

CONCEPT SUBMISSION COST ESTIMATE  
**Town of Hudson**  
**New Department of Public Works (DPW) Facility**

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**Conceptual Cost Summary**  
**3/8/2023**

CONSTRUCTION COSTS	
GRAND SUBTOTAL	\$17,315,619
OVERHEAD (10%)	\$1,731,562
SUBTOTAL	\$19,047,181
PROFIT (4%)	\$761,887
Building Permit (\$10/1000)	\$190,472
Bond (1.2%)	<u>\$228,566</u>
<b>CONSTRUCTION TOTAL</b>	<b>\$20,228,106</b>
<b>Contingency 6%</b>	<b>\$1,213,686</b>
<b>CONSTRUCTION GRAND TOTAL</b>	<b>\$21,441,792</b>
SOFT COSTS	
A/E Design Fees (7%)	\$1,415,967
OPM Fees (4%)	\$809,124
Geotechnical Fees (estimate)	\$15,000.00
Survey Fee (estimate)	\$20,000.00
Testing Fees during Construction (estimate)	\$55,000.00
IT Equipment	\$100,000.00
Fixture, Furniture & Equipment (budget)	<u>\$120,000.00</u>
<b>GRAND TOTAL SOFT COSTS</b>	<b>\$2,535,092</b>
<b>TOTAL PROJECT COST (construction and soft costs)</b>	<b>\$23,976,884</b>

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			MATE RIALS		LABOR					
ITEM	UNIT	QUAN.	UNIT COST	TOTAL COST	MANHOUR UNIT	TOTAL MANHOURS	WAGE RATE	TOTAL COST	OTHER COST	LINE TOTAL
DIVISION 1 - General										
Supervision/General Conditions	WK	60		\$0	40.00	2400	\$85.00	\$204,000		\$204,000
Project Management	WK	60	\$75.00	\$4,500	24.00	1440	\$100.00	\$144,000		\$148,500
Project Laborer	WK	60	\$0.00	\$0	16.00	960	\$81.31	\$78,058		\$78,058
Insurances - GL/Umbrella/Auto/WC	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$85,000	\$85,000
Insurances - Pollution	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$8,000	\$8,000
Insurances - Builders Risk	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$30,000	\$30,000
Mobilization	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$30,000	\$30,000
Scheduling	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$25,000	\$25,000
Layout - Surveyor	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$20,000	\$20,000
Submittal Preparation	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$12,000	\$12,000
Office Support and Fuel	WK	60	\$0.00	\$0	40.00	2400	\$81.32	\$195,168		\$195,168
Temporary Protections	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$65,000	\$65,000
Temporary Construction Fencing	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$25,000	\$25,000
Temporary Electric	WK	60	\$200.00	\$12,000	0.00	0	\$0.00	\$0		\$12,000
Electric Service	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$30,000	\$30,000
Telephone and Internet	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$5,000	\$5,000
Water for Construction	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$10,000	\$10,000
OPM Trailer and Supplies	WK	60	\$150.00	\$9,000	0.00	0	\$0.00	\$0		\$9,000
Field Office	WK	60	\$250.00	\$15,000	0.00	0	\$0.00	\$0		\$15,000
Sanitary Facilities - Chemical Toilet	WK	60	\$50.00	\$3,000	0.00	0	\$0.00	\$0		\$3,000
Scaffolding, Platforms, Staging, Ch	LS	60	\$250.00	\$15,000	0.00	0	\$0.00	\$0		\$15,000
Dumpsters	EA	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$20,000	\$20,000
Man Lifts	WK	45	\$850.00	\$38,250	0.00	0	\$0.00	\$0		\$38,250
Dumpsters / Trash Removal	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$45,000	\$45,000
Utility Back Charges - General	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$40,000	\$40,000
Closeout / As-built Drawings	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$6,500	\$6,500
Final Cleaning	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$6,000	\$6,000
Subtotal										\$1,180,476
DIVISION 2 - EXISTING CONDITIONS										
Building Demolition	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$150,000	\$150,000
Asphalt Demolition	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$45,000	\$45,000
Building Disposal	LS	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$25,000	\$25,000
Asbestos Abatement	ALW	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$50,000	\$50,000
Asbestos Disposal and Manifest	ALW	1	\$0.00	\$0	0.00	0	\$0.00	\$0	\$35,000	\$35,000
Miscellaneous	LS	1	\$5,000.00	\$5,000	120.00	120	\$96.30	\$11,556		\$16,556
Subtotal										\$321,556
DIVISION 3 - Concrete										
Mobilization	LS	1	\$0.00	\$0	0.00	0	\$96.30	\$0	\$30,000	\$30,000
Column Footings	EA	60	\$1,050.00	\$63,000	16.00	960	\$125.00	\$120,000		\$183,000
Foundation Footings (1500 LF)	CY	250	\$185.00	\$46,250	1.50	375	\$125.00	\$46,875		\$93,125
Foundation Walls (1500 LF)	CY	400	\$185.00	\$74,000	1.50	600	\$125.00	\$75,000		\$149,000
Wash Bay Pit	CY	5	\$185.00	\$925	8.00	40	\$125.00	\$5,000		\$5,925
Slab on Grade (41,000 SF)	CY	1500	\$185.00	\$277,500	2.00	3000	\$125.00	\$375,000		\$652,500
Slab on Deck (2700 SF)	CY	25	\$185.00	\$4,625	2.00	50	\$125.00	\$6,250		\$10,875
Equipment Pads	CY	3	\$185.00	\$555	16.00	48	\$125.00	\$6,000		\$6,555
Fuel Island Pad	CY	45	\$185.00	\$8,325	6.00	270	\$125.00	\$33,750		\$42,075
Bollard Bases (30 typ)	CY	45	\$185.00	\$8,325	2.00	90	\$125.00	\$11,250		\$19,575
Flag Pole Base	CY	3	\$185.00	\$555	6.00	18	\$125.00	\$2,250		\$2,805
Transformer Pad	CY	3	\$185.00	\$555	4.00	12	\$125.00	\$1,500		\$2,055
Generator Pad	CY	4	\$185.00	\$740	8.00	32	\$125.00	\$4,000		\$4,740
Aprons (2500 SF)	CY	100	\$185.00	\$18,500	4.00	400	\$125.00	\$50,000		\$68,500
Sidewalks	CY	30	\$185.00	\$5,550	4.00	120	\$125.00	\$15,000		\$20,550
Utility Duct Banks	CY	200	\$185.00	\$37,000	0.50	100	\$125.00	\$12,500		\$49,500
Reinforcement and Wire	TON	30	\$3,800.00	\$114,000	8.00	240	\$125.00	\$30,000		\$144,000
Miscellaneous	LS	1	\$5,000.00	\$5,000	120.00	120	\$125.00	\$15,000		\$20,000
Subtotal										\$1,504,780
DIVISION 4 - Masonry (FSB)										
Mobilization	LS	1	\$0.00	\$0	0.00	0	\$125.00	\$0	\$25,000	\$25,000
Submittal Preparation	LS	1	\$0.00	\$0	0.00	0	\$125.00	\$0	\$4,500	\$4,500
Masonry Mock-up	LS	1	\$500.00	\$500	0.00	16	\$125.00	\$2,000		\$2,500
Masonry Accessories	LS	1	\$0.00	\$0	0.00	0	\$125.00	\$0	\$40,000	\$40,000
CMU Walls - Interior	SF	7600	\$8.75	\$66,500	0.20	1520	\$125.00	\$190,000		\$256,500
Veneer - Masonry	SF	12000	\$7.75	\$93,000	0.20	2400	\$125.00	\$300,000		\$393,000
Miscellaneous	LS	1	\$4,000.00	\$4,000	48.00	48	\$125.00	\$6,000		\$10,000
Subtotal										\$731,500
DIVISION 5 - Metals										
Project Management	LS	1	\$0.00	\$0	0.00	0	\$120.88	\$0	\$18,000	\$18,000
Shop Drawings and Submittals	LS	1	\$0.00	\$0	0.00	0	\$120.88	\$0	\$8,500	\$8,500
Mobilization / Demobilization	LS	1	\$0.00	\$0	0.00	0	\$120.88	\$0	\$6,500	\$6,500
Insurances	LS	1	\$0.00	\$0	0.00	0	\$120.88	\$0	\$8,500	\$8,500
Site Supervision	LS	1	\$0.00	\$0	60.00	60	\$100.88	\$6,053		\$6,053
Equipment Rental	LS	1	\$0.00	\$0	0.00	0	\$100.88	\$0	\$6,000	\$6,000
Bollards	EA	24	\$550.00	\$13,200	8.00	192	\$120.88	\$23,209		\$36,409
Bollards - Covers	EA	24	\$150.00	\$3,600	1.00	24	\$120.88	\$2,901		\$6,501
Overhead Door Angles	EA	9	\$1,250.00	\$11,250	8.00	72	\$120.88	\$8,703		\$19,953
Mezzanine Pivot Gate	EA	1	\$1,600.00	\$1,600	8.00	8	\$120.88	\$967		\$2,567
Roof Ladders	EA	1	\$3,500.00	\$3,500	8.00	8	\$120.88	\$967		\$4,467
Mezzanine Rails and Guards	LF	50	\$175.00	\$8,750	1.00	50	\$120.88	\$6,044		\$14,794
Mezzanine Stairs	EA	1	\$25,000.00	\$25,000	120.00	120	\$120.88	\$14,506		\$39,506
Wash Bay Platforms	EA	2	\$15,550.00	\$31,100	80.00	160	\$120.88	\$19,341		\$50,441
Grates	LS	1	\$7,500.00	\$7,500	48.00	48	\$120.88	\$5,802		\$13,302
Exterior - Cold Formed Framing	LS	1	\$16,500.00	\$16,500	96.00	96	\$120.88	\$11,604		\$28,104
Interior - Cold Formed Framing	LS	1	\$85,000.00	\$85,000	625.00	625	\$120.88	\$75,550		\$160,550
Knee Wall Bracing	LS	1	\$15,000.00	\$15,000	80.00	80	\$120.88	\$9,670		\$24,670
Miscellaneous Metal	LS	1	\$15,000.00	\$15,000	80.00	80	\$120.88	\$9,670		\$24,670
Subtotal										\$479,488

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ITEM	UNIT	QUAN.	UNIT COST	TOTAL COST	MANHOUR UNIT	TOTAL MANHOURS	WAGE RATE	TOTAL COST	OTHER COST	LINE TOTAL
DIVISION 6 - Wood and Plastic										
Window Blocking	LF	5000	\$1.00	\$5,000	0.03	150	\$98.21	\$14,732		\$19,732
Wall Blocking	LF	2500	\$2.50	\$6,250	0.04	100	\$98.21	\$9,821		\$16,071
Dens Glass Sheathing	SF	1272	\$0.85	\$1,081	0.05	64	\$98.21	\$6,246		\$7,327
Millwork - Base and Wall Cabinets	LF	60	\$375.00	\$22,500	4.00	240	\$98.21	\$23,570		\$46,070
Millwork - Reception Desk	LS	1	\$4,500.00	\$4,500	12.00	12	\$98.21	\$1,179		\$5,679
Solid Surface Counters	LF	60	\$75.00	\$4,500	1.00	60	\$98.21	\$5,893		\$10,393
Miscellaneous - blocking, etc.	LS	1	\$3,500.00	\$3,500	40.00	40	\$98.21	\$3,928		\$7,428
									Subtotal	\$112,700
DIVISION 7 - Thermal/Moisture										
Under slab Vapor Barrier	SF	42000	\$0.55	\$23,100	0.00	21	\$81.32	\$1,708		\$24,808
Dampproofing	LS	1	\$5,500.00	\$5,500	40.00	40	\$81.32	\$3,253		\$8,753
Perimeter and Under Slab Insulation	SF	48000	\$1.75	\$84,000	0.02	720	\$81.32	\$58,550		\$142,550
Cavity Insulation	SF	10000	\$1.65	\$16,500	0.03	300	\$81.32	\$24,396		\$40,896
Thru-wall Flashing	LF	5000	\$4.35	\$21,750	0.10	500	\$81.32	\$40,660		\$62,410
Roof - Submittals	LS	1	\$0.00	\$0	0.00	0	\$120.10	\$0	\$4,500	\$4,500
Roof - Insulation	SF	42000	\$1.50	\$63,000	0.02	840	\$120.10	\$100,884		\$163,884
Roof - Blocking	LF	4000	\$2.50	\$10,000	0.04	160	\$120.10	\$19,216		\$29,216
Roof - Coverboard	SF	42000	\$1.00	\$42,000	0.01	420	\$120.10	\$50,442		\$92,442
Roof - EPDM 60 Mil	SF	42000	\$5.00	\$210,000	0.02	840	\$120.10	\$100,884		\$310,884
Roof - Vapor Barrier	SF	42000	\$0.50	\$21,000	0.01	210	\$120.10	\$25,221		\$46,221
Roof - Walk Pads	LS	1	\$6,000.00	\$6,000	24.00	24	\$120.10	\$2,882		\$8,882
Roof - Hatch	EA	2	\$3,500.00	\$7,000	16.00	32	\$120.10	\$3,843		\$10,843
Roof - Edge Metal	LF	1750	\$15.00	\$26,250	0.20	350	\$120.10	\$42,035		\$68,285
Firestopping	LS	1	\$5,500.00	\$5,500	80.00	80	\$81.32	\$6,506		\$12,006
Sealant and Caulk	LS	1	\$4,000.00	\$4,000	120.00	120	\$113.27	\$13,592		\$17,592
									Subtotal	\$1,044,173
DIVISION 8 - Doors/Windows										
Exterior Door - FRP	EA	10	\$3,850.00	\$38,500	12.00	120	\$98.21	\$11,785		\$50,285
Reception Window	LS	1	\$3,200.00	\$3,200	8.00	8	\$98.21	\$786		\$3,986
Interior Metal Doors	EA	19	\$365.00	\$6,935	2.00	38	\$98.21	\$3,732		\$10,667
Interior Wood Doors	EA	17	\$395.00	\$6,715	2.00	34	\$98.21	\$3,339		\$10,054
Storefront - Doors / Lites	EA	10	\$6,500.00	\$65,000	16.00	160	\$98.21	\$15,714		\$80,714
Vision Panels	EA	30	\$125.00	\$3,750	1.00	30	\$98.21	\$2,946		\$6,696
Metal Frames	EA	30	\$275.00	\$8,250	2.00	60	\$98.21	\$5,893		\$14,143
Metal Windows - Garage Repair	SF	3100	\$75.00	\$232,500	0.30	930	\$113.27	\$105,341		\$337,841
Metal Windows - Garage Storage	SF	1350	\$75.00	\$101,250	0.30	405	\$113.27	\$45,874		\$147,124
Metal Windows - Office	SF	1000	\$85.00	\$85,000	0.40	400	\$113.27	\$45,308		\$130,308
Overhead Doors w/ Motors	EA	9	\$11,750.00	\$105,750	24.00	216	\$112.94	\$24,395		\$130,145
Finish Hardware	EA	42	\$555.00	\$23,310	6.00	252	\$98.21	\$24,749		\$48,059
									Subtotal	\$970,022

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ITEM	UNIT	QUAN.	UNIT COST	TOTAL COST	MANHOUR UNIT	TOTAL MANHOURS	WAGE RATE	TOTAL COST	OTHER COST	LINE TOTAL
DIVISION 9 - Finishes										
Submittals - Drywall and Framing	LS	1	\$0.00	\$0	0.00	0	\$113.27	\$0	\$3,500	\$3,500
GWB / Framing - walls interior	SF	12000	\$10.85	\$130,200	0.10	1200	\$113.27	\$135,924		\$266,124
GWB / Framing - ceiling	SF	200	\$7.85	\$1,570	0.10	20	\$113.27	\$2,265		\$3,835
Acoustical Insulation	SF	2500	\$1.15	\$2,875	0.03	75	\$81.32	\$6,099		\$8,974
Ceramic Tile	SF	3500	\$10.55	\$36,925	0.20	700	\$117.76	\$82,432		\$119,357
Epoxy Floors	SF	5500	\$9.50	\$52,250	0.03	165	\$116.44	\$19,213		\$71,463
Resilient Floor	SF	1200	\$2.75	\$3,300	0.03	30	\$116.44	\$3,493		\$6,793
Carpet	SF	5000	\$3.55	\$17,750	0.02	100	\$116.44	\$11,644		\$29,393
Acoustical Ceiling	SF	7500	\$4.75	\$35,625	0.03	188	\$116.44	\$21,833		\$57,458
Painting - Gyp. Walls and Ceilings	SF	8200	\$1.65	\$13,530	0.04	328	\$110.26	\$36,165		\$49,695
Painting - Steel Structure	LS	1	\$11,500.00	\$11,500	320.00	400	\$110.26	\$44,104		\$55,604
Painting - CMU (8000 SF)	SF	8000	\$1.65	\$13,200	0.04	320	\$110.26	\$35,283		\$48,483
Painting - Doors, Wdw. & Frames	EA	30	\$6.00	\$180	2.00	60	\$110.26	\$6,616		\$6,796
Painting - Exterior	LS	1	\$500.00	\$500	16.00	16	\$110.26	\$1,764		\$2,264
Miscellaneous	LS	1	\$1,000.00	\$1,000	40.00	40	\$81.32	\$3,253		\$4,253
Subtotal										\$733,993
DIVISION 10 - Specialties										
Louvers	EA	10	\$600.00	\$6,000	6.00	60	\$112.94	\$6,776		\$12,776
Range Hood	EA	1	\$275.00	\$275	2.00	2	\$98.21	\$196		\$471
Stove - Cooktop	EA	1	\$575.00	\$575	3.00	3	\$98.21	\$295		\$870
Wall Oven	EA	1	\$785.00	\$785	3.00	3	\$98.21	\$295		\$1,080
Refrigerator	EA	2	\$1,350.00	\$2,700	2.00	4	\$98.21	\$393		\$3,093
Washer / Dryer	EA	1	\$2,650.00	\$2,650	4.00	4	\$98.21	\$393		\$3,043
Lockers 24x24	EA	54	\$1,695.00	\$91,530	1.50	81	\$112.94	\$9,148		\$100,678
Flag Pole	EA	1	\$2,200.00	\$2,200	12.00	12	\$112.94	\$1,355		\$3,555
HP Signage	EA	40	\$65.00	\$2,600	0.80	32	\$112.94	\$3,614		\$6,214
Fire Extinguisher	EA	10	\$250.00	\$2,500	1.00	10	\$98.21	\$982		\$3,482
Toilet Partitions	SF	9	\$3.50	\$32	4.00	36	\$112.94	\$4,066		\$4,097
Bathroom Accessories	EA	16	\$350.00	\$5,600	4.00	64	\$98.21	\$6,285		\$11,885
Wire Mesh Partition	SF	1400	\$6.75	\$9,450	0.04	60	\$98.21	\$5,912		\$15,362
Building Accessories	LS	1	\$6,500.00	\$6,500	16.00	16	\$98.21	\$1,571		\$8,071
Equipment - 3 Post Inground Lift	LS	1	\$45,000.00	\$45,000	100.00	100	\$112.94	\$11,294		\$56,294
Equipment - 4 Post Lift	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - 2 Post Lift	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Mobile Lifts	EA	0	\$4,500.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - End Lift Jack	EA	0	\$675.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Rolling Jack	EA	0	\$455.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - A/C Recovery Machine	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Battery/Tester Charge	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Oil Filter Crusher	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Oil Drain Container	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Parts Washer	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Piper Bender	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Plasma Cutter and Lat	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Air Compressor	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Sand Blasting Cabinet	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Tire Balancer	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Tire Changer	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Buffer/Grinder	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - 20 Ton Press	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Work Bench	EA	0	\$650.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Tool Cart	EA	0	\$4,800.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Welding Hood	LS	1	\$8,000.00	\$8,000	48.00	48	\$119.92	\$5,756		\$13,756
Equipment - Fluid Pumping System	EA	1	\$25,000.00	\$25,000	40.00	40	\$117.24	\$4,690		\$29,690
Equipment - Fluid Reels	EA	8	\$350.00	\$2,800	2.00	16	\$117.24	\$1,876		\$4,676
Equipment - Power Washer	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0		\$0
Equipment - Welding Curtin	LS	1	\$3,000.00	\$3,000	24.00	24	\$98.21	\$2,357		\$5,357
Storage - Flammable Cabinet	EA	0	\$1,200.00	\$0	1.50	0	\$98.21	\$0		\$0
Storage - Paint Cabinet	EA	0	\$800.00	\$0	1.50	0	\$98.21	\$0		\$0
Storage - General Cabinet	EA	0	\$1,200.00	\$0	1.00	0	\$98.21	\$0		\$0
Storage - Pallet Racks	EA	0	\$950.00	\$0	2.00	0	\$98.21	\$0		\$0
Storage - Parts Bins	EA	0	\$1,100.00	\$0	1.00	0	\$98.21	\$0		\$0
Storage - 24x48 Open Shelving	EA	0	\$550.00	\$0	1.00	0	\$98.21	\$0		\$0
Fuel Island	LS	0	\$0.00	\$0	0.00	0	\$0.00	\$0	\$400,000	\$400,000
Miscellaneous	LS	1	\$1,500.00	\$1,500	80.00	80	\$98.21	\$7,857		\$9,357
Subtotal										\$693,808

CONCEPT SUBMISSION COST ESTIMATE  
**Town of Hudson**  
**New Department of Public Works (DPW) Facility**

ITEM	UNIT	QUAN.	MATERIALS		LABOR				OTHER COST	LINE TOTAL
			UNIT COST	TOTAL COST	MANHOUR UNIT	TOTAL MANHOURS	WAGE RATE	TOTAL COST		

**DIVISION 11 to 12 - NOT USED**  
NOT USED

**DIVISION 13 - Pre-Engineered Building**

Shop Drawings	LS	0	\$0.00	\$0	0.00	0	\$120.88	\$0	\$25,000	\$25,000
Base Plate/Anchor Bolts	LS	1	\$45,000.00	\$45,000	540.00	540	\$120.88	\$65,275		\$110,275
Building Structure - Structural Steel	LS	1	\$1,975,000.00	#####	7600.00	7600	\$120.88	\$918,688		\$2,893,688
Building Structure - Insulated Panel	LS	1	\$255,000.00	\$255,000	2000.00	2000	\$120.88	\$241,760		\$496,760
Building Structure - Thrust Ties	LS	1	\$45,000.00	\$45,000	640.00	640	\$120.88	\$77,363		\$122,363
Building Structure - Mezzanine	LS	1	\$20,000.00	\$20,000	120.00	120	\$120.88	\$14,506		\$34,506
Miscellaneous Metal	LS	1	\$2,500.00	\$2,500	40.00	40	\$120.88	\$4,835		\$7,335
Subtotal										\$3,689,927

**DIVISION 14 - Conveying Equipment**  
NOT USED

**DIVISION 21 - Fire Protection**

Coordination Drawings and Tests	LS	1	\$0.00	\$0	0.00	0	\$110.26	\$0	\$30,000	\$30,000
Sprinkler - Materials	LS	1	\$0.00	\$0	0.00	0	\$110.26	\$0	\$95,000	\$95,000
Sprinkler - Labor	LS	1	\$0.00	\$0	1200.00	1200	\$110.26	\$132,312		\$132,312
Subtotal										\$257,312

**DIVISION 22 - Plumbing**

Submittals and General Conditions	LS	1	\$0.00	\$0	0.00	0	\$114.00	\$0	\$85,000	\$85,000
Kitchen Sink and Faucet	EA	2	\$365.00	\$730	4.00	8	\$114.00	\$912		\$1,642
Kitchen Sink Rough-in	EA	2	\$75.00	\$150	8.00	16	\$114.00	\$1,824		\$1,974
Lavatory and Faucet	EA	8	\$495.00	\$3,960	4.00	32	\$114.00	\$3,648		\$7,608
Lavatory Rough-in	EA	8	\$150.00	\$1,200	8.00	64	\$114.00	\$7,296		\$8,496
Water Closet	EA	9	\$495.00	\$4,455	4.00	36	\$114.00	\$4,104		\$8,559
Water Closet Rough-In	EA	9	\$1,200.00	\$10,800	16.00	144	\$114.00	\$16,416		\$27,216
Urinal	EA	4	\$295.00	\$1,180	4.00	16	\$114.00	\$1,824		\$3,004
Urinal Rough-In	EA	4	\$150.00	\$600	12.00	48	\$114.00	\$5,472		\$6,072
Garage Slop Sink	EA	1	\$7,500.00	\$7,500	8.00	8	\$114.00	\$912		\$8,412
Garage Slop Sink Rough-In	EA	1	\$350.00	\$350	16.00	16	\$114.00	\$1,824		\$2,174
Janitors Sink	EA	1	\$250.00	\$250	4.00	4	\$114.00	\$456		\$706
Janitors Sink Rough-In	EA	1	\$150.00	\$150	12.00	12	\$114.00	\$1,368		\$1,518
Hose Bibs	EA	8	\$295.00	\$2,360	4.00	32	\$114.00	\$3,648		\$6,008
Water Fountain	EA	1	\$750.00	\$750	16.00	16	\$114.00	\$1,824		\$2,574
Floor Drains	EA	10	\$150.00	\$1,500	8.00	80	\$114.00	\$9,120		\$10,620
Trench Drain	LF	150	\$85.00	\$12,750	0.80	120	\$114.00	\$13,680		\$26,430
Type "L" Copper & Insulation.	LF	3000	\$15.00	\$45,000	0.50	1500	\$114.00	\$171,000		\$216,000
2" Waste Pipe	LF	850	\$4.45	\$3,783	0.50	425	\$114.00	\$48,450		\$52,233
4" Cast Iron	LF	1000	\$9.00	\$9,000	0.60	600	\$114.00	\$68,400		\$77,400
Ball Valve	EA	40	\$6.50	\$260	0.50	20	\$114.00	\$2,280		\$2,540
Emergency Eye Wash	EA	1	\$2,500.00	\$2,500	16.00	16	\$114.00	\$1,824		\$4,324
Water Heater	EA	1	\$5,500.00	\$5,500	24.00	24	\$114.00	\$2,736		\$8,236
Domestic Water Service	EA	1	\$0.00	\$0	0.00	0	\$114.00	\$0	\$1,500	\$1,500
Black Iron Piping	LF	300	\$8.25	\$2,475	0.40	120	\$114.00	\$13,680		\$16,155
Shock Absorbers at Hook-ups	EA	4	\$16.00	\$64	1.00	4	\$114.00	\$456		\$520
Air Compressor Piping	LS	1	\$7,500.00	\$7,500	80.00	80	\$114.00	\$9,120		\$16,620
Vehicle Piping System	LS	1	\$8,000.00	\$8,000	80.00	80	\$114.00	\$9,120		\$17,120
Expansion Tank	LS	1	\$0.00	\$0	0.00	0	\$114.00	\$0	\$4,000	\$4,000
Indirect Water Heater	LS	1	\$6,500.00	\$6,500	24.00	24	\$114.00	\$2,736		\$9,236
Pipe Insulation	LS	1	\$5,500.00	\$5,500	60.00	60	\$114.00	\$6,840		\$12,340
Miscellaneous	LS	1	\$3,500.00	\$3,500	40.00	40	\$114.00	\$4,560		\$8,060
Subtotal										\$654,297

CONCEPT SUBMISSION COST ESTIMATE  
**Town of Hudson**  
**New Department of Public Works (DPW) Facility**

			MATE RIALS		LABOR					
ITEM	UNIT	QUAN.	UNIT COST	TOTAL COST	MANHOUR/UNIT	TOTAL MANHOURS	WAGE RATE	TOTAL COST	OTHER COST	LINE TOTAL
DIVISION 23 - Mechanical										
Coordination Drawings	LS	1	\$0.00	\$0	0.00	0	\$110.00	\$0	\$16,000	\$16,000
Submittals - HVAC	LS	1	\$0.00	\$0	0.00	0	\$110.00	\$0	\$3,500	\$3,500
Submittals - ATC	LS	1	\$0.00	\$0	0.00	0	\$110.00	\$0	\$6,500	\$6,500
Mobilization	LS	1	\$0.00	\$0	0.00	0	\$110.00	\$0	\$8,500	\$8,500
Duct Work	LS	1	\$85,000.00	\$85,000	1440.00	1440	\$110.00	\$158,400		\$243,400
Sleeving ad Fire Stopping	LS	1	\$3,500.00	\$3,500	40.00	40	\$110.00	\$4,400		\$7,900
Exhaust Fans	LS	1	\$35,000.00	\$35,000	80.00	80	\$110.00	\$8,800		\$43,800
ERV System	LS	1	\$95,000.00	\$95,000	80.00	80	\$110.00	\$8,800		\$103,800
Chiller	LS	1	\$80,000.00	\$80,000	64.00	64	\$110.00	\$7,040		\$87,040
Heat Exchangers	LS	0	\$7,500.00	\$0	24.00	0	\$110.00	\$0		\$0
VRF Condenser and Units	LS	1	\$65,000.00	\$65,000	160.00	160	\$110.00	\$17,600		\$82,600
Baseboard Heat	LS	1	\$25,000.00	\$25,000	160.00	160	\$110.00	\$17,600		\$42,600
Water Heater	LS	1	\$10,000.00	\$10,000	80.00	80	\$110.00	\$8,800		\$18,800
Unit Heaters	LS	8	\$3,500.00	\$28,000	16.00	128	\$110.00	\$14,080		\$42,080
Split Systems	LS	2	\$4,500.00	\$9,000	40.00	80	\$110.00	\$8,800		\$17,800
Motorized Dampers	LS	6	\$750.00	\$4,500	4.00	24	\$110.00	\$2,640		\$7,140
Piping	LS	1	\$50,000.00	\$50,000	300.00	300	\$110.00	\$33,000		\$83,000
Insulation	LS	1	\$20,000.00	\$20,000	240.00	240	\$110.00	\$26,400		\$46,400
RGDs	LS	1	\$7,500.00	\$7,500	80.00	80	\$110.00	\$8,800		\$16,300
Controls	LS	1	\$55,000.00	\$55,000	560.00	560	\$110.00	\$61,600		\$116,600
Gas Detection System (CO, NO)	LS	1	\$0.00	\$0	0.00	0	\$110.00	\$0	\$25,000	\$25,000
Balancing	LS	1	\$0.00	\$0	0.00	0	\$110.00	\$0	\$15,000	\$15,000
Miscellaneous	LS	1	\$5,500.00	\$5,500	80.00	80	\$110.00	\$8,800		\$14,300
Subtotal										\$1,048,060
DIVISION 26 - Electrical										
Service - Building	LS	1	\$30,000.00	\$30,000	120.00	120	\$112.00	\$13,440		\$43,440
Generator Connection	LS	1	\$325,000.00	\$325,000	240.00	240	\$112.00	\$26,880		\$351,880
Generator Storm Switch	LS	1	\$15,000.00	\$15,000	32.00	32	\$112.00	\$3,584		\$18,584
Switch Gear Equipment	LS	1	\$120,000.00	\$120,000	400.00	400	\$112.00	\$44,800		\$164,800
Underground Conduit	LS	1	\$62,000.00	\$62,000	32.00	800	\$112.00	\$89,600		\$151,600
Generator Storm Switch	LS	0	\$15,000.00	\$0	32.00	0	\$112.00	\$0		\$0
Connections to Mechanical	LS	1	\$15,000.00	\$15,000	160.00	160	\$112.00	\$17,920		\$32,920
Fire Alarm System	LS	1	\$25,000.00	\$25,000	200.00	200	\$112.00	\$22,400		\$47,400
Interior Light Fixtures	EA	160	\$400.00	\$64,000	8.00	1280	\$112.00	\$143,360		\$207,360
Interior Linear Lights	LF	20	\$120.00	\$2,400	1.00	20	\$112.00	\$2,240		\$4,640
Exterior Light Fixtures	EA	20	\$550.00	\$11,000	16.00	320	\$112.00	\$35,840		\$46,840
Light Poles	EA	10	\$2,500.00	\$25,000	12.00	120	\$112.00	\$13,440		\$38,440
Receptacles	EA	175	\$125.00	\$21,875	6.00	1050	\$112.00	\$117,600		\$139,475
Tele/Data Jacks and Cable	EA	50	\$125.00	\$6,250	4.00	200	\$112.00	\$22,400		\$28,650
Tele/Data Equipment	LS	1	\$0.00	\$0	0.00	0	\$112.00	\$0	\$40,000	\$40,000
Testing	LS	1	\$0.00	\$0	80.00	80	\$112.00	\$8,960		\$8,960
Bi-directional Amplification System	LS	1	\$0.00	\$0	0.00	0	\$112.00	\$0	\$50,000	\$50,000
Security System	LS	1	\$0.00	\$0	0.00	0	\$112.00	\$0	\$55,000	\$55,000
Utility Back Charges	LS	1	\$0.00	\$0	0.00	0	\$112.00	\$0	\$50,000	\$50,000
Commissioning	LS	1	\$0.00	\$0	100.00	100	\$112.00	\$11,200		\$11,200
Subtotal										\$1,491,189

CONCEPT SUBMISSION COST ESTIMATE  
**Town of Hudson**  
**New Department of Public Works (DPW) Facility**

			MATE RIALS		LABOR					
ITEM	UNIT	QUAN.	UNIT COST	TOTAL COST	MANHOUR UNIT	TOTAL MANHOURS	WAGE RATE	TOTAL COST	OTHER COST	LINE TOTAL
DIVISION 31 - Earth Works										
Hay Bale/Silt Fence	LF	2000	\$2.50	\$5,000	0.05	100	\$81.32	\$8,132		\$13,132
Erosion Controls	LS	1	\$0.00	\$0	0.00	0	\$81.32	\$0	\$30,000	\$30,000
Clearing and Grubbing	LS	1	\$0.00	\$0	0.00	0	\$123.80	\$0	\$25,000	\$25,000
Excavation - Earthwork Cut/Fill	CY	10000	\$35.00	\$350,000	0.00	0	\$123.80	\$0		\$350,000
Excavation - Earthwork Fill	CY	11000	\$35.00	\$385,000	0.00	0	\$123.80	\$0		\$385,000
Excavation - Building	CY	850	\$0.00	\$0	0.05	43	\$123.80	\$5,262	\$5,000	\$10,262
Catch Basin	EA	10	\$1,500.00	\$15,000	24.00	240	\$93.52	\$22,445	\$2,500	\$39,945
Manhole	EA	10	\$3,500.00	\$35,000	40.00	400	\$93.52	\$37,408	\$2,500	\$74,908
Gas and Sand Interceptor	EA	1	\$10,000.00	\$10,000	48.00	48	\$123.80	\$5,942		\$15,942
Fire Hydrant	EA	4	\$3,500.00	\$14,000	40.00	160	\$93.52	\$14,963		\$28,963
Subsurface Drainage System	SF	1800	\$25.00	\$45,000	0.10	180	\$93.52	\$16,834		\$61,834
Water Quality Treatment Unit	EA	4	\$10,000.00	\$40,000	120.00	480	\$123.80	\$59,424		\$99,424
Pavement Subbase	TON	500	\$55.00	\$27,500	1.50	750	\$123.80	\$92,850	\$15,000	\$135,350
Sanitary Pump Chamber	EA	1	\$45,000.00	\$45,000	200.00	200	\$123.80	\$24,760		\$69,760
Pump Station Valve Pit	EA	1	\$15,000.00	\$15,000	40.00	40	\$123.80	\$4,952		\$19,952
Sanitary Sewer Pipe - Building	LF	400	\$50.00	\$20,000	0.40	160	\$93.52	\$14,963		\$34,963
Sanitary Sewer Pipe - Street	LF	700	\$50.00	\$35,000	0.40	280	\$93.52	\$26,186		\$61,186
Water Pipe and Loop	LF	1400	\$45.00	\$63,000	0.75	1050	\$93.52	\$98,196		\$161,196
Water Pipe and Tap - Street	LF	700	\$45.00	\$31,500	0.75	525	\$93.52	\$49,098	\$20,000	\$100,598
Water Pipe - Testing / Chlorination	LS	1	\$0.00	\$0	0.00	0	\$93.52	\$0	\$6,500	\$6,500
Polyvinyl Chloride Building Drain	LF	500	\$12.00	\$6,000	0.30	150	\$93.52	\$14,028		\$20,028
4" Asphalt Pavement (80000 SF)	TON	2250	\$160.00	\$360,000	0.00	0	\$93.52	\$0		\$360,000
Granite Curbing	LF	1000	\$25.00	\$25,000	0.25	250	\$93.52	\$23,380		\$48,380
Bituminous Curbing	LF	1000	\$5.00	\$5,000	0.00	0	\$93.52	\$0		\$5,000
Sidewalks/Pads - Concrete	CY	65	\$165.00	\$10,725	4.00	260	\$93.52	\$24,315		\$35,040
Retaining Walls	LF	130	\$165.00	\$21,450	0.00	0	\$93.52	\$0		\$21,450
Landscaping - Loam and Seed	SF	40000	\$0.50	\$20,000	0.00	80	\$93.52	\$7,482		\$27,482
Landscaping - Trees and Shrubs	EA	20	\$400.00	\$8,000	4.00	80	\$93.52	\$7,482		\$15,482
H.P. Assessable Curb Cut	EA	2	\$250.00	\$500	16.00	32	\$93.52	\$2,993		\$3,493
Chain Link Fencing & Gate	LF	2000	\$35.00	\$70,000	0.12	240	\$93.52	\$22,445	\$10,000	\$102,445
Stockade Fencing	LF	275	\$65.00	\$17,875	0.12	33	\$93.52	\$3,086		\$20,961
Wood Guard Rail	LF	150	\$30.00	\$4,500	0.12	18	\$93.52	\$1,683		\$6,183
Miscellaneous (signs, flag, etc.)	LS	1	\$5,000.00	\$5,000	80.00	80	\$93.52	\$7,482		\$12,482
									Subtotal	\$2,402,339

GRAND SUBTOTAL	\$17,315,619
OVERHEAD (10%)	\$1,731,562
SUBTOTAL	\$19,047,181
PROFIT (4%)	\$761,887
Building Permit (\$10/1000)	\$190,472
Bond (1.2%)	\$228,566
<b>CONSTRUCTION TOTAL</b>	<b>\$20,228,106</b>
<b>Contingency 6%</b>	<b>\$1,213,686</b>
<b>CONSTRUCTION GRAND TOTAL</b>	<b>\$21,441,792</b>

CONCEPT SUBMISSION COST ESTIMATE  
**Town of Hudson**  
**New Department of Public Works (DPW) Facility**

**Evaluation:**

<i>Square Footage</i>	
Main Building - 1st Floor	41000
Mezzanine	2500
	43500 SF

Estimate: \$20,228,106 \$465.01 per SF

DIVISION 1 - General	\$1,180,476	7%
DIVISION 2 - NOT USED	\$321,556	2%
DIVISION 3 - Concrete	\$1,504,780	9%
DIVISION 4 - Masonry	\$731,500	4%
DIVISION 5 - Metals	\$479,488	3%
DIVISION 6 - Wood and Plastic	\$112,700	1%
DIVISION 7 - Thermal/Moisture	\$1,044,173	6%
DIVISION 8 - Doors/Windows	\$970,022	6%
DIVISION 9 - Finishes	\$733,993	4%
DIVISION 10 - Specialties	\$693,808	4%
DIVISION 11 to 12 - NOT USED	\$0	0%
DIVISION 13 - Pre-Engineered Building	\$3,689,927	21%
DIVISION 14 - Conveying Equipment	\$0	0%
DIVISION 21 - Fire Protection	\$257,312	1%
DIVISION 22 - Plumbing	\$654,297	4%
DIVISION 23 - Mechanical	\$1,048,060	6%
DIVISION 26 - Electrical	\$1,491,189	9%
DIVISION 31 - Earth Works	\$2,402,339	14%

GRAND SUBTOTAL \$17,315,619 100%

OVERHEAD (10%) \$1,731,562

SUBTOTAL \$19,047,181

PROFIT (4%) \$761,887

Building Permit (\$10/1000) \$190,472

Bond (1.2%) \$228,566

**CONSTRUCTION TOTAL \$20,228,106**

**Filed Sub-bids**

Masonry	\$731,500
Miscellaneous Metals	\$190,240
Metal Windows	\$615,273
Roofing	\$735,158
Ceramic Tile	\$119,357
Acoustical Ceilings	\$57,458
Painting	\$162,842
Fire Protection	\$257,312
Plumbing	\$654,297
HVAC	\$1,048,060
Electrical	\$1,491,189
	<b>\$6,062,685</b>