer Pad &amp; Grounding</b>	1	ls	\$4,000.00	\$4,000	
Sec. 3X4/600mcm/4" PVC + 1-Spare C	600	lf	\$8.00	\$4,800	
to Sw/CT W	2,040	lf	\$17.00	\$34,680	
<b>1600A 480V Sw/CT/MDP</b>	1	ea	\$13,000.00	\$13,000	
SVC Grounding	1	ls	\$2,500.00	\$2,500	
<b>200A 480V MLO Panel</b>	9	ea	\$2,000.00	\$18,000	
4/3-0+G/2" EMT C	1,500	lf	\$17.00	\$25,500	
to MDP W	6,200	lf	\$7.00	\$43,400	
<b>75KVA TX w/ IO+G</b>	9	ea	\$3,500.00	\$31,500	
<b>200A 208V MCB Panel</b>	9	ea	\$1,600.00	\$14,400	
4/3-0+G/2" EMT C	200	lf	\$17.00	\$3,400	
to MDP W	900	lf	\$8.00	\$7,200	
<b>600A 480V Mech. Rm. Panel 2-Sect.</b>	1	ls	\$4,000.00	\$4,000	
2X4/350mcm+G/3" EMT C	240	lf	\$18.00	\$4,320	
to MDP W	1,000	lf	\$12.00	\$12,000	
<b>45 KVA TX w/ IO+G (Elec Rm.)</b>	1	ea	\$2,200.00	\$2,200	
4/#3/1-1/4" EMT C	30	lf	\$9.00	\$270	
to MDP W	160	lf	\$4.00	\$640	
<b>100A 208V MCB Panel (Elec Rm.)</b>	1	ea	\$1,500.00	\$1,500	
4/#3+G/1-1/4 EMT C	10	lf	\$17.00	\$170	
to 45 KVA TX W	80	lf	\$12.00	\$960	
<b>750KW Gen w/ 1600A Xfer Sw.</b>	1	ea	\$350,000.00	\$350,000	
Sec. 3X4/600mcm+G/4" PVC C	630	lf	\$9.00	\$5,670	
4"Rigid C	120	lf	\$60.00	\$7,200	
to Sw/CT W	3,120	lf	\$20.00	\$62,400	
2X1" PVC Controls/Block Heater/etc. C	400	lf	\$4.00	\$1,600	
1" Rigid C	60	lf	\$13.00	\$780	
10#12THHN ea. W	250	lf	\$0.60	\$150	
Gen. Annunciator	1	ls	\$550.00	\$550	
3/4" EMT C	80	lf	\$6.00	\$480	
16/2 Tw.-Sh.	100	lf	\$1.20	\$120	
<b>45KVA UPS</b>	1	ea	\$30,000.00	\$30,000	
6/#6+G/ 3/4" EMT C	220	lf	\$7.00	\$1,540	
MDP W	750	lf	\$1.50	\$1,125	
<b>125A MCB 208V UPS Panel</b>	1	ea	\$1,300.00	\$1,300	
4/#1+G/1-1/2"EMT C	30	lf	\$15.00	\$450	
to UPS W	160	lf	\$6.00	\$960	
<b>HVAC:</b>					
Chiller 400A 480V w/ Disc	1	ea	\$2,000.00	\$2,000	
4/500mcm+G/4" EMT C	240	lf	\$29.00	\$6,960	
to MDP W	1000	lf	\$13.75	\$13,750	
New ERU/RTU Unit w/ Disc 480V 60A	5	ea	\$500.00	\$2,500	
3/#6 +G/3/4" EMT C	700	lf	\$4.50	\$3,150	
W	2300	lf	\$0.80	\$1,840	
Crac1, 1a	2	ea	\$2,125.00	\$4,250	
Boiler	2	ea	\$1,006.00	\$2,012	
3P 30A Pump	6	ea	\$625.00	\$3,750	
<b>Fire Alarm System:</b>					
FACP Addressable w/ VEVAC	1	ls	\$6,600.00	\$6,600	
Annunciator	1	ls	\$2,500.00	\$2,500	
VEVAC Mic. Next to Annunciator	1	ls	\$2,200.00	\$2,200	
<b>MISC</b>					
Temporary Light and Power	1	ls	\$20,000.00	\$20,000	

Disc/Demo/Refeed	1	ls	\$4,000.00	\$4,000
Lift Use/Rental	1	ls	\$2,000.00	\$2,000
As Built/Coordination Dwgs.	1	ls	\$4,500.00	\$4,500
Seismic Engineering	1	ls	\$10,000.00	\$10,000
Coordination Study	1	ls	\$17,000.00	\$17,000
<b>Subcontractor Bonding</b>				
<b>Electrical Service Distribution Total</b>				<b>\$832,450</b>

**HVAC SERVICE DISTRIBUTION:**

Item	Qty	Unit	Unit Price	Total	Sub-Total
chiller	1	EA	\$225,000.00	\$225,000	allowance
boilers and pumps	2	EA	\$175,000.00	\$350,000	
boiler flue	1	EA	\$80,000.00	\$80,000	
underground tank	10,000	GAL.	\$6.50	\$65,000	allowance
misc piping	1	LS	\$125,000.00	\$125,000	
<b>Subcontractor Bonding</b>				\$16,900	
<b>HVAC Service Distribution Total</b>					<b>\$861,900</b>

**Hamden PD & Town Hall**  
**Design Development Budget**

11/24/2008

**DIXWELL / WHITNEY AVES IMPROVEMENTS:**

"From building's line out"

Item	Qty	Unit	Unit Price	Total	Sub-Total
remove bituminous walk/pavement	20,000	SF	\$0.30	\$6,000	
New asphalt paving - 4"	44,300	SF	\$4.00	\$177,200	
level, and recompact existing base	44,300	SF	\$1.00	\$44,300	
scored concrete walks w/base	12,440	SF	\$10.00	\$124,400	
detectable ramps	1	EA	\$2,500.00	\$2,500	
stamped asphalt pavement w/base	2,700	SF	\$7.00	\$18,900	
granite curbs/bands along sidewalk	2,500	LF	\$35.00	\$87,500	
concrete pavers w/base	1,675	SF	\$20.00	\$33,500	
granite treads and risers	2,000	LF	\$75.00	\$150,000	
retaining walls - 700 lf	350	CY	\$450.00	\$157,500	
form liner @ walls along Dixwell	150	LF	\$200.00	\$30,000	
exterior bronze railing	90	LF	\$500.00	\$45,000	
site lighting	10	EA	\$5,000.00	\$50,000	allowance
bus stop shed					\$0 by others
flag pole	1	EA	\$5,000.00	\$5,000	
import topsoil	80	CY	\$70.00	\$5,600	
landscape / irrigation / planters	1	LS	\$125,000.00	\$125,000	allowance
pavement markings	1	LS	\$7,000.00	\$7,000	

**Sub-total \$1,069,400**

Design/Estimating Contingencies

**10% \$106,940**

Escalation

\$0 excluded

CM General Conditions

\$0 if done during const.

Building Permit Fee (by owner)

\$0

CM Fee

**1.5% \$17,645**

**Total \$1,193,985**

## Police Department Addition

### Design Development Budget

#### Summary Level

**Summary Date:** November 24, 2008

**Total GSF:** 51,860

Construction Specification Institute Description	CSI #	Total Cost
Structure	Div 3	\$3,324,172
Masonry	Div 4	\$2,828,575
Misc Metals	Div 5	\$228,625
Wood & Plastics	Div 6	\$451,575
Thermal & Moisture Protection	Div 7	\$750,750
Doors and Windows	Div 8	\$675,675
Finishes	Div 9	\$804,200
Specialties and Equipment	Div 10	\$1,499,400
Elevators	Div 14	\$150,000
<b>Sub-Total Base Building General Construction</b>		<b>\$10,712,972</b>
Fire Protection	Div 15F	\$266,750
H.V.A.C.	Div 15H	\$3,060,500
Plumbing	Div 15P	\$956,000
Electrical	Div 16	\$1,179,258
<b>Sub-Total Base Building MEPs</b>		<b>\$5,462,508</b>
<b>Subcontractor Bonding</b>		<b>\$323,510</b>
<b>Estimated Base Building Construction Trade Costs:</b>		<b>\$16,498,990</b>

#### STRUCTURE

frost footings - 36" wide	85	CY	400.00	\$34,000
spread footings F3.5	5	EA	3,500.00	\$17,500
spread footings F5.0	12	EA	5,000.00	\$60,000
spread footings F6.0	8	EA	6,000.00	\$48,000
spread footings F7.0	21	EA	7,000.00	\$147,000
slab on grade - 6" thick	772	SF	8.50	\$6,562
concrete walls - 16" @ 11'-4"	93	CY	450.00	\$41,850
concrete walls - 16" @ 2'-6"	50	CY	450.00	\$22,500
concrete walls - 16" @ 4'-6"	11	CY	450.00	\$4,950
concrete walls - 8" @ 39'	70	CY	450.00	\$31,500
concrete walls - 8" @ 4'	3	CY	450.00	\$1,350
concrete walls - 8" @ 48'	68	CY	450.00	\$30,600
concrete walls - 16" @ 15'	29	CY	450.00	\$13,050
concrete walls - 8" @ 28'	26	CY	450.00	\$11,700
concrete walls - 8" @ 24'	200	CY	450.00	\$90,000
concrete walls - 8" @ 16'	40	CY	450.00	\$18,000
slab on grade - 4" thick	19,200	SF	7.50	\$144,000
slab on grade - 12" thick	115	SF	14.00	\$1,610
two-way concrete deck - 8" thick	50,000	SF	50.00	\$2,500,000
two-way concrete deck - 12" thick	2,000	SF	50.00	\$100,000
<b>Division 03 -</b>				<b>\$3,324,172</b>

#### MASONRY / STONE

8" CMU backup - 12' h	1,700	SF	20.00	\$34,000
brick veneer - 12' h	1,700	SF	40.00	\$68,000
cast stone band - 3' h	802	SF	50.00	\$40,100
4" cast stone veneer - 13' h	1,830	SF	55.00	\$100,650
4" split face CMU - 16'h	1,655	SF	14.00	\$23,170
6" split face CMU - 3'-6"h	900	SF	16.00	\$14,400
4" split face CMU - 11'-6"h	1,325	SF	14.00	\$18,550
4" granite panels - 3'-6"h	626	SF	75.00	\$46,950
glass block - 2'h	60	SF	100.00	\$6,000
4" split face CMU - 13'h	3,300	SF	14.00	\$46,200
4" split face CMU - 9'h	2,300	SF	14.00	\$32,200
4" split face CMU - 14'h	3,060	SF	14.00	\$42,840
8" CMU backup - 14' h	3,060	SF	20.00	\$61,200
brick veneer - 13' h	3,260	SF	40.00	\$130,400

4" split face CMU - 6'h	1,510	SF	14.00	\$21,140	
8" CMU backup - 19' h	4,750	SF	20.00	\$95,000	
cast stone coping	950	LF	68.00	\$64,600	
cast stone columns	4	EA	35,000.00	\$140,000	
cast stone sill	315	LF	65.00	\$20,475	
interior CMU walls	60,000	SF	20.00	\$1,200,000	
interior polished CMU walls	1,600	SF	22.00	\$35,200	
top of wall fire stopping	5,000	LF	7.00	\$35,000	
rebar	1	LS	100,000.00	\$100,000	
wall barrier	25,000	SF	1.50	\$37,500	
rigid insulation	25,000	SF	2.00	\$50,000	
misc flashings	1	LS	35,000.00	\$35,000	
temporary heat	1	LS	330,000.00	\$330,000	allowance
<b>Division 04 -</b>				<b>\$2,828,575</b>	
<b>STEEL / MISC METAL</b>					
misc metals	52,000	SF	1.50	\$78,000	
roof guardrail	95	LF	175.00	\$16,625	
lintels	250	EA	50.00	\$12,500	
stairs handrails	540	LF	75.00	\$40,500	
stairs picket guardrail	540	LF	150.00	\$81,000	
<b>Division 05 -</b>				<b>\$228,625</b>	
<b>WOOD &amp; PLASTICS</b>					
rough carpentry	52,000	SF	1.50	\$78,000	
bench	12	LF	300.00	\$3,600	
wood panels	1550	SF	65.00	\$100,750	
lower cabinets & tops	16	LF	600.00	\$9,600	
work station	435	LF	400.00	\$174,000	
lower/top & upper cabinets	67	LF	950.00	\$63,650	
mail boxes	13	EA	75.00	\$975	
countertop	105	LF	200.00	\$21,000	
<b>Division 06 -</b>				<b>\$451,575</b>	
<b>THERMAL /MOIST. PROTECTION</b>					
green roofing - extensive system, 4" @ main	20,000	SF	25.00	\$500,000	allowance
green roofing - extensive system, 8" @ lower	5,000	SF	30.00	\$150,000	allowance
EPDM roofing	500	SF	20.00	\$10,000	
balcony paver system	250	SF	30.00	\$7,500	
foundation waterproofing - 515 lf	5,000	SF	4.25	\$21,250	
elevator pit waterproofing	2	EA	5,000.00	\$10,000	
caulking	52,000	SF	1.00	\$52,000	
<b>Division 07 -</b>				<b>\$750,750</b>	
<b>DOORS &amp; WINDOWS</b>					
single hm frames - type 1	126	EA	150.00	\$18,900	
double hm frames - type 2	9	EA	250.00	\$2,250	
single hm frames w/ sidelite - type 3	2	EA	500.00	\$1,000	
double hm frames w/ 2 sidelites - type 5	1	EA	1,500.00	\$1,500	
hm window type 6	1	EA	3,750.00	\$3,750	
interior hm windows @ 48"	80	LF	175.00	\$14,000	
hm doors - type F	3	EA	275.00	\$825	
hm doors - type N	35	EA	310.00	\$10,850	
hm doors - type FG	2	EA	750.00	\$1,500	
solid wood doors - type F	45	EA	550.00	\$24,750	
solid wood doors - type N	67	EA	650.00	\$43,550	
hardware	152	EA	400.00	\$60,800	allowance
install doors/frames/hardware	152	EA	250.00	\$38,000	
OHD	4	EA	7,500.00	\$30,000	
fire shutters	4	EA	3,000.00	\$12,000	
butt joint glass curtain wall system	1,600	SF	100.00	\$160,000	
herculite main entry doors - manual	2	EA	12,000.00	\$24,000	
alum storefront entrances	10	EA	2,500.00	\$25,000	
interior storefronts - 80 lf	400	SF	45.00	\$18,000	
alum windows - fixed	1,800	SF	50.00	\$90,000	
generator acoustic screen	1	LS	60,000.00	\$60,000	allowance
louvers and vents	1	LS	5,000.00	\$5,000	
misc glazing, and mirrors	1,200	SF	25.00	\$30,000	
<b>Division 08 -</b>				<b>\$675,675</b>	
<b>FINISHES</b>					
exterior plaster finish	1,000	SF	19.00	\$19,000	
exterior drywall ceilings	1,000	SF	12.00	\$12,000	
interior drywall ceilings	6,000	SF	12.00	\$72,000	
2x2 ACT	44,000	SF	5.50	\$242,000	
ceramic wall and floor tiles		SF	12.00	\$0	excluded
stone flooring		SF	30.00	\$0	excluded
carpet		SY	40.00	\$0	excluded
linolium	17,000	SF	6.70	\$113,900	
HPC floors	30,000	SF	1.75	\$52,500	

rubber base	13,000	LF	1.75	\$22,750		
athletic rubber flooring	600	SF	15.00	\$9,000		
access flooring	4,000	SF	18.00	\$72,000	depressed slab, no ramp	
HPC walls	75,000	SF	1.75	\$131,250		
painting walls and ceilings	60,000	SF	0.75	\$45,000		
painting doors/frames	160	EA	80.00	\$12,800		
<b>Division 09 -</b>				<b>\$804,200</b>		
<b>SPECIALTIES / EQUIPMENT</b>						
appliances	1	LS	6,000.00	\$6,000	allowance	
visual display boards and projection screens	1	LS	25,000.00	\$25,000	allowance	
toilet partitions - sst	17	EA	2,400.00	\$40,800		
urinal screens - sst	9	EA	500.00	\$4,500		
demountable partitions	2,100	SF	40.00	\$84,000	allowance	
display cases		EA	5,000.00	\$0	excluded	
flag poles	2	EA	5,000.00	\$10,000		
metal lockers	22	EA	750.00	\$16,500		
personal / duty lockers	146	EA	1,600.00	\$233,600		
locker benches	1	LS	15,000.00	\$15,000		
booking lockers	1	LS	5,000.00	\$5,000		
pass-thru evidence lockers	4	EA	7,000.00	\$28,000		
tactical team steel cabinets	10	EA	750.00	\$7,500		
kennel wire mesh partitions / doors	1	LS	15,000.00	\$15,000		
tv brackets	7	EA	150.00	\$1,050		
fiberglass armor panels @ reception	1	LS	50,000.00	\$50,000		
reception bullet proof glazing	1	LS	25,000.00	\$25,000		
ballastic resistant pass thru	1	LS	500.00	\$500		
ballastic resistant speaker ports	1	LS	6,000.00	\$6,000		
ballastic resistant doors & frames	1	LS	10,000.00	\$10,000	Level 3, allowance	
transfer package boxes	2	EA	1,750.00	\$3,500		
fume hood	1	EA	4,000.00	\$4,000		
benchtop down flow workstation	1	EA	4,500.00	\$4,500		
drying cabinets	1	EA	6,000.00	\$6,000		
property room refrigerator	1	EA	4,000.00	\$4,000		
property room freezer	1	EA	5,000.00	\$5,000		
gun storage keybox	1	EA	1,200.00	\$1,200		
signage, directories	1	LS	15,000.00	\$15,000	allowance	
Fire extinguishers and cabinets	15	EA	250.00	\$3,750		
entrance mats	1	EA	5,000.00	\$5,000		
prefabricated detention cells including furnishings and hardware	20	CELLS	40,000.00	\$800,000	allowance	
window treatments - manual	1	LS	50,000.00	\$50,000	allowance	
toilet accessories	14	EA	1,000.00	\$14,000		
<b>Division 10 -</b>				<b>\$1,499,400</b>		
<b>ELEVATORS / LIFTS</b>						
elevators	5	STOPS	30,000.00	\$150,000		
wheel chair lifts				\$0	none	
<b>Division 14-</b>				<b>\$150,000</b>		
<b>FIRE PROTECTION</b>						
Fire protection	48,500	SF	5.50	\$266,750		
inergen system		CF		\$0	excluded	
<b>Division 15F-</b>				<b>\$266,750</b>		
<b>HVAC</b>						
air and water balancing	1	LS	50,000.00	\$50,000		
ductwork	7,100	LF	100.00	\$710,000		
registers, grilles, and diffusers	265	EA	200.00	\$53,000		
VAV	75	EA	3,250.00	\$243,750		
ERU / RTU	6	EA	100,000.00	\$600,000		
CHWR/CHWS piping	10,000	LF	35.00	\$350,000	allowance	
Redundant Units serving 911	2	EA	45,000.00	\$90,000		
duct risers	35	EA	1,750.00	\$61,250		
CUH	3	EA	1,500.00	\$4,500		
FCU	48	EA	6,000.00	\$288,000		
ductwork and piping insulation	1	LS	250,000.00	\$250,000		
controls	1	LS	300,000.00	\$300,000	allowance	
exhaust fans	20	EA	1,500.00	\$30,000		
startup and test of equipment	1	LS	30,000.00	\$30,000		
<b>Division 15H-</b>				<b>\$3,060,500</b>		
<b>PLUMBING</b>						
plumbing fixtures	86	FIX	4,000.00	\$344,000		
sanitary / vent piping	2,400	LF	35.00	\$84,000		
cw/hw/hwr piping	4,000	LF	27.00	\$108,000		
cell fixtures	20	FIX	15,000.00	\$300,000	allowance	
gas piping	1	LS	50,000.00	\$50,000	allowance	
roof drains	20	EA	3,000.00	\$60,000	1 drain per 1000 sf	
water heater	1	EA	10,000.00	\$10,000		

Division 15P-				\$956,000			
<b>ELECTRICAL</b>							
Lighting		1ls	350,000.00	\$350,000	allowance		
Elevator Controller		2ea	750.00	\$1,500			
Elevator Disconnect 60A		2ea	350.00	\$700			
4#6/1" EMT	C	280lf	8.00	\$2,240			
to MDP	W	1200lf	1.50	\$1,800			
Cab Lite Ckt.w/ Disc.		2ls	550.00	\$1,100			
Misc Shunt Trip/Recall wiring		2ls	1,200.00	\$2,400			
Pit Light/Sw. /Recpt.		2ls	550.00	\$1,100			
Recpt. Pit/Sump Pump		2ea	300.00	\$600			
<b>MISC POWER</b>							
Duplex Recpt		305ea	175.00	\$53,375			
Duplex Recpt Ded		42ea	220.00	\$9,240			
Quad Recpt Ded.		20ea	230.00	\$4,600			
Quad Recpt, Ded 3/ Ckt.		100ea	210.00	\$21,000			
GFI Recpt		10ea	180.00	\$1,800			
GFI Ded		23ea	220.00	\$5,060			
GFI-WP		4ea	300.00	\$1,200			
Power Driveway Security Gate		4ea	625.00	\$2,500			
J-Box Wall Furniture Power Feed w/ Data		4ea	440.00	\$1,760			
Fuel Pumps(Explosion Proof)		1ls	5,000.00	\$5,000			
Floor Outlet w/ Data		6ea	1,200.00	\$7,200			
security switches @ cells		40ea	500.00	\$20,000			
Misc. 120V Equip Conn.		40ea	220.00	\$8,800			
<b>Tel/Data/CATV:</b>							
Tel/CATV/Spare 4" PVC Service Entrance		1200lf	7.30	\$8,760			
Police MDF (MA-MER)		1ea	18,750.00	\$18,750			
Fiber to IDF's		600lf	11.70	\$7,020			
1-1/4" EMT		500lf	8.50	\$4,250			
100 Pr Cat 3		600lf	3.80	\$2,280			
2" EMT		500lf	13.25	\$6,625			
IDF		3ea	6,250.00	\$18,750			
3/4EMT to Accesible Ceiling		156ea	58.50	\$9,126			
Cat 6 Voice/Data Drop		538ea	193.00	\$103,834			
CATV RG11		600ea	9.00	\$5,400			
1-1/4 EMT		500ea	8.50	\$4,250			
CATV RG6 Drops		28ea	196.00	\$5,488			
<b>HVAC:</b>							
New RTU Unit w/ Disc 480V 60A		6ea	550.00	\$3,300			
3#6 +G/3/4" EMT	C	1200lf	6.00	\$7,200			
	W	3200lf	1.50	\$4,800			
120V Exh. Fan		6ea	430.00	\$2,580			
3Ph. 20A Exh Fan		6ea	1,100.00	\$6,600			
EWB/CUH/HWH		16ea	400.00	\$6,400			
VAV		75ea	200.00	\$15,000			
Tstat Stub to HC		75ea	60.00	\$4,500			
Misc 120V TempControl Feeds		1ls	3,000.00	\$3,000			
<b>Fire Alarm System:</b>							
Pull Sta's		14ea	350.00	\$4,900			
Speaker Strobes		66ea	410.00	\$27,060			
Strobes		22ea	330.00	\$7,260			
Flo/Tampers		10ea	430.00	\$4,300			
Smoke Det's,		150ea	350.00	\$52,500			
Duct Smoke Det's		10ea	1,000.00	\$10,000			
Heat Det's,		22ea	350.00	\$7,700			
Elevator Recall Smoke Det		9ea	600.00	\$5,400			
Elevator Shunt Trip Heat Det		4ea	520.00	\$2,080			
Generator/Misc modules		8ea	430.00	\$3,440			
Mag Door Holders		12ea	320.00	\$3,840			
Call For Aid's		13ea	300.00	\$3,900			
<b>Sound/PA/Icom Systems</b>							
Sound/PA/Icom Systems							
Amp/Head End Control		2ea	1,875.00	\$3,750			
Speaker		48ea	315.00	\$15,120			
Interview Mic.		11ea	400.00	\$4,400			
Interview Head End		1ls	5,000.00	\$5,000			
Video Icom		2ea	1,440.00	\$2,880			
Icom (serv window)		3ea	550.00	\$1,650			
<b>Security System:</b>							
DVR		1ea	5,000.00	\$5,000			
Master Server/ Keyboard		1ea	3,500.00	\$3,500			
Multiplexor		1ea	2,700.00	\$2,700			



# Town Hall Renovation

## Design Development Budget

### Summary Level

**Summary Date:** November 24, 2008

**Total GSF:** 36,980

Construction Specification Institute Description	CSI #	Total Cost
Demolition	Div 2	\$409,853
Structure	Div 3	\$84,250
Masonry	Div 4	\$96,100
Façade Restoration & ADA - Allowance	Div 4A	\$251,500
Misc Metals	Div 5	\$296,900
Wood & Plastics	Div 6	\$663,000
Thermal & Moisture Protection	Div 7	\$452,500
Doors and Windows	Div 8	\$599,820
Finishes	Div 9	\$1,444,025
Specialties and Equipment	Div 10	\$197,350
Elevators	Div 14	\$95,000
<b>Sub-Total Base Building General Construction</b>		<b>\$4,590,298</b>
Fire Protection	Div 15F	\$222,000
H.V.A.C.	Div 15H	\$1,495,500
Plumbing	Div 15P	\$562,300
Electrical	Div 16	\$631,214
<b>Sub-Total Base Building MEPs</b>		<b>\$2,911,014</b>
<b>Subcontractor Bonding</b>		<b>\$150,026</b>
<b>Estimated Base Building Construction Trade Costs:</b>		<b>\$7,651,338</b>

DEMOLITION				
Demo Note 1	1,110	SF	15.00	\$16,650
Demo Note 2	10	LF	40.00	\$400
Demo Note 3	2	EA	2,500.00	\$5,000
Demo Note 4	1	EA	250.00	\$250
Demo Note 5	50	EA	30.00	\$1,500
Demo Note 6	5	EA	75.00	\$375
Demo Note 7	18	EA	1,000.00	\$18,000
Demo Note 8	2	EA	100.00	\$200
Demo Note 9	6	EA	250.00	\$1,500
Demo Note 11	100	EA	30.00	\$3,000
Demo Note 12	2	EA	150.00	\$300
Demo Note 13	2	EA	1,000.00	\$2,000
Demo Note 14	25	EA	350.00	\$8,750
Demo Note 16	10	EA	1,500.00	\$15,000
Demo Note 17	3	EA	2,500.00	\$7,500
Demo Note 18	5	EA	1,500.00	\$7,500
Demo Note 19	3	EA	1,500.00	\$4,500
Demo Note 21/22	725	SF	3.00	\$2,175
Demo Note 23	3,500	SF	0.75	\$2,625
Demo Note 26/27	45	EA	150.00	\$6,750
Demo Note 29	5	EA	150.00	\$750
Demo Note 31	2	EA	350.00	\$700
Demo Note 32	1,000	LF	30.00	\$30,000
Demo Note 33	4	EA	250.00	\$1,000
Demo Note 34	84	LF	30.00	\$2,520
Demo Note 36	10	EA	30.00	\$300
Demo Note 37/38	4	EA	300.00	\$1,200
Demo Note 39	2	EA	100.00	\$200
Demo Note 40	60	EA	150.00	\$9,000
Demo Note 41	14,730	SF	0.75	\$11,048
Demo Note 42	10	LF	25.00	\$250
Demo Note 43	8	EA	35.00	\$280
Demo Note 44	1	EA	2,500.00	\$2,500
Demo Note 45	19	LF	25.00	\$475
Demo Note 46	155	SF	1.00	\$155
Roof Removal	14,250	SF	4.00	\$57,000
Ceilings Removal	19,000	SF	1.50	\$28,500

temporary trailer for FD	1	LS	60,000.00	\$60,000	allowance		
shoring	1	LS	25,000.00	\$25,000	allowance		
misc cutting and patching	1	LS	75,000.00	\$75,000	allowance		
<b>Division 03 -</b>				<b>\$409,853</b>			
<b>STRUCTURE</b>							
spread footings F3.5	9	EA	3,500.00	\$31,500			
slab on grade - 6" thick	810	SF	10.00	\$8,100			
concrete walls - 16" @ 4'-6"	1	EA	3,000.00	\$3,000			
elevator pit	1	EA	15,000.00	\$15,000			
sawcut slab	200	LF	6.00	\$1,200			
stair infills	3	EA	3,000.00	\$9,000			
leveling compound	700	SF	2.00	\$1,400			
grade beam - 8x24	10	LF	100.00	\$1,000			
concrete frost walls - 12"	25	LF	250.00	\$6,250			
concrete infills	13	EA	600.00	\$7,800			
<b>Division 03 -</b>				<b>\$84,250</b>			
<b>MASONRY</b>							
8" cmu infills	1,700	SF	17.00	\$28,900			
brick infills	620	SF	40.00	\$24,800			
8" cmu - interior walls	2,650	SF	16.00	\$42,400			
<b>Division 04 -</b>				<b>\$96,100</b>			
<b>FAÇADE RESTORATION &amp; ADA</b>							
ramps and stairs	1	LS	75,000.00	\$75,000	allowance		
terra cotta repairs	800	LF	100.00	\$80,000	allowance		
plaster soffit and columns restoration	1	LS	35,000.00	\$35,000	allowance		
brick / stone repointing	350	SF	60.00	\$21,000	allowance		
steam cleaning façade	20,250	SF	2.00	\$40,500	allowance		
repair of cupola				\$0	excluded		
<b>Division 04A -</b>				<b>\$251,500</b>			
<b>STEEL / MISC METAL</b>							
steel beams	210	LF	250.00	\$52,500			
steel columns	11	EA	1,500.00	\$16,500			
expansion joint assemblies	1	LS	25,000.00	\$25,000	allowance		
auditorium stairs and rails	2	EA	35,000.00	\$70,000	allowance		
public stairs and rails	1	EA	30,000.00	\$30,000			
roof ladders	2	EA	1,200.00	\$2,400			
exterior railings	200	LF	300.00	\$60,000	allowance		
stairs handrails	180	LF	75.00	\$13,500			
stairs picket guardrail	180	LF	150.00	\$27,000			
<b>Division 05 -</b>				<b>\$296,900</b>			
<b>WOOD &amp; PLASTICS</b>							
rough carpentry	37,000	SF	0.50	\$18,500			
architectural millwork in auditorium	1	LS	500,000.00	\$500,000	allowance		
chairs and movable tables				\$0	by owner		
lower cabinets & tops	20	LF	600.00	\$12,000			
lower/top & upper cabinets	70	LF	950.00	\$66,500			
countertop	30	LF	200.00	\$6,000			
interior running and standing trim	1	LS	60,000.00	\$60,000	allowance		
<b>Division 06 -</b>				<b>\$663,000</b>			
<b>THERMAL /MOIST. PROTECTION</b>							
EPDM roofing replacement	16,500	SF	22.00	\$363,000			
icyene spray insulation at the roof	16,500	SF	4.00	\$66,000			
elevator pit waterproofing	1	EA	5,000.00	\$5,000			
caulking	37,000	SF	0.50	\$18,500			
<b>Division 07 -</b>				<b>\$452,500</b>			
<b>DOORS &amp; WINDOWS</b>							
interior doors, hm frames & hdwr	111	EA	1,100.00	\$122,100	allowance		
mahogany entry doors - custom to fit in existing frames	10	EA	25,000.00	\$250,000	allowance		
wood window type L - 7sf	2	EA	630.00	\$1,260	new		
wood window type F - 11sf	1	EA	440.00	\$440	repair, reglaze, repaint & seal shut		
wood window type S - ???sf	3	EA	750.00	\$2,250	new, allowance		
wood window type R - 33sf	1	EA	2,970.00	\$2,970	new		
wood window type M - 24sf	2	EA	960.00	\$1,920	repair, reglaze, repaint & seal shut		
wood window type J - 8sf	3	EA	400.00	\$1,200	repair, reglaze, repaint & seal shut		
round top alum clad wood windows replacement - type I @ auditorium, installed 14'wX17'h	2	EA	30,000.00	\$60,000	allowance		
wood window type C - 23sf	54	EA	920.00	\$49,680	repair, reglaze, repaint & seal shut		
wood window type C - 23sf	8	EA	2,070.00	\$16,560	new		
wood window type K - 9sf	2	EA	360.00	\$720	repair, reglaze, repaint & seal shut		

wood window type A - 39sf	6EA	1,560.00	\$9,360	repair, reglaze, repaint & seal shut
wood window type D - 13sf	2EA	520.00	\$1,040	repair, reglaze, repaint & seal shut
wood window type H - 42sf	5EA	1,680.00	\$8,400	allowance
wood window type B - 30sf	7EA	1,200.00	\$8,400	repair, reglaze, repaint & seal shut
wood window type B - 30sf	1EA	2,700.00	\$2,700	new
wood window type P - 55sf	2EA	4,950.00	\$9,900	new
wood window type Q - 89sf	2EA	8,010.00	\$16,020	new
new hardware for existing windows	72EA	200.00	\$14,400	allowance
storm windows			\$0	excluded
louvers and vents	50SF	40.00	\$2,000	
misc glazing, and mirrors	37,000SF	0.50	\$18,500	
<b>Division 08 -</b>			<b>\$599,820</b>	
<b>FINISHES</b>				
interior plaster ceiling finish / patching	16,000SF	10.00	\$160,000	allowance
interior plaster wall finish / patching	8,000SF	8.00	\$64,000	allowance
drywall partitions	15,000SF	14.00	\$210,000	
all existing walls to be furred	42,000SF	7.00	\$294,000	
drywall ceilings @ std height	4,200SF	12.00	\$50,400	
drywall ceilings @ auditorium	5,550SF	14.00	\$77,700	
top of wall fire stopping	1,500LF	7.00	\$10,500	
2x2 ACT	10,000SF	5.50	\$55,000	
ceramic wall and floor tiles	7,500SF	12.00	\$90,000	
wood flooring	6,700SF	12.00	\$80,400	
carpet @ chief's office only	60SY	35.00	\$2,100	
linolium	19,000SF	6.70	\$127,300	
rubber base	3,000LF	1.75	\$5,250	
repolish terazzo floor	3,500SF	10.00	\$35,000	
new terazzo floor	475SF	45.00	\$21,375	
painting	37,000SF	3.00	\$111,000	
temporary heat	1LS	50,000.00	\$50,000	allowance
<b>Division 09 -</b>			<b>\$1,444,025</b>	
<b>SPECIALTIES / EQUIPMENT</b>				
appliances	1LS	5,000.00	\$5,000	allowance
new brackets for existing flags	1LS	5,000.00	\$5,000	allowance
visual display boards and projection screens	1LS	5,000.00	\$5,000	allowance
toilet partitions - sst	9EA	2,400.00	\$21,600	
urinal screens - sst	0EA	500.00	\$0	none
display cases			\$0	by owner
personal / duty lockers	42EA	1,600.00	\$67,200	
signage, directories	1LS	15,000.00	\$15,000	allowance
Fire extinguishers and cabinets	10EA	250.00	\$2,500	
entrance mats			\$0	none
window treatments - manual	1LS	25,000.00	\$25,000	allowance
restoration of existing fixed seats @ balcony	213EA	100.00	\$21,300	allowance (minor restoration)
stage curtain / draiperies	1LS	20,000.00	\$20,000	allowance
toilet accessories	13EA	750.00	\$9,750	
<b>Division 10 -</b>			<b>\$197,350</b>	
<b>ELEVATORS / LIFTS</b>				
elevators	2STOPS	30,000.00	\$60,000	
wheel chair lifts	1EA	35,000.00	\$35,000	allowance
<b>Division 14-</b>			<b>\$95,000</b>	
<b>FIRE PROTECTION</b>				
Fire protection	37,000SF	6.00	\$222,000	
<b>Division 15F-</b>			<b>\$222,000</b>	
<b>HVAC</b>				
air and water balancing	1LS	20,000.00	\$20,000	
ductwork	3,300LF	100.00	\$330,000	
registers, grilles, and diffusers	95EA	200.00	\$19,000	
VAV	18EA	3,250.00	\$58,500	
ERU / RTU	3EA	100,000.00	\$300,000	
CHWR/CHWS piping	6,000LF	35.00	\$210,000	
duct risers	24EA	1,750.00	\$42,000	
CUH	28EA	1,500.00	\$42,000	
FCU	17EA	6,000.00	\$102,000	
UH	6EA	2,000.00	\$12,000	
ductwork and piping insulation	1LS	175,000.00	\$175,000	
controls	1LS	150,000.00	\$150,000	allowance
exhaust fans	1LS	20,000.00	\$20,000	
startup and test of equipment	1LS	15,000.00	\$15,000	
<b>Division 15H-</b>			<b>\$1,495,500</b>	
<b>PLUMBING</b>				
plumbing fixtures	59FIX	5,000.00	\$295,000	allowance

sanitary / vent piping		500LF	35.00	\$17,500		
cw/hw/hwr piping		2,400LF	27.00	\$64,800		
gas piping		1LS	25,000.00	\$25,000	allowance	
replace roof drains		1LS	150,000.00	\$150,000	allowance	
water heater		1EA	10,000.00	\$10,000		
<b>Division 15P-</b>				<b>\$562,300</b>		
<b>ELECTRICAL</b>						
<b>Lighting</b>		1ls	150,000.00	\$150,000	allowance	
auditorium special lighting				\$0	by owner	
<b>200A 480V MLO Panel</b>		3ea	1,800.00	\$5,400		
4/3-0+G/2" EMT	C	600lf	14.50	\$8,700		
to MDP	W	2400lf	5.00	\$12,000		
<b>75KVA TX w/ IO+G</b>		3ea	3,500.00	\$10,500		
<b>200A 208V MCB Panel</b>		3ea	1,600.00	\$4,800		
4/3-0+G/2" EMT	C	150lf	15.00	\$2,250		
to MDP	W	700lf	5.00	\$3,500		
<b>100A 480V Mech. Rm. Panel</b>		1ls	2,400.00	\$2,400		
4/#3+G/1-1/4 EMT	C	240lf	66.00	\$15,840		
to MDP	W	1000lf	2.00	\$2,000		
<b>Elevator Controller</b>		2ea	650.00	\$1,300		
Elevator Disconnect 60A		2ea	350.00	\$700		
4/#6/1" EMT	C	400lf	6.50	\$2,600		
to MDP	W	1750lf	1.50	\$2,625		
Cab Lite Ckt.w/ Disc.		2ls	525.00	\$1,050		
Misc Shunt Trip/Recall wiring		2ls	1,000.00	\$2,000		
Pit Light/Sw. /Recpt.		2ls	525.00	\$1,050		
Recpt. Pit/Sump Pump		2ea	300.00	\$600		
<b>MISC POWER</b>						
Duplex Recpt		195ea	160.00	\$31,200		
Duplex Recpt Ded		9ea	200.00	\$1,800		
Quad Recpt Ded.		12ea	225.00	\$2,700		
GFI Recpt		8ea	175.00	\$1,400		
GFI Ded		16ea	200.00	\$3,200		
GFI-WP		4ea	295.00	\$1,180		
J-Box Wall Furniture Power Feed w/ Data		2ea	425.00	\$850		
Floor Outlet w/ Data		7ea	1,000.00	\$7,000		
Misc. 120V Equip Conn.		20ea	210.00	\$4,200		
<b>Elevator Controller</b>		1ea	750.00	\$750		
Elevator Disconnect 60A		1ea	350.00	\$350		
4/#6/1" EMT	C	140lf	8.00	\$1,120		
to MDP	W	600lf	1.50	\$900		
Cab Lite Ckt.w/ Disc.		1ls	550.00	\$550		
Misc Shunt Trip/Recall wiring		1ls	1,200.00	\$1,200		
Pit Light/Sw. /Recpt.		1ls	550.00	\$550		
Recpt. Pit/Sump Pump		1ea	300.00	\$300		
<b>Tel/Data/CATV:</b>						
Town Hall MDF (LA-MER)		1ea	20,000.00	\$20,000		
Fiber to MA-MER		380lf	11.60	\$4,408		
1-1/4" EMT		350lf	9.00	\$3,150		
100 Pr Cat 3 To MA-MER		380lf	4.00	\$1,520		
2" EMT		350lf	13.50	\$4,725		
IDF UA-ITR		1ea	6,500.00	\$6,500		
Fiber to LA-MER		150lf	11.60	\$1,740		
1-1/4" EMT		120lf	9.00	\$1,080		
100 Pr Cat 3 To LA-MER		150lf	4.00	\$600		
2" EMT		120lf	13.50	\$1,620		
3/4EMT to Accessible Ceiling		84ea	60.00	\$5,040		
Cat 6 Voice/Data Drop		206ea	195.00	\$40,170		
CATV RG11		300ea	9.00	\$2,700		
1-1/4 EMT		250ea	9.00	\$2,250		
CATV RG6 Drops		9ea	250.00	\$2,250		
<b>HVAC:</b>						
New ERU/RTU Unit w/ Disc 480V 60A		4ea	480.00	\$1,920		
3/#6 +G/3/4" EMT	C	400lf	4.60	\$1,840		
	W	2300lf	1.00	\$2,300		
120V Exh. Fan		4ea	425.00	\$1,700		
3Ph. 20A Exh Fan		2ea	1,150.00	\$2,300		
EWB/CUH/HWH		21ea	400.00	\$8,400		
VAV		16ea	175.00	\$2,800		
Tstat Stub to HC		20ea	60.00	\$1,200		
Motorized Damper		4ea	225.00	\$900		
Misc 120V TempControl Feeds		1ls	2,600.00	\$2,600		
<b>Fire Alarm System:</b>						
Annunciator		1ls	2,100.00	\$2,100		

VEVAC Mic. Next to Annunciator	1	ls	2,000.00	\$2,000			
Pull Sta's	14	ea	350.00	\$4,900			
Speaker Strobes	46	ea	405.00	\$18,630			
Strobes	15	ea	325.00	\$4,875			
Flo/Tampers	6	ea	425.00	\$2,550			
Duct Smoke Det's	8	ea	890.00	\$7,120			
Elevator Recall Smoke Det	6	ea	520.00	\$3,120			
Elevator Shunt Trip Heat Det	4	ea	505.00	\$2,020			
Misc modules	8	ea	425.00	\$3,400			
Call For Aid's	13	ea	300.00	\$3,900			
<b>Sound/PA/Icom Systems</b>							
Amp/Head End Control	1	ea	1,815.00	\$1,815			
Speaker	14	ea	315.00	\$4,410			
Speaker Wall	4	ea	450.00	\$1,800			
Floor Microphone	16	ea	755.00	\$12,080			
Wireless Mic	1	ea	720.00	\$720			
Ceil Mic	1	ea	470.00	\$470			
<b>Security System:</b>							
DVR	1	ea	5,200.00	\$5,200			
Master Server/ Keyboard	1	ea	3,300.00	\$3,300			
Multiplexor	1	ea	2,700.00	\$2,700			
36" Monitor	1	ea	2,050.00	\$2,050			
Camera (Fixed)	29	ea	1,000.00	\$29,000			
Camera (PTZ) w/Heated Enclosure	7	ea	1,600.00	\$11,200			
CR w/Key Pad	1	ea	612.00	\$612			
Door Cont's	32	ea	300.00	\$9,600			
Card Reader	12	ea	612.00	\$7,344			
Additional Prox Cards	150	ea	125.00	\$18,750			
Elec strike	32	ea	260.00	\$8,320			
Motion Sensors	2	ea	425.00	\$850			
Home Runs to PD	1	ls	2,000.00	\$2,000			
<b>MISC</b>							
Temporary Light and Power	1	ls	16,500.00	\$16,500			
Disc/Demo/Refeed	1	ls	7,600.00	\$7,600			
Lift Use/Rental	1	ls	2,000.00	\$2,000			
As Built/Coordination Dwgs.	1	ls	4,500.00	\$4,500			
Seismic Engineering	1	ls	4,700.00	\$4,700			
Coordination Study	1	ls	6,800.00	\$6,800			
<b>Division 16 -</b>				<b>\$631,214</b>			
				<b>\$7,501,312</b>			

Parking Garage					
Design Development Budget					
Summary Level					
<b>Summary Date:</b>	November 24, 2008				
<b>Total GSF:</b>	80,000				
<b>Construction Specification Institute Description</b>					
Structure				CSI #	Total Cost
Masonry - NIC				Div 3	\$2,584,640
Misc Metals - NIC				Div 4	\$0
Wood & Plastics - NIC				Div 5	\$0
Thermal & Moisture Protection				Div 6	\$0
Doors and Windows				Div 7	\$50,000
Finishes - NIC				Div 8	\$348,000
Specialties and Equipment				Div 9	\$0
Elevators - NIC				Div 10	\$70,000
				Div 14	\$0
<b>Sub-Total Base Building General Construction</b>					<b>\$3,052,640</b>
Fire Protection				Div 15F	\$30,000
H.V.A.C. - NIC				Div 15H	\$0
Plumbing				Div 15P	\$52,500
Electrical				Div 16	\$840,000
<b>Sub-Total Base Building MEPs</b>					<b>\$922,500</b>
<b>Subcontractor Bonding</b>					<b>\$79,503</b>
<b>Estimated Base Building Construction Trade Costs:</b>					<b>\$4,054,643</b>
<b>STRUCTURE</b>					
spread footings F3.5	3	EA	3,500.00		\$10,500
slab on grade @ garage - 6" thick	40,200	SF	8.50		\$341,700
retaining wall along col. line F	200	CY	450.00		\$90,000
retaining wall footings along col. line F - 9'w	150	CY	450.00		\$67,500
spread footings F5.0	3	EA	5,000.00		\$15,000
spread footings F4.0	1	EA	4,000.00		\$4,000
spread footings F6.0	16	EA	6,000.00		\$96,000
spread footings F7.0	9	EA	7,000.00		\$63,000
spread footings F8.0	6	EA	8,000.00		\$48,000
slab on grade - 6" thick	640	SF	8.50		\$5,440
retaining wall footings along col. line F - 5'w	10	CY	450.00		\$4,500
precast dbl-tee w/2" topping - std	26,500	SF	42.00		\$1,113,000
precast dbl-tee w/2" topping - custom	13,000	SF	52.00		\$676,000
two-way concrete deck - 8" thick	1,000	SF	50.00		\$50,000
<b>Division 03 -</b>					<b>\$2,584,640</b>
<b>MASONRY / STONE</b>					
<b>Division 04 -</b>					<b>\$0</b>
<b>STEEL / MISC METAL</b>					
<b>Division 05 -</b>					<b>\$0</b>
<b>WOOD &amp; PLASTICS</b>					
<b>Division 06 -</b>					<b>\$0</b>
<b>THERMAL /MOIST. PROTECTION</b>					
green roofing - intensive system	2,000	SF	25.00		\$50,000 allowance
<b>Division 07 -</b>					<b>\$50,000</b>
<b>DOORS &amp; WINDOWS</b>					
OHD grilles	3	EA	15,000.00		\$45,000
chain link fence	1	LS	3,000.00		\$3,000
green screen materials - 400 lf @ 25' h	10,000	SF	20.00		\$200,000
green screen installation w/ anchors	10,000	SF	10.00		\$100,000 allowance
<b>Division 08 -</b>					<b>\$348,000</b>

<b>FINISHES</b>					
Division 09 -				<b>\$0</b>	
<b>SPECIALTIES / EQUIPMENT</b>					
security gates	4EA		15,000.00	\$60,000	allowance
card readers	2EA		5,000.00	\$10,000	
Division 10 -				<b>\$70,000</b>	
<b>ELEVATORS / LIFTS</b>					
Division 14-				<b>\$0</b>	
<b>FIRE PROTECTION</b>					
stand pipes	2EA		15,000.00	\$30,000	
Division 15F-				<b>\$30,000</b>	
<b>HVAC</b>					
Division 15H-				<b>\$0</b>	
<b>PLUMBING</b>					
floor drians	15EA		3,500.00	\$52,500	allowance
Division 15P-				<b>\$52,500</b>	
<b>ELECTRICAL</b>					
electrical / security	80,000SF		10.50	\$840,000	allowance
Division 16 -				<b>\$840,000</b>	
				<b>\$3,975,140</b>	

## Hamden PD & Town Hall - Qualifications 11-10-08

### *Allowances (included in estimate):*

- see estimate

### *Exclusions:*

1. Furniture, Fixtures, & Equipment
2. New Dispatch system, or relocation of existing emergency management system
3. Permit Costs
4. Builder's Risk Insurance
5. Dixwell and Whitney Ave's Improvements (from building's line out)
6. Artwork
7. Utility Company fees
8. Moving Costs
9. Escalation Costs
10. Owner's contingency
11. Design Fees
12. Haz-mat abatement
13. Underground tank removals
14. Excavation, and installation of gas piping at site
15. Bus Stop Shed
16. Tiles, stone, and carpet flooring @ PD
17. Inergen or FM200 system
18. Cupola repairs
19. Display Cases
20. Entrance mat @ TH
21. Auditorium special lighting
22. Winter Concrete
23. Spray-On Fireproofing
24. LEED administrative cost
25. Storm windows
26. Storage Shelvings in the following Rooms: Evidence, Found Property, Receiving, File, Storage & Archives