



Providence Water Supply Board
New Campus Budget
Six Buildings Plus Sitework

5/15/2013

Estimator tfx



**Providence Water Supply Board
New Campus Budget
Six Buildings Plus Sitework**

5/15/2013

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
1 Admin Bldg						
	1000.000		GENERAL REQUIREMENTS			
		1000.103	PROJECT SUPERVISION			
			Project Executive 1 day a week	54.00 wk	1,128.00 /wk	60,912
			Project Manager	54.00 wk	3,584.00 /wk	193,536
			Project Engineer	54.00 wk	2,400.00 /wk	129,600
			Purchasing Agent	6.00 wk	3,580.00 /wk	21,360
			Purchasing Secretary Half time	6.00 wk	560.00 /wk	3,360
			Safety Officer 1 day a week	54.00 wk	548.00 /wk	29,592
			Administrative Assistant (on-site)	54.00 wk	1,400.00 /wk	75,600
			Project Superintendent	54.00 wk	3,280.00 /wk	177,120
			Cost Control Management 2 days a week	54.00 wk	736.00 /wk	39,744
			PROJECT SUPERVISION			730,824
		1000.107	MISC GENERAL EXPENSES			
			Small Tools	12.00 mnth	275.00 /mnth	3,300
			Expendable Tools	12.00 mnth	125.00 /mnth	1,500
			Consumable Supplies	12.00 mnth	200.00 /mnth	2,400
			Water, Ice and Cups	12.00 mnth	200.00 /mnth	2,400
			MISC GENERAL EXPENSES		/mnt	9,600
					h	
		1000.202	PRECONSTRUCTION SERVICES			
			Project Executive	70.00 mh	141.00 /mh	9,870
			Senior Estimator / Planner	240.00 mh	101.00 /mh	24,240
			Mech / Elec Coordinator	120.00 mh	91.50 /mh	10,980
			Site Coordinator	80.00 mh	77.00 /mh	6,160
			Reimbursable Expenses Allowance	1.00 lsum	7,500.00 /lsum	7,500
			PRECONSTRUCTION SERVICES			58,750
		1000.300	SUBMITTALS & CONSULTANTS			
			Construction Schedule	12.00 ea	576.00 /ea	6,912
			Drawing / Document Reproduction	100.00 set	250.00 /set	25,000
			As Built Documentation	1.00 lsum	7,500.00 /lsum	7,500
			Job Photographs	12.00 mnth	100.00 /mnth	1,200
			SUBMITTALS & CONSULTANTS			40,612
		1000.400	QUALITY CONTROL			
			Testing and Inspection	1.00 lsum	25,000.00 /lsum	25,000
			Mock-ups	1.00 lsum	7,500.00 /lsum	7,500
			QUALITY CONTROL			32,500
		1000.510	TEMPORARY UTILITIES			
			Temporary Electric Power Consumption	12.00 mnth	2,500.00 /mnth	30,000
			Temporary Heating System	4.00 mnth	5,000.00 /mnth	20,000
			Temporary Heat - Fuel Consumption	4.00 mnth	15,000.00 /mnth	60,000
			Telephone Connection Cost	1.00 lsum	2,500.00 /lsum	2,500
			Telephone Usage Charge	12.00 mnth	1,000.00 /mnth	12,000
			Temporary Water Service	1.00 lsum	1,000.00 /lsum	1,000
			Temporary Water Usage Charge	12.00 mnth	200.00 /mnth	2,400
			Temporary Toilets	12.00 mnth	450.00 /mnth	5,400
			Fire Extinguishers	8.00 ea	175.00 /ea	1,400
			TEMPORARY UTILITIES			134,700
		1000.530	BARRIERS & ENCLOSURES			
			Barricades	150.00 lf	25.00 /lf	3,750
			Temporary Fence	1,200.00 lf	12.00 /lf	14,400
			BARRIERS & ENCLOSURES			18,150
		1000.540	SECURITY & SAFETY			
			Personal Protection Equipment	12.00 mnth	125.00 /mnth	1,500
			Safety Supplies	12.00 mnth	150.00 /mnth	1,800
			First Aid Supplies	12.00 mnth	250.00 /mnth	3,000
			SECURITY & SAFETY			6,300
		1000.560	TEMPORARY CONTROLS			
			Daily Housekeeping	52.00 wk	2,720.00 /wk	141,440
			Rubbish / Dumpster Pulls	36.00 load	600.00 /load	21,600
			Final Cleanup (Sub)	60,000.00 sf	0.55 /sf	33,000
			Snow Removal	7.00 strm	750.00 /strm	5,250
			Weather Protection	6.00 mnth	7,500.00 /mnth	45,000



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
			TEMPORARY CONTROLS			246,290
		1000.580	PROJECT SIGNS			
			Project Signs	1.00 ea	1,500.00 /ea	1,500
			Safety Signs	25.00 ea	40.00 /ea	1,000
			PROJECT SIGNS			2,500
		1000.590	FIELD OFFICES & STORAGE			
			Office Trailer Set-up	2.00 ea	3,000.00 /ea	6,000
			Office Trailer Lease (GC)	12.00 mnth	950.00 /mnth	11,400
			Copy Machine	12.00 mnth	250.00 /mnth	3,000
			Fax Machine, Purchase	1.00 ea	550.00 /ea	550
			Computer, Hardware and Software	1.00 ea	2,500.00 /ea	2,500
			Office Supplies	12.00 mnth	250.00 /mnth	3,000
			Postage and Express Mail	12.00 mnth	200.00 /mnth	2,400
			FIELD OFFICES & STORAGE			28,850
		1720.030	Layout			
			Layout (Own Forces)	1.00 ea	4,600.00 /ea	4,600
			Layout			4,600
			GENERAL REQUIREMENTS			1,313,676
	2000.000		SITework			
		2315.020	Earthwk: Cut & Fill Etc			
			Gravel Borrow	1,500.00 cy	35.00 /cy	52,500
			Earthwk: Cut & Fill Etc			52,500
		2315.021	Earthwk: Excav Foot/Misc			
			Excavate Footing By Machine	1,415.00 cy	30.00 /cy	42,450
			Earthwk: Excav Foot/Misc			42,450
		2315.024	Earthwk: Fine Grade			
			Fine Grade	30,000.00 sf	0.30 /sf	9,000
			Earthwk: Fine Grade			9,000
		2315.070	Backfill: Foot Wall Misc			
			Backfill Footings & Walls	1,176.00 cy	17.38 /cy	20,439
			Gravel at slab	666.00 cy	35.00 /cy	23,310
			Backfill: Foot Wall Misc			43,749
		2340.010	Soil Stabilze /Erosion Ctl			
			Soil Stabilize - Crush Rock	20.00 cy	35.00 /cy	700
			Siltation Fence	1,200.00 lf	5.00 /lf	6,000
			Hay Bales	100.00 lf	10.00 /lf	1,000
			Soil Stabilze /Erosion Ctl			7,700
		2620.010	Drainage: French Drains			
			French Drain 4"	1,000.00 lf	30.00 /lf	30,000
			Drainage: French Drains			30,000
			SITework			185,399
	3000.000		CONCRETE			
		3210.050	Rebar: All Types			
			Rebar - Lump Sum (tons)	11.25 ton	1,499.94 /ton	16,874
			Rebar: All Types			16,874
		3310.140	Conc: Footings			
			Footing Conc Contin	97.00 cy	498.00 /cy	48,306
			Footing Conc Col and Pit	64.00 cy	497.99 /cy	31,871
			Conc: Footings			80,177
		3310.160	Conc: Walls			
			Wall Conc 4000 psi	138.00 cy	595.00 /cy	82,110
			Conc: Walls			82,110
		3310.210	Conc: Slabs On Grade			
			S.O.G. Conc 4000 psi	29,204.00 sqft	7.00 /sqft	204,428
			Conc: Slabs On Grade			204,428
		3310.320	Conc: Fill Pan Stairs			
			Fill Pan Stairs 3000 psi	6.00 cy	628.30 /cy	3,770
			Conc: Fill Pan Stairs			3,770
		3310.380	Conc: Slab On Corruform			
			Conc @ Corruform 4000 psi	29,204.00 sqft	6.55 /sqft	191,296



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
			Conc: Slab On Corruform CONCRETE			191,286 573,645
	4000.000		MASONRY			
		4000.010	Division 4 Subcontractors			
			Brick Veneer	11,100.00 sf	32.55 /sf	361,305
			Cast Stone	1,000.00 cf	55.00 /cf	55,000
			Lime Stone	1,600.00 cf	125.00 /cf	200,000
			Masonry - Weather Prot & Temp Heat	17,500.00 sf	4.55 /sf	79,625
			Masonry - Scaffold	17,500.00 sf	5.55 /sf	97,125
			Division 4 Subcontractors			793,055
		4220.110	Conc. Block: 8" Blk 8" Standard Face	5,520.00 ea	21.53 /ea	118,818
			Conc. Block: 8"			118,818
		4423.000	Stone Granite			
			Granite Floor Tile	750.00 sf	35.00 /sf	26,250
			Stone Granite			26,250
			MASONRY			938,123
	5000.000		METALS			
		5000.010	Division 5 Subcontractors			
			Structural Floor Framing 17#/sf	255.00 ton	3,510.00 /ton	895,050
			Structural Roof Framing 8#/sf	120.00 ton	3,510.00 /ton	421,200
			Metal Decking Sqft	60,000.00 sf	2.00 /sf	120,000
			Division 5 Subcontractors			1,436,250
		5505.010	Misc: Misc Metals			
			Misc Metals	60,000.00 sf	1.00 /sf	60,000
			Misc: Misc Metals			60,000
		5510.110	Stairs: Stair Parts			
			Steel Stairs	2.00 flt	12,500.00 /flt	25,000
			Stairs: Stair Parts			25,000
		5720.010	Ornamental: Rail & Fence			
			Ornamental Stair and Railing	1.00 lsum	54,986.00 /lsum	54,986
			Ornamental: Rail & Fence		/lft	54,986
			METALS			1,576,236
	6000.000		WOOD & PLASTICS			
		6000.010	Division 6 Subcontractors			
			Millwork - Allowance	1.00 ls	300,000.00 /ls	300,000
			Division 6 Subcontractors			300,000
		6117.010	Blocking: Roof Nailers			
			Roof Nail PT 2 x 6 R.L.	4,950.00 bf	6.25 /bf	30,938
			Blocking: Roof Nailers			30,938
		6117.020	Blocking: Misc.			
			Misc Safety Railings	488.00 lf	32.26 /lf	15,743
			Blocking 2 x 6 R.L.	5,000.00 bf	6.03 /bf	30,150
			Blocking: Misc.			45,893
			WOOD & PLASTICS			376,830
	7000.000		THERMAL & MOISTURE PROT			
		7111.010	Dampproofing: VaprBarrier			
			Cavity Insulation	13,200.00 sf	2.39 /sf	31,548
			Perma Barrier Membrane	13,200.00 sf	7.60 /sf	100,320
			Perma Barrier Membrane Edge	4,200.00 sf	15.65 /sf	65,730
			Dampproofing: VaprBarrier			197,598
		7139.010	Waterproofing: Other			
			Waterproof Iron Compound	520.00 sf	12.93 /sf	6,722
			Waterproofing: Other			6,722
		7210.040	Insulation: Board			
			Expanded Polystyrene 2" Foundation	6,400.00 sf	1.98 /sf	12,672
			Insulation: Board			12,672
		7530.010	Membrane: Elastomerc EPDM			
			EPDM .060 Thickness	30,000.00 sf	14.78 /sf	443,400
			Membrane: Elastomerc EPDM			443,400
		7710.020	Sheetmetal: Gravel Stop			



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		7710.020	Sheetmetal: Gravel Stop Gravel Stop 8" High	800.00 lf	12.00 /lf	9,600
			Sheetmetal: Gravel Stop			9,600
		7810.010	Fireproofing: Spray On Fireproofing Sprayed	60,000.00 sf	2.00 /sf	120,000
			Fireproofing: Spray On			120,000
		7920.010	Sealant - Jt Filler Gaskt Caulk & Sealants	1.00 ls	60,000.00 /ls	60,000
			Sealant - Jt Filler Gaskt			60,000
			THERMAL & MOISTURE PROT			849,992
	8000.000		DOORS & WINDOWS			
		8100.000	Doors: Metal With Frames Metal Doors	25.00 ea	481.00 /ea	12,025
			Metal Frames	150.00 ea	306.00 /ea	45,900
			Doors: Metal With Frames			57,925
		8210.010	Doors: Wood Oak Solid Core	125.00 ea	504.00 /ea	63,000
			Doors: Wood			63,000
		8360.010	Doors: Overhead Door OH Sectional Steel	1.00 ea	8,700.00 /ea	8,700
			Doors: Overhead			8,700
		8510.010	Windows: Metal Aluminum Windows	5,500.00 sf	90.00 /sf	495,000
			Windows: Metal			495,000
		8700.000	Hardware: Finishing Finishing Hardware Allowance	150.00 ea	450.25 /ea	67,538
			Panic Device	12.00 ea	888.00 /ea	10,656
			Door Closers	40.00 ea	266.25 /ea	10,650
			Weatherstripping	4.00 ea	225.00 /ea	900
			Automatic Door Operators	2.00 ea	3,299.36 /ea	6,599
			Hardware: Finishing			96,342
		8740.000	Hardware: Electromagnetic Card Key Locking Hardware	10.00 ea	250.00 /ea	2,500
			Electromagnetic Door Holders	10.00 ea	155.00 /ea	1,550
			Hardware: Electromagnetic			4,050
		8900.010	Glazed Curtain Walls Aluminum Curtain Wall and Entrances	1,000.00 sf	115.00 /sf	115,000
			Glazed Curtain Walls		/sf	115,000
			DOORS & WINDOWS			840,017
	9000.000		FINISHES			
		9000.010	Division 9 Subcontractors Drywall Int Parts	23,986.60 sf	10.36 /sf	248,501
			Drywall Ext Parts	19,200.00 sf	15.06 /sf	289,152
			Ceramic Tile Floor	1,023.00 sf	14.00 /sf	14,322
			Ceramic Tile Walls	1,460.00 sf	12.75 /sf	18,615
			Acoustical Ceilings	56,308.00 ls	4.10 /ls	230,863
			Vinyl Base	5,600.00 lf	2.25 /lf	12,600
			Radial Rubber Tile	900.00 sf	9.00 /sf	8,100
			Resil Safety Tread	160.00 lf	12.00 /lf	1,920
			Resil Stair Riser & Stringer	115.00 lf	3.35 /lf	385
			Carpet	6,142.00 sy	30.00 /sy	184,260
			Painting Walls	50,400.00 sf	0.90 /sf	45,360
			Painting Soffits	2,000.00 sf	0.85 /sf	1,700
			Painting Doors & Frames	150.00 ea	45.00 /ea	6,750
			Drywall Soffits	2,000.00 sf	9.55 /sf	19,100
			Division 9 Subcontractors			1,081,628
			FINISHES			1,081,628
	10000.000		SPECIALTIES			
		10100.010	Visual Display Boards Operable Markerboards	4.00 ea	1,199.76 /ea	4,799
			Visual Display Boards			4,799
		10160.010	Toilet Compartments			



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		10160.010	Toilet Compartments			
			Toilet Compartments - phenolic	32.00 ea	1,100.00 /ea	35,200
			Urinal Screens	12.00 ea	450.04 /ea	5,400
			Toilet Compartments			40,601
		10200.000	Louvers and Vents			
			Wall Louver: Stationary	4.00 ea	1,199.78 /ea	4,799
			Louvers and Vents			4,799
		10350.000	Flagpoles			
			Flagpole	1.00 ea	1,499.94 /ea	1,500
			Flagpoles			1,500
		10430.010	Signs and Letters			
			Exterior Dimensional Letters	1.00 ls	10,000.00 /ls	10,000
			Interior Door Signage	175.00 ea	45.00 /ea	7,875
			Signs and Letters			17,875
		10521.010	Fire Extinguishers Etc			
			Fire Extinguishers	10.00 ea	77.00 /ea	770
			Fire Ext Cabinet	10.00 ea	126.00 /ea	1,260
			Fire Extinguishers Etc			2,030
		10800.010	Misc Toilet/Bath Equip			
			Toilet Accessories	8.00 rm	1,500.10 /rm	12,001
			Misc Toilet/Bath Equip			12,001
			SPECIALTIES			83,604
	11000.000		EQUIPMENT			
		11160.010	Equip: Dock			
			Dock Leveler	1.00 ea	9,249.99 /ea	9,250
			Dock Bumpers	2.00 ea	129.99 /ea	260
			Dock Seals	38.00 lf	50.25 /lf	1,910
			Equip: Dock			11,419
		11450.010	Equip: Residential Food			
			Refrigerator	3.00 ea	1,625.00 /ea	4,875
			Compactor Residential Size	3.00 ea	734.00 /ea	2,202
			Microwave	3.00 ea	194.83 /ea	584
			Equip: Residential Food			7,661
			EQUIPMENT			19,081
	12000.000		FURNISHINGS			
		12490.010	Window Treatments			
			Blinds	5,500.00 sf	12.00 /sf	66,000
			Window Treatments			66,000
			FURNISHINGS			66,000
	13000.000		SPECIAL CONSTRUCTION			
		13100.000	Lightning Protection			
			Lightning Protection Sub	1.00 ls	35,000.00 /ls	35,000
			Lightning Protection			35,000
			SPECIAL CONSTRUCTION			35,000
	14000.000		CONVEYING SYSTEMS			
		14200.010	Elevators			
			Elevator Hydraulic	1.00 ea	85,000.08 /ea	85,000
			Elevator Freight Hydraulic	1.00 ea	120,000.08 /ea	120,000
			Elevators			205,000
			CONVEYING SYSTEMS			205,000
	15000.000		MECHANICAL			
		15300.010	Sprinkler			
			Fire Protection (Soft)	60,000.00 sf	4.50 /sf	270,000
			Pre-Action Sprinkler Systems	600.00 sf	20.00 /sf	12,000
			Sprinkler			282,000
		15400.000	Plumbing			
			Plumbing (Soft)	60,000.00 sf	18.00 /sf	1,080,000
			Plumbing			1,080,000
		15700.000	HVAC Systems			
			HVAC (Soft)	60,000.00 sf	40.00 /sf	2,400,000



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			HVAC Systems			2,400,000
		15900.000	Controls			
			Controls (Lump Sum)	60,000.00 sf	8.50 /sf	510,000
			Controls			510,000
			MECHANICAL			4,272,000
	16000.000		ELECTRICAL			
		16000.010	Electrical Complete			
			Electrical (Sqft)	60,000.00 sf	31.00 /sf	1,860,000
			Electrical Complete			1,860,000
		16200.010	Power Generation			
			Generators	1.00 ea	75,000.00 /ea	75,000
			Power Generation			75,000
			ELECTRICAL			1,935,000
			1 Admin Bldg			14,356,233



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
2 Vehicles						
	1000.000		GENERAL REQUIREMENTS			
		1000.103	PROJECT SUPERVISION			
			Assistant Project Manager	52.00 wk	2,760.00 /wk	143,520
			Project Engineer Half Time	52.00 wk	1,200.00 /wk	62,400
			Purchasing Agent	4.00 wk	3,560.00 /wk	14,240
			Purchasing Secretary Half time	4.00 wk	560.00 /wk	2,240
			Safety Officer Half Day a week'	52.00 wk	274.00 /wk	14,248
			Project Superintendent	52.00 wk	3,280.00 /wk	170,560
			Cost Control Management 1 days a week	52.00 wk	368.00 /wk	19,136
			PROJECT SUPERVISION			426,344
		1000.202	PRECONSTRUCTION SERVICES			
			Project Executive	50.00 mh	141.00 /mh	7,050
			Senior Estimator / Planner	200.00 mh	101.00 /mh	20,200
			Mech / Elec Coordinator	120.00 mh	91.50 /mh	10,980
			Site Coordinator	80.00 mh	77.00 /mh	6,160
			Reimbursable Expenses Allowance	1.00 lsum	5,000.00 /lsum	5,000
			PRECONSTRUCTION SERVICES			49,390
		1000.300	SUBMITTALS & CONSULTANTS			
			Construction Schedule	11.00 ea	576.00 /ea	6,336
			Drawing / Document Reproduction	100.00 set	250.00 /set	25,000
			As Built Documentation	1.00 lsum	7,500.00 /lsum	7,500
			As Built Documentation	1.00 lsum	7,500.00 /lsum	7,500
			Job Photographs	12.00 mnth	100.00 /mnth	1,200
			SUBMITTALS & CONSULTANTS			47,536
		1000.510	TEMPORARY UTILITIES			
			Temporary Electric Power Consumption	12.00 mnth	1,750.00 /mnth	21,000
			Temporary Heating System	4.00 mnth	5,000.00 /mnth	20,000
			Temporary Heat - Fuel Consumption	4.00 mnth	15,000.00 /mnth	60,000
			Telephone Usage Charge	12.00 mnth	1,000.00 /mnth	12,000
			Temporary Water Usage Charge	12.00 mnth	200.00 /mnth	2,400
			Temporary Toilets	12.00 mnth	450.00 /mnth	5,400
			Fire Extinguishers	6.00 ea	175.00 /ea	1,050
			TEMPORARY UTILITIES			121,850
		1000.530	BARRIERS & ENCLOSURES			
			Temporary Fence	1,600.00 lf	12.00 /lf	19,200
			BARRIERS & ENCLOSURES			19,200
		1000.540	SECURITY & SAFETY			
			Personal Protection Equipment	12.00 mnth	125.00 /mnth	1,500
			Safety Supplies	12.00 mnth	150.00 /mnth	1,800
			First Aid Supplies	12.00 mnth	250.00 /mnth	3,000
			SECURITY & SAFETY			6,300
		1000.560	TEMPORARY CONTROLS			
			Daily Housekeeping	52.00 wk	2,720.00 /wk	141,440
			Rubbish / Dumpster Pulls	36.00 load	600.00 /load	21,600
			Final Cleanup (Sub)	31,800.00 sf	0.45 /sf	14,220
			Weather Protection	6.00 mnth	7,500.00 /mnth	45,000
			TEMPORARY CONTROLS			222,260
		1000.580	PROJECT SIGNS			
			Safety Signs	25.00 ea	40.00 /ea	1,000
			PROJECT SIGNS			1,000
		1720.030	Layout			
			Layout (Own Forces)	1.00 ea	4,600.00 /ea	4,600
			Layout			4,600
			GENERAL REQUIREMENTS			898,480
	1730.000		DEMOLITION			
		1730.100	Demo: Subcontractors			
			Sub: Demolition	1.00 ls	75,000.00 /ls	75,000
			Demo: Subcontractors			75,000
			DEMOLITION			75,000
	2000.000		SITWORK			
		2315.021	Earthwk: Excav Foot/Misc			
			Excavate Footing By Machine	940.00 cy	30.00 /cy	28,200



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
			Earthwk: Excav Foot/Misc			28,200
		2315.024	Earthwk: Fine Grade			
			Fine Grade	31,600.00 sf	0.30 /sf	9,480
			Earthwk: Fine Grade			9,480
		2315.070	Backfill: Foot Wall Misc			
			Backfill Footings & Walls	710.00 cy	17.38 /cy	12,340
			Gravel at slab	702.00 cy	35.00 /cy	24,570
			Backfill: Foot Wall Misc			36,910
		2340.010	Soil Stabilze /Erosion Ctl			
			Soil Stabilize - Crush Rock	20.00 cy	35.00 /cy	700
			Siltation Fence	1,200.00 lf	5.00 /lf	6,000
			Hay Bales	100.00 lf	10.00 /lf	1,000
			Soil Stabilze /Erosion Ctl			7,700
		2620.010	Drainage: French Drains			
			French Drain 4"	800.00 lf	30.00 /lf	24,000
			Drainage: French Drains			24,000
			SITWORK			106,290
	3000.000		CONCRETE			
		3210.050	Rebar: All Types			
			Rebar - Lump Sum (tons)	12.00 ton	1,499.92 /ton	17,999
			Rebar - Lump Sum (tons)	11.25 ton	1,499.94 /ton	16,874
			Rebar: All Types			34,873
		3310.140	Conc: Footings			
			Footing Conc Contin	105.00 cy	498.00 /cy	52,290
			Footing Conc Col and Pit	61.00 cy	497.99 /cy	30,377
			Conc: Footings			82,667
		3310.160	Conc: Walls			
			Wall Conc 4000 psi	131.50 cy	595.00 /cy	78,243
			Conc: Walls			78,243
		3310.210	Conc: Slabs On Grade			
			S.O.G. Conc 4000 psi	31,093.00 sqft	7.00 /sqft	217,851
			Conc: Slabs On Grade			217,851
		3350.400	Finish: Floor Hardener			
			Floor Sealer - Hardener	31,093.00 sf	0.87 /sf	27,076
			Finish: Floor Hardener			27,076
			CONCRETE			440,510
	4000.000		MASONRY			
		4000.010	Division 4 Subcontractors			
			Brick Veneer	17,100.00 sf	32.55 /sf	556,605
			Masonry - Scaffold	23,100.00 sf	5.55 /sf	128,205
			Division 4 Subcontractors			684,810
		4220.110	Conc. Block: 8"			
			Blk 8" Standard Face	25,987.50 ea	21.53 /ea	559,381
			Conc. Block: 8"			559,381
			MASONRY			1,244,191
	5000.000		METALS			
		5000.010	Division 5 Subcontractors			
			Structural Roof Framing 9#/sf	142.00 ton	3,510.00 /ton	498,420
			Metal Decking Sqft	31,600.00 sf	2.00 /sf	63,200
			Division 5 Subcontractors			561,620
		5505.010	Misc: Misc Metals			
			Misc Metals	31,600.00 sf	1.50 /sf	47,400
			Misc: Misc Metals			47,400
			METALS			609,020
	6000.000		WOOD & PLASTICS			
		6117.010	Blocking: Roof Nailers			
			Roof Nail PT 2 x 6 R.L.	6,600.00 bf	6.25 /bf	41,250
			Blocking: Roof Nailers			41,250
		6117.020	Blocking: Misc.			
			Blocking 2 x 6 R.L.	6,000.00 bf	6.03 /bf	36,180



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
			Blocking: Misc.			36,180
			WOOD & PLASTICS			77,430
	7000.000		THERMAL & MOISTURE PROT			
		7111.010	Dampproofing: VaprBarrier			
			Cavity Insulation	17,100.00 sf	2.39 /sf	40,889
			Perma Barrier Membrane	17,100.00 sf	7.60 /sf	129,960
			Perma Barrier Membrane Edge	1,200.00 sf	15.85 /sf	18,780
			Dampproofing: VaprBarrier			189,609
		7210.040	Insulation: Board			
			Expanded Polystyrene 2 " Foundation	6,160.00 sf	1.98 /sf	12,197
			Insulation: Board			12,197
		7530.010	Membrane: Elastomerc EPDM			
			EPDM .060 Thickness	31,600.00 sf	14.76 /sf	467,048
			Membrane: Elastomerc EPDM			467,048
		7710.020	Sheetmetal: Gravel Stop			
			Gravel Stop 8" High	770.00 lf	12.00 /lf	9,240
			Sheetmetal: Gravel Stop			9,240
		7810.010	Fireproofing: Spray On			
			Fireproofing Sprayed	31,600.00 sf	2.00 /sf	63,200
			Fireproofing: Spray On			63,200
		7920.010	Sealant - Jt Filler Gaskt			
			Caulk & Sealants (Our Forces)	1.00 ls	15,000.00 /ls	15,000
			Sealant - Jt Filler Gaskt			15,000
			THERMAL & MOISTURE PROT			756,294
	8000.000		DOORS & WINDOWS			
		8100.000	Doors: Metal With Frames			
			Metal Doors	10.00 ea	345.75 /ea	3,458
			Metal Frames	10.00 ea	258.50 /ea	2,585
			Doors: Metal With Frames			6,043
		8360.010	Doors: Overhead			
			Door OH Sectional Steel	6.00 ea	18,499.85 /ea	110,999
			Doors: Overhead			110,999
		8510.010	Windows: Metal			
			Aluminum Windows	700.00 sf	90.00 /sf	63,000
			Windows: Metal			63,000
		8600.000	Skylights			
			Unit Skylights	40.00 ea	3,000.00 /ea	120,000
			Skylights			120,000
		8700.000	Hardware: Finishing			
			Finishing Hardware Allowance	10.00 ea	450.25 /ea	4,503
			Panic Device	6.00 ea	888.00 /ea	5,328
			Door Closers	10.00 ea	266.25 /ea	2,663
			Weatherstripping	6.00 ea	225.00 /ea	1,350
			Hardware: Finishing			13,843
		8740.000	Hardware: Electromagnetic			
			Card Key Locking Hardware	6.00 ea	250.00 /ea	1,500
			Electromagnetic Door Holders	6.00 ea	155.00 /ea	930
			Hardware: Electromagnetic			2,430
			DOORS & WINDOWS			316,315
	9000.000		FINISHES			
		9000.010	Division 9 Subcontractors			
			Painting Walls	23,100.00 sf	0.95 /sf	21,945
			Painting Doors & Frames	10.00 ea	45.00 /ea	450
			Division 9 Subcontractors			22,395
			FINISHES			22,395
	10000.000		SPECIALTIES			
		10521.010	Fire Extinguishers Etc			
			Fire Extinguishers Wall Mounted	6.00 ea	96.23 /ea	577
			Fire Extinguishers Etc			577



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
			SPECIALTIES			577
	11000.000		EQUIPMENT			
		11010.030	Equip: Vacuum Systems			
			Vacuum Cleaning System Comple	1.00 ea	5,000.00 /ea	5,000
			Equip: Vacuum Systems			5,000
		11140.010	Equip: Vehicle Service			
			Vehicle Service Equipment	1.00 ls	150,000.00 /ls	150,000
			Fuel Dispensing Equipment	3.00 ea	25,000.00 /ea	75,000
			Equip: Vehicle Service			225,000
		11150.010	Equip: Parking Control			
			Parking Control Equipment	1.00 ls	25,000.00 /ls	25,000
			Equip: Parking Control			25,000
			EQUIPMENT			255,000
	13000.000		SPECIAL CONSTRUCTION			
		13100.000	Lightning Protection			
			Lightning Protection Sub	1.00 ea	35,000.00 /ea	35,000
			Lightning Protection			35,000
		13200.000	Storage Tanks			
			Convault AG Tanks	2.00 ea	125,000.00 /ea	250,000
			Storage Tanks			250,000
			SPECIAL CONSTRUCTION			285,000
	14000.000		CONVEYING SYSTEMS			
		14400.010	Lifts			
			Vehicle Lifts	3.00 ea	85,000.00 /ea	255,000
			Lifts			255,000
		14800.010	Hoists & Cranes			
			Overhead Monorail System	200.00 lf	301.80 /lf	60,360
			Hoists & Cranes			60,360
			CONVEYING SYSTEMS			315,360
	15000.000		MECHANICAL			
		15300.010	Sprinkler			
			Fire Protection (Sqft)	31,600.00 sf	4.50 /sf	142,200
			Sprinkler			142,200
		15400.000	Plumbing			
			Plumbing (Sqft)	31,600.00 sf	3.55 /sf	112,180
			Plumbing			112,180
		15700.000	HVAC Systems			
			HVAC (Sqft)	31,600.00 sf	4.00 /sf	126,400
			HVAC Systems			126,400
		15900.000	Controls			
			Building Systems Control	31,600.00 sf	1.00 /sf	31,600
			Controls			31,600
			MECHANICAL			412,380
	16000.000		ELECTRICAL			
		16000.010	Electrical Complete			
			Electrical (Sqft)	31,600.00 sf	19.75 /sf	624,100
			Electrical Complete			624,100
		16200.010	Power Generation			
			Generators	1.00 ea	75,000.00 /ea	75,000
			Power Generation			75,000
			ELECTRICAL			699,100
			2 Vehicles			6,513,341



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
3 Stock/Offices						
	1000.000		GENERAL REQUIREMENTS			
		1000.510	TEMPORARY UTILITIES			
			Temporary Toilets	12.00 mnth	450.00 /mnth	5,400
			Fire Extinguishers	8.00 ea	175.00 /ea	1,400
			TEMPORARY UTILITIES			6,800
		1000.530	BARRIERS & ENCLOSURES			
			Barricades	100.00 lf	25.00 /lf	2,500
			Temporary Fence	600.00 lf	12.00 /lf	7,200
			BARRIERS & ENCLOSURES			9,700
		1000.560	TEMPORARY CONTROLS			
			Daily Housekeeping 2 days a week	52.00 wk	1,088.00 /wk	56,576
			Rubbish / Dumpster Pulls	12.00 load	600.00 /load	7,200
			Final Cleanup (Sub)	20,000.00 sf	0.55 /sf	11,000
			Weather Protection	6.00 mnth	7,500.00 /mnth	45,000
			TEMPORARY CONTROLS			119,776
		1000.580	PROJECT SIGNS			
			Safety Signs	25.00 ea	40.00 /ea	1,000
			PROJECT SIGNS			1,000
		1720.030	Layout			
			Layout (Own Forces)	1.00 ea	4,000.00 /ea	4,000
			Layout			4,000
			GENERAL REQUIREMENTS			141,276
	2000.000		SITework			
		2310.020	Earthwk: Site Grading			
			Rough Grading	10,000.00 sf	0.25 /sf	2,500
			Earthwk: Site Grading			2,500
		2315.021	Earthwk: Excav Foot/Misc			
			Excavate Footing By Machine	320.00 cy	30.00 /cy	9,600
			Earthwk: Excav Foot/Misc			9,600
		2315.024	Earthwk: Fine Grade			
			Fine Grade	10,000.00 sf	0.30 /sf	3,000
			Earthwk: Fine Grade			3,000
		2315.070	Backfill: Foot Wall Misc			
			Backfill Footings & Walls	285.00 cy	17.38 /cy	4,953
			Gravel at slab	222.00 cy	35.00 /cy	7,770
			Backfill: Foot Wall Misc			12,723
		2340.010	Soil Stabilize /Erosion Ctl			
			Soil Stabilize - Crush Rock	20.00 cy	35.00 /cy	700
			Siltation Fence	600.00 lf	5.00 /lf	3,000
			Hay Bales	50.00 lf	10.00 /lf	500
			Soil Stabilize /Erosion Ctl			4,200
		2620.010	Drainage: French Drains			
			French Drain 4"	300.00 lf	30.00 /lf	9,000
			Drainage: French Drains			9,000
			SITework			41,023
	3000.000		CONCRETE			
		3210.050	Rebar: All Types			
			Rebar - Lump Sum (tons)	11.25 ton	1,498.94 /ton	16,874
			Rebar: All Types			16,874
		3310.140	Conc: Footings			
			Footing Conc Contin	36.00 cy	498.00 /cy	17,928
			Footing Conc Col	34.00 cy	497.99 /cy	16,932
			Conc: Footings			34,859
		3310.160	Conc: Walls			
			Wall Conc 4000 psi	59.00 cy	595.00 /cy	35,105
			Loading Dock	600.00 sf	50.00 /sf	30,000
			Conc: Walls			65,105
		3310.210	Conc: Slabs On Grade			
			S.O.G. Conc 4000 psi	9,504.00 sqft	7.00 /sqft	66,528



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
			Conc: Slabs On Grade			66,528
		3310.320	Conc: Fill Pan Stairs			2,513
			Fill Pan Stairs 3000 psi	4.00 cy	628.30 /cy	2,513
			Conc: Fill Pan Stairs			2,513
		3310.380	Conc: Slab On Corruform			62,251
			Conc @ Corruform 4000 psi	9,504.00 sqft	6.55 /sqft	62,251
			Conc: Slab On Corruform			248,131
			CONCRETE			
	4000.000		MASONRY			
		4000.010	Division 4 Subcontractors			
			Brick Veneer	6,850.00 sf	32.55 /sf	222,988
			Cast Stone	400.00 cf	55.00 /cf	22,000
			Lime Stone	400.00 cf	125.00 /cf	50,000
			Masonry - Weather Prot & Temp Heat	9,800.00 sf	4.55 /sf	44,590
			Masonry - Scaffold	9,000.00 sf	5.55 /sf	49,950
			Division 4 Subcontractors			389,508
		4220.110	Conc. Block: 8"			165,958
			Blk 8" Standard Face	7,710.00 ea	21.53 /ea	165,958
			Conc. Block: 8"			165,958
		4220.120	Conc. Block: 6"			117,572
			Blk 6" Standard Face	7,280.00 ea	16.15 /ea	117,572
			Conc. Block: 6"			117,572
			MASONRY			673,037
	5000.000		METALS			
		5000.010	Division 5 Subcontractors			
			Structural Floor Framing 17#/sf	85.00 ton	3,510.00 /ton	298,350
			Structural Roof Framing 8#/sf	40.00 ton	3,510.00 /ton	140,400
			Metal Decking Sqft	20,000.00 sf	2.00 /sf	40,000
			Division 5 Subcontractors			478,750
		5505.010	Misc: Misc Metals			30,000
			Misc Metals	20,000.00 sf	1.50 /sf	30,000
			Misc: Misc Metals			30,000
		5510.110	Stairs: Stair Parts			25,000
			Steel Stairs	2.00 flt	12,500.00 /flt	25,000
			Stairs: Stair Parts			25,000
			METALS			533,750
	6000.000		WOOD & PLASTICS			
		6000.010	Division 6 Subcontractors			75,000
			Millwork - Allowance	1.00 ls	75,000.00 /ls	75,000
			Division 6 Subcontractors			75,000
		6117.010	Blocking: Roof Nailers			16,563
			Roof Nail PT 2 x 6 R.L.	2,650.00 bf	6.25 /bf	16,563
			Blocking: Roof Nailers			16,563
		6117.020	Blocking: Misc.			12,904
			Misc Safety Railings	400.00 lf	32.26 /lf	12,904
			Blocking 2 x 6 R.L.	3,500.00 bf	6.03 /bf	21,105
			Blocking: Misc.			34,009
			WOOD & PLASTICS			125,572
	7000.000		THERMAL & MOISTURE PROT			
		7111.010	Dampproofing: VaprBarrier			16,372
			Cavity Insulation	6,850.00 sf	2.39 /sf	16,372
			Perma Barrier Membrane	6,850.00 sf	7.60 /sf	52,060
			Perma Barrier Membrane Edge	1,190.00 sf	15.65 /sf	18,624
			Dampproofing: VaprBarrier			87,055
		7210.040	Insulation: Board			4,752
			Expanded Polystyrene 2" Foundation	2,400.00 sf	1.98 /sf	4,752
			Insulation: Board			4,752
		7530.010	Membrane: Elastomerc EPDM			147,800
			EPDM .060 Thickness	10,000.00 sf	14.78 /sf	147,800
			Membrane: Elastomerc EPDM			147,800
		7710.020	Sheetmetal: Gravel Stop			



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		7710.020	Sheetmetal: Gravel Stop			
			Gravel Stop 6" High	300.00 lf	12.00 /lf	3,600
			Sheetmetal: Gravel Stop			3,600
		7810.010	Fireproofing: Spray On			
			Fireproofing Sprayed	20,000.00 sf	2.00 /sf	40,000
			Fireproofing: Spray On			40,000
		7920.010	Sealant - Jt Filler Gaskt			
			Caulk & Sealants	1.00 ls	12,500.00 /ls	12,500
			Sealant - Jt Filler Gaskt			12,500
			THERMAL & MOISTURE PROT			295,707
	8000.000		DOORS & WINDOWS			
		8100.000	Doors: Metal With Frames			
			Metal Doors	40.00 ea	481.00 /ea	19,240
			Metal Frames	50.00 ea	306.00 /ea	15,300
			Doors: Metal With Frames			34,540
		8210.010	Doors: Wood			
			Oak Solid Core	10.00 ea	504.00 /ea	5,040
			Doors: Wood			5,040
		8380.010	Doors: Overhead			
			Door OH Sectional Steel	1.00 ea	8,700.00 /ea	8,700
			Doors: Overhead			8,700
		8510.010	Windows: Metal			
			Aluminum Windows	1,350.00 sf	90.00 /sf	121,500
			Windows: Metal			121,500
		8700.000	Hardware: Finishing			
			Finishing Hardware Allowance	50.00 ea	450.25 /ea	22,513
			Panic Device	6.00 ea	888.00 /ea	5,328
			Door Closers	12.00 ea	266.25 /ea	3,195
			Weatherstripping	4.00 ea	225.00 /ea	900
			Hardware: Finishing			31,936
		8740.000	Hardware: Electromagnetic			
			Card Key Locking Hardware	4.00 ea	250.00 /ea	1,000
			Electromagnetic Door Holders	4.00 ea	155.00 /ea	620
			Hardware: Electromagnetic			1,620
		8900.010	Glazed Curtain Walls			
			Aluminum Curtain Wall and Entrances	140.00 sf	115.00 /sf	16,100
			Glazed Curtain Walls		/sf	16,100
			DOORS & WINDOWS			219,435
	9000.000		FINISHES			
		9000.010	Division 9 Subcontractors			
			Drywall Int Parts	7,400.00 sf	10.36 /sf	76,664
			Ceramic Tile Floor	400.00 sf	14.00 /sf	5,600
			Ceramic Tile Walls	1,305.00 sf	12.75 /sf	16,639
			Acoustical Ceilings	17,600.00 ls	4.10 /ls	72,160
			Vinyl Base	2,715.00 lf	2.25 /lf	6,109
			Radial Rubber Tile	900.00 sf	9.00 /sf	8,100
			Resil Safety Tread	160.00 lf	12.00 /lf	1,920
			Resil Stair Riser & Stringer	115.00 lf	3.35 /lf	385
			Resilient Flooring	8,800.00 sf	2.50 /sf	22,000
			Carpet	978.00 sy	30.00 /sy	29,340
			Painting Walls	28,142.00 sf	0.90 /sf	23,528
			Painting Soffits	1,000.00 sf	0.85 /sf	850
			Painting Doors & Frames	50.00 ea	45.00 /ea	2,250
			Drywall Soffits	1,000.00 sf	9.55 /sf	9,550
			Division 9 Subcontractors			275,095
			FINISHES			275,095
	10000.000		SPECIALTIES			
		10100.010	Visual Display Boards			
			Marker Boards / Tackboards	8.00 ea	195.01 /ea	1,560
			Visual Display Boards			1,560
		10160.010	Toilet Compartments			
			Toilet Compartments - phenolic	8.00 ea	1,100.00 /ea	8,800



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		10160.010	Toilet Compartments			
			Urinal Screens	6.00 ea	450.04 /ea	2,700
			Toilet Compartments			11,500
		10185.010	Shower/Dressing Compart			
			Compartment Showers	4.00 ea	1,150.00 /ea	4,600
			Shower/Dressing Compart			4,600
		10200.000	Louvers and Vents			
			Wall Louver: Stationary	4.00 ea	1,199.76 /ea	4,799
			Louvers and Vents			4,799
		10430.010	Signs and Letters			
			Interior Door Signage	100.00 ea	45.00 /ea	4,500
			Signs and Letters			4,500
		10500.010	Lockers			
			Lockers - Metal	30.00 ea	225.00 /ea	6,750
			Lockers			6,750
		10521.010	Fire Extinguishers Etc			
			Fire Extinguishers	6.00 ea	77.00 /ea	462
			Fire Ext Cabinet	6.00 ea	126.00 /ea	756
			Fire Extinguishers Etc			1,218
		10600.000	Partitions			
			Wire Mesh Partition	350.00 lf	92.00 /lf	32,200
			Partitions			32,200
		10800.010	Misc Toilet/Bath Equip			
			Toilet Accessories	6.00 rm	1,500.10 /rm	9,001
			Misc Toilet/Bath Equip			9,001
			SPECIALTIES			76,128
	11000.000		EQUIPMENT			
		11160.010	Equip: Dock			
			Dock Leveler	1.00 ea	9,249.99 /ea	9,250
			Dock Bumpers	2.00 ea	129.99 /ea	260
			Equip: Dock			9,510
		11450.010	Equip: Residential Food			
			Refrigerator	3.00 ea	1,625.00 /ea	4,875
			Microwave	3.00 ea	194.83 /ea	584
			Equip: Residential Food			5,459
			EQUIPMENT			14,969
	12000.000		FURNISHINGS			
		12490.010	Window Treatments			
			Blinds	1,350.00 sf	12.00 /sf	16,200
			Window Treatments			16,200
			FURNISHINGS			16,200
	13000.000		SPECIAL CONSTRUCTION			
		13100.000	Lightning Protection			
			Lightning Protection Sub	1.00 ls	12,000.00 /ls	12,000
			Lightning Protection			12,000
			SPECIAL CONSTRUCTION			12,000
	15000.000		MECHANICAL			
		15300.010	Sprinkler			
			Fire Protection (Sqft)	20,000.00 sf	4.50 /sf	90,000
			Sprinkler			90,000
		15400.000	Plumbing			
			Plumbing (Sqft)	20,000.00 sf	16.00 /sf	320,000
			Plumbing			320,000
		15700.000	HVAC Systems			
			HVAC (Sqft)	20,000.00 sf	40.00 /sf	800,000
			HVAC Systems			800,000
		15900.000	Controls			
			Controls (Lump Sum)	20,000.00 sf	8.50 /sf	170,000
			Controls			170,000



Providence Water Supply Board
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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
			MECHANICAL			1,380,000
	16000.000		ELECTRICAL			
		16000.010	Electrical Complete			
			Electrical (Sqft)	20,000.00 sf	31.00 /sf	620,000
			Electrical Complete			620,000
			ELECTRICAL			620,000
			3 Stock/Offices			4,672,324



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
4 Auto Shop						
	1000.000		GENERAL REQUIREMENTS			
		1000.103	PROJECT SUPERVISION			
			Safety Officer Half Day a week	40.00 wk	274.00 /wk	10,960
			Cost Control Management 1 days a week	40.00 wk	368.00 /wk	14,720
			Assistant Superintendent	40.00 wk	3,060.00 /wk	122,400
			PROJECT SUPERVISION			148,080
		1000.202	PRECONSTRUCTION SERVICES			
			Senior Estimator / Planner	100.00 mh	101.00 /mh	10,100
			Mech / Elec Coordinator	60.00 mh	91.50 /mh	5,490
			Site Coordinator	40.00 mh	77.00 /mh	3,080
			Reimbursable Expenses Allowance	1.00 lsum	5,000.00 /lsum	5,000
			PRECONSTRUCTION SERVICES			23,670
		1000.300	SUBMITTALS & CONSULTANTS			
			Construction Schedule	9.00 ea	576.00 /ea	5,184
			Drawing / Document Reproduction	50.00 set	250.00 /set	12,500
			As Built Documentation	1.00 lsum	3,500.00 /lsum	3,500
			As Built Documentation	1.00 lsum	3,500.00 /lsum	3,500
			Job Photographs	12.00 mnth	50.00 /mnth	600
			SUBMITTALS & CONSULTANTS			25,284
		1000.510	TEMPORARY UTILITIES			
			Temporary Electric Power Consumption	8.00 mnth	1,000.00 /mnth	8,000
			Temporary Heating System	4.00 mnth	2,500.00 /mnth	10,000
			Temporary Heat - Fuel Consumption	4.00 mnth	5,000.00 /mnth	20,000
			Telephone Usage Charge	8.00 mnth	800.00 /mnth	6,400
			Temporary Water Usage Charge	8.00 mnth	200.00 /mnth	1,600
			Temporary Toilets	8.00 mnth	300.00 /mnth	2,400
			Fire Extinguishers	4.00 ea	175.00 /ea	700
			TEMPORARY UTILITIES			49,100
		1000.530	BARRIERS & ENCLOSURES			
			Temporary Fence	1,000.00 lf	12.00 /lf	12,000
			BARRIERS & ENCLOSURES			12,000
		1000.540	SECURITY & SAFETY			
			Personal Protection Equipment	8.00 mnth	125.00 /mnth	1,000
			Safety Supplies	8.00 mnth	150.00 /mnth	1,200
			First Aid Supplies	8.00 mnth	250.00 /mnth	2,000
			SECURITY & SAFETY			4,200
		1000.560	TEMPORARY CONTROLS			
			Daily Housekeeping	40.00 wk	2,720.00 /wk	108,800
			Rubbish / Dumpster Pulls	32.00 load	600.00 /load	19,200
			Final Cleanup (Sub)	8,000.00 sf	0.45 /sf	3,600
			Weather Protection	4.00 mnth	7,500.00 /mnth	30,000
			TEMPORARY CONTROLS			161,600
		1000.580	PROJECT SIGNS			
			Safety Signs	6.00 ea	40.00 /ea	240
			PROJECT SIGNS			240
		1720.030	Layout			
			Layout (Own Forces)	1.00 ea	2,300.00 /ea	2,300
			Layout			2,300
			GENERAL REQUIREMENTS			426,474
	2000.000		SITework			
		2315.021	Earthwk: Excav Foot/Misc			
			Excavate Footing By Machine	390.00 cy	30.00 /cy	11,700
			Earthwk: Excav Foot/Misc			11,700
		2315.024	Earthwk: Fine Grade			
			Fine Grade	8,000.00 sf	0.30 /sf	2,400
			Earthwk: Fine Grade			2,400
		2315.070	Backfill: Foot Wall Misc			
			Backfill Footings & Walls	364.00 cy	17.38 /cy	6,326
			Gravel at slab	148.15 cy	35.00 /cy	5,185
			Backfill: Foot Wall Misc			11,511
		2340.010	Soil Stabilize /Erosion Ctl			



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		2340.010	Soil Stabilize /Erosion Ctl			
			Soil Stabilize - Crush Rock	10.00 cy	35.00 /cy	350
			Siltation Fence	800.00 lf	5.00 /lf	4,000
			Hay Bales	50.00 lf	10.00 /lf	500
			Soil Stabilize /Erosion Ctl			4,850
		2620.010	Drainage: French Drains			
			French Drain 4"	400.00 lf	30.00 /lf	12,000
			Drainage: French Drains			12,000
			SITWORK			42,462
	3000.000		CONCRETE			
		3210.050	Rebar: All Types			
			Rebar - Lump Sum (tons)	1.50 ton	1,499.92 /ton	2,250
			Rebar - Lump Sum (tons)	2.77 ton	1,499.90 /ton	4,155
			Rebar: All Types			6,405
		3310.140	Conc: Footings			
			Footing Conc Contin	28.89 cy	498.00 /cy	14,387
			Footing Conc Col	21.28 cy	497.99 /cy	10,597
			Conc: Footings			24,984
		3310.160	Conc: Walls			
			Wall Conc 4000 psi	57.78 cy	595.00 /cy	34,379
			Conc: Walls			34,379
		3310.210	Conc: Slabs On Grade			
			S.O.G. Conc 4000 psi	8,000.00 sqft	7.00 /sqft	56,000
			Conc: Slabs On Grade			56,000
		3350.400	Finish: Floor Hardener			
			Floor Sealer - Hardener	8,000.00 sf	0.87 /sf	6,966
			Finish: Floor Hardener			6,966
			CONCRETE			128,734
	4000.000		MASONRY			
		4000.010	Division 4 Subcontractors			
			Brick Veneer	5,940.00 sf	32.55 /sf	193,347
			Masonry - Scaffold	6,240.00 sf	5.55 /sf	34,632
			Division 4 Subcontractors			227,979
		4220.110	Conc. Block: 8"			
			Blk 8" Standard Face	5,940.00 ea	21.53 /ea	127,859
			Conc. Block: 8"			127,859
			MASONRY			355,838
	5000.000		METALS			
		5000.010	Division 5 Subcontractors			
			Structural Roof Framing 9#/sf	36.00 ton	3,510.00 /ton	126,360
			Metal Decking Sqft	8,000.00 sf	2.00 /sf	16,000
			Division 5 Subcontractors			142,360
		5505.010	Misc: Misc Metals			
			Misc Metals	8,000.00 sf	1.50 /sf	12,000
			Misc: Misc Metals			12,000
			METALS			154,360
	6000.000		WOOD & PLASTICS			
		6117.010	Blocking: Roof Nailers			
			Roof Nail PT 2 x 6 R.L.	1,711.00 bf	6.25 /bf	10,694
			Blocking: Roof Nailers			10,694
		6117.020	Blocking: Misc.			
			Blocking 2 x 6 R.L.	1,200.00 bf	6.03 /bf	7,236
			Blocking: Misc.			7,236
			WOOD & PLASTICS			17,930
	7000.000		THERMAL & MOISTURE PROT			
		7111.010	Dampproofing: VapriBarrier			
			Cavity Insulation	5,940.00 sf	2.39 /sf	14,197
			Perma Barrier Membrane	5,940.00 sf	7.60 /sf	45,144
			Perma Barrier Membrane Edge	267.00 sf	15.65 /sf	4,179



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
			Dampproofing: VapBarrier			63,519
		7210.040	Insulation: Board			
			Expanded Polystyrene 2 " Foundation	3,120.00 sf	1.98 /sf	6,178
			Insulation: Board			6,178
		7530.010	Membrane: Elastomerc EPDM			
			EPDM .060 Thickness	8,000.00 sf	14.78 /sf	118,240
			Membrane: Elastomerc EPDM			118,240
		7710.020	Sheetmetal: Gravel Stop			
			Gravel Stop 8" High	390.00 lf	12.00 /lf	4,680
			Sheetmetal: Gravel Stop			4,680
		7810.010	Fireproofing: Spray On			
			Fireproofing Sprayed	8,000.00 sf	2.00 /sf	16,000
			Fireproofing: Spray On			16,000
		7920.010	Sealant - Jt Filler Gaskt			
			Caulk & Sealants (Our Forces)	1.00 ls	2,500.00 /ls	2,500
			Sealant - Jt Filler Gaskt			2,500
			THERMAL & MOISTURE PROT			211,117
	8000.000		DOORS & WINDOWS			
		8100.000	Doors: Metal With Frames			
			Metal Doors	8.00 ea	345.75 /ea	2,766
			Metal Frames	8.00 ea	258.50 /ea	2,068
			Doors: Metal With Frames			4,834
		8360.010	Doors: Overhead			
			Door OH Sectional Steel	2.00 ea	18,499.86 /ea	37,000
			Doors: Overhead			37,000
		8510.010	Windows: Metal			
			Aluminum Windows	240.00 sf	90.00 /sf	21,600
			Windows: Metal			21,600
		8600.000	Skylights			
			Unit Skylights	8.00 ea	3,000.00 /ea	24,000
			Skylights			24,000
		8700.000	Hardware: Finishing			
			Finishing Hardware Allowance	8.00 ea	450.25 /ea	3,602
			Panic Device	2.00 ea	888.00 /ea	1,776
			Door Closers	3.00 ea	266.25 /ea	799
			Weatherstripping	2.00 ea	225.00 /ea	450
			Hardware: Finishing			6,627
		8740.000	Hardware: Electromagnetic			
			Card Key Locking Hardware	4.00 ea	250.00 /ea	1,000
			Electromagnetic Door Holders	4.00 ea	155.00 /ea	620
			Hardware: Electromagnetic			1,620
			DOORS & WINDOWS			95,680
	9000.000		FINISHES			
		9000.010	Division 9 Subcontractors			
			Painting Walls	6,240.00 sf	0.95 /sf	5,928
			Painting Doors & Frames	8.00 ea	45.00 /ea	360
			Division 9 Subcontractors			6,288
			FINISHES			6,288
	10000.000		SPECIALTIES			
		10521.010	Fire Extinguishers Etc			
			Fire Extinguishers Wall Mounted	2.00 ea	96.23 /ea	192
			Fire Extinguishers Etc			192
			SPECIALTIES			192
	11000.000		EQUIPMENT			
		11010.030	Equip: Vacuum Systems			
			Vacuum Cleaning System Complte	0.00 ea	0.00 /ea	0
		11140.010	Equip: Vehicle Service			
			Vehicle Service Equipment	1.00 ls	100,000.00 /ls	100,000
			Fuel Dispensing Equipment	0.00 ea	0.00 /ea	0



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
			Equip: Vehicle Service			100,000
		11150.010	Equip: Parking Control			
			Parking Control Equipment	0.00 ls	0.00 /ls	0
			EQUIPMENT			100,000
	13000.000		SPECIAL CONSTRUCTION			
		13100.000	Lightning Protection			
			Lightning Protection Sub	1.00 ea	8,000.00 /ea	8,000
			Lightning Protection			8,000
		13200.000	Storage Tanks			
			Convault AG Tanks	0.00 ea	0.00 /ea	0
			SPECIAL CONSTRUCTION			8,000
	14000.000		CONVEYING SYSTEMS			
		14400.010	Lifts			
			Vehicle Lifts	2.00 ea	85,000.00 /ea	170,000
			Lifts			170,000
		14600.010	Hoists & Cranes			
			Overhead Monorail System	0.00 lf	0.00 /lf	0
			CONVEYING SYSTEMS			170,000
	15000.000		MECHANICAL			
		15300.010	Sprinkler			
			Fire Protection (Sqft)	8,000.00 sf	4.50 /sf	36,000
			Sprinkler			36,000
		15400.000	Plumbing			
			Plumbing (Sqft)	8,000.00 sf	6.75 /sf	54,000
			Plumbing			54,000
		15700.000	HVAC Systems			
			HVAC (Sqft)	8,000.00 sf	10.80 /sf	86,400
			HVAC Systems			86,400
		15900.000	Controls			
			Building Systems Control	8,000.00 sf	1.00 /sf	8,000
			Controls			8,000
			MECHANICAL			184,400
	16000.000		ELECTRICAL			
		16000.010	Electrical Complete			
			Electrical (Sqft)	8,000.00 sf	19.75 /sf	158,000
			Electrical Complete			158,000
		16200.010	Power Generation			
			Generators	0.00 ea	0.00 /ea	0
			ELECTRICAL			158,000
			4 Auto Shop			2,059,475



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
5 Storage 15000						
	1000.000		GENERAL REQUIREMENTS			
		1000.580	PROJECT SIGNS			
			Safety Signs	6.00 ea	40.00 /ea	240
			PROJECT SIGNS			240
		1720.030	Layout			
			Layout (Own Forces)	1.00 ea	2,300.00 /ea	2,300
			Layout			2,300
			GENERAL REQUIREMENTS			2,540
	2000.000		SITWORK			
		2315.021	Earthwk: Excav Foot/Misc			
			Excavate Footing By Machine	500.00 cy	30.00 /cy	15,000
			Earthwk: Excav Foot/Misc			15,000
		2315.024	Earthwk: Fine Grade			
			Fine Grade	15,000.00 sf	0.30 /sf	4,500
			Earthwk: Fine Grade			4,500
		2315.070	Backfill: Foot Wall Misc			
			Backfill Footings & Walls	364.00 cy	17.38 /cy	6,326
			Gravel at slab	333.00 cy	35.00 /cy	11,655
			Backfill: Foot Wall Misc			17,981
		2340.010	Soil Stabilze /Erosion Ctl			
			Soil Stabilize - Crush Rock	10.00 cy	35.00 /cy	350
			Siltation Fence	800.00 lf	5.00 /lf	4,000
			Hay Bales	50.00 lf	10.00 /lf	500
			Soil Stabilze /Erosion Ctl			4,850
		2620.010	Drainage: French Drains			
			French Drain 4"	550.00 lf	30.00 /lf	16,500
			Drainage: French Drains			16,500
			SITWORK			58,831
	3000.000		CONCRETE			
		3210.050	Rebar: All Types			
			Rebar - Lump Sum (tons)	3.05 ton	1,500.00 /ton	4,575
			Rebar - Lump Sum (tons)	0.60 ton	1,499.92 /ton	900
			Rebar: All Types			5,475
		3310.140	Conc: Footings			
			Footing Conc Contin	37.04 cy	498.00 /cy	18,446
			Footing Conc Col	24.89 cy	497.99 /cy	12,395
			Conc: Footings			30,841
		3310.160	Conc: Walls			
			Wall Conc 4000 psi	74.07 cy	595.00 /cy	44,072
			Conc: Walls			44,072
		3310.210	Conc: Slabs On Grade			
			S.O.G. Conc 4000 psi	15,000.00 sqft	7.00 /sqft	105,000
			Conc: Slabs On Grade			105,000
		3350.400	Finish: Floor Hardener			
			Floor Sealer - Hardener	15,000.00 sf	0.87 /sf	13,062
			Finish: Floor Hardener			13,062
			CONCRETE			198,449
	4000.000		MASONRY			
		4220.110	Conc. Block: 8"			
			Blk 8" Standard Face	1,575.00 ea	21.53 /ea	33,902
			Conc. Block: 8"			33,902
			MASONRY			33,902
	13000.000		SPECIAL CONSTRUCTION			
		13120.010	Pre-Engineered Structures			
			Pre-Engineered Building	15,000.00 sf	18.00 /sf	270,000
			Pre-Engineered Structures			270,000
			SPECIAL CONSTRUCTION			270,000
	15000.000		MECHANICAL			
		15300.010	Sprinkler			



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		15300.010	Sprinkler			
			Fire Protection (Sqft)	15,000.00 sf	4.50 /sf	67,500
			Sprinkler			67,500
			MECHANICAL			67,500
	16000.000		ELECTRICAL			
		16000.010	Electrical Complete			
			Electrical (Sqft)	15,000.00 sf	9.50 /sf	142,500
			Electrical Complete			142,500
			ELECTRICAL			142,500
			5 Storage 15000			773,722



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
6 Storage 11200						
	1000.000		GENERAL REQUIREMENTS			
		1000.580	PROJECT SIGNS			
			Safety Signs	6.00 ea	40.00 /ea	240
			PROJECT SIGNS			240
		1720.030	Layout			
			Layout (Own Forces)	1.00 ea	2,300.00 /ea	2,300
			Layout			2,300
			GENERAL REQUIREMENTS			2,540
	2000.000		SITWORK			
		2315.021	Earthwk: Excav Foot/Misc			
			Excavate Footing By Machine	436.00 cy	30.00 /cy	13,080
			Earthwk: Excav Foot/Misc			13,080
		2315.024	Earthwk: Fine Grade			
			Fine Grade	11,200.00 sf	0.30 /sf	3,360
			Earthwk: Fine Grade			3,360
		2315.070	Backfill: Foot Wall Misc			
			Backfill Footings & Walls	364.00 cy	17.38 /cy	6,326
			Gravel at slab	206.52 cy	35.00 /cy	7,228
			Backfill: Foot Wall Misc			13,555
		2340.010	Soil Stabize /Erosion Ctl			
			Soil Stabilize - Crush Rock	10.00 cy	35.00 /cy	350
			Siltation Fence	800.00 lf	5.00 /lf	4,000
			Hay Bales	50.00 lf	10.00 /lf	500
			Soil Stabize /Erosion Ctl			4,850
		2620.010	Drainage: French Drains			
			French Drain 4"	480.00 lf	30.00 /lf	14,400
			Drainage: French Drains			14,400
			SITWORK			49,244
	3000.000		CONCRETE			
		3210.050	Rebar: All Types			
			Rebar - Lump Sum (tons)	2.90 ton	1,499.92 /ton	4,350
			Rebar: All Types			4,350
		3310.140	Conc: Footings			
			Footing Conc Contin	39.00 cy	498.00 /cy	19,422
			Footing Conc Col	17.78 cy	497.99 /cy	8,854
			Conc: Footings			28,276
		3310.160	Conc: Walls			
			Wall Conc 4000 psi	161.50 cy	595.00 /cy	96,093
			Conc: Walls			96,093
		3310.210	Conc: Slabs On Grade			
			S.O.G. Conc 4000 psi	11,200.00 sqft	7.00 /sqft	78,400
			Conc: Slabs On Grade			78,400
		3350.400	Finish: Floor Hardener			
			Floor Sealer - Hardener	11,200.00 sf	0.87 /sf	9,753
			Finish: Floor Hardener			9,753
			CONCRETE			216,871
	4000.000		MASONRY			
		4220.110	Conc. Block: 8"			
			<i>Blk 8" Standard Face</i>	0.00 ea	0.00 /ea	0
	13000.000		SPECIAL CONSTRUCTION			
		13120.010	Pre-Engineered Structures			
			Pre-Engineered Building	11,200.00 sf	18.00 /sf	201,600
			Pre-Engineered Structures			201,600
			SPECIAL CONSTRUCTION			201,600
	15000.000		MECHANICAL			
		15300.010	Sprinkler			
			Fire Protection (Sqft)	11,200.00 sf	4.50 /sf	50,400
			Sprinkler			50,400



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
			MECHANICAL			50,400
	16000.000		ELECTRICAL			
		16000.010	Electrical Complete			
			Electrical (Sqft)	11,200.00 sf	9.50 /sf	106,400
			Electrical Complete			106,400
			ELECTRICAL			106,400
			6 Storage 11200			627,056



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Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
7 Site Dev						
	1730.000		DEMOLITION			
		1730.100	Demo: Subcontractors			
			Sub: Demolition	12,600.00 SF	5.00 /SF	63,000
			Demo: Subcontractors			63,000
			DEMOLITION			63,000
	2000.000		SITWORK			
		2100.000	Site Remediation			
			Excav Removal & Handling Haz Mat	1.00 Allo	10,000.00 /Allo	10,000
			Site Remediation			10,000
		2240.010	Dewater: General			
			Dewatering	1.00 ls	25,000.00 /ls	25,000
			Dewater: General			25,000
		2310.020	Earthwk: Site Grading			
			Remove Topsoil	8,157.00 cy	15.00 /cy	122,355
			Rough Grading	440,500.00 sf	0.50 /sf	220,250
			Earthwk: Site Grading			342,605
		2315.020	Earthwk: Cut & Fill Etc			
			Bulk Cut & Fill on site	16,300.00 cy	8.00 /cy	130,400
			Earthwk: Cut & Fill Etc			130,400
		2510.010	Utility Serv: Water			
			Water Line 4"	855.00 lf	100.00 /lf	85,500
			Fire Line 6"	1,113.00 lf	150.00 /lf	166,950
			Utility Serv: Water			252,450
		2540.010	Utility Serv: Septic Tank			
			Sanitary Sewers	1,190.00 lf	60.00 /lf	71,400
			Utility Serv: Septic Tank			71,400
		2630.020	Drainage: Site Structures			
			Storm Drainage System	300,000.00 sf	3.00 /sf	900,000
			Drainage: Site Structures			900,000
		2740.030	Paving: Asphalt			
			Asphalt Paving 3"	33,400.00 sy	18.00 /sy	601,200
			Base Course Compact 6" Deep	8,890.00 CY	35.00 /CY	234,150
			Paving: Asphalt			835,350
		2750.035	Paving: Concrete			
			Concrete Paving (sqft)	7,000.00 sf	7.50 /sf	52,500
			Paving: Concrete			52,500
		2760.030	Paving: Parking Lines			
			Parking Lines	300.00 ea	10.00 /ea	2,999
			Paving: Parking Lines			2,999
		2770.010	Paving: Curbs & Gutters			
			Plain Conc Curb 4000 psi	1,800.00 LF	24.00 /LF	43,200
			Paving: Curbs & Gutters			43,200
		2810.010	Improvmts: IrrigationSys			
			Lawn Sprinkler System	40,000.00 sf	0.45 /sf	18,000
			Improvmts: IrrigationSys			18,000
		2820.010	Improvmts: Fencing			
			Fence ChainLink Complete	2,633.00 lf	30.00 /lf	78,990
			Fence Ornamental Metal Complete	375.00 lf	125.00 /lf	46,875
			Improvmts: Fencing			125,865
		2840.050	Improvmts: Bollard/Rails			
			Pipe Bollard Steel Pipe 6"	36.00 ea	800.00 /ea	28,800
			Improvmts: Bollard/Rails			28,800
		2840.080	Improvmts: Parking Items			
			Site Electric	1.00 LS	150,000.00 /LS	150,000
			Improvmts: Parking Items			150,000
		2900.010	Landscape: General			
			Landscaping - Allowance	1.00 LS	100,000.00 /LS	100,000
			Landscape: General			100,000



Providence Water Supply Board
New Campus Budget
Six Buildings Plus Sitework

5/15/2013

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
			SITWORK			3,088,569
			7 Site Dev			3,151,569



Providence Water Supply Board
New Campus Budget
Six Buildings Plus Sitework

5/15/2013

Estimate Totals

Description	Amount	Totals	Rate
		32,153,719	
FF&E \$20/SF Allowance	<u>1,600,000</u>		
	1,600,000	33,753,719	
Estimating Contingency	<u>3,375,372</u>		10.00 %
	3,375,372	37,129,091	
Escalation per Year	<u>1,113,873</u>		3.00 %
	1,113,873	38,242,964	
Building Permit	<u>573,644</u>		1.50 %
	573,644	38,816,608	
G & L Insurance	<u>329,941</u>		8.50 \$ / 1,000
	329,941	39,146,549	
C.M. Fee (2.85%)	<u>1,115,677</u>		2.85 %
	1,115,677	40,262,226	
P&P Bond	<u>311,811</u>		0.73 %
	311,811	40,574,037	
Architects & Engineers Fees	2,434,442		6.00 %
Total		43,008,479	



Providence Water Supply Board
New Campus Budget
Pre-Engineered Bldg Alternate.

5/15/2013

Estimator tfxs
Job size 31600 SF
Notes Pre-Engineered Building Alternate for the Vehicles Building.



**Providence Water Supply Board
New Campus Budget
Pre-Engineered Bldg Alternate.**

5/15/2013

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
Pre-Eng. Alt.						
	2000.000		SITWORK			
		2315.021	Earthwk: Excav Foot/Misc			
			Excavate Footing By Machine	-133.00 cy	30.00 /cy	(3,990)
		2315.070	Backfill: Foot Wall Misc			
			Backfill Footings & Walls	-121.00 cy	17.38 /cy	(2,103)
	3000.000		CONCRETE			
		3310.140	Conc: Footings			
			Footing Conc Col	-22.52 cy	497.97 /cy	(11,214)
	4000.000		MASONRY			
		4000.010	Division 4 Subcontractors			
			Brick Veneer	-17,100.00 sf	32.55 /sf	(556,605)
			Masonry - Scaffold	-23,100.00 sf	5.55 /sf	(128,205)
		4220.110	Conc. Block: 8"			
			Blk 8" Standard Face	-25,987.50 ea	21.53 /ea	(559,381)
	5000.000		METALS			
		5000.010	Division 5 Subcontractors			
			Structural Roof Framing 9#/sf	-142.00 ton	3,510.00 /ton	(498,420)
			Metal Decking Sqft	-31,600.00 sf	2.00 /sf	(63,200)
	6000.000		WOOD & PLASTICS			
		6117.010	Blocking: Roof Nailers			
			Roof Nail PT 2 x 8 R.L.	-6,600.00 bf	6.25 /bf	(41,250)
	7000.000		THERMAL & MOISTURE PROT			
		7111.010	Dampproofing: VaprBarrier			
			Cavity Insulation	-17,100.00 sf	2.39 /sf	(40,869)
			Perma Barrier Membrane	-17,100.00 sf	7.60 /sf	(129,960)
			Perma Barrier Membrane Edge	-1,200.00 sf	15.65 /sf	(18,780)
		7530.010	Membrane: Elastomerc EPDM			
			EPDM .060 Thickness	-31,600.00 sf	14.78 /sf	(467,048)
		7710.020	Sheetmetal: Gravel Stop			
			Gravel Stop 8" High	-770.00 lf	12.00 /lf	(9,240)
	9000.000		FINISHES			
		9000.010	Division 9 Subcontractors			
			Painting Walls	-23,100.00 sf	0.95 /sf	(21,945)
		9910.020	Painting: Int Detailed			
			Paint Steel	12,960.00 lf	1.25 /lf	16,200
	13000.000		SPECIAL CONSTRUCTION			
		13120.010	Pre-Engineered Structures			
			Pre-Engineered Building	31,600.00 sf	28.85 /sf	911,660



Providence Water Supply Board
New Campus Budget
Pre-Engineered Bldg Alternate.

5/15/2013

Estimate Totals

Description	Amount	Totals	Rate
		(1,624,351)	
FF&E \$20/SF Allowance		(1,624,351)	
Estimating Contingency	(162,435)		10.00 %
	<u>(162,435)</u>	(1,786,786)	
Escalation per Year	(53,604)		3.00 %
	<u>(53,604)</u>	(1,840,390)	
Building Permit	(27,606)		1.50 %
	<u>(27,606)</u>	(1,867,996)	
G & L Insurance	(15,878)		8.50 \$ / 1,000
	<u>(15,878)</u>	(1,883,874)	
C.M. Fee (2.85%)	(53,690)		2.85 %
	<u>(53,690)</u>	(1,937,564)	
P&P Bond	(15,110)		0.73 %
	<u>(15,110)</u>	(1,952,674)	
Architects & Engineers Fees	(117,160)		6.00 %
Total		(2,069,834)	



Providence Water Supply Board
New Campus Budget

5/15/2013

Estimator tfxs



Providence Water Supply Board
New Campus Budget

5/15/2013

Bld Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
1 Admin Bldg		60,000 sf			
1000.103		PROJECT SUPERVISION			730,824
1000.107		MISC GENERAL EXPENSES		/mnt	9,600
1000.202		PRECONSTRUCTION SERVICES			58,750
1000.300		SUBMITTALS & CONSULTANTS			40,612
1000.400		QUALITY CONTROL			32,500
1000.510		TEMPORARY UTILITIES			134,700
1000.530		BARRIERS & ENCLOSURES			18,150
1000.540		SECURITY & SAFETY			6,300
1000.560		TEMPORARY CONTROLS			246,290
1000.580		PROJECT SIGNS			2,500
1000.590		FIELD OFFICES & STORAGE			28,850
1720.030		Layout			4,600
2315.020		Earthwk: Cut & Fill Etc			52,500
2315.021		Earthwk: Excav Foot/Misc			42,450
2315.024		Earthwk: Fine Grade			9,000
2315.070		Backfill: Foot Wall Misc			43,749
2340.010		Soil Stablze /Erosion Ctl			7,700
2620.010		Drainage: French Drains			30,000
3210.050		Rebar: All Types			16,874
3310.140		Conc: Footings			80,177
3310.160		Conc: Walls			82,110
3310.210		Conc: Slabs On Grade			204,428
3310.320		Conc: Fill Pan Stairs			3,770
3310.380		Conc: Slab On Corruform			191,286
4000.010		Division 4 Subcontractors			793,055
4220.110		Conc. Block: 8"			118,818
4423.000		Stone Granite			26,250
5000.010		Division 5 Subcontractors			1,436,250
5505.010		Misc: Misc Metals			60,000
5510.110		Stairs: Stair Parts			25,000
5720.010		Ornamental: Rail & Fence		/lf	54,986
6000.010		Division 6 Subcontractors			300,000
6117.010		Blocking: Roof Nailers			30,938
6117.020		Blocking: Misc.			45,893
7111.010		Dampproofing: VaprBarrier			197,598
7139.010		Waterproofng: Other			6,722
7210.040		Insulation: Board			12,672
7530.010		Membrane: Elastomerc EPDM			443,400
7710.020		Sheetmetal: Gravel Stop			9,600
7810.010		Fireproofing: Spray On			120,000
7920.010		Sealant - Jt Filler Gaskt			60,000
8100.000		Doors: Metal With Frames			57,925
8210.010		Doors: Wood			63,000
8360.010		Doors: Overhead			8,700
8510.010		Windows: Metal			495,000
8700.000		Hardware: Finishing			96,342
8740.000		Hardware: Electromagnetic			4,050



**Providence Water Supply Board
New Campus Budget**

5/15/2013

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
	8900.010	Glazed Curtain Walls		/sf	115,000
	9000.010	Division 9 Subcontractors			1,081,628
	10100.010	Visual Display Boards			4,799
	10160.010	Toilet Compartments			40,601
	10200.000	Louvers and Vents			4,799
	10350.000	Flagpoles			1,500
	10430.010	Signs and Letters			17,875
	10521.010	Fire Extinguishers Etc			2,030
	10800.010	Misc Toilet/Bath Equip			12,001
	11160.010	Equip: Dock			11,419
	11450.010	Equip: Residential Food			7,661
	12490.010	Window Treatments			66,000
	13100.000	Lightning Protection			35,000
	14200.010	Elevators			205,000
	15300.010	Sprinkler			282,000
	15400.000	Plumbing			1,080,000
	15700.000	HVAC Systems			2,400,000
	15900.000	Controls			510,000
	16000.010	Electrical Complete			1,860,000
	16200.010	Power Generation			75,000
		1 Admin Bldg 60,000 sf	60,000.00 sf	239.27 /sf	14,356,233
2 Vehicles Garage		31,600 sf			
	1000.103	PROJECT SUPERVISION			426,344
	1000.202	PRECONSTRUCTION SERVICES			49,390
	1000.300	SUBMITTALS & CONSULTANTS			47,536
	1000.510	TEMPORARY UTILITIES			121,850
	1000.530	BARRIERS & ENCLOSURES			19,200
	1000.540	SECURITY & SAFETY			6,300
	1000.560	TEMPORARY CONTROLS			222,260
	1000.580	PROJECT SIGNS			1,000
	1720.030	Layout			4,600
	1730.100	Demo: Subcontractors			75,000
	2315.021	Earthwk: Excav Foot/Misc			28,200
	2315.024	Earthwk: Fine Grade			9,480
	2315.070	Backfill: Foot Wall Misc			36,910
	2340.010	Soil Stablize /Erosion Ctl			7,700
	2620.010	Drainage: French Drains			24,000
	3210.050	Rebar: All Types			34,873
	3310.140	Conc: Footings			82,667
	3310.160	Conc: Walls			78,243
	3310.210	Conc: Slabs On Grade			217,651
	3350.400	Finish: Floor Hardener			27,076
	4000.010	Division 4 Subcontractors			684,810
	4220.110	Conc. Block: 8"			559,381
	5000.010	Division 5 Subcontractors			561,620
	5505.010	Misc: Misc Metals			47,400
	6117.010	Blocking: Roof Nailers			41,250



Providence Water Supply Board
New Campus Budget

5/15/2013

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
	6117.020	Blocking: Misc.			36,180
	7111.010	Dampproofing: VaprBarrier			189,609
	7210.040	Insulation: Board			12,197
	7530.010	Membrane: Elastomerc EPDM			467,048
	7710.020	Sheetmetal: Gravel Stop			9,240
	7810.010	Fireproofing: Spray On			63,200
	7920.010	Sealant - Jt Filler Gaskt			15,000
	8100.000	Doors: Metal With Frames			6,043
	8360.010	Doors: Overhead			110,999
	8510.010	Windows: Metal			63,000
	8600.000	Skylights			120,000
	8700.000	Hardware: Finishing			13,843
	8740.000	Hardware: Electromagnetic			2,430
	9000.010	Division 9 Subcontractors			22,395
	10521.010	Fire Extinguishers Etc			577
	11010.030	Equip: Vacuum Systems			40,000
	11140.010	Equip: Vehicle Service			225,000
	11150.010	Equip: Parking Control			25,000
	13100.000	Lightning Protection			35,000
	13200.000	Storage Tanks			250,000
	14400.010	Lifts			255,000
	14600.010	Hoists & Cranes			60,360
	15300.010	Sprinkler			142,200
	15400.000	Plumbing			112,180
	15700.000	HVAC Systems			126,400
	15900.000	Controls			31,600
	16000.010	Electrical Complete			624,100
	16200.010	Power Generation			75,000
		2 Vehicles Garage 31,600 sf	31,600.00 sf	207.23 /sf	6,548,341
3 Stock/Offices		20,000 sf			
	1000.510	TEMPORARY UTILITIES			6,800
	1000.530	BARRIERS & ENCLOSURES			9,700
	1000.560	TEMPORARY CONTROLS			119,776
	1000.580	PROJECT SIGNS			1,000
	1720.030	Layout			4,000
	2310.020	Earthwk: Site Grading			2,500
	2315.021	Earthwk: Excav Foot/Misc			9,600
	2315.024	Earthwk: Fine Grade			3,000
	2315.070	Backfill: Foot Wall Misc			12,723
	2340.010	Soil Stablze /Erosion Ctl			4,200
	2620.010	Drainage: French Drains			9,000
	3210.050	Rebar: All Types			16,874
	3310.140	Conc: Footings			34,859
	3310.160	Conc: Walls			65,105
	3310.210	Conc: Slabs On Grade			66,528
	3310.320	Conc: Fill Pan Stairs			2,513
	3310.380	Conc: Slab On Corruform			62,251



**Providence Water Supply Board
New Campus Budget**

5/15/2013

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
	4000.010	Division 4 Subcontractors			389,508
	4220.110	Conc. Block: 8"			165,958
	4220.120	Conc. Block: 6"		/ea	117,572
	5000.010	Division 5 Subcontractors			478,750
	5505.010	Misc: Misc Metals			30,000
	5510.110	Stairs: Stair Parts			25,000
	6000.010	Division 6 Subcontractors			75,000
	6117.010	Blocking: Roof Nailers			16,563
	6117.020	Blocking: Misc.			34,009
	7111.010	Dampproofing: VaprBarrier			87,055
	7210.040	Insulation: Board			4,752
	7530.010	Membrane: Elastomerc EPDM			147,800
	7710.020	Sheetmetal: Gravel Stop			3,600
	7810.010	Fireproofing: Spray On			40,000
	7920.010	Sealant - Jt Filler Gaskt			12,500
	8100.000	Doors: Metal With Frames			34,540
	8210.010	Doors: Wood			5,040
	8360.010	Doors: Overhead			8,700
	8510.010	Windows: Metal			121,500
	8700.000	Hardware: Finishing			31,936
	8740.000	Hardware: Electromagnetic			1,620
	8900.010	Glazed Curtain Walls		/sf	16,100
	9000.010	Division 9 Subcontractors			275,095
	10100.010	Visual Display Boards			1,560
	10160.010	Toilet Compartments			11,500
	10185.010	Shower/Dressing Compart			4,600
	10200.000	Louvers and Vents			4,799
	10430.010	Signs and Letters			4,500
	10500.010	Lockers			6,750
	10521.010	Fire Extinguishers Etc			1,218
	10600.000	Partitions			32,200
	10800.010	Misc Toilet/Bath Equip			9,001
	11160.010	Equip: Dock			9,510
	11450.010	Equip: Residential Food			5,459
	12490.010	Window Treatments			16,200
	13100.000	Lightning Protection			12,000
	15300.010	Sprinkler			90,000
	15400.000	Plumbing			320,000
	15700.000	HVAC Systems			800,000
	15900.000	Controls			170,000
	16000.010	Electrical Complete			620,000
		3 Stock/Offices 20,000 sf	20,000.00 sf	233.62 /sf	4,672,324
4 Auto Shop		8,000 sf			
	1000.103	PROJECT SUPERVISION			148,080
	1000.202	PRECONSTRUCTION SERVICES			23,670
	1000.300	SUBMITTALS & CONSULTANTS			25,284
	1000.510	TEMPORARY UTILITIES			49,100



Providence Water Supply Board
New Campus Budget

5/15/2013

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
	1000.530	BARRIERS & ENCLOSURES			12,000
	1000.540	SECURITY & SAFETY			4,200
	1000.560	TEMPORARY CONTROLS			161,600
	1000.580	PROJECT SIGNS			240
	1720.030	Layout			2,300
	2315.021	Earthwk: Excav Foot/Misc			11,700
	2315.024	Earthwk: Fine Grade			2,400
	2315.070	Backfill: Foot Wall Misc			11,512
	2340.010	Soil Stabize /Erosion Ctl			4,850
	2620.010	Drainage: French Drains			12,000
	3210.050	Rebar: All Types			6,405
	3310.140	Conc: Footings			24,984
	3310.160	Conc: Walls			34,379
	3310.210	Conc: Slabs On Grade			56,000
	3350.400	Finish: Floor Hardener			6,966
	4000.010	Division 4 Subcontractors			227,979
	4220.110	Conc. Block: 8"			143,841
	4220.120	Conc. Block: 6"		/ea	48,438
	5000.010	Division 5 Subcontractors			142,360
	5505.010	Misc: Misc Metals			12,000
	6117.010	Blocking: Roof Nailers			10,694
	6117.020	Blocking: Misc.			7,236
	7111.010	Dampproofing: VaprBarrier			63,519
	7210.040	Insulation: Board			6,178
	7530.010	Membrane: Elastomerc EPDM			118,240
	7710.020	Sheetmetal: Gravel Stop			4,680
	7810.010	Fireproofing: Spray On			16,000
	7920.010	Sealant - Jt Filler Gasket			2,500
	8100.000	Doors: Metal With Frames			8,978
	8360.010	Doors: Overhead			55,500
	8510.010	Windows: Metal			21,600
	8600.000	Skylights			24,000
	8700.000	Hardware: Finishing			11,212
	8740.000	Hardware: Electromagnetic			1,620
	9000.010	Division 9 Subcontractors			11,299
	10521.010	Fire Extinguishers Etc			192
	11010.030	Equip: Vacuum Systems			15,000
	11140.010	Equip: Vehicle Service			100,000
	13100.000	Lightning Protection			8,000
	14400.010	Lifts			170,000
	15300.010	Sprinkler			36,000
	15400.000	Plumbing			54,000
	15700.000	HVAC Systems			86,400
	15900.000	Controls			8,000
	16000.010	Electrical Complete			158,000
	16200.010	Power Generation			
		4 Auto Shop 8,000 sf	8,000.00 sf	271.39 /sf	2,171,134

5 Covered Storage

15,000 sf



**Providence Water Supply Board
New Campus Budget**

5/15/2013

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
	1000.202	PRECONSTRUCTION SERVICES			3,080
	1720.030	Layout			1,200
	2315.021	Earthwk: Excav Foot/Misc			5,250
	2315.024	Earthwk: Fine Grade			4,500
	2315.070	Backfill: Foot Wall Misc			14,696
	2340.010	Soil Stabilze /Erosion Ctl			4,850
	2620.010	Drainage: French Drains			16,500
	3210.050	Rebar: All Types			2,925
	3310.200	Conc: Piers			8,826
	3310.210	Conc: Slabs On Grade			133,664
	3350.400	Finish: Floor Hardener			13,062
	13120.010	Pre-Engineered Structures			198,750
	15300.010	Sprinkler			67,500
	16000.010	Electrical Complete			30,000
		5 Covered Storage 15,000 sf	15,000.00 sf	33.65 /sf	504,803
6 Granular Storage		11,200 sf			
	1000.202	PRECONSTRUCTION SERVICES			3,080
	1720.030	Layout			1,200
	2315.021	Earthwk: Excav Foot/Misc			5,250
	2315.024	Earthwk: Fine Grade			3,360
	2315.070	Backfill: Foot Wall Misc			10,270
	2340.010	Soil Stabilze /Erosion Ctl			4,850
	2620.010	Drainage: French Drains			14,400
	3210.050	Rebar: All Types			2,475
	3310.200	Conc: Piers			8,826
	3310.210	Conc: Slabs On Grade			101,556
	3350.400	Finish: Floor Hardener			9,753
	3400.100	Precast Concrete			25,000
	13120.010	Pre-Engineered Structures			148,400
	15300.010	Sprinkler			50,400
	16000.010	Electrical Complete			22,400
		6 Granular Storage 11,200 sf	11,200.00 sf	36.72 /sf	411,219
7 Site Development		440,500 sf			
	1730.100	Demo: Subcontractors			63,000
	2100.000	Site Remediation			10,000
	2240.010	Dewater: General			25,000
	2310.020	Earthwk: Site Grading			342,605
	2315.020	Earthwk: Cut & Fill Etc			130,400
	2510.010	Utility Serv: Water			252,450
	2540.010	Utility Serv: Septic Tank			71,400
	2630.020	Drainage: Site Structures			900,000
	2740.030	Paving: Asphalt			835,350
	2750.035	Paving: Concrete			52,500
	2760.030	Paving: Parking Lines			2,999
	2770.010	Paving: Curbs & Gutters			43,200



**Providence Water Supply Board
New Campus Budget**

5/15/2013

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
	2810.010	Improvmts: IrrigationSys			18,000
	2820.010	Improvmts: Fencing			125,865
	2840.050	Improvmts: Bollard/Rails			28,800
	2840.080	Improvmts: Parking Items			150,000
	2900.010	Landscape: General			100,000
		7 Site Development 440,500 sf	440,500.00 sf	7.16 /sf	3,151,569

Estimate Totals

Description	Amount	Totals	Rate
		31,815,623	
FF&E Allowance	<u>1,000,000</u>	1,000,000	
		32,815,623	
Estimating Contingency	<u>3,281,562</u>	3,281,562	10.00 %
		36,097,185	
Building Permit	<u>541,458</u>	541,458	1.50 %
		36,638,643	
G & L Insurance	<u>311,428</u>	311,428	8.50 \$ / 1,000
		36,950,071	
C.M. Fee (2.85%)	<u>1,053,077</u>	1,053,077	2.85 %
		38,003,148	
P&P Bond	<u>294,316</u>	294,316	0.73 %
		38,297,464	
Architects & Engineers Fees	2,297,848		6.00 %
Total		40,595,312	



Providence Water Supply Board
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Estimator tfx



**Providence Water Supply Board
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Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
1 Admin Bldg		60,000 sf			
	1000.103	PROJECT SUPERVISION			
		Project Executive 1 day a week	54.00 wk	1,128.00 /wk	60,912
		Project Manager	54.00 wk	3,584.00 /wk	193,536
		Project Engineer	54.00 wk	2,400.00 /wk	129,600
		Purchasing Agent	6.00 wk	3,560.00 /wk	21,360
		Purchasing Secretary Half time	6.00 wk	560.00 /wk	3,360
		Safety Officer 1 day a week	54.00 wk	548.00 /wk	29,592
		Administrative Assistant (on-site)	54.00 wk	1,400.00 /wk	75,600
		Project Superintendent	54.00 wk	3,280.00 /wk	177,120
		Cost Control Management 2 days a week	54.00 wk	736.00 /wk	39,744
		PROJECT SUPERVISION			730,824
	1000.107	MISC GENERAL EXPENSES			
		Small Tools	12.00 mnth	275.00 /mnth	3,300
		Expendable Tools	12.00 mnth	125.00 /mnth	1,500
		Consumable Supplies	12.00 mnth	200.00 /mnth	2,400
		Water, Ice and Cups	12.00 mnth	200.00 /mnth	2,400
		MISC GENERAL EXPENSES		/mnth	9,600
	1000.202	PRECONSTRUCTION SERVICES			
		Project Executive	70.00 mh	141.00 /mh	9,870
		Senior Estimator / Planner	240.00 mh	101.00 /mh	24,240
		Mech / Elec Coordinator	120.00 mh	91.50 /mh	10,980
		Site Coordinator	80.00 mh	77.00 /mh	6,160
		Reimbursable Expenses Allowance	1.00 lsum	7,500.00 /lsum	7,500
		PRECONSTRUCTION SERVICES			58,750
	1000.300	SUBMITTALS & CONSULTANTS			
		Construction Schedule	12.00 ea	576.00 /ea	6,912
		Drawing / Document Reproduction	100.00 set	250.00 /set	25,000
		As Built Documentation	1.00 lsum	7,500.00 /lsum	7,500
		Job Photographs	12.00 mnth	100.00 /mnth	1,200
		SUBMITTALS & CONSULTANTS			40,612
	1000.400	QUALITY CONTROL			
		Testing and Inspection	1.00 lsum	25,000.00 /lsum	25,000
		Mock-ups	1.00 lsum	7,500.00 /lsum	7,500
		QUALITY CONTROL			32,500
	1000.510	TEMPORARY UTILITIES			
		Temporary Electric Power Consumption	12.00 mnth	2,500.00 /mnth	30,000
		Temporary Heating System	4.00 mnth	5,000.00 /mnth	20,000
		Temporary Heat - Fuel Consumption	4.00 mnth	15,000.00 /mnth	60,000
		Telephone Connection Cost	1.00 lsum	2,500.00 /lsum	2,500
		Telephone Usage Charge	12.00 mnth	1,000.00 /mnth	12,000
		Temporary Water Service	1.00 lsum	1,000.00 /lsum	1,000
		Temporary Water Usage Charge	12.00 mnth	200.00 /mnth	2,400
		Temporary Toilets	12.00 mnth	450.00 /mnth	5,400
		Fire Extinguishers	8.00 ea	175.00 /ea	1,400
		TEMPORARY UTILITIES			134,700
	1000.530	BARRIERS & ENCLOSURES			
		Barricades	150.00 lf	25.00 /lf	3,750
		Temporary Fence	1,200.00 lf	12.00 /lf	14,400



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Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		BARRIERS & ENCLOSURES			18,150
1000.540		SECURITY & SAFETY			
		Personal Protection Equipment	12.00 mnth	125.00 /mnth	1,500
		Safety Supplies	12.00 mnth	150.00 /mnth	1,800
		First Aid Supplies	12.00 mnth	250.00 /mnth	3,000
		SECURITY & SAFETY			6,300
1000.560		TEMPORARY CONTROLS			
		Daily Housekeeping	52.00 wk	2,720.00 /wk	141,440
		Rubbish / Dumpster Pulls	36.00 load	600.00 /load	21,600
		Final Cleanup (Sub)	60,000.00 sf	0.55 /sf	33,000
		Snow Removal	7.00 strm	750.00 /strm	5,250
		Weather Protection	6.00 mnth	7,500.00 /mnth	45,000
		TEMPORARY CONTROLS			246,290
1000.580		PROJECT SIGNS			
		Project Signs	1.00 ea	1,500.00 /ea	1,500
		Safety Signs	25.00 ea	40.00 /ea	1,000
		PROJECT SIGNS			2,500
1000.590		FIELD OFFICES & STORAGE			
		Office Trailer Set-up	2.00 ea	3,000.00 /ea	6,000
		Office Trailer Lease (GC)	12.00 mnth	950.00 /mnth	11,400
		Copy Machine	12.00 mnth	250.00 /mnth	3,000
		Fax Machine, Purchase	1.00 ea	550.00 /ea	550
		Computer, Hardware and Software	1.00 ea	2,500.00 /ea	2,500
		Office Supplies	12.00 mnth	250.00 /mnth	3,000
		Postage and Express Mail	12.00 mnth	200.00 /mnth	2,400
		FIELD OFFICES & STORAGE			28,850
1720.030		Layout			
		Layout (Own Forces)	1.00 ea	4,600.00 /ea	4,600
		Layout			4,600
2315.020		Earthwk: Cut & Fill Etc			
		Gravel Borrow	1,500.00 cy	35.00 /cy	52,500
		Earthwk: Cut & Fill Etc			52,500
2315.021		Earthwk: Excav Foot/Misc			
		Excavate Footing By Machine	1,415.00 cy	30.00 /cy	42,450
		Earthwk: Excav Foot/Misc			42,450
2315.024		Earthwk: Fine Grade			
		Fine Grade	30,000.00 sf	0.30 /sf	9,000
		Earthwk: Fine Grade			9,000
2315.070		Backfill: Foot Wall Misc			
		Backfill Footings & Walls	1,176.00 cy	17.38 /cy	20,439
		Gravel at slab	666.00 cy	35.00 /cy	23,310
		Backfill: Foot Wall Misc			43,749
2340.010		Soil Stabilize /Erosion Ctl			
		Soil Stabilize - Crush Rock	20.00 cy	35.00 /cy	700



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Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
2340.010		Soil Stabilize /Erosion Ctl			
		Siltation Fence	1,200.00 lf	5.00 /lf	6,000
		Hay Baies	100.00 lf	10.00 /lf	1,000
		Soil Stabilize /Erosion Ctl			7,700
2620.010		Drainage: French Drains			
		French Drain 4"	1,000.00 lf	30.00 /lf	30,000
		Drainage: French Drains			30,000
3210.050		Rebar: All Types			
		Rebar - Lump Sum (tons)	11.25 ton	1,499.94 /ton	16,874
		Rebar: All Types			16,874
3310.140		Conc: Footings			
		Footing Conc Contin	97.00 cy	498.00 /cy	48,306
		Footing Conc Col and Pit	64.00 cy	497.99 /cy	31,871
		Conc: Footings			80,177
3310.160		Conc: Walls			
		Wall Conc 4000 psi	138.00 cy	595.00 /cy	82,110
		Conc: Walls			82,110
3310.210		Conc: Slabs On Grade			
		S.O.G. Conc 4000 psi	29,204.00 sqft	7.00 /sqft	204,428
		Conc: Slabs On Grade			204,428
3310.320		Conc: Fill Pan Stairs			
		Fill Pan Stairs 3000 psi	6.00 cy	628.30 /cy	3,770
		Conc: Fill Pan Stairs			3,770
3310.380		Conc: Slab On Corruform			
		Conc @ Corruform 4000 psi	29,204.00 sqft	6.55 /sqft	191,286
		Conc: Slab On Corruform			191,286
4000.010		Division 4 Subcontractors			
		Brick Veneer	11,100.00 sf	32.55 /sf	361,305
		Cast Stone	1,000.00 cf	55.00 /cf	55,000
		Lime Stone	1,600.00 cf	125.00 /cf	200,000
		Masonry - Weather Prot & Temp Heat	17,500.00 sf	4.55 /sf	79,625
		Masonry - Scaffold	17,500.00 sf	5.55 /sf	97,125
		Division 4 Subcontractors			793,055
4220.110		Conc. Block: 8"			
		Blk 8" Standard Face	5,520.00 ea	21.53 /ea	118,818
		Conc. Block: 8"			118,818
4423.000		Stone Granite			
		Granite Floor Tile	750.00 sf	35.00 /sf	26,250
		Stone Granite			26,250
5000.010		Division 5 Subcontractors			
		Structural Floor Framing 17#/sf	255.00 ton	3,510.00 /ton	895,050
		Structural Roof Framing 8#/sf	120.00 ton	3,510.00 /ton	421,200
		Metal Decking Sqft	60,000.00 sf	2.00 /sf	120,000



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Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		Division 5 Subcontractors			1,436,250
5505.010		Misc: Misc Metals Misc Metals Misc: Misc Metals	60,000.00 sf	1.00 /sf	<u>60,000</u> 60,000
5510.110		Stairs: Stair Parts Steel Stairs Stairs: Stair Parts	2.00 ft	12,500.00 /ft	<u>25,000</u> 25,000
5720.010		Ornamental: Rail & Fence Ornamental Stair and Railing Ornamental: Rail & Fence	1.00 lsum	54,986.00 /lsum /lf	<u>54,986</u> 54,986
6000.010		Division 6 Subcontractors Millwork - Allowance Division 6 Subcontractors	1.00 ls	300,000.00 /ls	<u>300,000</u> 300,000
6117.010		Blocking: Roof Nailers Roof Nail PT 2 x 6 R.L. Blocking: Roof Nailers	4,950.00 bf	6.25 /bf	<u>30,938</u> 30,938
6117.020		Blocking: Misc. Misc Safety Railings Blocking 2 x 6 R.L. Blocking: Misc.	488.00 lf 5,000.00 bf	32.26 /lf 6.03 /bf	<u>15,743</u> <u>30,150</u> 45,893
7111.010		Dampproofing: VaprBarrier Cavity Insulation Perma Barrier Membrane Perma Barrier Membrane Edge Dampproofing: VaprBarrier	13,200.00 sf 13,200.00 sf 4,200.00 sf	2.39 /sf 7.60 /sf 15.65 /sf	<u>31,548</u> <u>100,320</u> <u>65,730</u> 197,598
7139.010		Waterproofng: Other Waterproof Iron Compound Waterproofng: Other	520.00 sf	12.93 /sf	<u>6,722</u> 6,722
7210.040		Insulation: Board Expanded Polystyrene 2 " Foundation Insulation: Board	6,400.00 sf	1.98 /sf	<u>12,672</u> 12,672
7530.010		Membrane: Elastomerc EPDM EPDM .060 Thickness Membrane: Elastomerc EPDM	30,000.00 sf	14.78 /sf	<u>443,400</u> 443,400
7710.020		Sheetmetal: Gravel Stop Gravel Stop 8" High Sheetmetal: Gravel Stop	800.00 lf	12.00 /lf	<u>9,600</u> 9,600
7810.010		Fireproofing: Spray On Fireproofing Sprayed Fireproofing: Spray On	60,000.00 sf	2.00 /sf	<u>120,000</u> 120,000



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Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
7920.010		Sealant - Jt Filler Gaskt			
		Caulk & Sealants	1.00 ls	60,000.00 /ls	<u>60,000</u>
		Sealant - Jt Filler Gaskt			60,000
8100.000		Doors: Metal With Frames			
		Metal Doors	25.00 ea	481.00 /ea	12,025
		Metal Frames	150.00 ea	306.00 /ea	<u>45,900</u>
		Doors: Metal With Frames			57,925
8210.010		Doors: Wood			
		Oak Solid Core	125.00 ea	504.00 /ea	<u>63,000</u>
		Doors: Wood			63,000
8360.010		Doors: Overhead			
		Door OH Sectional Steel	1.00 ea	8,700.00 /ea	<u>8,700</u>
		Doors: Overhead			8,700
8510.010		Windows: Metal			
		Aluminum Windows	5,500.00 sf	90.00 /sf	<u>495,000</u>
		Windows: Metal			495,000
8700.000		Hardware: Finishing			
		Finishing Hardware Allowance	150.00 ea	450.25 /ea	67,538
		Panic Device	12.00 ea	888.00 /ea	10,656
		Door Closers	40.00 ea	266.25 /ea	10,650
		Weatherstripping	4.00 ea	225.00 /ea	900
		Automatic Door Operators	2.00 ea	3,299.36 /ea	<u>6,599</u>
		Hardware: Finishing			96,342
8740.000		Hardware: Electromagnetic			
		Card Key Locking Hardware	10.00 ea	250.00 /ea	2,500
		Electromagnetic Door Holders	10.00 ea	155.00 /ea	<u>1,550</u>
		Hardware: Electromagnetic			4,050
8900.010		Glazed Curtain Walls			
		Aluminum Curtain Wall and Entrances	1,000.00 sf	115.00 /sf	<u>115,000</u>
		Glazed Curtain Walls		/sf	115,000
9000.010		Division 9 Subcontractors			
		Drywall Int Parts	23,986.60 sf	10.36 /sf	248,501
		Drywall Ext Parts	19,200.00 sf	15.06 /sf	289,152
		Ceramic Tile Floor	1,023.00 sf	14.00 /sf	14,322
		Ceramic Tile Walls	1,460.00 sf	12.75 /sf	18,615
		Acoustical Ceilings	56,308.00 ls	4.10 /ls	230,863
		Vinyl Base	5,600.00 lf	2.25 /lf	12,600
		Radial Rubber Tile	900.00 sf	9.00 /sf	8,100
		Resil Safety Tread	160.00 lf	12.00 /lf	1,920
		Resil Stair Riser & Stringer	115.00 lf	3.35 /lf	385
		Carpet	6,142.00 sy	30.00 /sy	184,260
		Painting Walls	50,400.00 sf	0.90 /sf	45,360
		Painting Soffits	2,000.00 sf	0.85 /sf	1,700
		Painting Doors & Frames	150.00 ea	45.00 /ea	6,750
		Drywall Soffits	2,000.00 sf	9.55 /sf	<u>19,100</u>



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Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
Division 9 Subcontractors					1,081,628
10100.010		Visual Display Boards Operable Markerboards Visual Display Boards	4.00 ea	1,199.76 /ea	<u>4,799</u> 4,799
10160.010		Toilet Compartments Toilet Compartments - phenolic Urinal Screens Toilet Compartments	32.00 ea 12.00 ea	1,100.00 /ea 450.04 /ea	<u>35,200</u> <u>5,400</u> 40,601
10200.000		Louvers and Vents Wall Louver: Stationary Louvers and Vents	4.00 ea	1,199.76 /ea	<u>4,799</u> 4,799
10350.000		Flagpoles Flagpole Flagpoles	1.00 ea	1,499.94 /ea	<u>1,500</u> 1,500
10430.010		Signs and Letters Exterior Dimensional Letters Interior Door Signage Signs and Letters	1.00 ls 175.00 ea	10,000.00 /ls 45.00 /ea	<u>10,000</u> <u>7,875</u> 17,875
10521.010		Fire Extinguishers Etc Fire Extinguishers Fire Ext Cabinet Fire Extinguishers Etc	10.00 ea 10.00 ea	77.00 /ea 126.00 /ea	<u>770</u> <u>1,260</u> 2,030
10800.010		Misc Toilet/Bath Equip Toilet Accessories Misc Toilet/Bath Equip	8.00 rm	1,500.10 /rm	<u>12,001</u> 12,001
11160.010		Equip: Dock Dock Leveler Dock Bumpers Dock Seals Equip: Dock	1.00 ea 2.00 ea 38.00 lf	9,249.99 /ea 129.99 /ea 50.25 /lf	<u>9,250</u> <u>260</u> <u>1,910</u> 11,419
11450.010		Equip: Residential Food Refrigerator Compactor Residential Size Microwave Equip: Residential Food	3.00 ea 3.00 ea 3.00 ea	1,625.00 /ea 734.00 /ea 194.83 /ea	<u>4,875</u> <u>2,202</u> <u>584</u> 7,661
12490.010		Window Treatments Blinds Window Treatments	5,500.00 sf	12.00 /sf	<u>66,000</u> 66,000
13100.000		Lightning Protection Lightning Protection Sub Lightning Protection	1.00 ls	35,000.00 /ls	<u>35,000</u> 35,000



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Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
14200.010		Elevators			
		Elevator Hydraulic	1.00 ea	85,000.08 /ea	85,000
		Elevator Freight Hydraulic	1.00 ea	120,000.08 /ea	120,000
		Elevators			205,000
15300.010		Sprinkler			
		Fire Protection (Sqft)	60,000.00 sf	4.50 /sf	270,000
		Pre-Action Sprinkler Systems	600.00 sf	20.00 /sf	12,000
		Sprinkler			282,000
15400.000		Plumbing			
		Plumbing (Sqft)	60,000.00 sf	18.00 /sf	1,080,000
		Plumbing			1,080,000
15700.000		HVAC Systems			
		HVAC (Sqft)	60,000.00 sf	40.00 /sf	2,400,000
		HVAC Systems			2,400,000
15900.000		Controls			
		Controls (Lump Sum)	60,000.00 sf	8.50 /sf	510,000
		Controls			510,000
16000.010		Electrical Complete			
		Electrical (Sqft)	60,000.00 sf	31.00 /sf	1,860,000
		Electrical Complete			1,860,000
16200.010		Power Generation			
		Generators	1.00 ea	75,000.00 /ea	75,000
		Power Generation			75,000
		1 Admin Bldg 60,000 sf	60,000.00 sf	239.27 /sf	14,356,233
2 Vehicles Garage					
		31,600 sf			
1000.103		PROJECT SUPERVISION			
		Assistant Project Manager	52.00 wk	2,760.00 /wk	143,520
		Project Engineer Half Time	52.00 wk	1,200.00 /wk	62,400
		Purchasing Agent	4.00 wk	3,560.00 /wk	14,240
		Purchasing Secretary Half time	4.00 wk	560.00 /wk	2,240
		Safety Officer Half Day a week'	52.00 wk	274.00 /wk	14,248
		Project Superintendent	52.00 wk	3,280.00 /wk	170,560
		Cost Control Management 1 days a week	52.00 wk	368.00 /wk	19,136
		PROJECT SUPERVISION			426,344
1000.202		PRECONSTRUCTION SERVICES			
		Project Executive	50.00 mh	141.00 /mh	7,050
		Senior Estimator / Planner	200.00 mh	101.00 /mh	20,200
		Mech / Elec Coordinator	120.00 mh	91.50 /mh	10,980
		Site Coordinator	80.00 mh	77.00 /mh	6,160
		Reimbursable Expenses Allowance	1.00 lsum	5,000.00 /lsum	5,000
		PRECONSTRUCTION SERVICES			49,390
1000.300		SUBMITTALS & CONSULTANTS			
		Construction Schedule	11.00 ea	576.00 /ea	6,336
		Drawing / Document Reproduction	100.00 set	250.00 /set	25,000



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Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
1000.300		SUBMITTALS & CONSULTANTS			
		As Built Documentation	1.00 lsum	7,500.00 /lsum	7,500
		As Built Documentation	1.00 lsum	7,500.00 /lsum	7,500
		Job Photographs	12.00 mnth	100.00 /mnth	1,200
		SUBMITTALS & CONSULTANTS			47,536
1000.510		TEMPORARY UTILITIES			
		Temporary Electric Power Consumption	12.00 mnth	1,750.00 /mnth	21,000
		Temporary Heating System	4.00 mnth	5,000.00 /mnth	20,000
		Temporary Heat - Fuel Consumption	4.00 mnth	15,000.00 /mnth	60,000
		Telephone Usage Charge	12.00 mnth	1,000.00 /mnth	12,000
		Temporary Water Usage Charge	12.00 mnth	200.00 /mnth	2,400
		Temporary Toilets	12.00 mnth	450.00 /mnth	5,400
		Fire Extinguishers	6.00 ea	175.00 /ea	1,050
		TEMPORARY UTILITIES			121,850
1000.530		BARRIERS & ENCLOSURES			
		Temporary Fence	1,600.00 lf	12.00 /lf	19,200
		BARRIERS & ENCLOSURES			19,200
1000.540		SECURITY & SAFETY			
		Personal Protection Equipment	12.00 mnth	125.00 /mnth	1,500
		Safety Supplies	12.00 mnth	150.00 /mnth	1,800
		First Aid Supplies	12.00 mnth	250.00 /mnth	3,000
		SECURITY & SAFETY			6,300
1000.560		TEMPORARY CONTROLS			
		Daily Housekeeping	52.00 wk	2,720.00 /wk	141,440
		Rubbish / Dumpster Pulls	36.00 load	600.00 /load	21,600
		Final Cleanup (Sub)	31,600.00 sf	0.45 /sf	14,220
		Weather Protection	6.00 mnth	7,500.00 /mnth	45,000
		TEMPORARY CONTROLS			222,260
1000.580		PROJECT SIGNS			
		Safety Signs	25.00 ea	40.00 /ea	1,000
		PROJECT SIGNS			1,000
1720.030		Layout			
		Layout (Own Forces)	1.00 ea	4,600.00 /ea	4,600
		Layout			4,600
1730.100		Demo: Subcontractors			
		Sub: Demolition	1.00 ls	75,000.00 /ls	75,000
		Demo: Subcontractors			75,000
2315.021		Earthwk: Excav Foot/Misc			
		Excavate Footing By Machine	940.00 cy	30.00 /cy	28,200
		Earthwk: Excav Foot/Misc			28,200
2315.024		Earthwk: Fine Grade			
		Fine Grade	31,600.00 sf	0.30 /sf	9,480
		Earthwk: Fine Grade			9,480
2315.070		Backfill: Foot Wall Misc			



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Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
2315.070		Backfill: Foot Wall Misc			
		Backfill Footings & Walls	710.00 cy	17.38 /cy	12,340
		Gravel at slab	702.00 cy	35.00 /cy	24,570
		Backfill: Foot Wall Misc			36,910
2340.010		Soil Stabilize /Erosion Ctl			
		Soil Stabilize - Crush Rock	20.00 cy	35.00 /cy	700
		Siltation Fence	1,200.00 lf	5.00 /lf	6,000
		Hay Bales	100.00 lf	10.00 /lf	1,000
		Soil Stabilize /Erosion Ctl			7,700
2620.010		Drainage: French Drains			
		French Drain 4"	800.00 lf	30.00 /lf	24,000
		Drainage: French Drains			24,000
3210.050		Rebar: All Types			
		Rebar - Lump Sum (tons)	12.00 ton	1,499.92 /ton	17,999
		Rebar - Lump Sum (tons)	11.25 ton	1,499.94 /ton	16,874
		Rebar: All Types			34,873
3310.140		Conc: Footings			
		Footing Conc Contin	105.00 cy	498.00 /cy	52,290
		Footing Conc Col and Pit	61.00 cy	497.99 /cy	30,377
		Conc: Footings			82,667
3310.160		Conc: Walls			
		Wall Conc 4000 psi	131.50 cy	595.00 /cy	78,243
		Conc: Walls			78,243
3310.210		Conc: Slabs On Grade			
		S.O.G. Conc 4000 psi	31,093.00 sqft	7.00 /sqft	217,651
		Conc: Slabs On Grade			217,651
3350.400		Finish: Floor Hardener			
		Floor Sealer - Hardener	31,093.00 sf	0.87 /sf	27,076
		Finish: Floor Hardener			27,076
4000.010		Division 4 Subcontractors			
		Brick Veneer	17,100.00 sf	32.55 /sf	556,605
		Masonry - Scaffold	23,100.00 sf	5.55 /sf	128,205
		Division 4 Subcontractors			684,810
4220.110		Conc. Block: 8"			
		Blk 8" Standard Face	25,987.50 ea	21.53 /ea	559,381
		Conc. Block: 8"			559,381
5000.010		Division 5 Subcontractors			
		Structural Roof Framing 9#/sf	142.00 ton	3,510.00 /ton	498,420
		Metal Decking Sqft	31,600.00 sf	2.00 /sf	63,200
		Division 5 Subcontractors			561,620
5505.010		Misc: Misc Metals			
		Misc Metals	31,600.00 sf	1.50 /sf	47,400



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Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		Misc: Misc Metals			47,400
6117.010		Blocking: Roof Nailers Roof Nail PT 2 x 6 R.L. Blocking: Roof Nailers	6,600.00 bf	6.25 /bf	<u>41,250</u> 41,250
6117.020		Blocking: Misc. Blocking 2 x 6 R.L. Blocking: Misc.	6,000.00 bf	6.03 /bf	<u>36,180</u> 36,180
7111.010		Dampproofing: VaprBarrier Cavity Insulation Perma Barrier Membrane Perma Barrier Membrane Edge Dampproofing: VaprBarrier	17,100.00 sf 17,100.00 sf 1,200.00 sf	2.39 /sf 7.60 /sf 15.65 /sf	40,869 129,960 <u>18,780</u> 189,609
7210.040		Insulation: Board Expanded Polystyrene 2 " Foundation Insulation: Board	6,160.00 sf	1.98 /sf	<u>12,197</u> 12,197
7530.010		Membrane: Elastomerc EPDM EPDM .060 Thickness Membrane: Elastomerc EPDM	31,600.00 sf	14.78 /sf	<u>467,048</u> 467,048
7710.020		Sheetmetal: Gravel Stop Gravel Stop 8" High Sheetmetal: Gravel Stop	770.00 lf	12.00 /lf	<u>9,240</u> 9,240
7810.010		Fireproofing: Spray On Fireproofing Sprayed Fireproofing: Spray On	31,800.00 sf	2.00 /sf	<u>63,200</u> 63,200
7920.010		Sealant - Jt Filler Gaskt Caulk & Sealants (Our Forces) Sealant - Jt Filler Gaskt	1.00 ls	15,000.00 /ls	<u>15,000</u> 15,000
8100.000		Doors: Metal With Frames Metal Doors Metal Frames Doors: Metal With Frames	10.00 ea 10.00 ea	345.75 /ea 258.50 /ea	3,458 <u>2,585</u> 6,043
8360.010		Doors: Overhead Door OH Sectional Steel Doors: Overhead	6.00 ea	18,499.85 /ea	<u>110,999</u> 110,999
8510.010		Windows: Metal Aluminum Windows Windows: Metal	700.00 sf	90.00 /sf	<u>63,000</u> 63,000
8600.000		Skylights Unit Skylights Skylights	40.00 ea	3,000.00 /ea	<u>120,000</u> 120,000



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Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
8700.000		Hardware: Finishing			
		Finishing Hardware Allowance	10.00 ea	450.25 /ea	4,503
		Panic Device	6.00 ea	888.00 /ea	5,328
		Door Closers	10.00 ea	266.25 /ea	2,663
		Weatherstripping	6.00 ea	225.00 /ea	1,350
		Hardware: Finishing			<u>13,843</u>
8740.000		Hardware: Electromagnetic			
		Card Key Locking Hardware	6.00 ea	250.00 /ea	1,500
		Electromagnetic Door Holders	6.00 ea	155.00 /ea	930
		Hardware: Electromagnetic			<u>2,430</u>
9000.010		Division 9 Subcontractors			
		Painting Walls	23,100.00 sf	0.95 /sf	21,945
		Painting Doors & Frames	10.00 ea	45.00 /ea	450
		Division 9 Subcontractors			<u>22,395</u>
10521.010		Fire Extinguishers Etc			
		Fire Extinguishers Wall Mounted	6.00 ea	96.23 /ea	577
		Fire Extinguishers Etc			<u>577</u>
11010.030		Equip: Vacuum Systems			
		Exhaust Evac System	1.00 ea	40,000.00 /ea	40,000
		Equip: Vacuum Systems			<u>40,000</u>
11140.010		Equip: Vehicle Service			
		Vehicle Service Equipment	1.00 ls	150,000.00 /ls	150,000
		Fuel Dispensing Equipment	3.00 ea	25,000.00 /ea	75,000
		Equip: Vehicle Service			<u>225,000</u>
11150.010		Equip: Parking Control			
		Parking Control Equipment	1.00 ls	25,000.00 /ls	25,000
		Equip: Parking Control			<u>25,000</u>
13100.000		Lightning Protection			
		Lightning Protection Sub	1.00 ea	35,000.00 /ea	35,000
		Lightning Protection			<u>35,000</u>
13200.000		Storage Tanks			
		Convault AG Tanks	2.00 ea	125,000.00 /ea	250,000
		Storage Tanks			<u>250,000</u>
14400.010		Lifts			
		Vehicle Lifts	3.00 ea	85,000.00 /ea	255,000
		Lifts			<u>255,000</u>
14600.010		Hoists & Cranes			
		Overhead Monorail System	200.00 lf	301.80 /lf	60,360
		Hoists & Cranes			<u>60,360</u>
15300.010		Sprinkler			
		Fire Protection (Sqft)	31,600.00 sf	4.50 /sf	142,200



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Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		Sprinkler			142,200
15400.000	Plumbing	Plumbing (Sqft)	31,600.00 sf	3.55 /sf	112,180
		Plumbing			112,180
15700.000	HVAC Systems	HVAC (Sqft)	31,600.00 sf	4.00 /sf	126,400
		HVAC Systems			126,400
15900.000	Controls	Building Systems Control	31,600.00 sf	1.00 /sf	31,600
		Controls			31,600
16000.010	Electrical Complete	Electrical (Sqft)	31,600.00 sf	19.75 /sf	624,100
		Electrical Complete			624,100
16200.010	Power Generation	Generators	1.00 ea	75,000.00 /ea	75,000
		Power Generation			75,000
		2 Vehicles Garage 31,600 sf	31,600.00 sf	207.23 /sf	6,548,341
3 Stock/Offices		20,000 sf			
1000.510	TEMPORARY UTILITIES	Temporary Toilets	12.00 mnth	450.00 /mnth	5,400
		Fire Extinguishers	8.00 ea	175.00 /ea	1,400
		TEMPORARY UTILITIES			6,800
1000.530	BARRIERS & ENCLOSURES	Barricades	100.00 lf	25.00 /lf	2,500
		Temporary Fence	600.00 lf	12.00 /lf	7,200
		BARRIERS & ENCLOSURES			9,700
1000.560	TEMPORARY CONTROLS	Daily Housekeeping 2 days a week	52.00 wk	1,088.00 /wk	56,576
		Rubbish / Dumpster Pulls	12.00 load	600.00 /load	7,200
		Final Cleanup (Sub)	20,000.00 sf	0.55 /sf	11,000
		Weather Protection	6.00 mnth	7,500.00 /mnth	45,000
		TEMPORARY CONTROLS			119,776
1000.580	PROJECT SIGNS	Safety Signs	25.00 ea	40.00 /ea	1,000
		PROJECT SIGNS			1,000
1720.030	Layout	Layout (Own Forces)	1.00 ea	4,000.00 /ea	4,000
		Layout			4,000
2310.020	Earthwk: Site Grading	Rough Grading	10,000.00 sf	0.25 /sf	2,500



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		Earthwkw: Site Grading			2,500
2315.021		Earthwkw: Excav Foot/Misc Excavate Footing By Machine	320.00 cy	30.00 /cy	<u>9,600</u>
		Earthwkw: Excav Foot/Misc			9,600
2315.024		Earthwkw: Fine Grade Fine Grade	10,000.00 sf	0.30 /sf	<u>3,000</u>
		Earthwkw: Fine Grade			3,000
2315.070		Backfill: Foot Wall Misc Backfill Footings & Walls	285.00 cy	17.38 /cy	4,953
		Gravel at slab	222.00 cy	35.00 /cy	<u>7,770</u>
		Backfill: Foot Wall Misc			12,723
2340.010		Soil Stabilze /Erosion Ctl Soil Stabilize - Crush Rock	20.00 cy	35.00 /cy	700
		Siltation Fence	600.00 lf	5.00 /lf	3,000
		Hay Bales	50.00 lf	10.00 /lf	500
		Soil Stabilze /Erosion Ctl			<u>4,200</u>
2620.010		Drainage: French Drains French Drain 4"	300.00 lf	30.00 /lf	<u>9,000</u>
		Drainage: French Drains			9,000
3210.050		Rebar: All Types Rebar - Lump Sum (tons)	11.25 ton	1,499.94 /ton	<u>16,874</u>
		Rebar: All Types			16,874
3310.140		Conc: Footings Footing Conc Col	34.00 cy	497.99 /cy	16,932
		Footing Conc Contin	36.00 cy	498.00 /cy	<u>17,928</u>
		Conc: Footings			34,859
3310.160		Conc: Walls Wall Conc 4000 psi	59.00 cy	595.00 /cy	35,105
		Loading Dock	600.00 sf	50.00 /sf	<u>30,000</u>
		Conc: Walls			65,105
3310.210		Conc: Slabs On Grade S.O.G. Conc 4000 psi	9,504.00 sqft	7.00 /sqft	<u>66,528</u>
		Conc: Slabs On Grade			66,528
3310.320		Conc: Fill Pan Stairs Fill Pan Stairs 3000 psi	4.00 cy	628.30 /cy	2,513
		Conc: Fill Pan Stairs			<u>2,513</u>
3310.380		Conc: Slab On Corruform Conc @ Corruform 4000 psi	9,504.00 sqft	6.55 /sqft	62,251
		Conc: Slab On Corruform			<u>62,251</u>
4000.010		Division 4 Subcontractors Brick Veneer	6,850.00 sf	32.55 /sf	222,968



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Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
4000.010		Division 4 Subcontractors			
		Cast Stone	400.00 cf	55.00 /cf	22,000
		Lime Stone	400.00 cf	125.00 /cf	50,000
		Masonry - Weather Prot & Temp Heat	9,800.00 sf	4.55 /sf	44,590
		Masonry - Scaffold	9,000.00 sf	5.55 /sf	49,950
		Division 4 Subcontractors			389,508
4220.110		Conc. Block: 8"			
		Blk 8" Standard Face	7,710.00 ea	21.53 /ea	165,958
		Conc. Block: 8"			165,958
4220.120		Conc. Block: 6"			
		Blk 6" Standard Face	7,280.00 ea	16.15 /ea	117,572
		Conc. Block: 6"		/ea	117,572
5000.010		Division 5 Subcontractors			
		Structural Floor Framing 17#/sf	85.00 ton	3,510.00 /ton	298,350
		Structural Roof Framing 8#/sf	40.00 ton	3,510.00 /ton	140,400
		Metal Decking Sqft	20,000.00 sf	2.00 /sf	40,000
		Division 5 Subcontractors			478,750
5505.010		Misc: Misc Metals			
		Misc Metals	20,000.00 sf	1.50 /sf	30,000
		Misc: Misc Metals			30,000
5510.110		Stairs: Stair Parts			
		Steel Stairs	2.00 fit	12,500.00 /fit	25,000
		Stairs: Stair Parts			25,000
6000.010		Division 6 Subcontractors			
		Millwork - Allowance	1.00 ls	75,000.00 /ls	75,000
		Division 6 Subcontractors			75,000
6117.010		Blocking: Roof Nailers			
		Roof Nail PT 2 x 6 R.L.	2,650.00 bf	6.25 /bf	16,563
		Blocking: Roof Nailers			16,563
6117.020		Blocking: Misc.			
		Misc Safety Railings	400.00 lf	32.26 /lf	12,904
		Blocking 2 x 6 R.L.	3,500.00 bf	6.03 /bf	21,105
		Blocking: Misc.			34,009
7111.010		Dampproofing: VaprBarrier			
		Cavity Insulation	6,850.00 sf	2.39 /sf	16,372
		Perma Barrier Membrane	6,850.00 sf	7.60 /sf	52,060
		Perma Barrier Membrane Edge	1,190.00 sf	15.65 /sf	18,624
		Dampproofing: VaprBarrier			87,056
7210.040		Insulation: Board			
		Expanded Polystyrene 2 " Foundation	2,400.00 sf	1.98 /sf	4,752
		Insulation: Board			4,752
7530.010		Membrane: Elastomerc EPDM			
		EPDM .060 Thickness	10,000.00 sf	14.78 /sf	147,800



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		Membrane: Elastomerc EPDM			147,800
7710.020		Sheetmetal: Gravel Stop			
		Gravel Stop 8" High	300.00 lf	12.00 /lf	<u>3,600</u>
		Sheetmetal: Gravel Stop			3,600
7810.010		Fireproofing: Spray On			
		Fireproofing Sprayed	20,000.00 sf	2.00 /sf	<u>40,000</u>
		Fireproofing: Spray On			40,000
7920.010		Sealant - Jt Filler Gaskt			
		Caulk & Sealants	1.00 ls	12,500.00 /ls	<u>12,500</u>
		Sealant - Jt Filler Gaskt			12,500
8100.000		Doors: Metal With Frames			
		Metal Doors	40.00 ea	481.00 /ea	19,240
		Metal Frames	50.00 ea	306.00 /ea	<u>15,300</u>
		Doors: Metal With Frames			34,540
8210.010		Doors: Wood			
		Oak Solid Core	10.00 ea	504.00 /ea	<u>5,040</u>
		Doors: Wood			5,040
8360.010		Doors: Overhead			
		Door OH Sectional Steel	1.00 ea	8,700.00 /ea	<u>8,700</u>
		Doors: Overhead			8,700
8510.010		Windows: Metal			
		Aluminum Windows	1,350.00 sf	90.00 /sf	<u>121,500</u>
		Windows: Metal			121,500
8700.000		Hardware: Finishing			
		Finishing Hardware Allowance	50.00 ea	450.25 /ea	22,513
		Panic Device	6.00 ea	888.00 /ea	5,328
		Door Closers	12.00 ea	266.25 /ea	3,195
		Weatherstripping	4.00 ea	225.00 /ea	<u>900</u>
		Hardware: Finishing			31,936
8740.000		Hardware: Electromagnetic			
		Card Key Locking Hardware	4.00 ea	250.00 /ea	1,000
		Electromagnetic Door Holders	4.00 ea	155.00 /ea	<u>620</u>
		Hardware: Electromagnetic			1,620
8900.010		Glazed Curtain Walls			
		Aluminum Curtain Wall and Entrances	140.00 sf	115.00 /sf	<u>16,100</u>
		Glazed Curtain Walls		/sf	16,100
9000.010		Division 9 Subcontractors			
		Drywall Int Parts	7,400.00 sf	10.36 /sf	76,664
		Ceramic Tile Floor	400.00 sf	14.00 /sf	5,600
		Ceramic Tile Walls	1,305.00 sf	12.75 /sf	16,639
		Acoustical Ceilings	17,600.00 ls	4.10 /ls	72,160
		Vinyl Base	2,715.00 lf	2.25 /lf	6,109
		Radial Rubber Tile	900.00 sf	9.00 /sf	<u>8,100</u>



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Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
	9000.010	Division 9 Subcontractors			
		Resil Safety Tread	160.00 lf	12.00 /lf	1,920
		Resil Stair Riser & Stringer	115.00 lf	3.35 /lf	385
		Resilient Flooring	8,800.00 sf	2.50 /sf	22,000
		Carpet	978.00 sy	30.00 /sy	29,340
		Painting Walls	26,142.00 sf	0.90 /sf	23,528
		Painting Soffits	1,000.00 sf	0.85 /sf	850
		Painting Doors & Frames	50.00 ea	45.00 /ea	2,250
		Drywall Soffits	1,000.00 sf	9.55 /sf	9,550
		Division 9 Subcontractors			275,095
	10100.010	Visual Display Boards			
		Marker Boards / Tackboards	8.00 ea	195.01 /ea	1,560
		Visual Display Boards			1,560
	10160.010	Toilet Compartments			
		Toilet Compartments - phenolic	8.00 ea	1,100.00 /ea	8,800
		Urinal Screens	6.00 ea	450.04 /ea	2,700
		Toilet Compartments			11,500
	10185.010	Shower/Dressing Compart			
		Compartment Showers	4.00 ea	1,150.00 /ea	4,600
		Shower/Dressing Compart			4,600
	10200.000	Louvers and Vents			
		Wall Louver: Stationary	4.00 ea	1,199.76 /ea	4,799
		Louvers and Vents			4,799
	10430.010	Signs and Letters			
		Interior Door Signage	100.00 ea	45.00 /ea	4,500
		Signs and Letters			4,500
	10500.010	Lockers			
		Lockers - Metal	30.00 ea	225.00 /ea	6,750
		Lockers			6,750
	10521.010	Fire Extinguishers Etc			
		Fire Extinguishers	6.00 ea	77.00 /ea	462
		Fire Ext Cabinet	6.00 ea	126.00 /ea	756
		Fire Extinguishers Etc			1,218
	10600.000	Partitions			
		Wire Mesh Partition	350.00 lf	92.00 /lf	32,200
		Partitions			32,200
	10800.010	Misc Toilet/Bath Equip			
		Toilet Accessories	6.00 rm	1,500.10 /rm	9,001
		Misc Toilet/Bath Equip			9,001
	11160.010	Equip: Dock			
		Dock Leveler	1.00 ea	9,249.99 /ea	9,250
		Dock Bumpers	2.00 ea	129.99 /ea	260
		Equip: Dock			9,510



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11460.010		Equip: Residential Food			
		Refrigerator	3.00 ea	1,625.00 /ea	4,875
		Microwave	3.00 ea	194.83 /ea	584
		Equip: Residential Food			5,459
12490.010		Window Treatments			
		Blinds	1,350.00 sf	12.00 /sf	16,200
		Window Treatments			16,200
13100.000		Lightning Protection			
		Lightning Protection Sub	1.00 ls	12,000.00 /ls	12,000
		Lightning Protection			12,000
15300.010		Sprinkler			
		Fire Protection (Sqft)	20,000.00 sf	4.50 /sf	90,000
		Sprinkler			90,000
15400.000		Plumbing			
		Plumbing (Sqft)	20,000.00 sf	16.00 /sf	320,000
		Plumbing			320,000
15700.000		HVAC Systems			
		HVAC (Sqft)	20,000.00 sf	40.00 /sf	800,000
		HVAC Systems			800,000
15900.000		Controls			
		Controls (Lump Sum)	20,000.00 sf	8.50 /sf	170,000
		Controls			170,000
16000.010		Electrical Complete			
		Electrical (Sqft)	20,000.00 sf	31.00 /sf	620,000
		Electrical Complete			620,000
		3 Stock/Offices 20,000 sf	20,000.00 sf	233.62 /sf	4,672,324
4 Auto Shop		8,000 sf			
1000.103		PROJECT SUPERVISION			
		Safety Officer Half Day a week'	40.00 wk	274.00 /wk	10,960
		Cost Control Management 1 days a week	40.00 wk	368.00 /wk	14,720
		Assistant Superintendent	40.00 wk	3,060.00 /wk	122,400
		PROJECT SUPERVISION			148,080
1000.202		PRECONSTRUCTION SERVICES			
		Senior Estimator / Planner	100.00 mh	101.00 /mh	10,100
		Mech / Elec Coordinator	60.00 mh	91.50 /mh	5,490
		Site Coordinator	40.00 mh	77.00 /mh	3,080
		Reimbursable Expenses Allowance	1.00 lsum	5,000.00 /lsum	5,000
		PRECONSTRUCTION SERVICES			23,670
1000.300		SUBMITTALS & CONSULTANTS			
		Construction Schedule	9.00 ea	576.00 /ea	5,184
		Drawing / Document Reproduction	50.00 set	250.00 /set	12,500
		As Built Documentation	1.00 lsum	3,500.00 /lsum	3,500



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Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
1000.300		SUBMITTALS & CONSULTANTS			
		As Built Documentation	1.00 lsum	3,500.00 /lsum	3,500
		Job Photographs	12.00 mnth	50.00 /mnth	600
		SUBMITTALS & CONSULTANTS			<u>25,284</u>
1000.510		TEMPORARY UTILITIES			
		Temporary Electric Power Consumption	8.00 mnth	1,000.00 /mnth	8,000
		Temporary Heating System	4.00 mnth	2,500.00 /mnth	10,000
		Temporary Heat - Fuel Consumption	4.00 mnth	5,000.00 /mnth	20,000
		Telephone Usage Charge	8.00 mnth	800.00 /mnth	6,400
		Temporary Water Usage Charge	8.00 mnth	200.00 /mnth	1,600
		Temporary Toilets	8.00 mnth	300.00 /mnth	2,400
		Fire Extinguishers	4.00 ea	175.00 /ea	700
		TEMPORARY UTILITIES			<u>49,100</u>
1000.530		BARRIERS & ENCLOSURES			
		Temporary Fence	1,000.00 lf	12.00 /lf	12,000
		BARRIERS & ENCLOSURES			<u>12,000</u>
1000.540		SECURITY & SAFETY			
		Personal Protection Equipment	8.00 mnth	125.00 /mnth	1,000
		Safety Supplies	8.00 mnth	150.00 /mnth	1,200
		First Aid Supplies	8.00 mnth	250.00 /mnth	2,000
		SECURITY & SAFETY			<u>4,200</u>
1000.560		TEMPORARY CONTROLS			
		Daily Housekeeping	40.00 wk	2,720.00 /wk	108,800
		Rubbish / Dumpster Pulls	32.00 load	600.00 /load	19,200
		Final Cleanup (Sub)	8,000.00 sf	0.45 /sf	3,600
		Weather Protection	4.00 mnth	7,500.00 /mnth	30,000
		TEMPORARY CONTROLS			<u>161,600</u>
1000.580		PROJECT SIGNS			
		Safety Signs	6.00 ea	40.00 /ea	240
		PROJECT SIGNS			<u>240</u>
1720.030		Layout			
		Layout (Own Forces)	1.00 ea	2,300.00 /ea	2,300
		Layout			<u>2,300</u>
2315.021		Earthwk: Excav Foot/Misc			
		Excavate Footing By Machine	390.00 cy	30.00 /cy	11,700
		Earthwk: Excav Foot/Misc			<u>11,700</u>
2315.024		Earthwk: Fine Grade			
		Fine Grade	8,000.00 sf	0.30 /sf	2,400
		Earthwk: Fine Grade			<u>2,400</u>
2315.070		Backfill: Foot Wall Misc			
		Backfill Footings & Walls	364.00 cy	17.38 /cy	6,326
		Gravel at slab	148.15 cy	35.00 /cy	5,185
		Backfill: Foot Wall Misc			<u>11,512</u>
2340.010		Soil Stablze /Erosion Ctl			



**Providence Water Supply Board
New Campus Budget**

5/15/2013

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
2340.010		Soil Stabilze /Erosion Ctl			
		Soil Stabilize - Crush Rock	10.00 cy	35.00 /cy	350
		Siltation Fence	800.00 lf	5.00 /lf	4,000
		Hay Bales	50.00 lf	10.00 /lf	500
		Soil Stabilze /Erosion Ctl			4,850
2620.010		Drainage: French Drains			
		French Drain 4"	400.00 lf	30.00 /lf	12,000
		Drainage: French Drains			12,000
3210.050		Rebar: All Types			
		Rebar - Lump Sum (tons)	1.50 ton	1,499.92 /ton	2,250
		Rebar - Lump Sum (tons)	2.77 ton	1,499.90 /ton	4,155
		Rebar: All Types			6,405
3310.140		Conc: Footings			
		Footing Conc Contin	28.89 cy	498.00 /cy	14,387
		Footing Conc Col	21.28 cy	497.99 /cy	10,597
		Conc: Footings			24,984
3310.160		Conc: Walls			
		Wall Conc 4000 psi	57.78 cy	595.00 /cy	34,379
		Conc: Walls			34,379
3310.210		Conc: Slabs On Grade			
		S.O.G. Conc 4000 psi	8,000.00 sqft	7.00 /sqft	56,000
		Conc: Slabs On Grade			56,000
3350.400		Finish: Floor Hardener			
		Floor Sealer - Hardener	8,000.00 sf	0.87 /sf	6,966
		Finish: Floor Hardener			6,966
4000.010		Division 4 Subcontractors			
		Brick Veneer	5,940.00 sf	32.55 /sf	193,347
		Masonry - Scaffold	6,240.00 sf	5.55 /sf	34,632
		Division 4 Subcontractors			227,979
4220.110		Conc. Block: 8"			
		Blk 8" Standard Face	6,682.50 ea	21.53 /ea	143,841
		Conc. Block: 8"			143,841
4220.120		Conc. Block: 6"			
		Blk 6" Standard Face interior	2,700.00 ea	17.94 /ea	48,438
		Conc. Block: 6"			48,438
5000.010		Division 5 Subcontractors			
		Structural Roof Framing 9#/sf	36.00 ton	3,510.00 /ton	126,360
		Metal Decking Sqft	8,000.00 sf	2.00 /sf	16,000
		Division 5 Subcontractors			142,360
5505.010		Misc: Misc Metals			
		Misc Metals	8,000.00 sf	1.50 /sf	12,000



**Providence Water Supply Board
New Campus Budget**

5/15/2013

Bld Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		Misc: Misc Metals			12,000
6117.010		Blocking: Roof Nailers			
		Roof Nail PT 2 x 6 R.L.	1,711.00 bf	6.25 /bf	<u>10,694</u>
		Blocking: Roof Nailers			10,694
6117.020		Blocking: Misc.			
		Blocking 2 x 6 R.L.	1,200.00 bf	6.03 /bf	<u>7,236</u>
		Blocking: Misc.			7,236
7111.010		Dampproofing: VaprBarrier			
		Cavity Insulation	5,940.00 sf	2.39 /sf	14,197
		Perma Barrier Membrane	5,940.00 sf	7.60 /sf	45,144
		Perma Barrier Membrane Edge	267.00 sf	15.65 /sf	<u>4,179</u>
		Dampproofing: VaprBarrier			63,519
7210.040		Insulation: Board			
		Expanded Polystyrene 2 " Foundation	3,120.00 sf	1.98 /sf	<u>6,178</u>
		Insulation: Board			6,178
7530.010		Membrane: Elastomerc EPDM			
		EPDM .060 Thickness	8,000.00 sf	14.78 /sf	<u>118,240</u>
		Membrane: Elastomerc EPDM			118,240
7710.020		Sheetmetal: Gravel Stop			
		Gravel Stop 8" High	390.00 lf	12.00 /lf	<u>4,680</u>
		Sheetmetal: Gravel Stop			4,680
7810.010		Fireproofing: Spray On			
		Fireproofing Sprayed	8,000.00 sf	2.00 /sf	<u>16,000</u>
		Fireproofing: Spray On			16,000
7920.010		Sealant - Jt Filler Gaskt			
		Caulk & Sealants (Our Forces)	1.00 ls	2,500.00 /ls	<u>2,500</u>
		Sealant - Jt Filler Gaskt			2,500
8100.000		Doors: Metal With Frames			
		Metal Doors	17.00 ea	345.75 /ea	5,878
		Metal Frames	8.00 ea	258.50 /ea	2,068
		Metal Frame Double	3.00 ea	344.13 /ea	<u>1,032</u>
		Doors: Metal With Frames			8,978
8360.010		Doors: Overhead			
		Door OH Sectional Steel	3.00 ea	18,499.85 /ea	<u>55,500</u>
		Doors: Overhead			55,500
8510.010		Windows: Metal			
		Aluminum Windows	240.00 sf	90.00 /sf	<u>21,600</u>
		Windows: Metal			21,600
8600.000		Skylights			
		Unit Skylights	8.00 ea	3,000.00 /ea	24,000



**Providence Water Supply Board
New Campus Budget**

5/15/2013

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		Skylights			24,000
8700.000		Hardware: Finishing			
		Finishing Hardware Allowance	17.00 ea	450.25 /ea	7,654
		Panic Device	2.00 ea	888.00 /ea	1,776
		Door Closers	5.00 ea	266.25 /ea	1,331
		Weatherstripping	2.00 ea	225.00 /ea	450
		Hardware: Finishing			11,212
8740.000		Hardware: Electromagnetic			
		Card Key Locking Hardware	4.00 ea	250.00 /ea	1,000
		Electromagnetic Door Holders	4.00 ea	155.00 /ea	620
		Hardware: Electromagnetic			1,620
9000.010		Division 9 Subcontractors			
		Painting Walls	11,088.00 sf	0.95 /sf	10,534
		Painting Doors & Frames	17.00 ea	45.00 /ea	765
		Division 9 Subcontractors			11,299
10521.010		Fire Extinguishers Etc			
		Fire Extinguishers Wall Mounted	2.00 ea	96.23 /ea	192
		Fire Extinguishers Etc			192
11010.030		Equip: Vacuum Systems			
		Exhaust Evac System	1.00 ea	15,000.00 /ea	15,000
		Equip: Vacuum Systems			15,000
11140.010		Equip: Vehicle Service			
		Vehicle Service Equipment	1.00 ls	100,000.00 /ls	100,000
		Equip: Vehicle Service			100,000
13100.000		Lightning Protection			
		Lightning Protection Sub	1.00 ea	8,000.00 /ea	8,000
		Lightning Protection			8,000
14400.010		Lifts			
		Vehicle Lifts	2.00 ea	85,000.00 /ea	170,000
		Lifts			170,000
15300.010		Sprinkler			
		Fire Protection (Sqft)	8,000.00 sf	4.50 /sf	36,000
		Sprinkler			36,000
15400.000		Plumbing			
		Plumbing (Sqft)	8,000.00 sf	6.75 /sf	54,000
		Plumbing			54,000
15700.000		HVAC Systems			
		HVAC (Sqft)	8,000.00 sf	10.80 /sf	86,400
		HVAC Systems			86,400
15900.000		Controls			
		Building Systems Control	8,000.00 sf	1.00 /sf	8,000



**Providence Water Supply Board
New Campus Budget**

5/15/2013

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		Controls			8,000
16000.010		Electrical Complete Electrical (Sqft)	8,000.00 sf	19.75 /sf	<u>158,000</u>
		Electrical Complete			158,000
16200.010		Power Generation Generators	0.00 ea	0.00 /ea	0
		4 Auto Shop 8,000 sf	8,000.00 sf	271.39 /sf	2,171,134
5 Covered Storage		15,000 sf			
1000.202		PRECONSTRUCTION SERVICES Site Coordinator	40.00 mh	77.00 /mh	<u>3,080</u>
		PRECONSTRUCTION SERVICES			3,080
1720.030		Layout Layout (Own Forces)	1.00 ea	1,199.82 /ea	<u>1,200</u>
		Layout			1,200
2315.021		Earthwk: Excav Foot/Misc Excavate Footing By Machine	175.00 cy	30.00 /cy	<u>5,250</u>
		Earthwk: Excav Foot/Misc			5,250
2315.024		Earthwk: Fine Grade Fine Grade	15,000.00 sf	0.30 /sf	<u>4,500</u>
		Earthwk: Fine Grade			4,500
2315.070		Backfill: Foot Wall Misc Backfill Footings & Walls	175.00 cy	17.38 /cy	<u>3,042</u>
		Gravel at slab	333.00 cy	35.00 /cy	<u>11,655</u>
		Backfill: Foot Wall Misc			14,696
2340.010		Soil Stablze /Erosion Ctl Soil Stabilize - Crush Rock	10.00 cy	35.00 /cy	<u>350</u>
		Siltation Fence	800.00 lf	5.00 /lf	<u>4,000</u>
		Hay Bales	50.00 lf	10.00 /lf	<u>500</u>
		Soil Stablze /Erosion Ctl			4,850
2620.010		Drainage: French Drains French Drain 4"	550.00 lf	30.00 /lf	<u>16,500</u>
		Drainage: French Drains			16,500
3210.050		Rebar: All Types Rebar - Lump Sum (tons)	1.95 ton	1,500.05 /ton	<u>2,925</u>
		Rebar: All Types			2,925
3310.200		Conc: Piers Pier Conc 4000 psi 3x3x4	18.66 cy	472.98 /cy	<u>8,826</u>
		Conc: Piers			8,826
3310.210		Conc: Slabs On Grade S.O.G. Conc 4000 psi	15,000.00 sqft	8.00 /sqft	120,000



**Providence Water Supply Board
New Campus Budget**

5/15/2013

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
	3310.210	Conc: Slabs On Grade			
		Edge Haunch	28.00 cy	488.00 /cy	<u>13,664</u>
		Conc: Slabs On Grade			133,664
	3350.400	Finish: Floor Hardener			
		Floor Sealer - Hardener	15,000.00 sf	0.87 /sf	<u>13,062</u>
		Finish: Floor Hardener			13,062
	13120.010	Pre-Engineered Structures			
		Pre-Engineered Building No Siding	15,000.00 sf	13.25 /sf	<u>198,750</u>
		Pre-Engineered Structures			198,750
	15300.010	Sprinkler			
		Fire Protection (Sqft)	15,000.00 sf	4.50 /sf	<u>67,500</u>
		Sprinkler			67,500
	16000.010	Electrical Complete			
		Electrical (Sqft) Power and Lighting	15,000.00 sf	2.00 /sf	<u>30,000</u>
		Electrical Complete			30,000
		5 Covered Storage 15,000 sf	15,000.00 sf	33.65 /sf	504,803
6 Granular Storage		11,200 sf			
	1000.202	PRECONSTRUCTION SERVICES			
		Site Coordinator	40.00 mh	77.00 /mh	<u>3,080</u>
		PRECONSTRUCTION SERVICES			3,080
	1720.030	Layout			
		Layout (Own Forces)	1.00 ea	1,199.82 /ea	<u>1,200</u>
		Layout			1,200
	2315.021	Earthwk: Excav Foot/Misc			
		Excavate Footing By Machine	175.00 cy	30.00 /cy	<u>5,250</u>
		Earthwk: Excav Foot/Misc			5,250
	2315.024	Earthwk: Fine Grade			
		Fine Grade	11,200.00 sf	0.30 /sf	<u>3,360</u>
		Earthwk: Fine Grade			3,360
	2315.070	Backfill: Foot Wall Misc			
		Backfill Foundations	175.00 cy	17.38 /cy	3,042
		Gravel at slab	206.52 cy	35.00 /cy	<u>7,228</u>
		Backfill: Foot Wall Misc			10,270
	2340.010	Soil Stabilze /Erosion Ctl			
		Soil Stabilize - Crush Rock	10.00 cy	35.00 /cy	350
		Siltation Fence	800.00 lf	5.00 /lf	4,000
		Hay Bales	50.00 lf	10.00 /lf	<u>500</u>
		Soil Stabilze /Erosion Ctl			4,850
	2620.010	Drainage: French Drains			
		French Drain 4"	480.00 lf	30.00 /lf	14,400



Providence Water Supply Board
New Campus Budget

5/15/2013

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		Drainage: French Drains			14,400
3210.050		Rebar: All Types			
		Rebar - Lump Sum (tons)	1.65 ton	1,500.07 /ton	2,475
		Rebar: All Types			2,475
3310.200		Conc: Piers			
		Pier Conc 4000 psi 3x3x4	18.66 cy	472.98 /cy	8,826
		Conc: Piers			8,826
3310.210		Conc: Slabs On Grade			
		S.O.G. Conc 4000 psi	11,200.00 sqft	8.00 /sqft	89,600
		Edge Haunch	24.50 cy	488.00 /cy	11,956
		Conc: Slabs On Grade			101,556
3350.400		Finish: Floor Hardener			
		Floor Sealer - Hardener	11,200.00 sf	0.87 /sf	9,753
		Finish: Floor Hardener			9,753
3400.100		Precast Concrete			
		Concrete Block 2x2x8' Blks	250.00 ea	100.00 /ea	25,000
		Precast Concrete			25,000
13120.010		Pre-Engineered Structures			
		Pre-Engineered Building No Siding	11,200.00 sf	13.25 /sf	148,400
		Pre-Engineered Structures			148,400
15300.010		Sprinkler			
		Fire Protection (Sqft)	11,200.00 sf	4.50 /sf	50,400
		Sprinkler			50,400
16000.010		Electrical Complete			
		Electrical (Sqft) Power and Lighting	11,200.00 sf	2.00 /sf	22,400
		Electrical Complete			22,400
		6 Granular Storage 11,200 sf	11,200.00 sf	36.72 /sf	411,219
7 Site Development		440,500 sf			
1730.100		Demo: Subcontractors			
		Sub: Demolition	12,600.00 SF	5.00 /SF	63,000
		Demo: Subcontractors			63,000
2100.000		Site Remediation			
		Excav Removal & Handling Haz Mat	1.00 Allo	10,000.00 /Allo	10,000
		Site Remediation			10,000
2240.010		Dewater: General			
		Dewatering	1.00 ls	25,000.00 /ls	25,000
		Dewater: General			25,000
2310.020		Earthwk: Site Grading			
		Remove Topsoil	8,157.00 cy	15.00 /cy	122,355
		Rough Grading	440,500.00 sf	0.50 /sf	220,250



Providence Water Supply Board
New Campus Budget

5/15/2013

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
		Earthwk: Site Grading			342,605
2315.020		Earthwk: Cut & Fill Etc			
		Bulk Cut & Fill on site	16,300.00 cy	8.00 /cy	130,400
		Earthwk: Cut & Fill Etc			130,400
2510.010		Utility Serv: Water			
		Water Line 4"	855.00 lf	100.00 /lf	85,500
		Fire Line 6"	1,113.00 lf	150.00 /lf	166,950
		Utility Serv: Water			252,450
2540.010		Utility Serv: Septic Tank			
		Sanitary Sewers	1,190.00 lf	60.00 /lf	71,400
		Utility Serv: Septic Tank			71,400
2630.020		Drainage: Site Structures			
		Storm Drainage System	300,000.00 sf	3.00 /sf	900,000
		Drainage: Site Structures			900,000
2740.030		Paving: Asphalt			
		Asphalt Paving 3"	33,400.00 sy	18.00 /sy	601,200
		Base Course Compact 6" Deep	6,690.00 CY	35.00 /CY	234,150
		Paving: Asphalt			835,350
2750.035		Paving: Concrete			
		Concrete Paving (sqft)	7,000.00 sf	7.50 /sf	52,500
		Paving: Concrete			52,500
2760.030		Paving: Parking Lines			
		Parking Lines	300.00 ea	10.00 /ea	2,999
		Paving: Parking Lines			2,999
2770.010		Paving: Curbs & Gutters			
		Plain Conc Curb 4000 psi	1,800.00 LF	24.00 /LF	43,200
		Paving: Curbs & Gutters			43,200
2810.010		Improvmts: IrrigationSys			
		Lawn Sprinkler System	40,000.00 sf	0.45 /sf	18,000
		Improvmts: IrrigationSys			18,000
2820.010		Improvmts: Fencing			
		Fence ChainLink Complete	2,633.00 lf	30.00 /lf	78,990
		Fence Ornamental Metal Complete	375.00 lf	125.00 /lf	46,875
		Improvmts: Fencing			125,865
2840.050		Improvmts: Bollard/Rails			
		Pipe Bollard Steel Pipe 6"	36.00 ea	800.00 /ea	28,800
		Improvmts: Bollard/Rails			28,800
2840.080		Improvmts: Parking Items			
		Site Electric	1.00 LS	150,000.00 /LS	150,000
		Improvmts: Parking Items			150,000



Providence Water Supply Board
New Campus Budget

5/15/2013

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
	2900.010	Landscape: General			
		Landscaping - Allowance	1.00 LS	100,000.00 /LS	100,000
		Landscape: General			100,000
		7 Site Development	440,500 sf	7.16 /sf	3,151,569

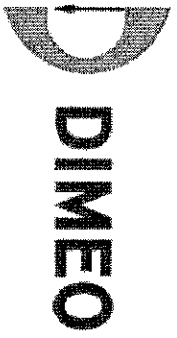


Providence Water Supply Board
New Campus Budget

5/15/2013

Estimate Totals

Description	Amount	Totals	Rate
		31,815,623	
FF&E Allowance	<u>1,000,000</u>		
	1,000,000	32,815,623	
Estimating Contingency	<u>3,281,562</u>		10.00 %
	3,281,562	36,097,185	
Building Permit	<u>541,458</u>		1.50 %
	541,458	36,638,643	
G & L Insurance	<u>311,428</u>		8.50 \$ / 1,000
	311,428	36,950,071	
C.M. Fee (2.85%)	<u>1,053,077</u>		2.85 %
	1,053,077	38,003,148	
P&P Bond	<u>294,316</u>		0.73 %
	294,316	38,297,464	
Architects & Engineers Fees	2,297,848		6.00 %
Total		40,595,312	

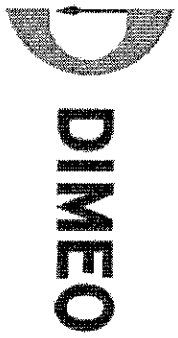


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

1/12/2011

Estimator fxs
Job size 50000 SF
Job cost job number 227-10

Notes
Office building is budgeted as a 50,000 sqft two story building. 25,000 sqft per floor Concrete foundations, slab on grade steel framed construction.
An FF&E (Furnishings Allowance) of \$20 per SF (\$1,000,000) included

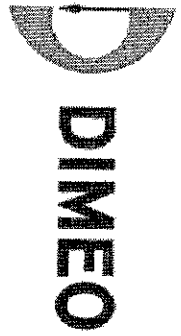


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
HEADQUARTER							
	1000.000		GENERAL REQUIREMENTS				
		1000.103	PROJECT SUPERVISION				
			Project Executive	54.00 wk		1,096.00 /wk	59,184
			Project Manager	54.00 wk		2,880.00 /wk	155,520
			Project Engineer	54.00 wk		2,200.00 /wk	118,800
			Purchasing Agent	6.00 wk		3,300.00 /wk	19,800
			Safety Officer	54.00 wk		548.00 /wk	29,592
			Administrative Assistant (on-site)	54.00 wk		1,400.00 /wk	75,800
			Project Superintendent	54.00 wk		2,800.00 /wk	151,200
			Cost Control Management	54.00 wk		400.00 /wk	21,600
			PROJECT SUPERVISION				631,296
	1000.104		FIELD SUPPORT				
			Laborer, Full Time	54.00 wk		2,360.00 /wk	127,440
			FIELD SUPPORT				127,440
	1000.202		PRECONSTRUCTION SERVICES				
			Project Executive	70.00 mh		137.00 /mh	9,590
			Senior Estimator / Planner	240.00 mh		97.50 /mh	23,400
			Mech / Elec Coordinator	120.00 mh		82.50 /mh	9,900
			Purchasing Manager	80.00 mh		90.00 /mh	7,200
			Reimbursable Expenses Allowance	1.00 /sum		7,500.00 /sum	7,500
			PRECONSTRUCTION SERVICES				\$7,590

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

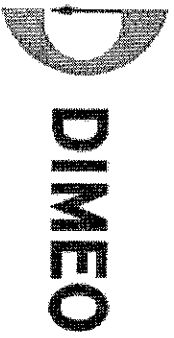


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		1000.300	SUBMITTALS & CONSULTANTS				
			Construction Schedule	12.00 ea		555.00 /ea	6,660
			Drawing / Document Reproduction	200.00 set		250.00 /set	50,000
			As Built Documentation	1.00 /sum		7,500.00 /sum	7,500
			Job Photographs	12.00 /month		250.00 /month	3,000
			SUBMITTALS & CONSULTANTS				67,160
		1000.400	QUALITY CONTROL				
			Testing and Inspection	1.00 /sum		25,000.00 /sum	25,000
			Mock-ups	1.00 /sum		7,500.00 /sum	7,500
			QUALITY CONTROL				32,500
		1000.510	TEMPORARY UTILITIES				
			Temporary Electric Power System	1.00 /sum		5,000.00 /sum	5,000
			Temporary Electric Power Consumption	12.00 /month		1,750.00 /month	21,000
			Temporary Heating System	4.00 /month		5,000.00 /month	20,000
			Temporary Heat - Fuel Consumption	4.00 /month		15,000.00 /month	60,000
			Telephone Connection Cost	1.00 /sum		2,500.00 /sum	2,500
			Telephone Usage Charge	12.00 /month		1,000.00 /month	12,000
			Temporary Water Service	1.00 /sum		1,000.00 /sum	1,000
			Temporary Water Usage Charge	12.00 /month		200.00 /month	2,400
			Temporary Toilets	12.00 /month		450.00 /month	5,400
			Fire Extinguishers	4.00 ea		75.00 /ea	300
			TEMPORARY UTILITIES				129,600
		1000.520	CONSTRUCTION AIDS				

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

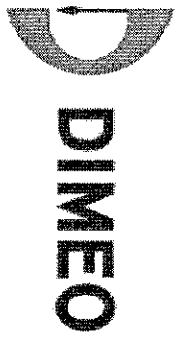


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		1000.520	CONSTRUCTION AIDS				
			Temporary Use of Building Elevator Pickup Truck	8.00 wk		2,000.00 /wk	16,000
			CONSTRUCTION AIDS	52.00 mnth		600.00 /mnth	31,200
							47,200
		1000.530	BARRIERS & ENCLOSURES				
			Barricades	150.00 lf		25.00 /lf	3,750
			Temporary Fence	1,200.00 lf		7.50 /lf	9,000
			BARRIERS & ENCLOSURES				12,750
		1000.540	SECURITY & SAFETY				
			Personal Protection Equipment	12.00 mnth		125.00 /mnth	1,500
			Safety Supplies	12.00 mnth		150.00 /mnth	1,800
			First Aid Supplies	12.00 mnth		250.00 /mnth	3,000
			SECURITY & SAFETY				6,300
		1000.560	TEMPORARY CONTROLS				
			Daily Housekeeping	52.00 wk		1,180.00 /wk	61,360
			Rubbish / Dumpster Pulls	36.00 load		600.00 /load	21,600
			Final Cleanup (Sub)	50,000.00 sf		0.45 /sf	22,500
			Snow Removal	7.00 strm		750.00 /strm	5,250
			Weather Protection	6.00 mnth		7,500.00 /mnth	45,000
			TEMPORARY CONTROLS				155,710
		1000.580	PROJECT SIGNS				
			Project Signs	1.00 ea		1,500.00 /ea	1,500

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

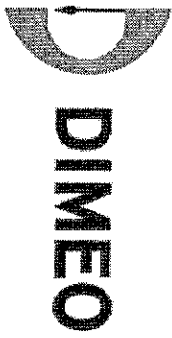


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	1000.580		PROJECT SIGNS				
			Safety Signs	25.00 ea		40.00 /ea	1,000
			PROJECT SIGNS				2,500
	1000.590		FIELD OFFICES & STORAGE				
			Office Trailer Set-up	2.00 ea		3,000.00 /ea	6,000
			Office Trailer Lease (GC)	12.00 mnth		550.00 /mnth	6,600
			Copy Machine	12.00 mnth		250.00 /mnth	3,000
			Fax Machine, Purchase	1.00 ea		550.00 /ea	550
			Computer, Hardware and Software	1.00 ea		2,500.00 /ea	2,500
			Office Supplies	12.00 mnth		250.00 /mnth	3,000
			FIELD OFFICES & STORAGE				21,650
	1720.030		Layout				
			Layout (Own Forces)	1.00 ea		4,600.00 /ea	4,600
			Layout				4,600
			GENERAL REQUIREMENTS				1,296,296
	1730.000		DEMOLITION				
			Demo: Subcontractors				63,000
			Sub: Demolition	12,600.00 SF		5.00 /SF	63,000
			Demo: Subcontractors				63,000
			DEMOLITION				63,000
	2000.000		SITework				

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



Providence Water Supply Board
50,000 sqft Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		2100.000	Site Remediation				
			Excavation Removal & Handling Hazardous Materials	1.00 Alio		10,000.00 /Alio	10,000
			Site Remediation				<u>10,000</u>
		2240.010	Dewater: General				
			Dewatering	1.00 Is		25,000.00 /Is	25,000
			Dewater: General				<u>25,000</u>
		2310.020	Earthwk: Site Grading				
			Remove Topsoil	445.00 cy		5.00 /cy	2,225
			Rough Grading	80,000.00 sf		0.25 /sf	20,000
			Earthwk: Site Grading				<u>22,225</u>
		2315.020	Earthwk: Cut & Fill Etc				
			Bulk Cut	3,000.00 cy		4.40 /cy	13,200
			Bulk Fill	3,000.00 cy		4.40 /cy	13,200
			Gravel Borrow	1,500.00 cy		35.00 /cy	52,500
			Earthwk: Cut & Fill Etc				<u>78,900</u>
		2315.021	Earthwk: Excav Foot/Misc				
			Excavate Footing By Machine	1,415.00 cy		30.00 /cy	42,450
			Earthwk: Excav Foot/Misc				<u>42,450</u>
		2315.024	Earthwk: Fine Grade				
			Fine Grade	80,000.00 sf		0.30 /sf	24,000

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island

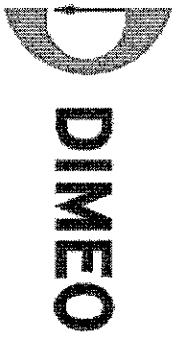


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Earthwk: Fine Grade				24,000
2315.070			Backfill: Foot Wall Misc	1,415.00 cy		17.38 /cy	24,593
			Gravel at slab	550.00 cy		35.00 /cy	19,250
			Backfill: Foot Wall Misc				43,843
2340.010			Soil Stabilize /Erosion Ctl				
			Soil Stabilize - Crush Rock	20.00 cy		35.00 /cy	700
			Siltation Fence	1,200.00 lf		5.00 /lf	6,000
			Hay Bales	100.00 lf		10.00 /lf	1,000
			Soil Stabilize /Erosion Ctl				7,700
2510.010			Utility Serv: Water				
			Water Line Cu Type K 2"	100.00 lf		45.45 /lf	4,545
			Valve Gate Cl w/box 8"	1.00 ea		1,500.00 /ea	1,500
			Fire Line 8"	150.00 LF		75.00 /LF	11,250
			Utility Serv: Water				17,295
2540.010			Utility Serv: Septic Tank				
			Sanitary Sewers	1.00 LSUM		50,000.00 /LSUM	50,000
			Utility Serv: Septic Tank				50,000
2620.010			Drainage: French Drains				
			French Drain 4"	1,000.00 lf		30.00 /lf	30,000

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



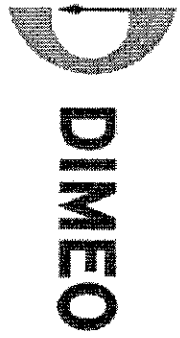
**Providence Water Supply Board
50,000 sqft Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Drainage: French Drains				30,000
		2630.020	Drainage: Site Structures				
			Storm Drainage System	1.00 LSUM		124,802.00 /LSUM	124,802
			Drainage: Site Structures				124,802
		2740.030	Paving: Asphalt				
			Asphalt Paving Lab/Equip ONLY	1,100.00 Tons		45.00 /Tons	49,500
			H Asphalt Material	1,100.00 Tons		58.00 /Tons	63,800
			Base Course Compact 6" Deep	990.00 CY		35.00 /CY	34,650
			Paving: Asphalt				147,950
		2750.035	Paving: Concrete				
			Concrete Paving (sqft)	600.00 sf		6.83 /sf	4,095
			Paving: Concrete				4,095
		2760.030	Paving: Parking Lines				
			Parking Lines	150.00 lf		10.00 /lf	1,500
			Paving: Parking Lines				1,500
		2770.010	Paving: Curbs & Gutters				
			Plain Conc Curb 4000 psi	750.00 LF		24.00 /LF	18,000
			Paving: Curbs & Gutters				18,000
		2810.010	Improvmnts: IrrigationSys				

DIMEO CONSTRUCTION COMPANY

Providence, Rhode Island



**Providence Water Supply Board
50,000 sqft Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		2810.010	Improvmnts: IrrigationSys Lawn Sprinkler System	10,000.00 sf		0.45 /sf	4,500
			Improvmnts: IrrigationSys				4,500
		2820.010	Improvmnts: Fencing Fence ChainLink Complete Fence Ornamental Metal Complete	1,000.00 lf 350.00 lf		30.00 /lf 125.00 /lf	30,000 43,750
			Improvmnts: Fencing				73,750
		2840.050	Improvmnts: Bollard/Rails Pipe Bollard Steel Pipe 6"	12.00 ea		450.00 /ea	5,400
			Improvmnts: Bollard/Rails				5,400
		2840.080	Improvmnts: Parking Items Site Electric	1.00 LS		50,000.00 /LS	50,000
			Improvmnts: Parking Items				50,000
		2900.010	Landscape: General Landscaping - Allowance	1.00 LS		49,853.00 /LS	49,853
			Landscape: General				49,853
			SITEWORK				831,262
		3000.000	CONCRETE				
		3150.100	Accessry: Waterstop Waterstop - Rubber	80.00 lf		1.74 /lf	139
			Accessry: Waterstop				139

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

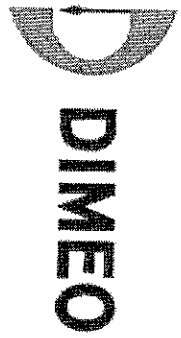


Providence Water Supply Board
50,000 sqft Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Accessry: Waterstop				139
		3210.050	Rebar: All Types Rebar - Lump Sum (tons) Rebar: All Types	11.25 ton		1,499.94 /ton	16,874
		3310.140	Conc: Footings Footng Conc Contin Footng Conc Col and Pit Conc: Footings	97.00 cy 64.00 cy		550.00 /cy 550.00 /cy	53,350 35,200
		3310.160	Conc: Walls Wall Conc 4000 psi Conc: Walls	138.00 cy		592.25 /cy	81,731
		3310.210	Conc: Slabs On Grade S.O.G. Conc 4000 psi Conc: Slabs On Grade	380.00 cy		304.88 /cy	115,854
		3310.320	Conc: Fill Pan Stairs Fill Pan Stairs 3000 psi Conc: Fill Pan Stairs	4.00 cy		628.30 /cy	2,513
		3310.380	Conc: Slab On Corruform Conc @ Corruform 4000 psi	440.00 cy		304.88 /cy	134,147

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island

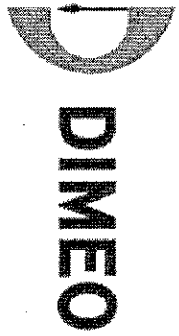


Providence Water Supply Board
50,000 sqft Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		3350.100	Finish: General				
			Trowel Finish	50,000.00 sf		0.51 /sf	25,309
			Stair Finish	400.00 sf		1.01 /sf	402
			Finish: General				25,711
			CONCRETE				465,520
	4000.000		MASONRY				
	4000.010		Division 4 Subcontractors				
			Masonry - Brick Sub Labor/Matrl	9,630.00 sf		42.50 /sf	409,275
			Cast Stone	1,000.00 cf		45.00 /cf	45,000
			Lime Stone	1,600.00 cf		125.00 /cf	200,000
			Masonry - Weather Prot & Temp Heat	17,500.00 sf		4.55 /sf	79,625
			Masonry - Scaffold	17,500.00 sf		6.25 /sf	109,375
			Division 4 Subcontractors				843,275
	4220.110		Conc. Block: 8"				
			Blk 8" Standard Face	5,520.00 ea		21.53 /ea	118,818
			Conc. Block: 8"				118,818
	4423.000		Stone Granite				
			Granite Floor Tile	750.00 sf		35.00 /sf	26,250
			Stone Granite				26,250

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island

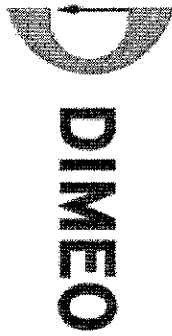


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	5000.000		MASONRY				988,343
			METALS				
	5000.010		Division 5 Subcontractors				
			Structural Floor Framing 17#/sf	212.50 ton		3,100.00 /ton	658,750
			Structural Roof Framing 9#/sf	112.50 ton		3,100.00 /ton	348,750
			Metal Decking Sqft	50,000.00 sf		2.00 /sf	100,000
			Division 5 Subcontractors				1,107,500
	5505.010		Misc: Misc Metals			1.00 /sf	50,000
			Misc Metals	50,000.00 sf			
			Misc: Misc Metals				50,000
	5510.110		Stairs: Stair Parts				
			Steel Stairs	2.00 ft		12,500.00 /ft	25,000
			Stairs: Stair Parts				25,000
			METALS				1,182,500
	6000.000		WOOD & PLASTICS				
	6000.010		Division 6 Subcontractors				
			Millwork - Allowance	1.00 ls		225,000.00 /ls	225,000
			Division 6 Subcontractors				225,000
	6117.010		Blocking: Roof Nailers				
			Roof Nail PT 2 x 6 R.L.	4,600.00 bf		3.75 /bf	17,250

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
50,000 sqft Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		6117.020	Blocking: Misc. Blocking 2 x 6 R.L.	5,000.00 bf		4.00 /bf	20,000
			Blocking: Misc.				20,000
			WOOD & PLASTICS				262,250
	7000.000		THERMAL & MOISTURE PROT				
		7111.010	Dampproofing: VaporBarrier	12,500.00 sf		6.18 /sf	77,250
			Vapor Barrier & Cavity Insulation				77,250
			Dampproofing: VaporBarrier				
		7139.010	Waterproofing: Other	520.00 sf		12.93 /sf	6,722
			Waterproof Iron Compound				6,722
			Waterproofing: Other				
		7210.040	Insulation: Board	2,600.00 sf		2.50 /sf	6,500
			Expanded Polystyrene 2"				6,500
			Insulation: Board				
		7530.010	Membrane: Elastomerc EPDM	25,000.00 sf		14.42 /sf	360,500
			EPDM .060 Thickness				360,500
			Membrane: Elastomerc EPDM				
		7710.020	Sheetmetal: Gravel Stop				

DIMEO CONSTRUCTION COMPANY

Providence, Rhode Island



**Providence Water Supply Board
50,000 sqft Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	7710.020		Sheetmetal: Gravel Stop				
			Gravel Stop 8" High	700.00 lf		12.00 /lf	8,400
			Sheetmetal: Gravel Stop				8,400
	7810.010		Fireproofing: Spray On				
			Fireprfg Sprayd Beams 2 hr	50,000.00 sf		2.00 /sf	100,000
			Fireproofing: Spray On				100,000
	7920.010		Sealant - Jt Filler Gasket				
			Caulk & Sealants	1.00 ls		60,000.00 /ls	60,000
			Sealant - Jt Filler Gasket				60,000
			THERMAL & MOISTURE PROT				619,372
	8000.000		DOORS & WINDOWS				
			DOORS: Metal With Frames				
	8100.000		Metal Doors	25.00 ea		345.75 /ea	8,644
			Metal Frames	150.00 ea		258.50 /ea	38,775
			Doors: Metal With Frames				47,419
	8210.010		Doors: Wood				
			Oak Solid Core 3-0 x 7-0	125.00 ea		430.75 /ea	53,844
			Doors: Wood				53,844
	8360.010		Doors: Overhead				
			Door OH Sectional Steel	1.00 ea		8,700.00 /ea	8,700

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



Providence Water Supply Board
 50,000 sqft Office Building
 Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Doors: Overhead				8,700
		8510.010	Windows: Metal				
			Aluminum Windows	5,500.00 sf		65.00 /sf	357,500
			Windows: Metal				357,500
		8700.000	Hardware: Finishing				
			Finishing Hardware Allowance	150.00 ea		428.50 /ea	64,275
			Panic Device	12.00 ea		888.00 /ea	10,656
			Door Closers	40.00 ea		269.25 /ea	10,650
			Hardware: Finishing				85,581
		8740.000	Hardware: Electromagnetic				
			Card Key Locking Hardware	10.00 ea		250.00 /ea	2,500
			Electromagnetic Door Holders	10.00 ea		155.00 /ea	1,550
			Hardware: Electromagnetic				4,050
			DOORS & WINDOWS				557,094
		9000.000	FINISHES				
		9000.010	Division 9 Subcontractors				
			Drywall Int Parts	21,806.00 sf		8.83 /sf	192,547
			Drywall Ext Parts	17,500.00 sf		11.55 /sf	202,125
			Ceramic Tile Floor	930.00 sf		13.50 /sf	12,555
			Ceramic Tile Walls	1,328.00 sf		14.00 /sf	18,592
			Acoustical Ceilings	45,500.00 ls		3.50 /ls	159,250
			Resilient Flooring	ls		/ls	

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island

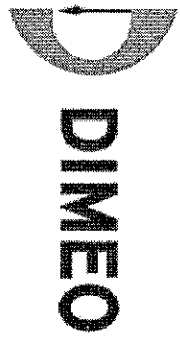


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		9000.010	Division 9 Subcontractors				
			Vinyl Base	5,034.00 lf		2.10 /lf	10,571
			Carpet	5,805.00 sy		27.00 /sy	156,735
			Painting Walls	42,790.00 sf		0.90 /sf	38,511
			Painting Ceilings	4,600.00 sf		0.85 /sf	3,910
			Painting Doors & Frames	150.00 ea		45.00 /ea	6,750
			Drywall Ceilings	2,600.00 sf		7.95 /sf	20,670
			Drywall Soffits	2,000.00 sf		9.55 /sf	19,100
			Division 9 Subcontractors				841,316
			FINISHES				841,316
	10000.000		SPECIALTIES				
		10100.010	Visual Display Boards				
			Operable Markerboards	4.00 ea		1,199.76 /ea	4,799
			Visual Display Boards				
		10160.010	Toilet Compartments				
			Toilet Compartments - phenolic	32.00 ea		950.12 /ea	30,404
			Urinal Screens	12.00 ea		450.04 /ea	5,400
			Toilet Compartments				35,804
		10200.000	Louvers and Vents				
			Wall Louver: Stationary	4.00 ea		1,199.76 /ea	4,799
			Louvers and Vents				
		10350.000	Flagspoles				
			Flagspoles				

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Providence, Rhode Island

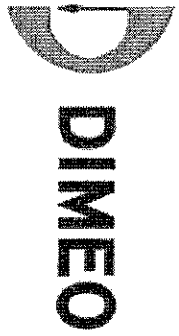


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	10350.000		Flagpoles	1.00 ea		1,499.94 /ea	1,500
			Flagpole				
			Flagpoles				1,500
	10430.010		Signs and Letters	1.00 ls		10,000.00 /ls	10,000
			Exterior Dimensional Letters				
			Interior Door Signage	175.00 ea		8.00 /ea	1,400
			Signs and Letters				11,400
	10521.010		Fire Extinguishers Etc	10.00 ea		80.24 /ea	802
			Fire Extinguishers				
			Fire Ext Cabinet	10.00 ea		151.40 /ea	1,514
			Fire Extinguishers Etc				2,316
	10800.010		Misc Toilet/Bath Equip	8.00 rm		1,500.10 /rm	12,001
			Toilet Accessories				
			Misc Toilet/Bath Equip				12,001
			SPECIALTIES				72,620
	11000.000		EQUIPMENT				
			Equip: Dock	1.00 ea		7,499.99 /ea	7,500
			Dock Leveler	2.00 ea		109.50 /ea	219
			Dock Bumpers	38.00 lf		50.25 /lf	1,910
			Dock Seals				
	11160.010						

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

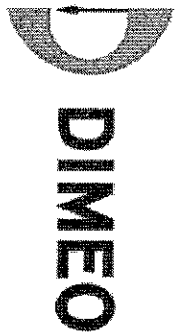


Providence Water Supply Board
50,000 sqft Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		11450.010	Equip: Dock				9,628
			Equip: Residential Food Refrigerator	3.00 ea		1,063.50 /ea	3,191
			Compactor Residential Size Microwave	3.00 ea		734.00 /ea	2,202
			Equip: Residential Food EQUIPMENT	3.00 ea		194.83 /ea	584
							<u>6,977</u>
		12000.000	FURNISHINGS				15,605
			Window Treatments				27,500
		12490.010	Blinds	5,500.00 sf		5.00 /sf	<u>27,500</u>
			Window Treatments				<u>27,500</u>
			FURNISHINGS				<u>27,500</u>
		13000.000	SPECIAL CONSTRUCTION				30,000
			Lightning Protection				30,000
		13100.000	Lightning Protection Sub	1.00 ls		30,000.00 /ls	<u>30,000</u>
			Lightning Protection				<u>30,000</u>
			SPECIAL CONSTRUCTION				<u>30,000</u>
		14000.000	CONVEYING SYSTEMS				75,000
			Elevators				75,000
		14200.010	Elevator Hydraulic	1.00 ea		74,999.99 /ea	74,999.99
			Elevator Freight Hydraulic	1.00 ea		100,000.00 /ea	100,000

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island

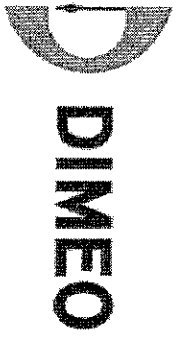


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	15000.000		Elevators CONVEYING SYSTEMS				<u>175,000</u> 175,000
	15300.010		MECHANICAL Sprinkler				
			Fire Protection (Sqft)	50,000.00 sf		4.50 /sf	225,000
			Pre-Action Sprinkler Systems Sprinkler	600.00 sf		20.00 /sf	12,000
							<u>237,000</u>
	15400.000		Plumbing Plumbing (Sqft) Plumbing				
			Plumbing (Sqft)	50,000.00 sf		6.00 /sf	300,000
			Plumbing				<u>300,000</u>
	15700.000		HVAC Systems HVAC (Sqft) HVAC Systems				
			HVAC (Sqft)	50,000.00 sf		25.00 /sf	1,250,000
			HVAC Systems				<u>1,250,000</u>
	15900.000		Controls Controls (Lump Sum) Controls				
			Controls (Lump Sum)	50,000.00 sf		5.00 /sf	250,000
			Controls				<u>250,000</u>
	16000.000		ELECTRICAL Electrical Complete				
			Electrical Complete	50,000.00 sf		27.00 /sf	1,350,000
			Electrical (Sqft)				<u>1,350,000</u>
	16000.010		ELECTRICAL Electrical Complete				
			Electrical Complete	50,000.00 sf		27.00 /sf	1,350,000
			Electrical (Sqft)				<u>1,350,000</u>
	16000.000		MECHANICAL MECHANICAL				
			MECHANICAL				<u>2,037,000</u>

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



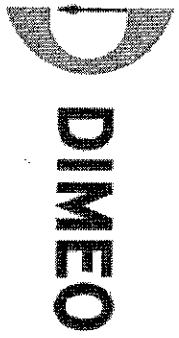
Providence Water Supply Board
50,000 sqft Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		16200.010	Electrical Complete				1,350,000
			Power Generation				75,000
			Generators	1.00 ea		75,000.00 /ea	75,000
			Power Generation				1,425,000
			ELECTRICAL				1,425,000
			HEADQUARTERS				10,889,678

DIMEO CONSTRUCTION COMPANY

Providence, Rhode Island



Providence Water Supply Board
50,000 sqft Office Building
Budget

1/12/2011

Partial Totals

Labor				
Material				
Subcontract				
Equipment				
Other				
	<u>10,889,678</u>	<u>10,889,678</u>		
FF&E \$20/SF Allowance				
Security - Booth Building	1,000,000			
	<u>1,000,000</u>	<u>11,889,678</u>		
Contingency				
	<u>594,484</u>	<u>12,484,162</u>		
	594,484	12,484,162		5.000 %
Escalation				
	<u>436,946</u>	<u>12,921,108</u>		
	436,946	12,921,108		3.500 %
Building Permit				
	<u>193,817</u>	<u>13,114,925</u>		
	193,817	13,114,925		1.500 %
G & L Insurance				
	<u>111,477</u>	<u>13,226,402</u>		
	111,477	13,226,402		8.500 \$ / #####

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island



Providence Water Supply Board
50,000 sqft Office Building
Budget

1/12/2011

	Partial Totals		
C.M. Fee (2.85%)	<u>376,952</u>	13,603,354	2.850 %
	376,952		
P&P Bond	<u>105,351</u>	13,708,705	0.725 %
	105,351		
Architects & Engineers Fees	822,522		6.000 %
Partial Total	14,531,227		290.625 /SF



Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget

1/12/2011

Estimator fxs

Job size 80000 sqft

Job cost job number 227-10

Notes
Office building is budgeted as an 80,000 sqft two story building. 40,000 sqft per floor. Concrete foundations, slab on grade steel framed construction.
An FF&E (Furnishings Allowance) of \$20 per SF (\$1,600,000) is included.



**Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
S HEADQUARTER							
	1000.000		GENERAL REQUIREMENTS				
		1000.103	PROJECT SUPERVISION				
			Project Executive	71.00 wk		1,096.00 /wk	77,816
			Project Manager	71.00 wk		2,880.00 /wk	204,480
			Project Engineer	71.00 wk		2,200.00 /wk	156,200
			Purchasing Agent	6.00 wk		3,300.00 /wk	19,800
			Safety Officer	71.00 wk		548.00 /wk	38,908
			Administrative Assistant (on-site)	71.00 wk		1,400.00 /wk	99,400
			Project Superintendent	71.00 wk		2,800.00 /wk	198,800
			Cost Control Management	71.00 wk		400.00 /wk	28,400
			PROJECT SUPERVISION				823,804
	1000.104		FIELD SUPPORT				
			Laborer, Full Time	71.00 wk		2,360.00 /wk	167,560
			FIELD SUPPORT				167,560
	1000.202		PRECONSTRUCTION SERVICES				
			Project Executive	70.00 mth		137.00 /mth	9,590
			Senior Estimator / Planner	240.00 mth		97.50 /mth	23,400
			Mech / Elec Coordinator	120.00 mth		82.50 /mth	9,900
			Purchasing Manager	80.00 mth		90.00 /mth	7,200
			Reimbursable Expenses Allowance	1.00 lsum		7,500.00 /lsum	7,500
			PRECONSTRUCTION SERVICES				57,590

DIMEO CONSTRUCTION COMPANY

Providence, Rhode Island

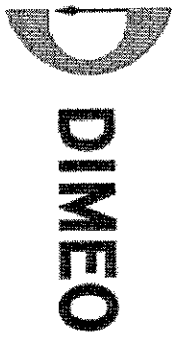


**Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		1000.300	SUBMITTALS & CONSULTANTS				
			Construction Schedule	16.00 ea		555.00 /ea	8,880
			Drawing / Document Reproduction	200.00 set		250.00 /set	50,000
			As Built Documentation	1.00 /sum		7,500.00 /sum	7,500
			Job Photographs	16.00 /month		250.00 /month	4,000
			SUBMITTALS & CONSULTANTS				70,380
		1000.400	QUALITY CONTROL				
			Testing and Inspection	1.00 /sum		25,000.00 /sum	25,000
			Mock-ups	1.00 /sum		7,500.00 /sum	7,500
			QUALITY CONTROL				32,500
		1000.510	TEMPORARY UTILITIES				
			Temporary Electric Power System	1.00 /sum		8,000.00 /sum	8,000
			Temporary Electric Power Consumption	16.00 /month		2,500.00 /month	40,000
			Temporary Heating System	4.00 /month		8,000.00 /month	32,000
			Temporary Heat - Fuel Consumption	4.00 /month		24,000.00 /month	96,000
			Telephone Connection Cost	1.00 /sum		2,500.00 /sum	2,500
			Telephone Usage Charge	16.00 /month		1,000.00 /month	16,000
			Temporary Water Service	1.00 /sum		1,000.00 /sum	1,000
			Temporary Water Usage Charge	16.00 /month		200.00 /month	3,200
			Temporary Toilets	16.00 /month		450.00 /month	7,200
			Fire Extinguishers	8.00 ea		75.00 /ea	450
			TEMPORARY UTILITIES				206,350
		1000.520	CONSTRUCTION AIDS				

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
1000.520			CONSTRUCTION AIDS				
			Temporary Use of Building Elevator	8.00 wk		2,000.00 /wk	16,000
			Pickup Truck	69.00 mnth		600.00 /mnth	41,400
			CONSTRUCTION AIDS				57,400
1000.530			BARRIERS & ENCLOSURES				
			Barricades	240.00 lf		25.00 /lf	6,000
			Temporary Fence	1,200.00 lf		7.50 /lf	9,000
			BARRIERS & ENCLOSURES				15,000
1000.540			SECURITY & SAFETY				
			Personal Protection Equipment	16.00 mnth		125.00 /mnth	2,000
			Safety Supplies	16.00 mnth		150.00 /mnth	2,400
			First Aid Supplies	16.00 mnth		250.00 /mnth	4,000
			SECURITY & SAFETY				8,400
1000.560			TEMPORARY CONTROLS				
			Daily Housekeeping	69.00 wk		1,180.00 /wk	81,420
			Rubbish / Dumpster Pulls	50.00 load		600.00 /load	30,000
			Final Cleanup (Sub)	80,000.00 sf		0.45 /sf	36,000
			Snow Removal	7.00 strm		750.00 /strm	5,250
			Weather Protection	6.00 mnth		7,500.00 /mnth	45,000
			TEMPORARY CONTROLS				197,670
1000.580			PROJECT SIGNS				
			Project Signs	1.00 ea		1,500.00 /ea	1,500

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

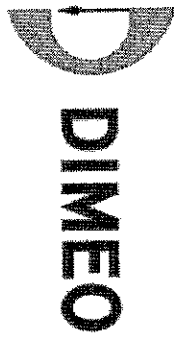


Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	1000.580		PROJECT SIGNS				
			Safety Signs	35.00 ea		40.00 /ea	1,400
			PROJECT SIGNS				2,900
	1000.590		FIELD OFFICES & STORAGE				
			Office Trailer Set-up	2.00 ea		3,000.00 /ea	6,000
			Office Trailer Lease (GC)	16.00 month		550.00 /month	8,800
			Copy Machine	16.00 month		250.00 /month	4,000
			Fax Machine, Purchase	1.00 ea		550.00 /ea	550
			Computer, Hardware and Software	1.00 ea		2,500.00 /ea	2,500
			Office Supplies	16.00 month		250.00 /month	4,000
			FIELD OFFICES & STORAGE				25,850
	1720.030		Layout				
			Layout (Own Forces)	1.00 ea		7,740.00 /ea	7,740
			Layout				7,740
			GENERAL REQUIREMENTS				
	1730.000		DEMOLITION				
			Demo: Subcontractors				63,000
			Sub: Demolition	12,600.00 SF		5.00 /SF	63,000
			Demo: Subcontractors				63,000
			DEMOLITION				63,000
	2000.000		SITework				

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island

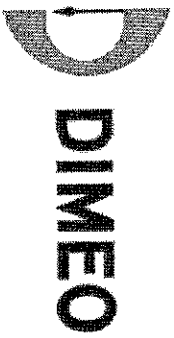


**Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
2100.000			Site Remediation				
			Excavation Removal & Handling Hazardous Materials	1.00 Allo		10,000.00 /Allo	10,000
			Site Remediation				<u>10,000</u>
2240.010			Dewater: General				
			Dewatering	1.00 ls		25,000.00 /ls	25,000
			Dewater: General				<u>25,000</u>
2310.020			Earthwkc: Site Grading				
			Remove Topsoil	2,387.00 cy		5.00 /cy	11,935
			Rough Grading	140,400.00 sf		0.25 /sf	35,100
			Earthwkc: Site Grading				<u>47,035</u>
2315.020			Earthwkc: Cut & Fill Etc				
			Bulk Cut	3,520.11 cy		4.40 /cy	15,488
			Bulk Fill	3,520.11 cy		4.40 /cy	15,488
			Gravel Borrow	1,760.06 cy		35.00 /cy	61,602
			Earthwkc: Cut & Fill Etc				<u>92,579</u>
2315.021			Earthwkc: Excav Foot/Misc				
			Excavate Footing By Machine	1,714.86 cy		30.00 /cy	51,440
			Earthwkc: Excav Foot/Misc				<u>51,440</u>
2315.024			Earthwkc: Fine Grade				
			Fine Grade	140,400.00 sf		0.30 /sf	42,120

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

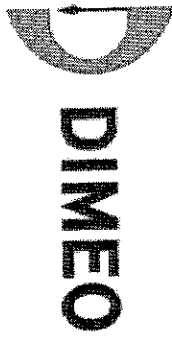


**Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Earthwkr: Fine Grade				<u>42,120</u>
		2315.070	Backfill: Foot Wall Misc	1,714.66 cy		17.38 /cy	29,801
			Backfill Footings & Walls	880.03 cy		35.00 /cy	30,801
			Gravel at slab				<u>60,602</u>
			Backfill: Foot Wall Misc				
		2340.010	Soil Stabilize /Erosion Ctrl	26.40 cy		35.00 /cy	924
			Soil Stabilize - Crush Rock	1,584.00 lf		5.00 /lf	7,920
			Siltation Fence	132.00 lf		10.00 /lf	1,320
			Hay Bales				<u>10,164</u>
			Soil Stabilize /Erosion Ctrl				
		2510.010	Utility Serv: Water	120.00 lf		45.45 /lf	5,454
			Water Line Cu Type K 2"	1.00 ea		1,800.00 /ea	1,800
			Valve Gate CI w/box 8"	180.00 LF		75.00 /LF	13,500
			Fire Line 8"				<u>20,754</u>
			Utility Serv: Water				
		2540.010	Utility Serv: Septic Tank	1.00 LSUM		80,000.00 /LSUM	80,000
			Sanitary Sewers				<u>80,000</u>
			Utility Serv: Septic Tank				
		2620.010	Drainage: French Drains	1,066.70 lf		30.00 /lf	32,001
			French Drain 4"				

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Drainage: French Drains				32,001
		2630.020	Drainage: Site Structures Storm Drainage System	1.00 LSUM		199,683.20 /LSUM	199,683
			Drainage: Site Structures				199,683
		2740.030	Paving: Asphalt 3" Asphalt Paving Base Course Compact 6" Deep	9,167.00 SY 1,530.00 CY		17.59 /SY 35.00 /CY	161,225 53,550 <u>214,775</u>
			Paving: Asphalt				214,775
		2750.035	Paving: Concrete Concrete Paving (sqft)	8,000.00 sf		6.83 /sf	54,600
			Paving: Concrete				54,600
		2760.030	Paving: Parking Lines Parking Lines	250.00 ea		10.00 /ea	2,499
			Paving: Parking Lines				2,499
		2770.010	Paving: Curbs & Gutters Plain Conc Curb 4000 psi	1,200.00 LF		24.00 /LF	28,800
			Paving: Curbs & Gutters				28,800
		2810.010	Improvements: Irrigation Sys Lawn Sprinkler System	10,000.00 sf		0.45 /sf	4,500
			Improvements: Irrigation Sys				4,500

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island

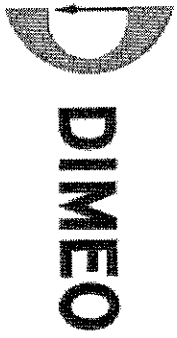


Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Improvmnts: IrrigationSys				4,500
		2820.010	Improvmnts: Fencing				
			Fence ChainLink Complete	1,760.00 lf		30.00 /lf	52,800
			Fence Ornamental Metal Complete	560.00 lf		125.00 /lf	70,000
			Improvmnts: Fencing				122,800
		2840.050	Improvmnts: Bollard/Rails				
			Pipe Bollard Steel Pipe 6"	12.00 ea		450.00 /ea	5,400
			Improvmnts: Bollard/Rails				5,400
		2840.080	Improvmnts: Parking Items				
			Site Electric	1.00 LS		80,000.00 /LS	80,000
			Improvmnts: Parking Items				80,000
		2900.010	Landscape: General				
			Landscaping - Allowance	1.00 LS		49,853.00 /LS	49,853
			Landscape: General				49,853
			SITENWORK				1,234,604
		3000.000	CONCRETE				
			Accessry: Waterstop				
		3150.100	Waterstop - Rubber	80.00 lf		1.74 /lf	139
			Accessry: Waterstop				139

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island

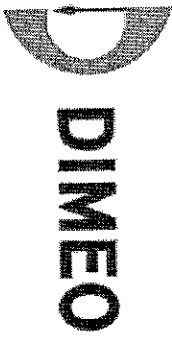


**Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget**

1/112/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		3210.050	Rebar: All Types Rebar - Lump Sum (tons) Rebar: All Types	13.63 ton		1,499.92 /ton	20,447 20,447
		3310.140	Conc: Footings Footng Conc Contin Footng Conc Col and Pft Conc: Footings	117.54 cy 102.40 cy		550.00 /cy 550.00 /cy	64,648 56,322 120,971
		3310.160	Conc: Walls Wall Conc 4000 psi Conc: Walls	167.23 cy		592.25 /cy	99,039 99,039
		3310.210	Conc: Slabs On Grade S.O.G. Conc 4000 psi Conc: Slabs On Grade	622.00 cy		304.88 /cy	189,635 189,635
		3310.320	Conc: Fill Pan Stairs Fill Pan Stairs 3000 psi Conc: Fill Pan Stairs	4.00 cy		628.30 /cy	2,513 2,513
		3310.380	Conc: Slab On Corruform Conc @ Curruform 4000 psi	740.00 cy		304.88 /cy	225,611 225,611

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

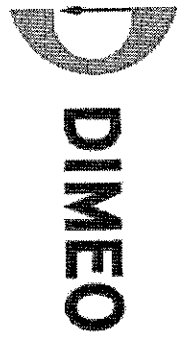


Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Conc: Slab On Corruform				225,611
	3350.100		Finish: General	80,000.00 sf		0.51 /sf	40,494
			Trowel Finish	400.00 sf		1.01 /sf	402
			Stair Finish				40,897
			Finish: General				699,252
			CONCRETE				
	4000.000		MASONRY				
		4000.010	Division 4 Subcontractors				
			Masonry - Brick Sub Labor/Matr	12,050.00 sf		42.50 /sf	512,125
			Cast Stone	1,152.00 cf		45.00 /cf	51,840
			Limr Stone	1,843.20 cf		125.00 /cf	230,400
			Masonry - Weather Prot & Temp Heat	20,050.00 sf		4.55 /sf	91,228
			Masonry - Scaffold	20,050.00 sf		6.25 /sf	125,313
			Division 4 Subcontractors				1,010,905
	4220.110		Conc. Block: 8"	5,520.00 ea		21.53 /ea	118,818
			Blk 8" Standard Face				118,818
			Conc. Block: 8"				
	4423.000		Stone Granite	1,200.00 sf		35.00 /sf	42,001
			Granite Floor Tile				42,001
			Stone Granite				42,001

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island

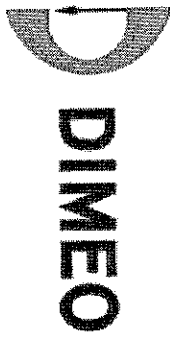


Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	5000.000		MASONRY				1,171,724
			METALS				
	5000.010		Division 5 Subcontractors				
			Structural Floor Framing 17#/sf	340.00 ton		3,100.00 /ton	1,054,000
			Structural Roof Framing 9#/sf	180.00 ton		3,100.00 /ton	558,000
			Metal Decking Sqft	80,000.00 sf		2.00 /sf	160,000
			Division 5 Subcontractors				1,772,000
	5505.010		Misc: Misc Metals				
			Misc Metals	80,000.00 sf		1.00 /sf	80,000
			Misc: Misc Metals				80,000
	5510.110		Stairs: Stair Parts				
			Steel Stairs	2.00 flr		12,500.00 /flr	25,000
			Stairs: Stair Parts				25,000
			METALS				1,877,000
	6000.000		WOOD & PLASTICS				
			Division 6 Subcontractors				
	6000.010		Millwork - Allowance	1.00 ls		300,000.00 /ls	300,000
			Division 6 Subcontractors				300,000
	6117.010		Blocking: Roof Nailers				
			Roof Nail PT 2 x 6 R.L.	7,360.23 bf		3.75 /bf	27,601

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island



**Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Blocking: Misc. Blocking 2 x 6 R.L.	8,000.00 bf		4.00 /bf	32,000
			Blocking: Misc.				32,000
			WOOD & PLASTICS				359,801
			THERMAL & MOISTURE PROT				
			Dampproofing: VaporBarrier	12,050.00 sf		6.18 /sf	74,469
			Vapor Barrier & Canly Insulation				74,469
			Dampproofing: VaporBarrier				
			Waterproofing: Other				
			Waterproof Iron Compound	520.00 sf		12.93 /sf	6,722
			Waterproofing: Other				
			Insulation: Board	3,150.61 sf		2.50 /sf	7,877
			Expanded Polystyrene 2 "				7,877
			Insulation: Board				
			Membrane: Elastomerc EPDM				
			EPDM .060 Thickness	40,000.00 sf		14.42 /sf	576,800
			Membrane: Elastomerc EPDM				
			Sheetmetal: Gravel Stop				

DIMEO CONSTRUCTION COMPANY

Providence, Rhode Island



**Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	8000.000		DOORS & WINDOWS				
	8100.000		Doors: Metal With Frames	40.00 ea		345.75 /ea	13,830
			Metal Doors	240.00 ea		258.50 /ea	62,040
			Metal Frames				75,870
	8210.010		Doors: Metal With Frames				
			Doors: Wood	200.00 ea		430.75 /ea	86,150
			Oak Solid Core 3-0 X7-0				86,150
			Doors: Wood				
	8360.010		Doors: Overhead	1.00 ea		8,700.00 /ea	8,700
			Door OH Sectional Steel				
	7920.010		Sealant - Jt Filler Gaskit	1.00 ls		79,980.00 /ls	79,980
			Caulk & Sealants				79,980
			Sealant - Jt Filler Gaskit				
			THERMAL & MOISTURE PROT				915,855
	7810.010		Fireproofing: Spray On	80,000.00 sf		2.00 /sf	160,000
			Fireprfg Sprayd Beams 2 hr				160,000
			Fireproofing: Spray On				
	7710.020		Sheetmetal: Gravel Stop	834.00 lf		12.00 /lf	10,008
			Gravel Stop 8" High				10,008
			Sheetmetal: Gravel Stop				

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

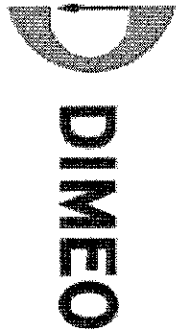


**Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Doors: Overhead				8,700
		8510.010	Windows: Metal				
			Aluminum Windows	8,800.00 sf		65.00 /sf	572,000
			Windows: Metal				572,000
		8700.000	Hardware: Finishing				
			Finishing Hardware Allowance	240.00 ea		428.50 /ea	102,840
			Panic Device	20.00 ea		888.00 /ea	17,760
			Door Closers	64.00 ea		266.25 /ea	17,040
			Hardware: Finishing				137,640
		8740.000	Hardware: Electromagnetic				
			Card Key Locking Hardware	16.00 ea		250.00 /ea	4,000
			Electromagnetic Door Holders	16.00 ea		155.00 /ea	2,480
			Hardware: Electromagnetic				6,480
			DOORS & WINDOWS				886,840
		9000.000	FINISHES				
		9000.010	Division 9 Subcontractors				
			Drywall Int Parts	34,889.60 sf		8.83 /sf	308,075
			Drywall Ext Parts	28,000.00 sf		11.55 /sf	323,400
			Ceramic Tile Floor	1,395.00 sf		13.50 /sf	18,833
			Ceramic Tile Walls	1,992.00 sf		14.00 /sf	27,888
			Acoustical Ceilings	72,800.00 ls		3.50 /ls	254,800
			Resilient Flooring				
							Is

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

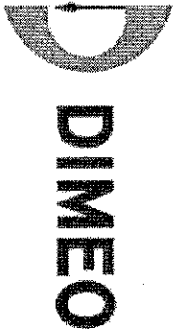


**Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		9000.010	Division 9 Subcontractors				
			Vinyl Base	8,054.40 lf		2.10 /lf	16,914
			Carpet	9,288.00 sy		27.00 /sy	250,776
			Painting Walls	68,464.00 sf		0.90 /sf	61,618
			Painting Ceilings	7,360.00 sf		0.85 /sf	6,256
			Painting Doors & Frames	240.00 ea		45.00 /ea	10,800
			Drywall Ceilings	4,160.00 sf		7.95 /sf	33,072
			Drywall Soffits	3,200.00 sf		9.55 /sf	30,560
			Division 9 Subcontractors				1,342,992
			FINISHES				1,342,992
		10000.000	SPECIALTIES				
		10100.010	Visual Display Boards	6.00 ea		1,199.76 /ea	7,199
			Operable Markboards				
			Visual Display Boards				7,199
		10160.010	Toilet Compartments	48.00 ea		950.12 /ea	45,606
			Toilet Compartments - phenolic	18.00 ea		450.04 /ea	8,101
			Urinal Screens				
			Toilet Compartments				53,706
		10200.000	Louvers and Vents	6.00 ea		1,199.76 /ea	7,199
			Wall Louver Stationary				
			Louvers and Vents				7,199
		10350.000	Flagpoles				

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

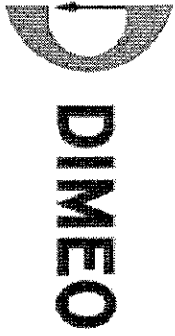


**Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	10350.000		Flagpoles	1.00 ea		1,499.94 /ea	1,500
			Flagpole				1,500
			Flagpoles				
	10430.010		Signs and Letters				
			Exterior Dimensional Letters	1.00 ls		10,000.00 /ls	10,000
			Interior Door Signage	280.00 ea		8.00 /ea	2,240
			Signs and Letters				12,240
	10521.010		Fire Extinguishers Etc				
			Fire Extinguishers	15.00 ea		80.24 /ea	1,204
			Fire Ext Cabinet	15.00 ea		151.40 /ea	2,271
			Fire Extinguishers Etc				3,475
	10600.000		Partitions				
			Folding Panel Partitions	360.00 sf		42.50 /sf	15,300
			Partitions				15,300
	10800.010		Misc Toilet/Bath Equip				
			Toilet Accessories	12.00 mm		1,500.10 /mm	18,001
			Misc Toilet/Bath Equip				18,001
			SPECIALTIES				118,619
	11000.000		EQUIPMENT				
			Equip: Dock				118,619

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		11450.010	Equip: Dock				
			Dock Leveler	1.00 ea		7,499.99 /ea	7,500
			Dock Bumpers	2.00 ea		109.50 /ea	219
			Dock Seals	38.00 lf		50.25 /lf	1,910
			Equip: Dock				9,628
		11450.010	Equip: Residential Food				
			Refrigerator	5.00 ea		1,063.50 /ea	5,318
			Compactor Residential Size	5.00 ea		734.00 /ea	3,670
			Microwave	5.00 ea		194.83 /ea	974
			Equip: Residential Food				9,962
			EQUIPMENT				19,590
		12000.000	FURNISHINGS				
		12490.010	Window Treatments				
			Blinds	8,800.00 sf		5.00 /sf	44,000
			Window Treatments				44,000
			FURNISHINGS				44,000
		13000.000	SPECIAL CONSTRUCTION				
		13100.000	Lightning Protection				
			Lightning Protection Sub	1.00 ls		32,001.00 /ls	32,001
			Lightning Protection				32,001
			SPECIAL CONSTRUCTION				32,001

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

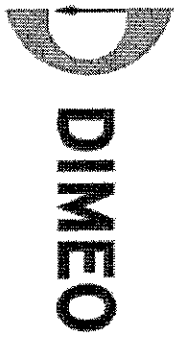


**Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	14000.000		CONVEYING SYSTEMS				
		14200.010	Elevators				
			Elevator Hydraulic	1.00 ea		75,000.00 /ea	75,000
			Elevator Freight Hydraulic	1.00 ea		100,000.00 /ea	100,000
			Elevators				175,000
			CONVEYING SYSTEMS				175,000
	15000.000		MECHANICAL				
		15300.010	Sprinkler				
			Fire Protection (Sqft)	80,000.00 sf		4.50 /sf	360,000
			Pre-Action Sprinkler Systems	600.00 sf		20.00 /sf	12,000
			Sprinkler				372,000
	15400.000		Plumbing				
			Plumbing (Sqft)	80,000.00 sf		6.00 /sf	480,000
			Plumbing				480,000
	15700.000		HVAC Systems				
			HVAC (Sqft)	80,000.00 sf		25.00 /sf	2,000,000
			HVAC Systems				2,000,000
	15900.000		Controls				
			Controls (Lump Sum)	80,000.00 sf		5.00 /sf	400,000

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Controls				400,000
			MECHANICAL				3,252,000
	16000.000		ELECTRICAL				
		16000.010	Electrical Complete	80,000.00 sf		27.00 /sf	2,160,000
			Electrical Complete				2,160,000
	16200.010		Power Generation				
			Generators	1.00 ea		93,750.00 /ea	93,750
			Power Generation				93,750
			ELECTRICAL				2,253,750
			HEADQUARTERS				16,118,972



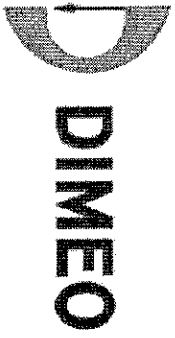
Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget

1/12/2011

Estimate Totals

Labor			
Material			
Subcontract			
Equipment			
Other			
	<u>16,118,972</u>	<u>16,118,972</u>	
FF&E \$20/SF Allowance	1,600,000		
Security - Booth Building	<u>1,600,000</u>	<u>17,718,972</u>	
Contingency	885,949	18,604,921	5.000 %
Escalation	<u>651,172</u>	<u>19,256,093</u>	3.500 %
Building Permit	<u>288,841</u>	<u>19,544,934</u>	1.500 %
G & L Insurance	<u>166,132</u>	<u>19,711,066</u>	8.500 \$ / #####

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



Providence Water Supply Board
80,000 sqft Two Story Office Building
Budget

1/12/2011

	Estimate Totals	
C.M. Fee (2.85%)	<u>561,765</u>	2.850 %
	561,765	20,272,831
P&P Bond	<u>157,003</u>	0.725 %
	157,003	20,429,834
Architects & Engineers Fees	<u>1,225,790</u>	6.000 %
	Total	21,655,624
		270.695 /sqft

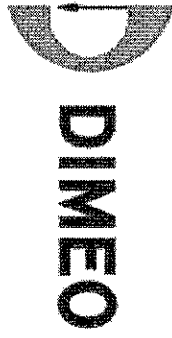


**Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget**

1/12/2011

Estimator	txs
Job size	80000 sqft
Job cost job number	227-10

Notes
Office building is budgeted as an 80,000 sqft three story building.
26,667 sqft per floor. Concrete foundations, slab on grade steel framed construction.
An FF&E (Furnishings Allowance) of \$20 per SF (\$1,600,000) is included.



Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
S HEADQUARTER							
	1000.000		GENERAL REQUIREMENTS				
		1000.103	PROJECT SUPERVISION				
			Project Executive	71.00 wk		1,096.00 /wk	77,816
			Project Manager	71.00 wk		2,880.00 /wk	204,480
			Project Engineer	71.00 wk		2,200.00 /wk	156,200
			Purchasing Agent	6.00 wk		3,300.00 /wk	19,800
			Safety Officer	71.00 wk		548.00 /wk	38,908
			Administrative Assistant (on-site)	71.00 wk		1,400.00 /wk	99,400
			Project Superintendent	71.00 wk		2,800.00 /wk	198,800
			Cost Control Management	71.00 wk		400.00 /wk	28,400
			PROJECT SUPERVISION				823,904
		1000.104	FIELD SUPPORT				
			Laborer, Full Time	71.00 wk		2,360.00 /wk	167,560
			FIELD SUPPORT				167,560
		1000.202	PRECONSTRUCTION SERVICES				
			Project Executive	70.00 mh		137.00 /mh	9,590
			Senior Estimator / Planner	240.00 mh		97.50 /mh	23,400
			Mech / Elec Coordinator	120.00 mh		82.50 /mh	9,900
			Purchasing Manager	80.00 mh		90.00 /mh	7,200
			Reimbursable Expenses Allowance	1.00 lsum		7,500.00 /lsum	7,500
			PRECONSTRUCTION SERVICES				57,590

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island

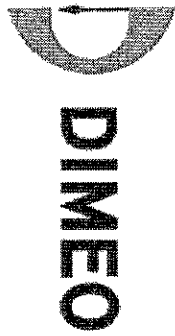


**Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		1000.300	SUBMITTALS & CONSULTANTS				
			Construction Schedule	16.00 ea		555.00 /ea	8,880
			Drawing / Document Reproduction	200.00 set		250.00 /set	50,000
			As Built Documentation	1.00 /sum		7,500.00 /sum	7,500
			Job Photographs	16.00 /mth		250.00 /mth	4,000
			SUBMITTALS & CONSULTANTS				70,380
		1000.400	QUALITY CONTROL				
			Testing and Inspection	1.00 /sum		25,000.00 /sum	25,000
			Mock-ups	1.00 /sum		7,500.00 /sum	7,500
			QUALITY CONTROL				32,500
		1000.510	TEMPORARY UTILITIES				
			Temporary Electric Power System	1.00 /sum		8,000.00 /sum	8,000
			Temporary Electric Power Consumption	16.00 /mth		2,500.00 /mth	40,000
			Temporary Heating System	4.00 /mth		8,000.00 /mth	32,000
			Temporary Heat - Fuel Consumption	4.00 /mth		24,000.00 /mth	96,000
			Telephone Connection Cost	1.00 /sum		2,500.00 /sum	2,500
			Telephone Usage Charge	16.00 /mth		1,000.00 /mth	16,000
			Temporary Water Service	1.00 /sum		1,000.00 /sum	1,000
			Temporary Water Usage Charge	16.00 /mth		200.00 /mth	3,200
			Temporary Toilets	16.00 /mth		450.00 /mth	7,200
			Fire Extinguishers	6.00 ea		75.00 /ea	450
			TEMPORARY UTILITIES				206,350
		1000.520	CONSTRUCTION AIDS				

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		1000.520	CONSTRUCTION AIDS				
			Temporary Use of Building Elevator Pickup Truck	8.00 wk		2,000.00 /wk	16,000
			CONSTRUCTION AIDS				
				69.00 mnth		600.00 /mnth	41,400
							57,400
		1000.530	BARRIERS & ENCLOSURES				
			Barricades	240.00 lf		25.00 /lf	6,000
			Temporary Fence	1,200.00 lf		7.50 /lf	9,000
			BARRIERS & ENCLOSURES				15,000
		1000.540	SECURITY & SAFETY				
			Personal Protection Equipment	16.00 mnth		125.00 /mnth	2,000
			Safety Supplies	16.00 mnth		150.00 /mnth	2,400
			First Aid Supplies	16.00 mnth		250.00 /mnth	4,000
			SECURITY & SAFETY				8,400
		1000.560	TEMPORARY CONTROLS				
			Daily Housekeeping	69.00 wk		1,180.00 /wk	81,420
			Rubbish / Dumpster Pulls	50.00 load		600.00 /load	30,000
			Final Cleanup (Sub)	80,000.00 sf		0.45 /sf	36,000
			Snow Removal	7.00 strm		750.00 /strm	5,250
			Weather Protection	6.00 mnth		7,500.00 /mnth	45,000
			TEMPORARY CONTROLS				197,670
		1000.580	PROJECT SIGNS				
			Project Signs	1.00 ea		1,500.00 /ea	1,500

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island



**Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		1000.580	PROJECT SIGNS				
			Safety Signs	35.00 ea		40.00 /ea	1,400
			PROJECT SIGNS				2,900
		1000.590	FIELD OFFICES & STORAGE				
			Office Trailer Set-up	2.00 ea		3,000.00 /ea	6,000
			Office Trailer Lease (GC)	16.00 mnth		550.00 /mnth	8,800
			Copy Machine	16.00 mnth		250.00 /mnth	4,000
			Fax Machine, Purchase	1.00 ea		550.00 /ea	550
			Computer, Hardware and Software	1.00 ea		2,500.00 /ea	2,500
			Office Supplies	16.00 mnth		250.00 /mnth	4,000
			FIELD OFFICES & STORAGE				25,850
		1720.030	LAYOUT				
			Layout (Own Forces)	1.00 ea		7,740.00 /ea	7,740
			LAYOUT				7,740
			GENERAL REQUIREMENTS				1,673,144
		1730.000	DEMOLITION				
			Demo: Subcontractors				63,000
			Sub: Demolition	12,600.00 SF		5.00 /SF	63,000
			Demo: Subcontractors				63,000
			DEMOLITION				63,000
		2000.000	SITWORK				

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
2100.000			Site Remediation				
			Excavation Removal & Handling Hazardous Materials	1.00 Allo		10,000.00 /Allo	10,000
			Site Remediation				<u>10,000</u>
2240.010			Dewater: General				
			Dewatering	1.00 ls		25,000.00 /ls	25,000
			Dewater: General				<u>25,000</u>
2310.020			Earthwk: Site Grading				
			Remove Topsoil	2,170.00 cy		5.00 /cy	10,850
			Rough Grading	127,100.00 sf		0.25 /sf	31,775
			Earthwk: Site Grading				<u>42,625</u>
2315.020			Earthwk: Cut & Fill Etc				
			Bulk Cut	3,200.10 cy		4.40 /cy	14,080
			Bulk Fill	3,200.10 cy		4.40 /cy	14,080
			Gravel Borrow	1,600.05 cy		35.00 /cy	56,002
			Earthwk: Cut & Fill Etc				<u>84,163</u>
2315.021			Earthwk: Excav Footw/Misc				
			Excavate Footing By Machine	1,509.38 cy		30.00 /cy	45,281
			Earthwk: Excav Footw/Misc				<u>45,281</u>
2315.024			Earthwk: Fine Grade				
			Fine Grade	127,100.00 sf		0.30 /sf	38,130

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island



**Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Earthwkc: Fine Grade				38,130
		2315.070	Backfill: Foot Wall Misc Backfill Footings & Walls Gravel at slab	1,509.38 cy 586.69 cy		17.38 /cy 35.00 /cy	26,233 <u>20,594</u>
			Backfill: Foot Wall Misc				46,797
		2340.010	Soil Stabilize /Erosion Ctrl Soil Stabilize - Crush Rock Sitiation Fence Hay Bales	24.00 cy 1,440.00 lf 120.00 lf		35.00 /cy 5.00 /lf 10.00 /lf	840 7,200 <u>1,200</u>
			Soil Stabilize /Erosion Ctrl				9,240
		2510.010	Utility Serv: Water Water Line Cu Type K 2" Valve Gate Cl w/box 8" Fire Line 8"	120.00 lf 1.00 ea 180.00 LF		45.45 /lf 1,800.00 /ea 75.00 /LF	5,454 1,800 <u>13,500</u>
			Utility Serv: Water				20,754
		2540.010	Utility Serv: Septic Tank Sanitary Sewers Utility Serv: Septic Tank	1.00 LSUM		80,000.00 /LSUM	80,000
			Utility Serv: Septic Tank				80,000
		2620.010	Drainage: French Drains French Drain 4"	1,066.70 lf		30.00 /lf	32,001
			Drainage: French Drains				32,001

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Drainage: French Drains				<u>32,001</u>
		2630.020	Drainage: Site Structures Storm Drainage System Drainage: Site Structures	1.00 LSUM		199,683.20 /LSUM	<u>199,683</u> 199,683
		2740.030	Paving: Asphalt 3" Asphalt Paving Base Course Compact 6" Deep Paving: Asphalt	9,167.00 sy 1,530.00 CY		17.59 /sy 35.00 /CY	<u>161,225</u> <u>53,550</u> 214,775
		2750.035	Paving: Concrete Concrete Paving (sqft) Paving: Concrete	8,000.00 sf		6.83 /sf	<u>54,600</u> 54,600
		2760.030	Paving: Parking Lines Parking Lines Paving: Parking Lines	250.00 ea		10.00 /ea	<u>2,499</u> 2,499
		2770.010	Paving: Curbs & Gutters Plain Conc Curb 4000 psi Paving: Curbs & Gutters	1,200.00 LF		24.00 /LF	<u>28,800</u> 28,800
		2810.010	Improvmnts: IrrigationSys Lawn Sprinkler System	10,000.00 sf		0.45 /sf	<u>4,500</u>

DIMEO CONSTRUCTION COMPANY

Providence, Rhode Island



Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Improvmnts: IrrigationSys				4,500
		2820.010	Improvmnts: Fencing				
			Fence ChainLink Complete	1,600.00 lf		30.00 /lf	48,000
			Fence Ornamental Metal Complete	560.00 lf		125.00 /lf	70,000
			Improvmnts: Fencing				118,000
		2840.060	Improvmnts: Bollard/Rails				
			Pipe Bollard Steel Pipe 6"	12.00 ea		450.00 /ea	5,400
			Improvmnts: Bollard/Rails				5,400
		2840.080	Improvmnts: Parking Items				
			Site Electric	1.00 LS		80,000.00 /LS	80,000
			Improvmnts: Parking Items				80,000
		2900.010	Landscapae: General				
			Landscaping - Allowance	1.00 LS		49,853.00 /LS	49,853
			Landscapae: General				49,853
			SITWORK				1,192,071
		3000.000	CONCRETE				
		3150.100	Accessry: Waterstop				
			Waterstop - Rubber	80.00 lf		1.74 /lf	139
			Accessry: Waterstop				139

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island

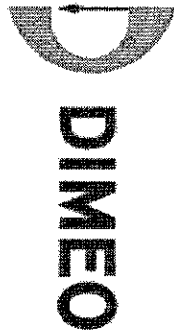


**Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		3210.050	Rebar: All Types Rebar - Lump Sum (tons) Rebar: All Types	12.00 ton		1,499.92 /ton	17,999
		3310.140	Conc: Footings Footng Conc Contin Footng Conc Col and Pit Conc: Footings	103.47 cy 68.27 cy		550.00 /cy 550.00 /cy	56,909 37,548
		3310.160	Conc: Walls Wall Conc 4000 psi Conc: Walls	147.21 cy		592.25 /cy	87,182
		3310.210	Conc: Slabs On Grade S.O.G. Conc 4000 psi Conc: Slabs On Grade	405.35 cy		304.88 /cy	123,582
		3310.320	Conc: Fill Pan Stairs Fill Pan Stairs 3000 psi Conc: Fill Pan Stairs	8.00 cy		628.30 /cy	5,026
		3310.380	Conc: Slab On Corruform Conc @ Curruform 4000 psi	938.70 cy		304.88 /cy	286,191

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		3350.100	Conc: Slab On Corruform				286,191
			Finish: General				
			Trowel Finish	80,000.00 sf		0.51 /sf	40,494
			Stair Finish	800.00 sf		1.01 /sf	805
			Finish: General				41,299
			CONCRETE				665,875
		4000.000	MASONRY				
			Division 4 Subcontractors				
			Masonry - Brick Sub Labor/Matr	15,408.00 sf		42.50 /sf	654,840
			Cast Stone	1,600.00 cf		45.00 /cf	72,000
			Lime Stone	2,560.00 cf		125.00 /cf	320,000
			Masonry - Weather Prot & Temp Heat	28,000.00 sf		4.55 /sf	127,400
			Masonry - Scaffold	28,000.00 sf		6.25 /sf	175,000
			Division 4 Subcontractors				1,349,240
		4220.110	Conc. Block: 8"				
			Blk 8" Standard Face	8,832.00 ea		21.53 /ea	190,109
			Conc. Block: 8"				190,109
		4423.000	Stone Granite				
			Granite Floor Tile	1,200.00 sf		35.00 /sf	42,001
			Stone Granite				42,001

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island

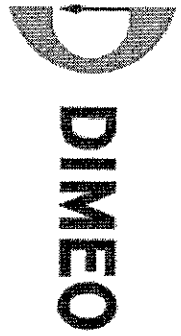


Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	5000.000	5000.010	MASONRY				1,581,349
			METALS				
			Division 5 Subcontractors				
			Structural Floor Framing 17#/sf	453.00 ton		3,100.00 /ton	1,404,300
			Structural Roof Framing 9#/sf	120.00 ton		3,100.00 /ton	372,000
			Metal Decking Sqft	80,000.00 sf		2.00 /sf	160,000
			Division 5 Subcontractors				1,936,300
	5505.010	5505.010	Misc: Misc Metals			1.00 /sf	80,000
			Misc Metals	80,000.00 sf			
			Misc: Misc Metals				80,000
	5510.110	5510.110	Stairs: Stair Parts				50,000
			Steel Stairs	4.00 ft		12,500.00 /ft	
			Stairs: Stair Parts				50,000
			METALS				2,066,300
	6000.000	6000.000	WOOD & PLASTICS				
			Division 6 Subcontractors				
			Millwork - Allowance	1.00 ls		300,000.00 /ls	300,000
			Division 6 Subcontractors				300,000
	6117.010	6117.010	Blocking: Roof Nailers				18,401
			Roof Nail PT 2 X 6 R.L.	4,906.82 bf		3.75 /bf	
			Blocking: Roof Nailers				18,401

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island



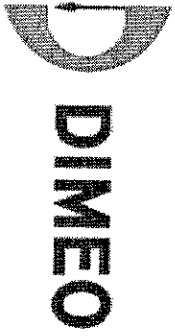
**Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		6117.020	Blocking: Misc. Blocking 2 x 6 R.L.	8,000.00 bf		4.00 /bf	32,000
			Blocking: Misc.				32,000
			WOOD & PLASTICS				350,401
		7000.000	THERMAL & MOISTURE PROT				
		7111.010	Dampproofing: VapBarrier Vapor Barrier & Cantly Insulation Dampproofing: VapBarrier	19,200.00 sf		6.18 /sf	118,656
		7139.010	Waterproofing: Other Waterproof Iron Compound Waterproofing: Other	520.00 sf		12.93 /sf	6,722
		7210.040	Insulation: Board Expanded Polystyrene 2 " Insulation: Board	2,773.42 sf		2.50 /sf	6,934
		7530.010	Membrane: Elastomerc EPDM EPDM .060 Thickness Membrane: Elastomerc EPDM	26,666.00 sf		14.42 /sf	384,524
		7710.020	Sheetmetal: Gravel Stop				384,524

DIMEO CONSTRUCTION COMPANY

Providence, Rhode Island

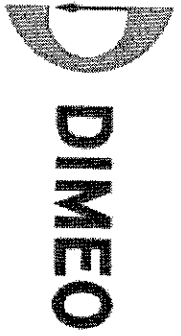


**Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	7710.020		Sheetmetal: Gravel Stop Gravel Stop 8" High	734.00 lf		12.00 /lf	8,808
			Sheetmetal: Gravel Stop				8,808
	7810.010		Fireproofing: Spray On Fireprfg Sprayd Beams 2 hr	80,000.00 sf		2.00 /sf	160,000
			Fireproofing: Spray On				160,000
	7920.010		Sealant - Jt Filler Gaskt Caulk & Sealants	1.00 ls		79,980.00 /ls	79,980
			Sealant - Jt Filler Gaskt				79,980
			THERMAL & MOISTURE PROT				765,623
	8000.000		DOORS & WINDOWS				
	8100.000		Doors: Metal With Frames Metal Doors	40.00 ea		345.75 /ea	13,830
			Metal Frames	240.00 ea		258.50 /ea	62,040
			Doors: Metal With Frames				75,870
	8210.010		Doors: Wood Oak Solid Core 3-0 x 7-0	200.00 ea		430.75 /ea	86,150
			Doors: Wood				86,150
	8360.010		Doors: Overhead Door OH Sectional Steel	1.00 ea		8,700.00 /ea	8,700

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Doors: Overhead				8,700
		8510.010	Windows: Metal				
			Aluminum Windows	8,800.00 sf		65.00 /sf	572,000
			Windows: Metal				572,000
		8700.000	Hardware: Finishing				
			Finishing Hardware Allowance	240.00 ea		428.50 /ea	102,840
			Panic Device	20.00 ea		888.00 /ea	17,760
			Door Closers	64.00 ea		266.25 /ea	17,040
			Hardware: Finishing				137,640
		8740.000	Hardware: Electromagnetic				
			Card Key Locking Hardware	16.00 ea		250.00 /ea	4,000
			Electromagnetic Door Holders	16.00 ea		155.00 /ea	2,480
			Hardware: Electromagnetic				6,480
			DOORS & WINDOWS				885,840
		9000.000	FINISHES				
		9000.010	Division 9 Subcontractors				
			Drywall Int Parts	34,889.60 sf		8.83 /sf	308,075
			Drywall Ext Parts	28,000.00 sf		11.55 /sf	323,400
			Ceramic Tile Floor	1,396.00 sf		13.50 /sf	18,833
			Ceramic Tile Walls	1,992.00 sf		14.00 /sf	27,888
			Acoustical Ceilings	72,800.00 ls		3.50 /ls	254,800
			Resilient Flooring				
							//s

DIMEO CONSTRUCTION COMPANY

Providence, Rhode Island



**Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	10000.000		SPECIALTIES				
	10100.010		Visual Display Boards	6.00 ea		1,199.76 /ea	7,199
			Operable Markerboards				7,199
			Visual Display Boards				7,199
	10160.010		Toilet Compartments				
			Toilet Compartments - phenolic	48.00 ea		950.12 /ea	45,606
			Urinal Screens	18.00 ea		450.04 /ea	8,101
			Toilet Compartments				53,706
	10200.000		Louvers and Vents				
			Wall Louver: Stationary	6.00 ea		1,199.76 /ea	7,199
			Louvers and Vents				7,199
	10350.000		Flagpoles				
			Flagpoles				
			FINISHES				
			Division 9 Subcontractors				1,342,992
							1,342,992
			Vinyl Base	8,054.40 lf		2.10 /lf	16,914
			Carpet	9,288.00 sy		27.00 /sy	250,776
			Painting Walls	68,464.00 sf		0.90 /sf	61,618
			Painting Ceilings	7,360.00 sf		0.85 /sf	6,256
			Painting Doors & Frames	240.00 ea		45.00 /ea	10,800
			Drywall Ceilings	4,160.00 sf		7.95 /sf	33,072
			Drywall Soffits	3,200.00 sf		9.55 /sf	30,560

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

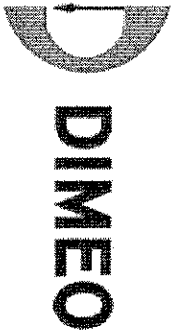


**Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	10350.000		Flagpoles	1.00 ea		1,499.94 /ea	1,500
			Flagpole				
			Flagpoles				
	10430.010		Signs and Letters	1.00 ls		10,000.00 /ls	10,000
			Exterior Dimensional Letters				
			Interior Door Signage	280.00 ea		8.00 /ea	2,240
			Signs and Letters				12,240
	10521.010		Fire Extinguishers Etc	15.00 ea		80.24 /ea	1,204
			Fire Extinguishers				
			Fire Ext Cabinet	15.00 ea		151.40 /ea	2,271
			Fire Extinguishers Etc				3,475
	10600.000		Partitions	360.00 sf		42.50 /sf	15,300
			Folding Panel Partitions				
			Partitions				
	10800.010		Misc Toilet/Bath Equip	12.00 mm		1,500.10 /mm	18,001
			Toilet Accessories				
			Misc Toilet/Bath Equip				
			SPECIALTIES				118,619
	11000.000		EQUIPMENT				
			Equip: Dock				
	11160.010		EQUIPMENT				
			Equip: Dock				

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

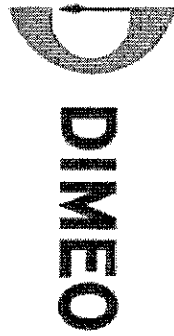


**Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget**

1/11/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		11160.010	Equip: Dock				
			Dock Leveler	1.00 ea		7,499.99 /ea	7,500
			Dock Bumpers	2.00 ea		109.50 /ea	219
			Dock Seals	38.00 lf		50.25 /lf	1,910
			Equip: Dock				9,628
		11450.010	Equip: Residential Food				
			Refrigerator	5.00 ea		1,063.50 /ea	5,318
			Compactor Residential Size	5.00 ea		734.00 /ea	3,670
			Microwave	5.00 ea		194.83 /ea	974
			Equip: Residential Food				9,962
			EQUIPMENT				19,590
		12000.000	FURNISHINGS				
		12490.010	Window Treatments				
			Blinds	8,800.00 sf		5.00 /sf	44,000
			Window Treatments				44,000
			FURNISHINGS				44,000
		13000.000	SPECIAL CONSTRUCTION				
		13100.000	Lightning Protection				
			Lightning Protection Sub	1.00 ls		32,001.00 /ls	32,001
			Lightning Protection				32,001
			SPECIAL CONSTRUCTION				32,001

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget

1/12/2014

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	144000.000		CONVEYING SYSTEMS				
		14200.010	Elevators	1.00 ea		95,000.00 /ea	95,000
			Elevator Hydraulic				
			Elevator Freight Hydraulic	1.00 ea		120,000.00 /ea	120,000
			Elevators				<u>215,000</u>
			CONVEYING SYSTEMS				<u>215,000</u>
	15000.000		MECHANICAL				
		15300.010	Sprinkler				
			Fire Protection (Sqft)	80,000.00 sf		4.50 /sf	360,000
			Pre-Action Sprinkler Systems	600.00 sf		20.00 /sf	12,000
			Sprinkler				<u>372,000</u>
		15400.000	Plumbing				
			Plumbing (Sqft)	80,000.00 sf		6.00 /sf	480,000
			Plumbing				<u>480,000</u>
		15700.000	HVAC Systems				
			HVAC (Sqft)	80,000.00 sf		25.00 /sf	2,000,000
			HVAC Systems				<u>2,000,000</u>
		15900.000	Controls				
			Controls (Lump Sum)	80,000.00 sf		5.00 /sf	400,000

DIMEO CONSTRUCTION COMPANY

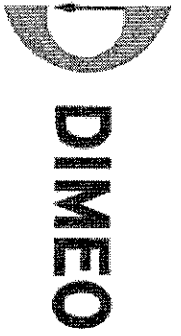
Providence, Rhode Island



**Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	16000.000		MECHANICAL				400,000
			Controls				3,252,000
	16000.010		ELECTRICAL				2,160,000
			Electrical Complete	80,000.00 sf		27.00 /sf	2,160,000
	16200.010		ELECTRICAL				93,750
			Power Generation	1.00 ea		93,750.00 /ea	93,750
			Generators				93,750
			Power Generation				2,253,750
			ELECTRICAL				16,512,555
			HEADQUARTERS				



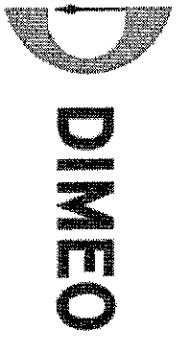
Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget

1/12/2011

Estimate Totals

Labor				
Material				
Subcontract				
Equipment				
Other				
	<u>16,512,555</u>		<u>16,512,555</u>	
FF&E \$20/SF Allowance		1,600,000		
Security - Booth Building		<u>1,600,000</u>	18,112,555	
Contingency		<u>905,628</u>		5.000 %
		905,628	19,018,183	
Escalation		<u>665,636</u>		3.500 %
		665,636	19,683,819	
Building Permit		<u>295,257</u>		1.500 %
		295,257	19,979,076	
G & L Insurance		<u>169,822</u>		8.500 \$ / #####
		169,822	20,148,898	

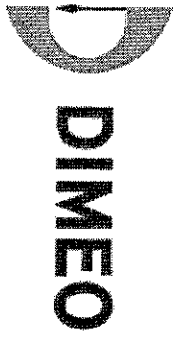
DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island



Providence Water Supply Board
80,000 sqft Three Story Office Building
Budget

1/12/2011

	Estimate Totals		
C.M. Fee (2.85%)	<u>574,244</u>		2.850 %
	574,244	20,723,142	
P&P Bond	<u>160,491</u>		0.725 %
	160,491	20,883,633	
Architects & Engineers Fees	1,253,018		6.000 %
	Total	22,136,651	276.708 /sqft



**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

1/12/2011

Estimator *fxs*
Job size 60000 SF
Job cost job number 227-10

Notes
Maintenance building is budgeted as a 60,000 sqft one story building.
Concrete foundations, slab on grade steel framed construction,
concrete block and brick exterior veneer.
An FF&E (Furnishings Allowance) of \$30,000 in included

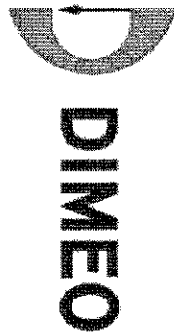


**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
VEHICLE MAINT.							
	1000.000		GENERAL REQUIREMENTS				
	1000.103		PROJECT SUPERVISION				
			Project Engineer	52.00 wk		2,200.00 /wk	114,400
			Purchasing Agent	6.00 wk		3,300.00 /wk	19,800
			Safety Officer	52.00 wk		548.00 /wk	28,496
			Project Superintendent	52.00 wk		2,800.00 /wk	145,600
			Cost Control Management	52.00 wk		400.00 /wk	20,800
			PROJECT SUPERVISION				329,096
	1000.104		FIELD SUPPORT				
			Laborer, Full Time	52.00 wk		2,360.00 /wk	122,720
			FIELD SUPPORT				122,720
	1000.202		PRECONSTRUCTION SERVICES				
			Project Executive	50.00 mh		137.00 /mh	6,850
			Senior Estimator / Planner	200.00 mh		97.50 /mh	19,500
			Mech / Elec Coordinator	120.00 mh		82.50 /mh	9,900
			Purchasing Manager	80.00 mh		90.00 /mh	7,200
			Reimbursable Expenses Allowance	1.00 /sum		5,000.00 /sum	5,000
			PRECONSTRUCTION SERVICES				48,450
	1000.300		SUBMITTALS & CONSULTANTS				
			Construction Schedule	12.00 ea		555.00 /ea	6,660
			Drawing / Document Reproduction	200.00 set		250.00 /set	50,000
			As Built Documentation	1.00 /sum		7,500.00 /sum	7,500

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		1000.300	SUBMITTALS & CONSULTANTS				
			Job Photographs	12.00 mnth		250.00 /mnth	3,000
			SUBMITTALS & CONSULTANTS				67,160
		1000.510	TEMPORARY UTILITIES				
			Temporary Electric Power System	1.00 lsum		5,000.00 /lsum	5,000
			Temporary Electric Power Consumption	12.00 mnth		1,750.00 /mnth	21,000
			Temporary Heating System	4.00 mnth		5,000.00 /mnth	20,000
			Temporary Heat - Fuel Consumption	4.00 mnth		15,000.00 /mnth	60,000
			Telephone Usage Charge	12.00 mnth		1,000.00 /mnth	12,000
			Temporary Water Usage Charge	12.00 mnth		200.00 /mnth	2,400
			Temporary Toilets	12.00 mnth		450.00 /mnth	5,400
			Fire Extinguishers	4.00 ea		75.00 /ea	300
			TEMPORARY UTILITIES				126,100
		1000.530	BARRIERS & ENCLOSURES				
			Temporary Fence	1,600.00 lf		7.50 /lf	12,000
			BARRIERS & ENCLOSURES				12,000
		1000.560	TEMPORARY CONTROLS				
			Daily Housekeeping	62.00 wk		1,180.00 /wk	61,360
			Rubbish / Dumpster Pulls	36.00 load		600.00 /load	21,600
			Final Cleanup (Sub)	60,000.00 sf		0.45 /sf	27,000
			Weather Protection	6.00 mnth		7,500.00 /mnth	45,000
			TEMPORARY CONTROLS				154,960

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

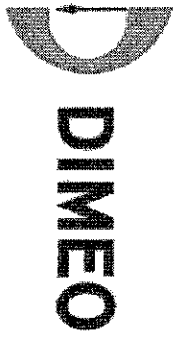


Providence Water Supply Board
60,000 sqft Maintenance Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	1000.580		PROJECT SIGNS				
			Safety Signs	25.00 ea		40.00 /ea	1,000
			PROJECT SIGNS				1,000
	1720.030		Layout				
			Layout (Own Forces)	1.00 ea		4,600.00 /ea	4,600
			Layout				4,600
			GENERAL REQUIREMENTS				866,086
	1730.000		DEMOLITION				
			Demo: Subcontractors				
			Sub: Demolition	1.00 ls		75,000.00 /ls	75,000
			Demo: Subcontractors				75,000
			DEMOLITION				75,000
	2000.000		SITENWORK				
			Division 2 Subcontractors				
			Stiework Sub - Complete	1.00 ls		1,500,000.00 /ls	1,500,000
			Division 2 Subcontractors				1,500,000
	2840.080		Improvmnts: Parking Items				
			Covered Storage Earth Materials	3,600.00 sf		75.00 /sf	270,000
			Improvmnts: Parking Items				270,000

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island

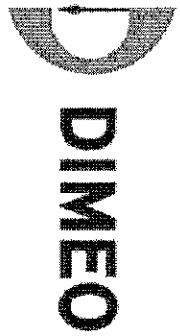


**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	3000.000		SITWORK				1,770,000
			CONCRETE				
	3210.050		Rebar: All Types				
			Rebar - Lump Sum (tons)	18.00 ton		1,499.92 /ton	26,999
			Rebar: All Types				26,999
	3310.140		Conc: Footings				
			Footing Conc Contn	183.70 cy		550.00 /cy	101,035
			Footing Conc Col	67.66 cy		550.00 /cy	37,158
			Conc: Footings				138,193
	3310.160		Conc: Walls				
			Wall Conc 4000 psi	214.32 cy		592.25 /cy	126,931
			Conc: Walls				126,931
	3310.210		Conc: Slabs On Grade				
			S.O.G. Conc 4000 psi	1,211.11 cy		307.97 /cy	372,985
			Conc: Slabs On Grade				372,985
	3350.100		Finish: General				
			Trowel Finish	60,000.00 sf		0.51 /sf	30,371
			Finish: General				30,371
			CONCRETE				695,479

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

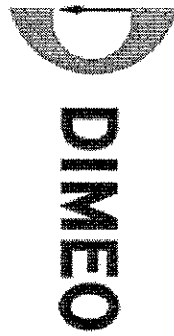


**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	4000.000		MASONRY				
	4000.010		Division 4 Subcontractors				
			Masonry - Brick Sub Labor/Matrl	27,500.00 sf		42.50 /sf	1,168,750
			Masonry - Scaffold	55,000.00 sf		6.25 /sf	343,750
			Division 4 Subcontractors				1,512,500
	4220.110		Conc. Block: 8"				
			Bk 8" Standard Face	34,875.00 ea		21.53 /ea	750,684
			Conc. Block: 8"				750,684
			MASONRY				2,263,184
	5000.000		METALS				
	5000.010		Division 5 Subcontractors				
			Structural Roof Framing 9#/sf	270.00 ton		3,100.00 /ton	837,000
			Metal Decking Sqft	60,000.00 sf		2.00 /sf	120,000
			Division 5 Subcontractors				957,000
	5505.010		Misc: Misc Metals				
			Misc: Metals	60,000.00 sf		1.50 /sf	90,000
			Misc: Misc Metals				90,000
			METALS				1,047,000
	6000.000		WOOD & PLASTICS				
	6000.010		Division 6 Subcontractors				

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

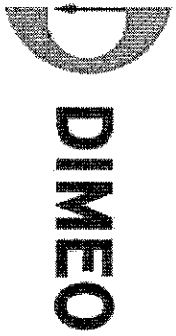


**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	6000.010		Division 6 Subcontractors Millwork Sub Labor & Material	1.00 ls		125,000.00 /ls	125,000
			Division 6 Subcontractors				125,000
	6117.010		Blocking: Roof Nailers Roof Nail PT 2 X 6 R.L.	9,950.00 bf		3.75 /bf	37,313
			Blocking: Roof Nailers				37,313
	6117.020		Blocking: Misc. Blocking 2 x 6 R.L.	6,000.00 bf		4.00 /bf	24,000
			Blocking: Misc.				24,000
			WOOD & PLASTICS				186,313
	7000.000		THERMAL & MOISTURE PROT				
	7111.010		Dampproofing: VaporBarrier Vapor Barrier & Canly Insulation	31,000.00 sf		6.18 /sf	191,580
			Dampproofing: VaporBarrier				191,580
	7210.040		Insulation: Board Expanded Polystyrene 2 "	4,960.00 sf		2.50 /sf	12,400
			Insulation: Board				12,400
	7530.010		Membrane: Elastomerc EPDM EPDM .060 Thickness	60,000.00 sf		14.42 /sf	865,200
			Membrane: Elastomerc EPDM				865,200

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



Providence Water Supply Board
60,000 sqft Maintenance Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Membrane: Elastomerc EPDM				865,200
	7710.020		Sheetmetal: Gravel Stop				14,880
			Gravel Stop 8" High	1,240.00 lf		12.00 /lf	14,880
			Sheetmetal: Gravel Stop				14,880
	7810.010		Fireproofing: Spray On				120,000
			Fireprfg Sprayd Beams 2 hr	60,000.00 sf		2.00 /sf	120,000
			Fireproofing: Spray On				120,000
	7920.010		Sealant - Jt Filler Gasket				60,000
			Caulk & Sealants (Our Forces)	1.00 ls		60,000.00 /ls	60,000
			Sealant - Jt Filler Gasket				60,000
			THERMAL & MOISTURE PROT				1,264,060
	8000.000		DOORS & WINDOWS				
	8100.000		Doors: Metal With Frames				3,458
			Metal Doors	10.00 ea		345.75 /ea	3,458
			Metal Frames	26.00 ea		258.50 /ea	6,721
			Doors: Metal With Frames				10,179
	8210.010		Doors: Wood				6,892
			Oak Solid Core 3-0 x 7-0	16.00 ea		430.75 /ea	6,892
			Doors: Wood				6,892

DIMEO CONSTRUCTION COMPANY

Providence, Rhode Island



**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		8360.010	Doors: Overhead Door OH Sectional Steel	6.00 ea		8,700.00 /ea	52,200
			Doors: Overhead				52,200
		8510.010	Windows: Metal Aluminum Windows	2,500.00 sf		65.00 /sf	162,500
			Windows: Metal				162,500
		8600.000	Skylights Unit Skylights	40.00 ea		1,199.76 /ea	47,990
			Skylights				47,990
		8700.000	Hardware: Finishing Finishing Hardware Allowance	26.00 ea		428.50 /ea	11,141
			Panic Device	6.00 ea		888.00 /ea	5,328
			Door Closers	10.00 ea		266.25 /ea	2,663
			Hardware: Finishing				19,132
		8740.000	Hardware: Electromagnetic Card Key Locking Hardware	6.00 ea		250.00 /ea	1,500
			Electromagnetic Door Holders	6.00 ea		155.00 /ea	930
			Hardware: Electromagnetic				2,430
			DOORS & WINDOWS				301,322

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

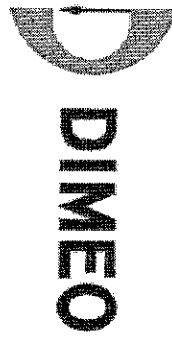


**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	9000.000	9000.010	FINISHES				
			Division 9 Subcontractors				
			Drywall Int Parts	3,840.00 sf		8.83 /sf	33,907
			Ceramic Tile Floor	210.00 sf		13.50 /sf	2,835
			Ceramic Tile Walls	416.00 sf		14.00 /sf	5,824
			Acoustical Ceilings	8,000.00 sf		3.50 /sf	28,000
			Resilient Flooring	7,790.00 sf		3.50 /sf	27,265
			Vinyl Base	640.00 lf		2.10 /lf	1,344
			Painting Walls	7,680.00 sf		0.90 /sf	6,912
			Painting Doors & Frames	26.00 ea		45.00 /ea	1,170
			Division 9 Subcontractors				107,257
			FINISHES				107,257
	10000.000		SPECIALTIES				
		10160.010	Toilet Compartments				
			Metal Toilet Compartments	8.00 ea		475.00 /ea	3,800
			Toilet Compartments				3,800
		10185.010	Shower/Dressing Compart				
			Compartment Showers	4.00 ea		550.00 /ea	2,200
			Shower/Dressing Compart				2,200
		10350.000	Flagpoles				
			Flagpole	1.00 ea		1,499.94 /ea	1,500

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

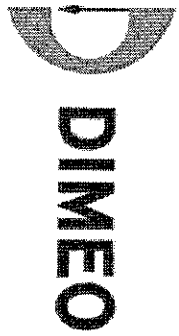


**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Flagpoles				1,500
	10500.010		Lockers	30.00 ea		225.00 /ea	6,750
			Lockers - Metal				
			Lockers				6,750
	10521.010		Fire Extinguishers Etc	10.00 ea		96.23 /ea	962
			Fire Extinguishers				
			Fire Ext Cabinet	10.00 ea		177.00 /ea	1,770
			Fire Extinguishers Etc				2,732
	10600.000		Partitions	350.00 lf		42.50 /lf	14,875
			Wire Mesh Partition				
			Partitions				14,875
	10800.010		Misc Toilet/Bath Equip	4.00 rm		1,500.00 /rm	6,000
			Toilet Accessories				
			Misc Toilet/Bath Equip				6,000
			SPECIALTIES				37,857
	11000.000		EQUIPMENT				
	11010.030		Equip: Vacuum Systems	1.00 ea		5,000.00 /ea	5,000
			Vacuum Cleaning System Comple				
			Equip: Vacuum Systems				5,000

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

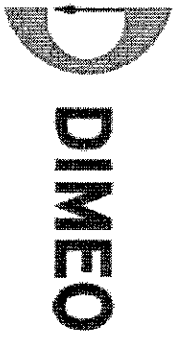


**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	11140.010		Equip: Vehicle Service				
			Vehicle Service Equipment	1.00 ls		150,000.00 /ls	150,000
			Fuel Dispensing Equipment	3.00 ea		25,000.00 /ea	75,000
			Equip: Vehicle Service				<u>225,000</u>
	11150.010		Equip: Parking Control				
			Parking Control Equipment	1.00 ls		25,000.00 /ls	25,000
			Equip: Parking Control				<u>25,000</u>
	11160.010		Equip: Dock				
			Dock Leveler	1.00 ea		7,499.99 /ea	7,500
			Dock Bumpers	2.00 ea		109.50 /ea	219
			Dock Seals	38.00 lf		50.25 /lf	1,910
			Equip: Dock				<u>9,628</u>
	11450.010		Equip: Residential Food				
			Refrigerator	1.00 ea		1,063.50 /ea	1,064
			Dishwasher Built-In	1.00 ea		1,014.68 /ea	1,015
			Microwave	1.00 ea		194.83 /ea	195
			Equip: Residential Food				<u>2,273</u>
			EQUIPMENT				<u>266,902</u>
	12000.000		FURNISHINGS				
			Window Treatments				
			Blinds	2,500.00 sf		5.00 /sf	12,500

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



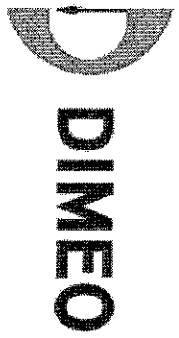
**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Window Treatments				12,500
			FURNISHINGS				12,500
			SPECIAL CONSTRUCTION				
			Lightning Protection	1.00 ea		35,000.00 /ea	35,000
			Lightning Protection Sub				
			Lightning Protection				35,000
			Storage Tanks				
			Convault AG Tanks	2.00 ea		125,000.00 /ea	250,000
			Storage Tanks				250,000
			SPECIAL CONSTRUCTION				
			CONVEYING SYSTEMS				
			LIFTS				
			Vehicle Lifts	3.00 ea		85,000.00 /ea	255,000
			LIFTS				255,000
			Hoists & Cranes				
			Overhead Monorail System	200.00 lf		301.80 /lf	60,360
			Hoists & Cranes				60,360
			CONVEYING SYSTEMS				
			MECHANICAL				
			Sprinkler				315,360

DIMEO CONSTRUCTION COMPANY

Providence, Rhode Island

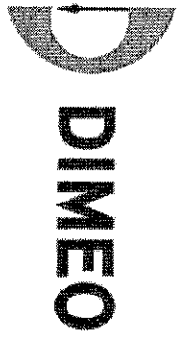


**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		15300.010	Sprinkler Fire Protection (Sqft) Sprinkler	60,000.00 sf		4.50 /sf	270,000 270,000
		15400.000	Plumbing Plumbing (Sqft) Plumbing	60,000.00 sf		2.00 /sf	120,000 120,000
		15700.000	HVAC Systems HVAC (Sqft) HVAC Systems	60,000.00 sf		10.80 /sf	648,000 648,000
		15900.000	Controls Building Systems Control Controls	60,000.00 sf		1.00 /sf	60,000 60,000
			MECHANICAL				1,098,000
		16000.000	ELECTRICAL				
		16000.010	Electrical Complete Electrical (Sqft) Electrical Complete	60,000.00 sf		18.00 /sf	1,080,000 1,080,000
		16200.010	Power Generation Generators	1.00 ea		75,000.00 /ea	75,000 75,000

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



Providence Water Supply Board
60,000 sqft Maintenance Building
Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
			Power Generation				75,000
			ELECTRICAL				1,155,000
			VEHICLE MAINT.				11,746,321

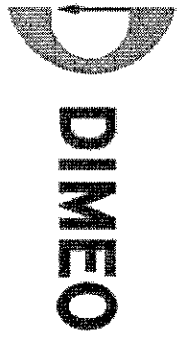


**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

1/12/2011

Labor Material Subcontract Equipment Other	Partial Totals		
FF&E Allowance	11,746,321	11,746,321	
Security - Booth Building	30,000		
	30,000	11,776,321	
Contingency	588,816		5.000 %
	588,816	12,365,137	
Escalation	432,780		3.500 %
	432,780	12,797,917	
Building Permit	191,969		1.500 %
	191,969	12,989,886	
G & L Insurance	110,414		8.500 \$ / #####
	110,414	13,100,300	

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



Providence Water Supply Board
60,000 sqft Maintenance Building
Budget

1/12/2011

	Partial Totals	
C.M. Fee (2.85%)	<u>373,359</u>	2.850 %
	373,359	13,473,659
P&P Bond	<u>104,347</u>	0.725 %
	104,347	13,578,006
Architects & Engineers Fees	814,680	6.000 %
	Partial Total	14,392,686
		239,878 /SF

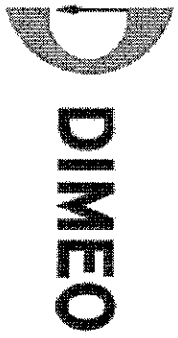


Providence Water Supply Board
60,000 sqft Pre-Engineered Maintenance Building
Deductive Alternate Budget

1/12/2011

Estimator \$/ks
Job size 60000 SF
Job cost/job number 227-10

Notes
Maintenance building Deductive Alternate Budget, a 60,000 sqft one story building. Concrete foundations, slab on grade Pre-Engineered steel building construction, with Insulated Metal Panel Roof and Walls exterior veneer.
An FF&E (Furnishings Allowance) of \$30,000 in included



**Providence Water Supply Board
60,000 sqft Pre-Engineered Maintenance Building
Deductive Alternate Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
ZPRE.ENG.ALT	3000.000	3310.140	CONCRETE				
			Conc: Footings				
			Footng Conc Col	-22.52 cy		550.00 /cy	(12,386)
			Conc: Footings				(12,386)
			CONCRETE				(12,386)
	4000.000	4000.010	MASONRY				
			Division 4 Subcontractors				
			Masonry - Brick Sub Labor/Matr	-27,500.00 sf		42.50 /sf	(1,168,750)
			Masonry - Scaffold	-55,000.00 sf		6.25 /sf	(343,750)
			Division 4 Subcontractors				(1,512,500)
	4220.110		Conc. Block: 8"				
			Blk 8" Standard Face	-34,875.00 ea		21.53 /ea	(750,684)
			Conc. Block: 8"				(750,684)
			MASONRY				(2,263,184)
	5000.000	5000.010	METALS				
			Division 5 Subcontractors				
			Structural Roof Framing 9#/sf	-270.00 ton		3,100.00 /ton	(837,000)
			Metal Decking Sqft	-60,000.00 sf		2.00 /sf	(120,000)
			Division 5 Subcontractors				(957,000)
	5505.010		Misc: Misc Metals				

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
60,000 sqft Pre-Engineered Maintenance Building
Deductive Alternate Budget**

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
		5505.010	Misc: Misc Metals				
			Misc Metals	-60,000.00 sf		1.50 /sf	(90,000)
			Misc: Misc Metals				(90,000)
			METALS				(1,047,000)
7000.000			THERMAL & MOISTURE PROT				
		7111.010	Dampproofing: VaprBarrier				
			Vapor Barrier & Cavity Insulation	-31,000.00 sf		6.18 /sf	(191,580)
			Dampproofing: VaprBarrier				(191,580)
		7530.010	Membrane: Elastomerc EPDM				
			EPDM .060 Thickness	-60,000.00 sf		14.42 /sf	(865,200)
			Membrane: Elastomerc EPDM				(865,200)
		7710.020	Sheetmetal: Gravel Stop				
			Gravel Stop 8" High	-1,240.00 lf		12.00 /lf	(14,880)
			Sheetmetal: Gravel Stop				(14,880)
			THERMAL & MOISTURE PROT				(1,071,560)
8000.000			DOORS & WINDOWS				
			Skylights				
			Unit Skylights	40.00 ea		1,199.76 /ea	(47,990)
			Skylights				(47,990)
			DOORS & WINDOWS				(47,990)

DIMEO CONSTRUCTION COMPANY

Providence, Rhode Island



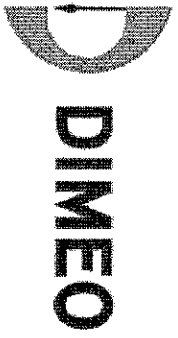
Providence Water Supply Board
60,000 sqft Pre-Engineered Maintenance Building
Deductive Alternate Budget

1/12/2011

Location	Group	Phase	Description	Takeoff Quantity	Sub Name	Total Cost/Unit	Total Amount
	13000.000		SPECIAL CONSTRUCTION				
		13120.010	Pre-Engineered Structures				
			Pre-Engineered Building	60,000.00 sf		28.85 /sf	1,731,000
			Pre-Engineered Structures				1,731,000
			SPECIAL CONSTRUCTION				1,731,000
			ZPRE-ENG.ALT				(2,711,221)

DIMEO CONSTRUCTION COMPANY

Providence, Rhode Island



Providence Water Supply Board
60,000 sqft Pre-Engineered Maintenance Building
Deductive Alternate Budget

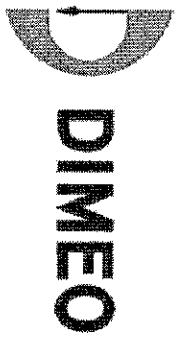
1/12/2011

Partial Totals

Labor			
Material			
Subcontract			
	<u>(2,711,221)</u>	<u>(2,711,221)</u>	
FF&E Allowance	30,000		
Security - Booth Building	<u>30,000</u>	<u>(2,681,221)</u>	
Contingency	<u>(134,061)</u>	<u>(2,815,282)</u>	5.000 %
Escalation	<u>(98,535)</u>	<u>(2,913,817)</u>	3.500 %
Building Permit	<u>(43,707)</u>	<u>(2,957,524)</u>	1.500 %
G & L Insurance	<u>(25,139)</u>	<u>(2,982,663)</u>	8.500 \$ / #####
C.M. Fee (2.85%)	<u>(85,006)</u>		2.850 %

DIMEO CONSTRUCTION COMPANY

Providence, Rhode Island



Providence Water Supply Board
60,000 sqft Pre-Engineered Maintenance Building
Deductive Alternate Budget

1/12/2011

	Partial Totals	
	<u>(85,006)</u>	(3,067,669)
P&P Bond	<u>(23,758)</u>	0.725 %
	(23,758)	(3,091,427)
Architects & Engineers Fees	(185,486)	6.000 %
	<i>Partial Total</i>	<i>(3,276,913)</i>
		<i>(54.615) /SF</i>



Providence Water Supply Board
50,000 sqft Office Building
Budget

12/17/2010

Estimator	fxs
Job cost job number	227-10

Notes
Office building is budgeted as a 50,000 sqft two story building. 25,000 sqft per floor. Concrete foundations, slab on grade steel framed construction.

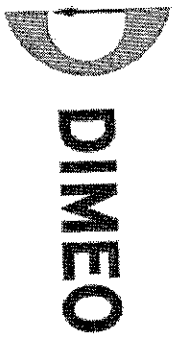


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
HEADQUARTERS							
1000.000	1000.103		GENERAL REQUIREMENTS				
			PROJECT SUPERVISION				
			Project Executive	54.00 wk	1,096.00 /wk	59,184	1 day/week
			Project Manager	54.00 wk	2,880.00 /wk	155,520	
			Project Engineer	54.00 wk	2,200.00 /wk	118,800	
			Purchasing Agent	6.00 wk	3,300.00 /wk	19,800	
			Safety Officer	54.00 wk	548.00 /wk	29,592	1 day/week
			Administrative Assistant (on-site)	54.00 wk	1,400.00 /wk	75,600	
			Project Superintendent	54.00 wk	2,800.00 /wk	151,200	
			Cost Control Management	54.00 wk	400.00 /wk	21,600	
			PROJECT SUPERVISION			634,296	
1000.194			FIELD SUPPORT				
			Laborer, Full Time	64.00 wk	2,360.00 /wk	127,440	
			FIELD SUPPORT			127,440	
1000.202			PRECONSTRUCTION SERVICES				
			Project Executive	70.00 mh	137.00 /mh	9,590	
			Senior Estimator / Planner	240.00 mh	97.50 /mh	23,400	
			Mech / Elec Coordinator	120.00 mh	82.50 /mh	9,900	
			Purchasing Manager	80.00 mh	90.00 /mh	7,200	
			Reimbursable Expenses Allowance	1.00 /sum	7,500.00 /sum	7,500	
			PRECONSTRUCTION SERVICES			47,590	
1000.300			SUBMITTALS & CONSULTANTS				
			Construction Schedule	12.00 ea	555.00 /ea	6,660	
			Drawing / Document Reproduction	200.00 set	250.00 /set	50,000	
			As Built Documentation	1.00 /sum	7,500.00 /sum	7,500	
			Job Photographs	12.00 /month	250.00 /month	3,000	
			SUBMITTALS & CONSULTANTS			67,160	
1000.400			QUALITY CONTROL				
			Testing and Inspection	1.00 /sum	25,000.00 /sum	25,000	
			Mock-ups	1.00 /sum	7,500.00 /sum	7,500	
			QUALITY CONTROL			32,500	
1000.510			TEMPORARY UTILITIES				
			Temporary Electric Power System	1.00 /sum	5,000.00 /sum	5,000	

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
50,000 sqft Office Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
		1000.510	TEMPORARY UTILITIES				
			Temporary Electric Power Consumption	12.00 mnth	1,750.00 /mnth	21,000	
			Temporary Heating System	4.00 mnth	5,000.00 /mnth	20,000	
			Temporary Heat - Fuel Consumption	4.00 mnth	15,000.00 /mnth	60,000	
			Telephone Connection Cost	1.00 /sum	2,500.00 /sum	2,500	
			Telephone Usage Charge	12.00 mnth	1,000.00 /mnth	12,000	
			Temporary Water Service	1.00 /sum	1,000.00 /sum	1,000	
			Temporary Water Usage Charge	12.00 mnth	200.00 /mnth	2,400	
			Temporary Toilets	12.00 mnth	450.00 /mnth	5,400	
			Fire Extinguishers	4.00 ea	75.00 /ea	300	
			TEMPORARY UTILITIES			129,600	
		1000.520	CONSTRUCTION AIDS				
			Temporary Use of Building Elevator	8.00 WK	2,000.00 /WK	16,000	
			Pickup Truck	62.00 /mnth	600.00 /mnth	31,200	
			CONSTRUCTION AIDS			47,200	
		1000.530	BARRIERS & ENCLOSURES				
			Barricades	150.00 lf	25.00 /lf	3,750	
			Temporary Fence	1,200.00 lf	7.50 /lf	9,000	
			BARRIERS & ENCLOSURES			12,750	
		1000.540	SECURITY & SAFETY				
			Personal Protection Equipment	12.00 mnth	125.00 /mnth	1,500	
			Safety Supplies	12.00 mnth	150.00 /mnth	1,800	
			First Aid Supplies	12.00 mnth	250.00 /mnth	3,000	
			SECURITY & SAFETY			6,300	
		1000.560	TEMPORARY CONTROLS				
			Daily Housekeeping	62.00 WK	1,190.00 /WK	61,360	Laborer, Half Time
			Rubbish / Dumpster Pulls	36.00 load	600.00 /load	21,600	
			Final Cleanup (Sub)	50,000.00 sf	0.45 /sf	22,500	
			Snow Removal	7.00 strm	750.00 /strm	5,250	
			Weather Protection	6.00 mnth	7,500.00 /mnth	45,000	
			TEMPORARY CONTROLS			155,710	
		1000.580	PROJECT SIGNS				
			Project Signs	1.00 ea	1,500.00 /ea	1,500	
			Safety Signs	25.00 ea	40.00 /ea	1,000	

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
50,000 sqft Office Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
			PROJECT SIGNS			2,500	
			FIELD OFFICES & STORAGE				
			Office Trailer Setup	2.00 ea	3,000.00 /ea	6,000	
			Office Trailer Lease (GC)	12.00 /month	550.00 /month	6,600	
			Copy Machine	12.00 /month	250.00 /month	3,000	
			Fax Machine, Purchase	1.00 ea	550.00 /ea	550	
			Computer, Hardware and Software	1.00 ea	2,500.00 /ea	2,500	
			Office Supplies	12.00 /month	250.00 /month	3,000	
			FIELD OFFICES & STORAGE			21,650	
			GENERAL REQUIREMENTS				
			Layout	1.00 ea	4,500.00 /ea	4,500	
			Layout (Own Forces)			4,500	
			DEMOLITION				
			Demo: Subcontractors	12,500.00 SF	5.00 /SF	63,000	
			Sub: Demolition			63,000	
			DEMOLITION			63,000	
			SITework				
			Site Remediation	1.00 Allow	10,000.00 /Allow	10,000	ALLOWANCE
			Excavation Removal & Handling Hazardous Materials			10,000	
			Site Remediation				
			Dewater: General	1.00 ls	25,000.00 /ls	25,000	Foundation dewatering
			Dewatering			25,000	
			Dewater: General				
			Earthwtk: Site Grading	445.00 cy	5.00 /cy	2,225	
			Remove Topsoil	80,000.00 sr	0.25 /sf	20,000	
			Rough Grading			22,225	
			Earthwtk: Site Grading				
			Earthwtk: Cut & Fill Etc				

DIMEO CONSTRUCTION COMPANY

Providence, Rhode Island

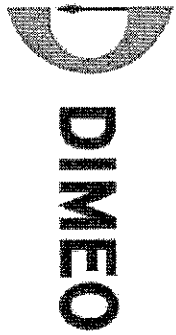


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
2315.020			Earthwtk: Cut & Fill Exc	3,000.00 cy	4.40 /cy	13,200	
			Bulk Cut	3,000.00 cy	4.40 /cy	13,200	
			Bulk Fill	1,500.00 cy	35.00 /cy	52,500	
			Gravel Borrow	1,500.00 cy	35.00 /cy	52,500	
			Earthwtk: Cut & Fill Exc			78,900	
2315.021			Earthwtk: Excav Foot/Misc	1,415.00 cy	30.00 /cy	42,450	
			Excavate Footing By Machine				
			Earthwtk: Excav Foot/Misc			42,450	
2315.024			Earthwtk: Fine Grade	80,000.00 sf	0.30 /sf	24,000	
			Fine Grade				
			Earthwtk: Fine Grade			24,000	
2315.070			Backfill: Foot Wall Misc	1,415.00 cy	17.38 /cy	24,593	
			Backfill Footings & Walls	350.00 cy	35.00 /cy	12,250	
			Gravel at slab				
			Backfill: Foot Wall Misc				
			Backfill: Foot Wall Misc			43,843	
2340.010			Soil Stabilize /Erosion CH	20.00 cy	35.00 /cy	700	
			Soil Stabilize - Crush Rock	1,200.00 lf	5.00 /lf	6,000	
			Siltation Fence	100.00 lf	10.00 /lf	1,000	
			Hay Bales				
			Soil Stabilize /Erosion CH				
			Soil Stabilize /Erosion CH			7,700	
2510.010			Utility Serv: Water	100.00 lf	45.45 /lf	4,545	
			Water Line Cu Type K 2"	1.00 ea	1,500.00 /ea	1,500	
			Valve Gate Cl w/box 8"	150.00 LF	75.00 /LF	11,250	
			Fire Line 8"				
			Utility Serv: Water				
			Utility Serv: Water			17,295	
2540.010			Utility Serv: Septic Tank	1.00 LSUM	50,000.00 /LSUM	50,000	
			Sanitary Sewers				
			Utility Serv: Septic Tank				
			Utility Serv: Septic Tank			50,000	
2620.010			Drainage: French Drains	1,000.00 lf	30.00 /lf	30,000	
			French Drain 4"				
			Drainage: French Drains			30,000	

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

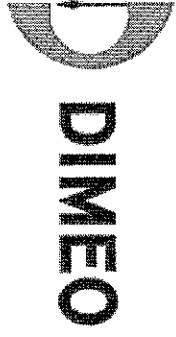


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
			Drainage: French Drains			30,000	
		2630.020	Drainage: Site Structures Storm Drainage System Drainage: Site Structures	1.00 LSUM	124,802.00 /LSUM	124,802	
		2740.030	Paving: Asphalt Asphalt Paving Lab/Equip ONLY H Asphalt Material Base Course Compact er Deep Paving: Asphalt	1,100.00 Tons 1,100.00 Tons 990.00 CY	45.00 /Tons 58.00 /Tons 35.00 /CY	49,500 63,800 34,550 147,850	
		2750.035	Paving: Concrete Concrete Paving (sqft) Paving: Concrete	600.00 sf	6.88 /sf	4,095	
		2760.030	Paving: Parking Lines Parking Lines Paving: Parking Lines	150.00 lf	10.00 /lf	1,500	
		2770.010	Paving: Curbs & Gutters Plain Conc Curb 4000 psi Paving: Curbs & Gutters	750.00 LF	24.00 /LF	18,000 18,000	
		2810.010	Improvements: IrrigationSys Lawn Sprinkler System Improvements: IrrigationSys	10,000.00 sf	0.45 /sf	4,500 4,500	
		2820.010	Improvements: Fencing Fence ChainLink Complete Fence Ornamental Metal Complete Improvements: Fencing	1,000.00 lf 350.00 lf	30.00 /lf 125.00 /lf	30,000 43,750 73,750	
		2840.050	Improvements: Boliard/Rails Pipe Boliard Steel Pipe 6" Improvements: Boliard/Rails	12.00 ea	450.00 /ea	5,400 5,400	

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
50,000 sqft Office Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
		2840.080	Improvements: Parking Items Site Electric Improvements: Parking Items	1.00 LS	50,000.00 /LS	50,000 50,000	
		2900.010	Landscaping: General Landscaping - Allowance Landscaping: General	1.00 LS	49,853.00 /LS	49,853 49,853	
						831,262	
		3000.000	CONCRETE Accessory: Waterstop Waterstop - Rubber Accessory: Waterstop	80.00 lf	1.74 /lf	139 139	
		3210.050	Rebar: All Types Rebar - Lump Sum (tons) Rebar: All Types	11.25 ton	1,499.94 /ton	16,874 16,874	
		3310.140	Conc: Footings Footings Conc Contin Footings Conc Col and Pit Conc: Footings	97.00 cy 64.00 cy	550.00 /cy 550.00 /cy	53,360 35,200	30 6x6x16"
		3310.150	Conc: Walls Wall Conc 4000 psi Conc: Walls	138.00 cy	592.25 /cy	81,731 81,731	
		3310.210	Conc: Slabs On Grade S.O.G. Conc 4000 psi Conc: Slabs On Grade	380.00 cy	304.88 /cy	115,854 115,854	
		3310.320	Conc: Fill Pan Stairs Fill Pan Stairs 3000 psi Conc: Fill Pan Stairs	4.00 cy	628.30 /cy	2,513 2,513	
		3310.380	Conc: Slab On Corrtform				

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

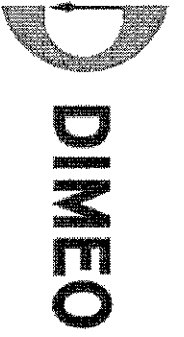


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
	3310.380		Conc: Slab On Corruform Conc @ Curruform 4000 psi Conc: Slab On Corruform	440.00 cy	304.88 /cy	134,147	
	3350.100		Finish: General Trowel Finish Stair Finish Finish: General	50,000.00 sf 400.00 sf	0.51 /sf 1.01 /sf	25,309 402	
			CONCRETE			465,520	
	4000.000		MASONRY				
	4000.010		Division 4 Subcontractors Masonry - Brick Sub Labor/Mat'l Cast Stone Lime Stone Masonry - Weather Prot & Temp Heat Masonry - Scaffold	9,630.00 sf 1,000.00 cf 1,600.00 cf 17,500.00 sf 17,500.00 sf	42.50 /sf 45.00 /cf 125.00 /cf 4.55 /sf 6.25 /sf	409,275 45,000 200,000 79,625 109,375	
			Division 4 Subcontractors			843,275	
	4220.110		Conc. Block: 8" Blk 8" Standard Face Conc. Block: 8"	5,520.00 ea	21.53 /ea	118,818	Stair & Elev Shafts
	4423.000		Stone Granite Granite Floor Tile Stone Granite MASONRY	750.00 sf	35.00 /sf	26,250	Allowance
			MASONRY			985,343	
	5000.000		METALS				
	5000.010		Division 5 Subcontractors Structural Floor Framing 17#/sf Structural Roof Framing 9#/sf Metal Decking Sqft Division 5 Subcontractors	212.50 ton 112.50 ton 50,000.00 sf	3,000.00 /ton 3,000.00 /ton 2.00 /sf	637,500 337,500 100,000	
	5505.010		Misc: Misc Metals Misc Metals	50,000.00 sf	1.00 /sf	50,000	

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
50,000 sqft Office Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
			Misc: Misc Metals			69,000	
		5510.110	Stairs: Stair Parts	2.00 ft	12,500.00 /ft	25,000	
			Steel Stairs			25,000	
			Stairs: Stair Parts			25,000	
			METALS			1,150,000	
	6000.000		WOOD & PLASTICS				
		8009.010	Division 6 Subcontractors	1.00 ls	225,000.00 /ls	225,000	Reception, Lobby, Bd. Room, Kitchensets, Vanities
			Millwork - Allowance			225,000	
			Division 6 Subcontractors				
		6117.010	Blocking: Roof Nailers	4,900.00 bf	3.75 /bf	17,250	
			Roof Nail PT 2 x 6 R.L.			17,250	
			Blocking: Roof Nailers				
		6117.020	Blocking: Misc.	5,000.00 bf	4.00 /bf	20,000	
			Blocking 2 x 6 R.L.			20,000	
			Blocking: Misc.				
			WOOD & PLASTICS			262,250	
	7000.000		THERMAL & MOISTURE PROT				
		7111.010	Dampproofing: VaporBarrier	12,500.00 sf	6.18 /sf	77,250	
			Vapor Barrier & Cavity Insulation			77,250	
			Dampproofing: VaporBarrier				
		7139.010	Waterproofing: Other	520.00 sf	12.93 /sf	6,722	Elev Pts
			Waterproof Iron Compound			6,722	
			Waterproofing: Other				
		7210.040	Insulation: Board	2,600.00 sf	2.50 /sf	6,500	
			Expanded Polystyrene 2"			6,500	
			Insulation: Board				
		7530.010	Membrane: Elastomeric EPDM	25,000.00 sf	14.42 /sf	360,500	
			EPDM .060 Thickness			360,500	

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

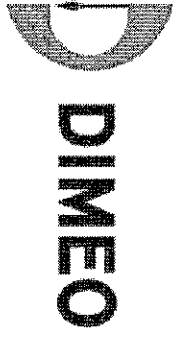


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
			Membrane: Elastomerc EPDM			360,500	
		7710.020	Sheetmetal: Gravel Stop Gravel Stop 8" High Sheetmetal: Gravel Stop	700.00 lf	12.00 /lf	8,400	8,400
		7310.010	Fireproofing: Spray On Fireprfg Sprayd Beams 2 hr Fireproofing: Spray On	50,000.00 sf	2.00 /sf	100,000	100,000
		7920.010	Sealant - Jt Filler Gaskt Caulk & Sealants Sealant - Jt Filler Gaskt	1.00 ls	60,000.00 /ls	60,000	60,000
			TERMINAL & MOISTURE PROT			619,372	
8000.000			DOORS & WINDOWS				
		8100.000	Doors: Metal With Frames Metal Doors Metal Frames Doors: Metal With Frames	25.00 ea 150.00 ea	345.75 /ea 258.50 /ea	8,644 38,775	47,419
		8210.010	Doors: Wood Oak Solid Core 3-0 x 7-0 Doors: Wood	125.00 ea	430.75 /ea	53,844	53,844
		8360.010	Doors: Overhead Door OH Sectional Steel Doors: Overhead	1.00 ea	8,700.00 /ea	8,700	8,700 12x14
		8610.010	Windows: Metal Aluminum Windows Windows: Metal	5,500.00 sf	65.00 /sf	357,500	357,500
		8700.000	Hardware: Finishing Finishing Hardware Allowance Panic Device Door Closers	150.00 ea 12.00 ea 40.00 ea	428.50 /ea 888.00 /ea 266.25 /ea	64,275 10,656 10,650	Allowance \$325 / Door

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

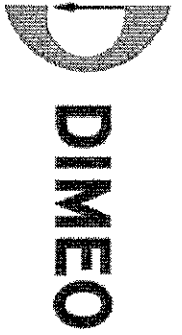


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
	8740.000		Hardware: Finishing			85,581	
			Hardware: Electromagnetic	10.00 ea	250.00 /ea	2,500	
			Card Key Locking Hardware	10.00 ea	155.00 /ea	1,550	
			Electromagnetic Door Holders				
			Hardware: Electromagnetic			4,050	
			DOORS & WINDOWS			557,094	
	9000.000		FINISHES				
			Division 8 Subcontractors				
			Drywall Int. Parts	21,808.00 sf	8.83 /sf	192,547	
			Drywall Ext. Parts	17,500.00 sf	11.55 /sf	202,125	
			Ceramic Tile Floor	830.00 sf	13.50 /sf	12,555	
			Ceramic Tile Walls	1,328.00 sf	14.00 /sf	18,592	
			Acoustical Ceilings	45,500.00 ls	3.50 /ls	159,250	
			Resilient Flooring				
			Vinyl Base	5,094.00 lf	2.10 /lf	10,571	
			Carpet	5,805.00 sy	27.00 /sy	156,735	
			Painting Walls	42,790.00 sf	0.90 /sf	38,511	
			Painting Ceilings	4,600.00 sf	0.85 /sf	3,910	
			Painting Doors & Frames	150.00 ea	45.00 /ea	6,750	
			Drywall Ceilings	2,600.00 sf	7.95 /sf	20,670	
			Drywall Soffits	2,000.00 sf	9.55 /sf	19,100	
			Division 9 Subcontractors			19,100	
			FINISHES			841,316	
	10000.000		SPECIALTIES				
			Visual Display Boards				
			Operable Markersboards	4.00 ea	1,199.76 /ea	4,799	
			Visual Display Boards				
	10100.010		Toilet Compartments				
			Toilet Compartments - phenolic	32.00 ea	950.12 /ea	30,404	
			Urinal Screens	12.00 ea	450.04 /ea	5,400	
			Toilet Compartments			35,804	
	10200.000		Louvers and Vents				
			Wall Louver Stationary	4.00 ea	1,199.76 /ea	4,799	

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

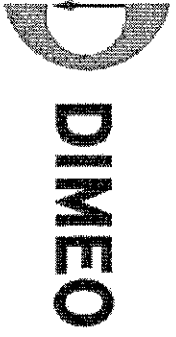


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
			Louvers and Vents			4,799	
	10360.000		Flagpoles	1.00 ea	1,499.94 /ea	1,500	
			Flagpole			1,500	
			Flagpoles			1,500	
	10430.010		Signs and Letters			10,000	
			Exterior Dimensional Letters	1.00 ls	10,000.00 /ls	10,000	
			Interior Door Signage	175.00 ea	8.00 /ea	1,400	
			Signs and Letters			14,400	
	10521.010		Fire Extinguishers Etc			802	
			Fire Extinguishers	10.00 ea	80.24 /ea	802	
			Fire Etc Cabinet	10.00 ea	151.40 /ea	1,514	
			Fire Extinguishers Etc			2,316	
	10800.010		Misc Toilet/Bath Equip			12,001	
			Toilet Accessories	8.00 nm	1,500.10 /nm	12,001	
			Misc Toilet/Bath Equip			12,001	
			SPECIALTIES			72,620	
	11000.000		EQUIPMENT			7,500	
			Equip: Dock	1.00 ea	7,499.99 /ea	7,500	
			Dock Leveler	2.00 ea	109.50 /ea	219	
			Dock Bumpers	38.00 lf	50.25 /lf	1,910	
			Dock Seats			9,628	
			Equip: Dock			9,628	
	11450.010		Equip: Residential Food			3,191	
			Refrigerator	3.00 ea	1,063.50 /ea	3,191	
			Compactor Residential Size	3.00 ea	734.00 /ea	2,202	
			MICROWAVE	3.00 ea	194.83 /ea	584	
			Equip: Residential Food			5,977	
			EQUIPMENT			15,505	
	12000.000		FURNISHINGS				
			Window Treatments				
	12490.010		Window Treatments				

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

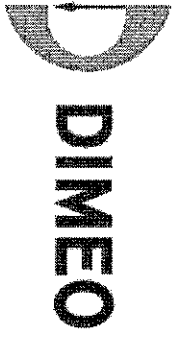


**Providence Water Supply Board
50,000 sqft Office Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
		12490.010	Window Treatments				
			Blinds	5,500.00 sf	5.00 /sf	27,500	
			Window Treatments			27,500	
			FURNISHINGS			27,500	
		13900.000	SPECIAL CONSTRUCTION				
			Lighting Protection				
			Lighting Protection Sub	1.00 ls	30,000.00 /ls	30,000	
			Lighting Protection			30,000	
			SPECIAL CONSTRUCTION			30,000	
		14900.000	CONVEYING SYSTEMS				
			Elevators				
			Elevator Hydraulic	1.00 ea	74,999.99 /ea	75,000	
			Elevator Freight Hydraulic	1.00 ea	100,000.00 /ea	100,000	
			Elevators			175,000	
			CONVEYING SYSTEMS			175,000	
		15000.000	MECHANICAL				
			Sprinkler				
			Fire Protection (Sqft)	50,000.00 sf	4.50 /sf	225,000	
			Pre-Action Sprinkler Systems	600.00 sf	20.00 /sf	12,000	
			Sprinkler			237,000	
		15400.000	Plumbing				
			Plumbing (Sqft)	50,000.00 sf	6.00 /sf	300,000	
			Plumbing			300,000	
		15700.000	HVAC Systems				
			HVAC (Sqft)	50,000.00 sf	25.00 /sf	1,250,000	
			HVAC Systems			1,250,000	
		15900.000	Controls				
			Controls (Lump Sum)	50,000.00 sf	5.00 /sf	250,000	
			Controls			250,000	
			MECHANICAL			2,037,000	

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
50,000 sqft Office Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
	16000.000		ELECTRICAL				
	16000.010		Electrical Complete	50,000.00 sf	27.00 /sf	1,350,000	
			Electrical Complete			1,350,000	
	16200.010		Power Generation			75,000	
			Generators	1.00 ea	75,000.00 /ea	75,000	
			Power Generation			75,000	
			ELECTRICAL			1,425,000	
			HEADQUARTERS			10,857,178	



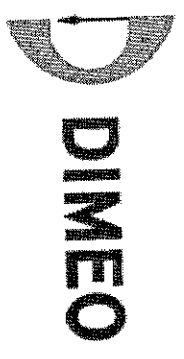
Providence Water Supply Board
50,000 sqft Office Building
Budget

12/17/2010

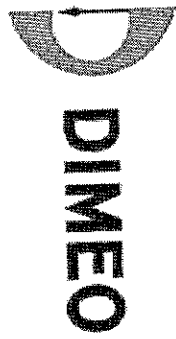
	Partial Totals	
Labor Material Subcontract Equipment Other	10,857,178 ----- 10,857,178	
FF&E Allowance	350,000	
Security - Booth Building	500,000	
	850,000	11,707,178
Contingency	585,359	5.000 %
	585,359	12,292,537
Escalation	430,239	3.500 %
	430,239	12,722,776
Building Permit	190,842	1.500 %
	190,842	12,913,618
G & L Insurance	109,766	8.500 \$ / #####
	109,766	13,023,384
C.M. Fee (2.85%)	371,166	2.850 %
	371,166	13,394,550
P&P Bond	103,734	0.725 %
	103,734	13,498,284
Architects & Engineers Fees	809,897	6.000 %
	809,897	14,308,181
Partial Total	14,308,181	

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**



Estimator	JKS
Job cost job number	227-10
Notes	Maintenance building is budgeted as a 60,000 sqft one story building. Concrete foundations, slab on grade steel framed construction, concrete block and brick veneer exterior veneer.

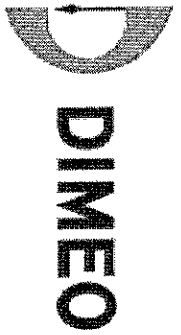


**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
VEHICLE MAINT.							
	1000.000		GENERAL REQUIREMENTS				
	1000.103		PROJECT SUPERVISION				
			Project Engineer	52.00 wk	2,200.00 /wk	114,400	
			Purchasing Agent	6.00 wk	3,300.00 /wk	19,800	
			Safety Officer	52.00 wk	548.00 /wk	28,496	1 day/week
			Project Superintendent	52.00 wk	2,800.00 /wk	145,600	
			Cost Control Management	52.00 wk	400.00 /wk	20,800	
			PROJECT SUPERVISION			329,096	
	1000.104		FIELD SUPPORT				
			Laborer, Full Time	52.00 wk	2,360.00 /wk	122,720	
			FIELD SUPPORT			122,720	
	1000.202		PRECONSTRUCTION SERVICES				
			Project Executive	50.00 mh	137.00 /mh	6,850	
			Senior Estimator / Planner	200.00 mh	97.50 /mh	19,500	
			Mech / Elec Coordinator	120.00 mh	82.50 /mh	9,900	
			Purchasing Manager	80.00 mh	90.00 /mh	7,200	
			Reimbursable Expenses Allowance	1.00 /sum	5,000.00 /sum	5,000	
			PRECONSTRUCTION SERVICES			48,450	
	1000.300		SUBMITTALS & CONSULTANTS				
			Construction Schedule	12.00 ea	555.00 /ea	6,660	
			Drawing / Document Reproduction	200.00 set	280.00 /set	60,000	
			As Built Documentation	1.00 /sum	7,500.00 /sum	7,500	
			Job Photographs	12.00 /month	250.00 /month	3,000	
			SUBMITTALS & CONSULTANTS			67,160	
	1000.510		TEMPORARY UTILITIES				
			Temporary Electric Power System	1.00 /sum	5,000.00 /sum	5,000	
			Temporary Electric Power Consumption	12.00 /month	1,750.00 /month	21,000	
			Temporary Heating System	4.00 /month	5,000.00 /month	20,000	
			Temporary Heat - Fuel Consumption	4.00 /month	13,000.00 /month	60,000	
			Telephone Usage Charge	12.00 /month	1,000.00 /month	12,000	
			Temporary Water Usage Charge	12.00 /month	200.00 /month	2,400	
			Temporary Toilets	12.00 /month	450.00 /month	5,400	
			Fire Extinguishers	4.00 ea	75.00 /ea	300	

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

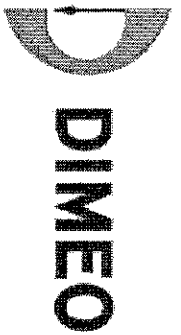


**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
			TEMPORARY UTILITIES			128,100	
			BARRIERS & ENCLOSURES				
			Temporary Fence	1,800.00 lf	7.50 /lf	12,000	
			BARRIERS & ENCLOSURES			12,000	
			TEMPORARY CONTROLS				
			Daily Housekeeping	52.00 wk	1,180.00 /wk	61,360	Laborer, Half Time
			Rubbish / Dumpster Pulls	36.00 /load	600.00 /load	21,600	
			Final Cleanup (Sub)	60,000.00 sf	0.45 /sf	27,000	
			Weather Protection	6.00 /month	7,500.00 /month	45,000	
			TEMPORARY CONTROLS			154,960	
			PROJECT SIGNS				
			Safety Signs	25.00 ea	40.00 /ea	1,000	
			PROJECT SIGNS			1,000	
			GENERAL REQUIREMENTS				
			Layout	1.00 ea	4,800.00 /ea	4,800	
			Layout (Own Forces)			4,500	
			GENERAL REQUIREMENTS			889,086	
			DEMOLITION				
			Demo: Subcontractors	1.00 ls	75,000.00 /ls	75,000	
			Sub: Demolition			75,000	
			Demo: Subcontractors			75,000	
			DEMOLITION			75,000	
			SITework				
			Division 2 Subcontractors	1.00 ls	1,500,000.00 /ls	1,500,000	Four (4) Acre Site
			Stework Sub - Complete			1,500,000	
			Division 2 Subcontractors			1,500,000	
			Improvements: Parking Items				

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island

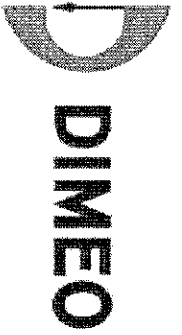


**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
		2840.080	Improvmnts: Parking Items Covered Storage Earth Materials Improvmnts: Parking Items	3,600.00 sf	75.00 /sf	270,000 270,000	
			SITWORK			1,770,009	
		3000.000	CONCRETE				
		3210.050	Rebar: All Types Rebar - Lump Sum (tons) Rebar: All Types	18.00 ton	1,499.92 /ton	26,999 25,999	
		3310.140	Conc: Footings Footng Conc Contin Footng Conc Col Conc: Footings	183.70 cy 67.56 cy	\$50.00 /cy 550.00 /cy	101,035 37,158 38 6x6x19"	138,193
		3310.150	Conc: Walls Wall Conc 4000 psi Conc: Walls	214.32 cy	\$92.25 /cy	126,931	126,931
		3310.210	Conc: Slabs On Grade S.O.G. Conc 4000 psi Conc: Slabs On Grade	1,211.11 cy	307.97 /cy	372,985 6" SOG	372,985
		3350.100	Finish: General Trowel Finish Finish: General	60,000.00 sf	0.51 /sf	30,371	30,371
			CONCRETE			\$96,479	
		4000.000	MASONRY				
		4000.010	Division 4 Subcontractors Masonry - Brick Slab Labor/Unit Masonry - Scaffold Division 4 Subcontractors	27,500.00 sf 55,000.00 sf	42.50 /sf 6.25 /sf	1,168,750 348,750	1,512,500

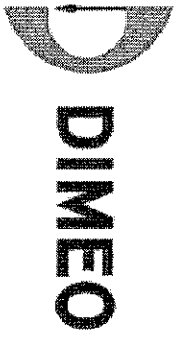
DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
		4220.110	Conc. Block: 8" Blk 8" Standard Face Conc. Block: 8"	34,875.00 ea	21.53 /ea	750,684 750,684	
			MASONRY			2,263,184	
			METALS				
	5000.000	5000.010	Division 5 Subcontractors Structural Roof Framing 9#/sf Metal Decking Soft Division 5 Subcontractors	270.00 ton 60,000.00 sf	3,000.00 /ton 2.00 /sf	810,000 120,000 930,000	
		5505.010	Misc: Misc Metals Misc Metals Misc: Misc Metals	60,000.00 sf	1.50 /sf	90,000 90,000	
			METALS			1,020,000	
			WOOD & PLASTICS				
	6000.000	6000.010	Division 6 Subcontractors Millwork Sub Labor & Material Division 6 Subcontractors	1.00 ls	125,000.00 /ls	125,000 125,000	
		6117.010	Blocking: Roof Nailers Roof Nail PT 2 x 6 R.L. Blocking: Roof Nailers	9,950.00 bf	3.75 /bf	37,313	
		6117.020	Blocking: Misc. Blocking 2 x 6 R.L. Blocking: Misc.	6,000.00 bf	4.00 /bf	24,000 24,000	
			WOOD & PLASTICS			186,313	
	7000.000		THERMAL & MOISTURE PROT				



**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
		7111.010	Dampproofing: VaporBarrier Vapor Barrier & Cavity Insulation Dampproofing: VaporBarrier	31,000.00 sf	6.18 /sf	191,580 191,580	
		7210.040	Insulation: Board Expanded Polystyrene 2 " Insulation: Board	4,960.00 sf	2.50 /sf	12,400 12,400	
		7530.010	Membrane: Elastomeric EPDM EPDM .060 Thickness Membrane: Elastomeric EPDM	60,000.00 sf	14.42 /sf	865,200 865,200	
		7710.020	Sheetmetal: Gravel Stop Gravel Stop 8' High Sheetmetal: Gravel Stop	1,240.00 lf	12.00 /lf	14,880 14,880	
		7810.010	Fireproofing: Spray On Fireprtg Sprayd Beams 2 hr Fireproofing: Spray On	60,000.00 sf	2.00 /sf	120,000 120,000	
		7920.010	Sealant - Jt Filler Gaskt Caulk & Sealants (Our Forces) Sealant - Jt Filler Gaskt	1.00 ls	60,000.00 /ls	60,000 60,000	
THERMAL & MOISTURE PROT						1,264,060	
DOORS & WINDOWS							
8000.000		8100.000	Doors: Metal With Frames Metal Doors Metal Frames Doors: Metal With Frames	10.00 ea 26.00 ea	345.75 /ea 258.50 /ea	3,458 6,721 10,179	
		8210.010	Doors: Wood Oak Solid Core 3-0 X 7-0 Doors: Wood	16.00 ea	430.75 /ea	6,892 6,892	

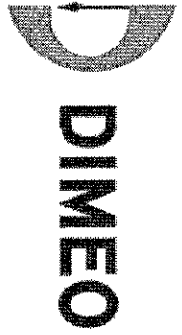
DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
	8360.010		Doors: Overhead Door OH Sectional Steel Doors: Overhead	6.00 ea	8,700.00 /ea	52,200	12x14'
	8510.010		Windows: Metal Aluminum Windows Windows: Metal	2,500.00 sf	65.00 /sf	162,500	
	8600.090		Skylights Unit Skylights Skylights	40.00 ea	1,199.76 /ea	47,990	4x4'
	8700.090		Hardware: Finishing Finishing Hardware Allowance Panic Device Door Closers	26.00 ea 6.00 ea 10.00 ea	428.50 /ea 888.00 /ea 266.25 /ea	11,141 5,328 2,663	Allowance \$325 / Door
	8740.000		Hardware: Finishing Hardware: Electromagnetic Card Key Locking Hardware Electromagnetic Door Holders Hardware: Electromagnetic	6.00 ea 6.00 ea	250.00 /ea 135.00 /ea	1,500 930	
	9000.000		FINISHES Division 9 Subcontractors			301,322	
	9000.010		Drywall Int Parts Ceramic Tile Floor Ceramic Tile Walls Acoustical Ceilings Resilient Flooring Vinyl Base Painting Walls Painting Doors & Frames	3,840.00 sf 210.00 sf 416.00 sf 8,000.00 sf 7,790.00 sf 640.00 lf 7,680.00 sf 26.00 ea	8.83 /sf 13.50 /sf 14.00 /sf 3.50 /sf 3.50 /sf 2.10 /lf 0.90 /sf 45.00 /ea	33,907 2,835 5,824 28,000 27,265 1,344 6,912 1,170	



**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

12/17/2010

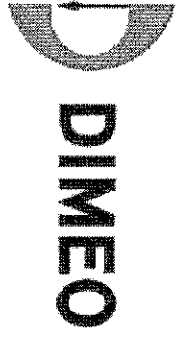
Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
			Division 9 Subcontractors			107,257	
			FINISHES			107,257	
			SPECIALTIES				
	10000.000		Toilet Compartments	8.00 ea	476.00 /ea	3,800	
			Metal Toilet Compartments			3,800	
			Toilet Compartments				
	10185.010		Shower/Dressing Compart	4.00 ea	550.00 /ea	2,200	
			Compartment Showers			2,200	
			Shower/Dressing Compart			2,200	
	10350.000		Flagpoles	1.00 ea	1,499.94 /ea	1,500	
			Flagpole			1,500	
			Flagpoles			1,500	
	10500.010		Lockers	30.00 ea	225.00 /ea	6,750	
			Lockers - Metal			6,750	
			Lockers			6,750	
	10524.010		Fire Extinguishers Etc	10.00 ea	96.23 /ea	962	
			Fire Extinguishers			962	
			Fire Ext Cabinet	10.00 ea	177.00 /ea	1,770	
			Fire Extinguishers Etc			2,732	
	10500.000		Partitions	350.00 lf	42.50 /lf	14,875	
			Wire Mesh Partition			14,875	
			Partitions			14,875	
	10900.010		Misc Toilet/Bath Equip	4.00 mn	1,500.00 /mn	6,000	
			Toilet Accessories			6,000	
			Misc Toilet/Bath Equip			6,000	
			SPECIALTIES			37,867	



**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
	11000.000		EQUIPMENT				
	11010.030		Equip: Vacuum Systems	1.00 ea	5,000.00 /ea	5,000	
			Vacuum Cleaning System Complete				
			Equip: Vacuum Systems			5,000	
	11140.010		Equip: Vehicle Service	1.00 ls	150,000.00 /ls	150,000	
			Vehicle Service Equipment			75,000	
			Fuel Dispensing Equipment	3.00 ea	25,000.00 /ea	225,000	
			Equip: Vehicle Service				
	11160.010		Equip: Parking Control	1.00 ls	25,000.00 /ls	25,000	
			Parking Control Equipment			25,000	
			Equip: Parking Control				
	11160.010		Equip: Dock	1.00 ea	7,499.99 /ea	7,500	
			Dock Leveler			219	
			Dock Bumpers	2.00 ea	109.50 /ea	1,910	
			Dock Seals	38.00 lf	50.25 /lf	9,628	
			Equip: Dock				
	11450.010		Equip: Residential Food	1.00 ea	1,063.50 /ea	1,064	
			Refrigerator	1.00 ea	1,014.88 /ea	1,015	
			Dishwasher Built-in	1.00 ea	194.83 /ea	195	
			Microwave	1.00 ea		2,273	
			Equip: Residential Food				
			EQUIPMENT			265,902	
	12000.000		FURNISHINGS				
	12490.010		Window Treatments	2,500.00 sf	5.00 /sf	12,500	
			Blinds			12,500	
			Window Treatments			12,500	
			FURNISHINGS			12,500	



**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
	13000.000		SPECIAL CONSTRUCTION				
	13100.000		Lightning Protection	1.00 ea	35,000.00 /ea	35,000	
			Lightning Protection Sub				
			Lightening Protection			35,000	
	13200.000		Storage Tanks				
			Convaunt AG Tanks	2.00 ea	125,000.00 /ea	250,000	
			Storage Tanks			250,000	
			SPECIAL CONSTRUCTION			285,000	
	14000.000		CONVEYING SYSTEMS				
	14400.010		Lifts				
			Vehicle Lifts	3.00 ea	85,000.00 /ea	255,000	
			Lifts			255,000	
	14600.010		Hoists & Cranes				
			Overhead Monorail System	200.00 lf	301.90 /lf	60,380	10 ton
			Hoists & Cranes			60,380	
			CONVEYING SYSTEMS			315,380	
	15000.000		MECHANICAL				
	15300.010		Sprinkler				
			Fire Protection (Sqft)	60,000.00 sf	4.50 /sf	270,000	
			Sprinkler			270,000	
	15400.000		Plumbing				
			Plumbing (Sqft)	60,000.00 sf	2.00 /sf	120,000	
			Plumbing			120,000	
	15700.000		HVAC Systems				
			HVAC (Sqft)	60,000.00 sf	10.80 /sf	648,000	

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island



**Providence Water Supply Board
60,000 sqft Maintenance Building
Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
			HVAC Systems			<u>\$48,000</u>	
	15900.000	Controls	Building Systems Control Controls	60,000.00 sf	1.00 /sf	60,000	
						<u>60,000</u>	
			MECHANICAL			<u>1,093,000</u>	
	16000.000		ELECTRICAL				
	18000.010	Electrical Complete	Electrical (Srm) Electrical Complete	60,000.00 sf	18.00 /sf	1,080,000	
						<u>1,080,000</u>	
	16200.010	Power Generation	Power Generation Generators	1.00 ea	75,000.00 /ea	75,000	
			Power Generation			<u>75,000</u>	
			ELECTRICAL			<u>1,155,000</u>	
			VEHICLE MAINT.			<u>11,719,321</u>	



Providence Water Supply Board
60,000 sqft Maintenance Building
Budget

12/17/2010

	Partial Totals	
Labor Material Subcontract Equipment Other	<u>11,719,321</u> 11,719,321	
FF&E Allowance Security - Booth Building	11,719,321	
Contingency	<u>585,966</u> 585,966	5.000 %
Escalation	<u>430,685</u> 430,685	3.500 %
Building Permit	<u>191,040</u> 191,040	1.500 %
G & L Insurance	<u>109,880</u> 109,880	8.500 \$ / #####
C.M. Fee (2.85%)	<u>371,551</u> 371,551	2.850 %
P&P Bond	<u>103,842</u> 103,842	0.725 %
Architects & Engineers Fees	<u>810,737</u> 810,737	6.000 %
Partial Total	14,323,022	

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island

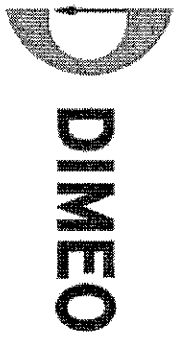


Providence Water Supply Board
60,000 sqft Pre-Engineered Maintenance Building
Deductive Alternate Budget

12/17/2010

Estimator f/s
Job cost job number 227-10

Notes
Maintenance building Deductive Alternate Budget, a 60,000 sqft one story building. Concrete foundations, slab on grade Pre-Engineered steel building construction, with Insulated Metal Panel Roof and Walls exterior veneer.

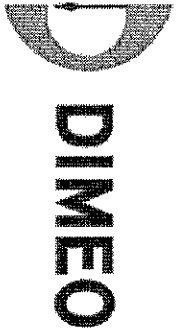


Providence Water Supply Board
60,000 sqft Pre-Engineered Maintenance Building
Deductive Alternate Budget

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
ZPRE-ENG-ALT	3000.000	3310.140	CONCRETE Conc: Footings Footng Conc Col Conc: Footings	-22.52 cy	550.00 /cy	(12,386) 38 exx15'	
						(12,386)	
	4000.000	4000.010	MASONRY Division 4 Subcontractors Masonry - Brick Sub Labor/Matrl Masonry - Scaffold Division 4 Subcontractors	-27,500.00 sf -65,000.00 sf	42.50 /sf 6.26 /sf	(1,168,750) (413,750)	
		4220.110	Conc. Block: 8" Blk 8" Standard Face Conc. Block: 8"	-34,875.00 ea	21.53 /ea	(750,894)	
			MASONRY			(2,263,184)	
	5000.000	5000.010	METALS Division 5 Subcontractors Structural Roof Framing #/sf Metal Decking Sqft Division 5 Subcontractors	-270.00 ton -60,000.00 sf	3,000.00 /ton 2.00 /sf	(810,000) (120,000)	
		5505.010	Misc: Misc Metals Misc Metals Misc: Misc Metals	-60,000.00 sf	1.50 /sf	(90,000)	
			METALS			(1,020,000)	
	7000.000	7111.010	THERMAL & MOISTURE PROT Dampproofing: VaporBarrier Vapor Barrier & Cavity Insulation	-31,000.00 sf	6.18 /sf	(191,580)	

DIMEO CONSTRUCTION COMPANY
 Providence, Rhode Island



**Providence Water Supply Board
60,000 sqft Pre-Engineered Maintenance Building
Deductive Alternate Budget**

12/17/2010

Location	Group	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount	Notes
		7530.010	Dampproofing: Vapor Barrier			(191,580)	
		7530.010	Membrane: Elastomeric EPDM EPDM .050 Thickness	-60,000.00 sf	14.42 /sf	(865,200)	
		7530.010	Membrane: Elastomeric EPDM			(865,200)	
		7710.020	Sheetmetal: Gravel Stop			(14,880)	
		7710.020	Gravel Stop 8" High	-1,240.00 lf	12.00 /lf	(14,880)	
		7710.020	Sheetmetal: Gravel Stop			(14,880)	
			THERMAL & MOISTURE PROT			(1,971,580)	
		8600.000	DOORS & WINDOWS				
		8600.000	Skylights			(47,990)	
		8600.000	Unit Skylights	-40.00 ea	1,199.76 /ea	(47,990)	4x4'
		8600.000	Skylights			(47,990)	
			DOORS & WINDOWS			(47,990)	
		13000.000	SPECIAL CONSTRUCTION				
		13120.010	Pre-Engineered Structures			1,731,000	
		13120.010	Pre-Engineered Building	60,000.00 sf	28.85 /sf	1,731,000	
		13120.010	Pre-Engineered Structures			1,731,000	
			SPECIAL CONSTRUCTION			1,731,000	
			ZPRE-ENG.ALT			(2,684,221)	



**Providence Water Supply Board
60,000 sqft Pre-Engineered Maintenance Building
Deductive Alternate Budget**

12/17/2010

	Partial Totals	
Labor Material Subcontract	<u>(2,684,221)</u>	(2,684,221)
FF&E Allowance Security - Booth Building		(2,684,221)
Contingency	<u>(134,211)</u>	5.000 %
	(134,211)	(2,818,432)
Escalation	<u>(98,645)</u>	3.500 %
	(98,645)	(2,917,077)
Building Permit	<u>(43,756)</u>	1.500 %
	(43,756)	(2,960,833)
G & L Insurance	<u>(25,167)</u>	8.500 \$ / #####
	(25,167)	(2,986,000)
C.M. Fee (2.85%)	<u>(85,101)</u>	2.850 %
	(85,101)	(3,071,101)
P&P Bond	<u>(23,784)</u>	0.725 %
	(23,784)	(3,094,885)
Architects & Engineers Fees	<u>(185,693)</u>	6.000 %
	(185,693)	(3,280,578)
Partial Total		(3,280,578)

DIMEO CONSTRUCTION COMPANY
Providence, Rhode Island