

(B)

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
1000.103	PROJECT SUPERVISION						
0110	Project Executive 1 day a week	54.00	54.00	0.00	60,912	60,912	0
0140	Project Manager	54.00	54.00	0.00	193,536	193,536	0
0160	Project Engineer	54.00	54.00	0.00	129,600	129,600	0
0170	Purchasing Agent	6.00	6.00	0.00	21,360	21,360	0
0180	Purchasing Secretary Half time	6.00	6.00	0.00	3,360	3,360	0
0220	Safety Officer 1 day a week	52.00	54.00	-2.00	29,592	29,592	(29,592)
0224	Administrative Assistant (on-site)	54.00	54.00	0.00	75,600	75,600	0
0300	Project Superintendent	54.00	54.00	0.00	177,120	177,120	0
0350	Cost Control Management 2 days a week	54.00	54.00	0.00	39,744	39,744	0
	PROJECT SUPERVISION				715,480	730,824	(15,344)
1000.107	MISC GENERAL EXPENSES						
0050	Small Tools	12.00	12.00	0.00	3,300	3,300	0
0060	Expendable Tools	12.00	12.00	0.00	1,500	1,500	0
0070	Consumable Supplies	12.00	12.00	0.00	2,400	2,400	0
0080	Water, Ice and Cups	12.00	12.00	0.00	2,400	2,400	0
	MISC GENERAL EXPENSES				9,600	9,600	0
1000.202	PRECONSTRUCTION SERVICES						
0110	Project Executive	70.00	70.00	0.00	9,870	9,870	0
0180	Senior Estimator / Planner	240.00	240.00	0.00	24,240	24,240	0
0184	Mech / Elec Coordinator	120.00	120.00	0.00	10,980	10,980	0
0170	Site Coordinator	80.00	80.00	-80.00	6,160	6,160	(6,160)
0200	Reimbursable Expenses Allowance	1.00	1.00	0.00	7,500	7,500	0
	PRECONSTRUCTION SERVICES				52,590	58,750	(6,160)
1000.300	SUBMITTALS & CONSULTANTS						
0100	Construction Schedule	12.00	12.00	0.00	6,912	6,912	0
0200	Drawing / Document Reproduction	50.00	100.00	-50.00	12,500	25,000	(12,500)
0250	As Built Documentation	1.00	1.00	0.00	7,500	7,500	0
0300	Job Photographs	12.00	12.00	0.00	1,200	1,200	0
	SUBMITTALS & CONSULTANTS				28,112	40,612	(12,500)
1000.400	QUALITY CONTROL						
0100	Testing and Inspection	1.00	1.00	0.00	25,000	25,000	0
0200	Mock-ups	1.00	1.00	0.00	7,500	7,500	0
	QUALITY CONTROL				32,500	32,500	0
1000.510	TEMPORARY UTILITIES						
0120	Temporary Electric Power Consumption	12.00	12.00	0.00	30,000	30,000	0
0200	Temporary Heating System	4.00	4.00	0.00	20,000	20,000	0
0220	Temporary Heat - Fuel Consumption	4.00	4.00	0.00	60,000	60,000	0
0300	Telephone Connection Cost	1.00	1.00	0.00	2,500	2,500	0
0320	Telephone Usage Charge	12.00	12.00	0.00	12,000	12,000	0
0400	Temporary Water Service	1.00	1.00	0.00	1,000	1,000	0
0420	Temporary Water Usage Charge	12.00	12.00	0.00	2,400	2,400	0
0510	Temporary Trollers	12.00	12.00	0.00	5,400	5,400	0
0610	Fire Extinguishers	8.00	8.00	0.00	1,400	1,400	0

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
1000.530	TEMPORARY UTILITIES						
	BARRIERS & ENCLOSURES						
0100	Barricades	150.00	150.00	0.00	3,750	3,750	0
0150	Temporary Fence	800.00	1,200.00	-400.00	9,600	14,400	(4,800)
	BARRIERS & ENCLOSURES				13,350	18,150	(4,800)
1000.540	SECURITY & SAFETY						
0120	Personal Protection Equipment	12.00	12.00	0.00	1,500	1,500	0
0130	Safety Supplies	12.00	12.00	0.00	1,800	1,800	0
0140	First Aid Supplies	12.00	12.00	0.00	3,000	3,000	0
	SECURITY & SAFETY				6,300	6,300	0
1000.560	TEMPORARY CONTROLS						
0110	Daily Housekeeping	52.00	52.00	0.00	141,440	141,440	0
0130	Rubbish / Dumpster Pulls	30.00	36.00	-6.00	18,000	21,600	(3,600)
0150	Final Cleanup (Sub)	60,000.00	60,000.00	0.00	33,000	33,000	0
0190	Snow Removal	7.00	7.00	0.00	5,250	5,250	0
0200	Weather Protection	4.00	6.00	-2.00	30,000	45,000	(15,000)
	TEMPORARY CONTROLS				227,690	246,290	(18,600)
1000.580	PROJECT SIGNS						
0110	Project Signs	1.00	1.00	0.00	1,500	1,500	0
0120	Safety Signs	25.00	25.00	0.00	1,000	1,000	0
	PROJECT SIGNS				2,500	2,500	0
1000.590	FIELD OFFICES & STORAGE						
0130	Office Trailer Set-up	2.00	2.00	0.00	6,000	6,000	0
0135	Office Trailer Lease (GC)	12.00	12.00	0.00	11,400	11,400	0
0210	Copy Machine	12.00	12.00	0.00	3,000	3,000	0
0222	Fax Machine, Purchase	1.00	1.00	0.00	550	550	0
0230	Computer, Hardware and Software	1.00	1.00	0.00	2,500	2,500	0
0310	Office Supplies	12.00	12.00	0.00	3,000	3,000	0
0320	Postage and Express Mail	12.00	12.00	0.00	2,400	2,400	0
	FIELD OFFICES & STORAGE				28,850	28,850	0
1720.030	Layout						
10	Layout (Own Forces)	1.00	1.00	0.00	3,599	4,600	(1,001)
	Layout				3,599	4,600	(1,001)
2315.020	Earthwtk: Cut & Fill Etc						
40	Gravel Borrow	1,500.00	1,500.00	0.00	52,500	52,500	0
	Earthwtk: Cut & Fill Etc				52,500	52,500	0
2315.021	Excavate Footing By Machine						
20	Excavate Footing By Machine	1,415.00	1,415.00	0.00	42,450	42,450	0
	Earthwtk: Excav Foot/Misc				42,450	42,450	0
2315.024	Earthwtk: Fine Grade						
10	Fine Grade	30,000.00	30,000.00	0.00	9,000	9,000	0
	Earthwtk: Fine Grade				9,000	9,000	0
2315.070	Backfill: Foot Wall Misc						
10	Backfill Footings & Walls	1,176.00	1,176.00	0.00	20,439	20,439	0

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
2315.070	Backfill: Foot Wall Misc Gravel at slab Backfill: Foot Wall Misc	666.00 cy	666.00 cy	0.00 cy	23,310 43,749	23,310 43,749	0 0
2340.010	Soil Stabilize/Erosion CH Soil Stabilize - Crush Rock Siltation Fence Hay Bales Soil Stabilize/Erosion CH	20.00 cy 1,200.00 lf 100.00 lf	20.00 cy 1,200.00 lf 100.00 lf	0.00 cy 0.00 lf 0.00 lf	700 6,000 1,000 7,700	700 6,000 1,000 7,700	0 0 0 0
2620.010	Drainage: French Drains French Drain 4" Drainage: French Drains	1,000.00 lf	1,000.00 lf	0.00 lf	20,000 20,000	30,000 30,000	(10,000) (10,000)
3210.050	Rebar: All Types Rebar - Lump Sum (tons) Rebar: All Types	11.25 ton	11.25 ton	0.00 ton	16,874 16,874	16,874 16,874	0 0
3310.140	Conc: Footings Footng Conc Contin Footng Conc Col and Pit Conc: Footings	97.00 cy 64.00 cy	97.00 cy 64.00 cy	0.00 cy 0.00 cy	45,881 30,271 76,152	48,306 31,871 80,177	(2,425) (1,601) (4,025)
3310.160	Conc: Walls Wall Conc 4000 psi Conc: Walls	138.00 cy	138.00 cy	0.00 cy	79,350 79,350	82,110 82,110	(2,760) (2,760)
3310.210	Conc: Slabs On Grade S.O.G. Conc 4000 psi Conc: Slabs On Grade	29,204.00 sqft	29,204.00 sqft	0.00 sqft	204,428 204,428	204,428 204,428	0 0
3310.320	Conc: Fill Pan Stairs Fill Pan Stairs 3000 psi Conc: Fill Pan Stairs	6.00 cy	6.00 cy	0.00 cy	3,770 3,770	3,770 3,770	0 0
3310.380	Conc: Slab On Corrturform Conc @ Corrturform 4000 psi Conc: Slab On Corrturform	29,204.00 sqft	29,204.00 sqft	0.00 sqft	191,286 191,286	191,286 191,286	0 0
4000.010	Division 4 Subcontractors Brick Veneer Cast Stone Lime Stone Masonry - Weather Prot & Temp Heat Masonry - Scaffold Division 4 Subcontractors	11,100.00 sf 1,000.00 cf 1,600.00 cf 17,500.00 sf 17,500.00 sf	11,100.00 sf 1,000.00 cf 1,600.00 cf 17,500.00 sf 17,500.00 sf	0.00 sf 0.00 cf 0.00 cf 0.00 sf 0.00 sf	361,305 55,000 200,000 79,625 97,125 793,055	361,305 55,000 200,000 79,625 97,125 793,055	0 0 0 0 0 0
4220.110	Conc. Block: 8" Blk 8" Standard Face Conc. Block: 8"	5,520.00 ea	5,520.00 ea	0.00 ea	118,818 118,818	118,818 118,818	0 0
4423.000	Stone Granite Granite Floor Tile	750.00 sf	750.00 sf	0.00 sf	26,250 26,250	26,250 26,250	0 0

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
5000.010	Stone Granite				26,250	26,250	0
	Division 5 Subcontractors						
	5 Structural Floor Framing 17#/#ft	255.00 ton	255.00 ton	0.00 ton	895,050	895,050	0
	6 Structural Roof Framing 8#/#ft	120.00 ton	120.00 ton	0.00 ton	421,200	421,200	0
	10 Metal Decking Sqft	60,000.00 sf	60,000.00 sf	0.00 sf	120,000	120,000	0
	Division 5 Subcontractors				1,436,250	1,436,250	0
5505.010	Misc: Misc Metals				60,000	60,000	0
	10 Misc Metals	60,000.00 sf	60,000.00 sf	0.00 sf	60,000	60,000	0
	Misc: Misc Metals				60,000	60,000	0
5510.110	Stairs: Stair Parts				25,000	25,000	0
	10 Steel Stairs	2.00 ft	2.00 ft	0.00 ft	25,000	25,000	0
	Stairs: Stair Parts				25,000	25,000	0
5720.010	Ornamental: Rail & Fence				54,986	54,986	0
	10 Ornamental Stair and Railing	1.00 lsum	1.00 lsum	0.00 lsum	54,986	54,986	0
	Ornamental: Rail & Fence				54,986	54,986	0
6000.010	Division 6 Subcontractors				250,000	300,000	(50,000)
	5 Millwork - Allowance	1.00 ls	1.00 ls	0.00 ls	250,000	300,000	(50,000)
	Division 6 Subcontractors				250,000	300,000	(50,000)
6117.010	Blocking: Roof Nailers				30,938	30,938	0
	1218 Roof Nail PT 2 x 6 R.L.	4,950.00 bf	4,950.00 bf	0.00 bf	30,938	30,938	0
	Blocking: Roof Nailers				30,938	30,938	0
6117.020	Blocking: Misc.				15,743	15,743	0
	10 Misc Safety Railings	488.00 lf	488.00 lf	0.00 lf	15,743	15,743	0
	190 Blocking 2 x 6 R.L.	5,000.00 bf	5,000.00 bf	0.00 bf	30,150	30,150	0
	Blocking: Misc.				45,893	45,893	0
7111.010	Dampproofing: VapBarrier				31,548	31,548	0
	40 Cavity Insulation	13,200.00 sf	13,200.00 sf	0.00 sf	31,548	31,548	0
	40 Perma Barrier Membrane	13,200.00 sf	13,200.00 sf	0.00 sf	100,320	100,320	0
	40 Perma Barrier Membrane Edge	4,200.00 sf	4,200.00 sf	0.00 sf	65,730	65,730	0
	Dampproofing: VapBarrier				197,598	197,598	0
7139.010	Waterproofing: Other				6,722	6,722	0
	40 Waterproof Iron Compound	520.00 sf	520.00 sf	0.00 sf	6,722	6,722	0
	Waterproofing: Other				6,722	6,722	0
7210.040	Insulation: Board				12,672	12,672	0
	70 Expanded Polystyrene 2 " Foundation	6,400.00 sf	6,400.00 sf	0.00 sf	12,672	12,672	0
	Insulation: Board				12,672	12,672	0
7530.010	Membrane: Elastomerc EPDM				443,400	443,400	0
	70 EPDM .060 Thickness	30,000.00 sf	30,000.00 sf	0.00 sf	443,400	443,400	0
	Membrane: Elastomerc EPDM				443,400	443,400	0
7710.020	Sheetmetal: Gravel Stop				9,800	9,800	0
	30 Gravel Stop 8" High	800.00 lf	800.00 lf	0.00 lf	9,800	9,800	0

Item	Description	Takeoff Qty		Variance	Total		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Amount	Amount	
7810.010	Sheetmetal: Gravel Stop						
	Fireproofing: Spray On	60,000.00 sf	60,000.00 sf	0.00 sf	120,000	120,000	0
	Fireproofing: Spray On				120,000	120,000	0
7920.010	Sealant - Jt Filler Gasket						
	Caulk & Sealants	1.00 ls	1.00 ls	0.00 ls	50,000	60,000	(10,000)
	Sealant - Jt Filler Gasket				50,000	60,000	(10,000)
8100.000	Doors: Metal With Frames						
	Metal Doors	25.00 ea	25.00 ea	0.00 ea	12,025	12,025	0
	Metal Frames	150.00 ea	150.00 ea	0.00 ea	45,900	45,900	0
	Doors: Metal With Frames				57,925	57,925	0
8210.010	Doors: Wood						
	Oak Solid Core	125.00 ea	125.00 ea	0.00 ea	63,000	63,000	0
	op26				63,000	63,000	0
	Doors: Wood						
8360.010	Doors: Overhead						
	Door OH Sectional Steel	1.00 ea	1.00 ea	0.00 ea	8,700	8,700	0
	Doors: Overhead				8,700	8,700	0
8510.010	Windows: Metal						
	Aluminum Windows	5,500.00 sf	5,500.00 sf	0.00 sf	495,000	495,000	0
	Windows: Metal				495,000	495,000	0
8700.000	Hardware: Finishing						
	Finishing Hardware Allowance	150.00 ea	150.00 ea	0.00 ea	67,538	67,538	0
	Partic Device	12.00 ea	12.00 ea	0.00 ea	10,656	10,656	0
	Door Closers	40.00 ea	40.00 ea	0.00 ea	10,650	10,650	0
	Weatherstripping	4.00 ea	4.00 ea	0.00 ea	900	900	0
	Automatic Door Operators	2.00 ea	2.00 ea	0.00 ea	6,599	6,599	0
	Hardware: Finishing				96,342	96,342	0
8740.000	Hardware: Electromagnetic						
	Card Key Locking Hardware	10.00 ea	10.00 ea	0.00 ea	2,500	2,500	0
	Electromagnetic Door Holders	10.00 ea	10.00 ea	0.00 ea	1,550	1,550	0
	Hardware: Electromagnetic				4,050	4,050	0
8900.010	Glazed Curtain Walls						
	Aluminum Curtain Wall and Entrances	1,000.00 sf	1,000.00 sf	0.00 sf	115,000	115,000	0
	Glazed Curtain Walls				115,000	115,000	0
9000.010	Division 9 Subcontractors						
	Drywall Int Parts	23,986.600 sf	23,986.600 sf	0.00 sf	248,501	248,501	0
	Drywall Ext Parts	19,200.00 sf	19,200.00 sf	0.00 sf	289,152	289,152	0
	Ceramic Tile Floor	1,023.00 sf	1,023.00 sf	0.00 sf	14,322	14,322	0
	Ceramic Tile Walls	1,460.00 sf	1,460.00 sf	0.00 sf	18,615	18,615	0
	Acoustical Ceilings	56,308.00 ls	56,308.00 ls	0.00 ls	230,863	230,863	0
	Vinyl Base	5,600.00 lf	5,600.00 lf	0.00 lf	12,600	12,600	0
	Radial Rubber Tile	900.00 sf	900.00 sf	0.00 sf	8,100	8,100	0
	Resil Safety Tread	160.00 lf	160.00 lf	0.00 lf	1,920	1,920	0
	Resil Stair Riser & Stringer	115.00 lf	115.00 lf	0.00 lf	385	385	0

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
9000.010	Division 9 Subcontractors						
90	Carpet	6,142.00	6,142.00	0.00	184,260	184,260	0
100	Painting Walls	50,400.00	50,400.00	0.00	45,360	45,360	0
100	Painting Soffits	2,000.00	2,000.00	0.00	1,700	1,700	0
100	Painting Doors & Frames	150.00	150.00	0.00	6,750	6,750	0
---	Drywall Soffits	2,000.00	2,000.00	0.00	19,100	19,100	0
	Division 9 Subcontractors				1,081,628	1,081,628	0
10100.010	Visual Display Boards						
60	Operable Markboards	4.00	4.00	0.00	4,799	4,799	0
	Visual Display Boards				4,799	4,799	0
10160.010	Toilet Compartments						
20	Toilet Compartments - phenolic	32.00	32.00	0.00	35,200	35,200	0
40	Urinal Screens	12.00	12.00	0.00	5,400	5,400	0
	Toilet Compartments				40,601	40,601	0
10200.000	Louvers and Vents						
30	Wall Louver: Stationary	4.00	4.00	0.00	4,799	4,799	0
	Louvers and Vents				4,799	4,799	0
10350.000	Flagpoles						
10	Flagpole	1.00	1.00	0.00	1,500	1,500	0
	Flagpoles				1,500	1,500	0
10430.010	Signs and Letters						
30	Exterior Dimensional Letters	1.00	1.00	0.00	10,000	10,000	0
60	Interior Door Signage	175.00	175.00	0.00	7,875	7,875	0
	Signs and Letters				17,875	17,875	0
10521.010	Fire Extinguishers Etc						
10	Fire Extinguishers	10.00	10.00	0.00	770	770	0
50	Fire Exl Cabinet	10.00	10.00	0.00	1,260	1,260	0
	Fire Extinguishers Etc				2,030	2,030	0
10800.010	Misc Toilet/Bath Equip						
---	Toilet Accessories	8.00	8.00	0.00	12,001	12,001	0
	Misc Toilet/Bath Equip				12,001	12,001	0
11160.010	Equip: Dock						
10	Dock Laveler	1.00	1.00	0.00	9,250	9,250	0
20	Dock Bumpers	2.00	2.00	0.00	260	260	0
40	Dock Seals	38.00	38.00	0.00	1,910	1,910	0
	Equip: Dock				11,419	11,419	0
11450.010	Equip: Residential Food						
30	Refrigerator	3.00	3.00	0.00	4,875	4,875	0
50	Compactor Residential Size	3.00	3.00	0.00	2,202	2,202	0
60	Microwave	3.00	3.00	0.00	584	584	0
	Equip: Residential Food				7,661	7,661	0
12480.010	Window Treatments						
20	Blinds	5,500.00	5,500.00	0.00	66,000	66,000	0

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
13100.000	Lighting Protection Lighting Protection Sub	1.00	1.00	0.00	35,000	35,000	0
14200.010	Elevators Elevator Hydraulic Elevator Freight Hydraulic Elevators	1.00 ea 1.00 ea	1.00 ea 1.00 ea	0.00 ea 0.00 ea	85,000 120,000 205,000	86,000 120,000 205,000	0
15300.010	Sprinkler Fire Protection (Sqft) Pre-Action Sprinkler Systems Sprinkler	60,000.00 sf 600.00 sf	60,000.00 sf 600.00 sf	0.00 sf 0.00 sf	270,000 12,000 282,000	270,000 12,000 282,000	0
15400.000	Plumbing Plumbing (Sqft)	60,000.00 sf	60,000.00 sf	0.00 sf	1,080,000 1,080,000	1,080,000 1,080,000	0
15700.000	HVAC Systems HVAC (Sqft) HVAC Systems	60,000.00 sf	60,000.00 sf	0.00 sf	2,400,000 2,400,000	2,400,000 2,400,000	0
15800.000	Controls Controls (Lump Sum)	60,000.00 sf	60,000.00 sf	0.00 sf	510,000 510,000	510,000 510,000	0
16000.010	Electrical Complete Electrical (Sqft) Electrical Complete	60,000.00 sf	60,000.00 sf	0.00 sf	1,860,000 1,860,000	1,860,000 1,860,000	0
16200.010	Power Generation Generators Power Generation	1.00 ea	1.00 ea	0.00 ea	75,000 75,000	75,000 75,000	0
1 Admin Bldg 60,000 sf		60,000.00 sf	60,000.00 sf	0.00	14,221,043	14,356,233	(135,190)
2 Vehicles Garage		31,600 sf					
1000.103	PROJECT SUPERVISION						
0150	Assistant Project Manager	52.00 wk	52.00 wk	0.00 wk	143,520	143,520	0
0160	Project Engineer Half Time	52.00 wk	52.00 wk	0.00 wk	62,400	62,400	0
0170	Purchasing Agent	4.00 wk	4.00 wk	0.00 wk	14,240	14,240	0
0180	Purchasing Secretary Half time	4.00 wk	4.00 wk	0.00 wk	2,240	2,240	0
0220	Safety Officer Half Day a week	52.00 wk	52.00 wk	0.00 wk	14,248	14,248	0
0300	Project Superintendent	52.00 wk	52.00 wk	0.00 wk	170,560	170,560	0
0350	Cost Control Management 1 days a week	52.00 wk	52.00 wk	0.00 wk	19,136	19,136	0
PROJECT SUPERVISION					426,344	426,344	0
1000.202	PRECONSTRUCTION SERVICES						
0110	Project Executive	50.00 mh	50.00 mh	0.00 mh	7,050	7,050	0

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
PRECONSTRUCTION SERVICES							
1000.202	0160 Senior Estimator / Planner	200.00	mh	0.00	mh	20,200	0
	0184 Mech / Elec Coordinator	120.00	mh	0.00	mh	10,980	0
	0170 Site Coordinator	80.00	mh	0.00	mh	6,160	0
	0200 Reimbursable Expenses Allowance	1.00	lsun	0.00	lsun	5,000	0
	PRECONSTRUCTION SERVICES					49,390	0
SUBMITTALS & CONSULTANTS							
1000.300	0100 Construction Schedule	11.00	ea	0.00	ea	6,336	0
	0200 Drawing / Document Reproduction	50.00	set	-50.00	set	12,500	(12,500)
	0250 As Built Documentation	1.00	lsun	0.00	lsun	7,500	0
	0250 As Built Documentation	1.00	lsun	-1.00	lsun	7,500	(7,500)
	0300 Job Photographs	12.00	mnth	0.00	mnth	1,200	0
	SUBMITTALS & CONSULTANTS					27,536	(20,000)
TEMPORARY UTILITIES							
1000.510	0120 Temporary Electric Power Consumption	12.00	mnth	0.00	mnth	21,000	0
	0200 Temporary Heating System	4.00	mnth	0.00	mnth	20,000	0
	0220 Temporary Heat - Fuel Consumption	4.00	mnth	0.00	mnth	60,000	0
	0320 Telephone Usage Charge	12.00	mnth	-12.00	mnth	12,000	(12,000)
	0420 Temporary Water Usage Charge	12.00	mnth	-12.00	mnth	2,400	(2,400)
	0510 Temporary Toilets	12.00	mnth	-12.00	mnth	5,400	(5,400)
	0610 Fire Extinguishers	6.00	ea	0.00	ea	1,050	0
	TEMPORARY UTILITIES					102,050	(19,800)
BARRIERS & ENCLOSURES							
1000.530	0150 Temporary Fence	800.00	lf	-800.00	lf	9,600	(9,600)
	BARRIERS & ENCLOSURES					9,600	(9,600)
SECURITY & SAFETY							
1000.540	0120 Personal Protection Equipment	12.00	mnth	0.00	mnth	1,500	0
	0130 Safety Supplies	12.00	mnth	0.00	mnth	1,800	0
	0140 First Aid Supplies	12.00	mnth	0.00	mnth	3,000	0
	SECURITY & SAFETY					6,300	0
TEMPORARY CONTROLS							
1000.560	0110 Daily Housekeeping	52.00	wk	0.00	wk	141,440	0
	0130 Rubbish / Dumpster Pulls	30.00	load	-6.00	load	18,000	(3,600)
	0150 Final Cleanup (Sub)	31,600.00	sf	0.00	sf	14,220	0
	0200 Weather Protection	4.00	mnth	-2.00	mnth	30,000	(15,000)
	TEMPORARY CONTROLS					203,660	(18,600)
PROJECT SIGNS							
1000.580	0120 Safety Signs	25.00	ea	0.00	ea	1,000	0
	PROJECT SIGNS					1,000	0
LAYOUT							
1720.030	10 Layout (Own Forces)	1.00	ea	0.00	ea	3,599	(1,001)
	LAYOUT					3,599	(1,001)
1730.100	20 Sub: Demolition	1.00	ls	-1.00	ls	75,000	(75,000)
	Demo: Subcontractors					75,000	(75,000)

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
2315.021	Earthwk: Excav Foot/Misc Excavate Footing By Machine Earthwk: Excav Foot/Misc	807.00	940.00	-133.00	24,210	28,200	(3,990)
	Demo: Subcontractors				24,210	28,200	(3,990)
2315.024	Earthwk: Fine Grade Fine Grade Earthwk: Fine Grade	31,600.00	31,600.00	0.00	9,480	9,480	0
2315.070	Backfill: Foot Wall Misc Backfill Footings & Walls Gravel at slab Backfill: Foot Wall Misc	589.00 702.00	710.00 702.00	-121.00 0.00	10,237 24,570	12,340 24,570	(2,103) 0
2340.010	Soil Stabilze/Erosion Ctl Soil Stabilize - Crush Rock Siltation Fence Hay Bales Soil Stabilze/Erosion Ctl	20.00 1,200.00 100.00	20.00 1,200.00 100.00	0.00 0.00 0.00	700 6,000 1,000	700 6,000 1,000	0 0 0
2620.010	Drainage: French Drains French Drain 4" Drainage: French Drains	800.00	800.00	0.00	16,000	24,000	(8,000)
3210.050	Rebar: All Types Rebar - Lump Sum (tons) Rebar - Lump Sum (tons) Rebar: All Types	12.00 11.25	12.00 11.25	0.00 0.00	17,999 16,874	17,999 16,874	0 0
3310.140	Conc: Footings Footng Conc Contin Footng Conc Col and Pil Conc: Footings	105.00 38.48	105.00 61.00	0.00 -22.52	49,665 18,200	52,290 30,377	(2,625) (12,177)
3310.160	Conc: Walls Wall Conc 4000 psi Conc: Walls	131.50	131.50	0.00	75,613	78,243	(2,630)
3310.210	Conc: Slabs On Grade S.O.G. Conc 4000 psi Conc: Slabs On Grade	31,093.00	31,093.00	0.00	217,651	217,651	0
3350.400	Finish: Floor Hardener Floor Sealer - Hardener Finish: Floor Hardener	31,093.00	31,093.00	0.00	27,076	27,076	0
4000.010	Division 4 Subcontractors Brick Veneer Masonry - Scaffold Division 4 Subcontractors	17,100.00 23,100.00	17,100.00 23,100.00	-17,100.00 -23,100.00	556,605 128,205	556,605 128,205	(556,605) (128,205)
4220.110	Conc: Block: 8" Standard Face	25,987.50	25,987.50	-25,987.50	559,381	559,381	(559,381)

Total

75,000 (75,000)

Item	Description	Takeoff Qty		Variance	Total		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Amount	Amount	
5000.010	Division 5 Subcontractors 6 Structural Roof Framing 9#/sf 10 Metal Decking Sqft Division 5 Subcontractors		142.00 ton 31,600.00 sf	-142.00 ton -31,600.00 sf	498,420 63,200	(498,420) (63,200)	0
5505.010	Misc: Misc Metals 10 Misc Metals Misc: Misc Metals		31,600.00 sf	0.00 sf	47,400	47,400	0
6117.010	Blocking: Roof Nailers Roof Nail PT 2 x 6 R.L. Blocking: Roof Nailers		6,800.00 bf	-6,600.00 bf	41,250	41,250	(41,250)
6117.020	Blocking: Misc. 190 Blocking 2 x 6 R.L. Blocking: Misc.		6,000.00 bf	0.00 bf	36,180	36,180	0
7111.010	Dampproofing: VapBarrier 40 Cavity Insulation 40 Perma Barrier Membrane 40 Perma Barrier Membrane Edge Dampproofing: VapBarrier		17,100.00 sf 17,100.00 sf 1,200.00 sf	-17,100.00 sf -17,100.00 sf -1,200.00 sf	40,869 129,960 18,780	(40,869) (129,960) (18,780)	(189,609)
7210.040	Insulation: Board 70 Expanded Polystyrene 2" Foundation Insulation: Board		6,160.00 sf	0.00 sf	12,197	12,197	0
7530.010	Membrane: Elastomerc EPDM 70 EPDM .060 Thickness Membrane: Elastomerc EPDM		31,600.00 sf	-31,600.00 sf	467,048	467,048	(467,048)
7710.020	Sheetmetal: Gravel Stop 30 Gravel Stop 8" High Sheetmetal: Gravel Stop		770.00 lf	-770.00 lf	9,240	9,240	(9,240)
7810.010	Fireproofing: Spray On 70 Fireproofing Sprayed Fireproofing: Spray On		31,600.00 sf	0.00 sf	63,200	63,200	0
7920.010	Sealant - Jt Filler Gasket 60 Caulk & Sealants (Our Forces) Sealant - Jt Filler Gasket		1.00 ls	0.00 ls	15,000	15,000	0
8100.000	Doors: Metal With Frames 10 Metal Doors 20 Metal Frames Doors: Metal With Frames		10.00 ea 10.00 ea	0.00 ea 0.00 ea	3,458 2,585	3,458 2,585	0
8360.010	Doors: Overhead 20 Door OH Sectional Steel		6.00 ea	0.00 ea	110,999	110,999	0

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
8510.010	Doors: Overhead Windows: Metal Aluminum Windows Windows: Metal	700.00 sf	700.00 sf	0.00 sf	63,000	63,000	0
8600.000	Skylights Unit Skylights Skylights	40.00 ea	40.00 ea	0.00 ea	120,000	120,000	0
8700.000	Hardware: Finishing Finishing Hardware Allowance Panic Device Door Closers Weatherstripping Hardware: Finishing	10.00 ea 6.00 ea 10.00 ea 6.00 ea	10.00 ea 6.00 ea 10.00 ea 6.00 ea	0.00 ea 0.00 ea 0.00 ea 0.00 ea	4,503 5,328 2,663 1,350 13,843	4,503 5,328 2,663 1,350 13,843	0 0 0 0 0
8740.000	Hardware: Electromagnetic Card Key Locking Hardware Electromagnetic Door Holders Hardware: Electromagnetic	6.00 ea 6.00 ea	6.00 ea 6.00 ea	0.00 ea 0.00 ea	1,500 930 2,430	1,500 930 2,430	0 0 0
9000.010	Division 9 Subcontractors Painting Walls Painting Doors & Frames Division 9 Subcontractors	10.00 ea	23,100.00 sf 10.00 ea	-23,100.00 sf 0.00 ea	450	21,945 450	(21,945) 0
9910.020	Painting: Int Detailed Paint Steel Painting: Int Detailed	12,960.00 lf		12,960.00 lf	16,200 16,200		16,200 16,200
10521.010	Fire Extinguishers Etc Fire Extinguishers Wall Mounted Fire Extinguishers Etc	6.00 ea	6.00 ea	0.00 ea	577	577	0
11010.030	Equip: Vacuum Systems Exhaust Evac System Equip: Vacuum Systems	1.00 ea	1.00 ea	0.00 ea	40,000	40,000	0
11140.010	Equip: Vehicle Service Vehicle Service Equipment Fuel Dispensing Equipment Equip: Vehicle Service	3.00 ea	1.00 ls 3.00 ea	-1.00 ls 0.00 ea	75,000 75,000	150,000 75,000	(150,000) 0
11150.010	Equip: Parking Control Parking Control Equipment Equip: Parking Control	1.00 ls	1.00 ls	0.00 ls	25,000	25,000	0
13100.000	Lighting Protection Lighting Protection Sub Lighting Protection	1.00 ea	1.00 ea	0.00 ea	35,000	35,000	0
13120.010	Pre-Engineered Structures Pre-Engineered Building	31,600.00 sf		31,600.00 sf	815,280		815,280

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
Pre-Engineered Structures							
13200.000	Storage Tanks Convault AG Tanks Storage Tanks	2.00 ea	2.00 ea	0.00 ea	250,000	250,000	0
14400.010	Lifts Vehicle Lifts Lifts	3.00 ea	3.00 ea	0.00 ea	255,000	255,000	0
14600.010	Hoists & Cranes Overhead Monorail System Hoists & Cranes	200.00 lf	200.00 lf	0.00 lf	60,360	60,360	0
15300.010	Sprinkler Fire Protection (Sqft) Sprinkler	31,600.00 sf	31,600.00 sf	0.00 sf	142,200	142,200	0
15400.000	Plumbing Plumbing (Sqft) Plumbing	31,600.00 sf	31,600.00 sf	0.00 sf	112,180	112,180	0
15700.000	HVAC Systems HVAC (Sqft) HVAC Systems	31,600.00 sf	31,600.00 sf	0.00 sf	126,400	126,400	0
15900.000	Controls Building Systems Control Controls	31,600.00 sf	31,600.00 sf	0.00 sf	31,600	31,600	0
16000.010	Electrical Complete Electrical (Sqft) Electrical Complete	31,600.00 sf	31,600.00 sf	0.00 sf	624,100	624,100	0
16200.010	Power Generation Generators Power Generation	1.00 ea	1.00 ea	0.00 ea	75,000	75,000	0
2 Vehicles Garage 31,600 sf		31,600.00 sf	31,600.00 sf	0.00	4,519,393	6,548,341	(2,028,948)
3 Stock/Offices		20,000 sf					
TEMPORARY UTILITIES							
1000.510	Temporary Toilets	12.00 mnth	12.00 mnth	0.00 mnth	5,400	5,400	0
	Fire Extinguishers	8.00 ea	8.00 ea	0.00 ea	1,400	1,400	0
TEMPORARY UTILITIES							
BARRIERS & ENCLOSURES							
1000.530	Barricades	100.00 lf	100.00 lf	0.00 lf	2,500	2,500	0
	Temporary Fence	600.00 lf	600.00 lf	0.00 lf	7,200	7,200	0

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
1000.560	BARRIERS & ENCLOSURES						
	TEMPORARY CONTROLS						
0110	Daily Housekeeping 2 days a week	52.00	52.00	0.00	56,576	56,576	0
0130	Rubbish / Dumpster Pulls	12.00	12.00	0.00	7,200	7,200	0
0150	Final Cleanup (Std)	20,000.00	20,000.00	0.00	11,000	11,000	0
0200	Weather Protection	4.00	6.00	-2.00	30,000	45,000	(15,000)
	TEMPORARY CONTROLS				104,776	119,776	(15,000)
1000.580	PROJECT SIGNS						
0120	Safety Signs	25.00	25.00	0.00	1,000	1,000	0
	PROJECT SIGNS				1,000	1,000	0
1720.030	LAYOUT						
10	Layout (Own Forces)	1.00	1.00	0.00	3,599	4,000	(401)
	LAYOUT				3,599	4,000	(401)
2310.020	EARTHWORK: SITE GRADING						
40	Rough Grading		10,000.00	-10,000.00		2,500	(2,500)
	EARTHWORK: SITE GRADING					2,500	(2,500)
2315.021	EARTHWORK: EXCAV FOOT/MISC						
20	Excavate Footing By Machine	320.00	320.00	0.00	9,600	9,600	0
	EARTHWORK: EXCAV FOOT/MISC				9,600	9,600	0
2315.024	EARTHWORK: FINE GRADE						
10	Fine Grade	10,000.00	10,000.00	0.00	3,000	3,000	0
	EARTHWORK: FINE GRADE				3,000	3,000	0
2315.070	BACKFILL: FOOT WALL MISC						
10	Backfill Footings & Walls	285.00	285.00	0.00	4,953	4,953	0
90	Gravel at slab	222.00	222.00	0.00	7,770	7,770	0
	BACKFILL: FOOT WALL MISC				12,723	12,723	0
2340.010	SOIL STABILIZE/EROSION CH						
10	Soil Stabilize - Crush Rock	20.00	20.00	0.00	700	700	0
30	Siltation Fence	600.00	600.00	0.00	3,000	3,000	0
40	Hay Bales	50.00	50.00	0.00	500	500	0
	SOIL STABILIZE/EROSION CH				4,200	4,200	0
2620.010	DRAINAGE: FRENCH DRAINS						
10	French Drain 4"	300.00	300.00	0.00	6,000	9,000	(3,000)
	DRAINAGE: FRENCH DRAINS				6,000	9,000	(3,000)
3210.050	REBAR: ALL TYPES						
10	Rebar - Lump Sum (tons)	11.25	11.25	0.00	16,874	16,874	0
	REBAR: ALL TYPES				16,874	16,874	0
3310.140	CONC: FOOTINGS						
C40	Footng Conc Contin	36.00		36.00	17,028		17,028
C40	Footng Conc Col	34.00		0.00	16,932		(850)
C40	Footng Conc Contin	36.00		-36.00	17,928		(17,928)

Item	Description	Takeoff Qty		Variance	Amount				
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	Variance		
3310.160	Conc: Walls								
c 40	Wall Conc 4000 psi	59.00	59.00	0.00	33,925	35,105	(1,180)		
c 40	Loading Deck	600.00	600.00	0.00	30,000	30,000	0		
	Conc: Walls				63,925	65,105	(1,180)		
3310.210	Conc: Slabs On Grade				33,110	34,859	(1,750)		
c 40	S.O.G. Conc 4000 psi	9,504.00	9,504.00	0.00	66,528	66,528	0		
	Conc: Slabs On Grade				66,528	66,528	0		
3310.320	Conc: Fill Pan Stairs				2,513	2,513	0		
c 30	Fill Pan Stairs 3000 psi	4.00	4.00	0.00	2,513	2,513	0		
	Conc: Fill Pan Stairs				2,513	2,513	0		
3310.380	Conc: Slab On Corridor				62,251	62,251	0		
c 40	Conc @ Currtorm 4000 psi	9,504.00	9,504.00	0.00	62,251	62,251	0		
	Conc: Slab On Corridor				62,251	62,251	0		
4000.010	Division 4 Subcontractors				222,968	222,968	0		
	16 Brick Veneer	6,850.00	6,850.00	0.00	22,000	22,000	0		
	30 Cast Stone	400.00	400.00	0.00	50,000	50,000	0		
	31 Lime Stone	400.00	400.00	0.00	44,590	44,590	0		
	50 Masonry - Weather Prot & Temp Heat	9,800.00	9,800.00	0.00	49,950	49,950	0		
	60 Masonry - Scaffold	9,000.00	9,000.00	0.00	389,508	389,508	0		
	Division 4 Subcontractors				389,508	389,508	0		
4220.110	Conc. Block: 8"				165,958	165,958	0		
lw 1	Standard Face	7,710.00	7,710.00	0.00	165,958	165,958	0		
	Conc. Block: 8"				165,958	165,958	0		
4220.120	Conc. Block: 6"				117,572	117,572	0		
lw 1	Standard Face	7,280.00	7,280.00	0.00	117,572	117,572	0		
	Conc. Block: 6"				117,572	117,572	0		
5000.010	Division 5 Subcontractors				298,350	298,350	0		
	5 Structural Floor Framing 17#/sf	85.00	85.00	0.00	140,400	140,400	0		
	6 Structural Roof Framing 8#/sf	40.00	40.00	0.00	40,000	40,000	0		
	10 Metal Decking Sqft	20,000.00	20,000.00	0.00	478,750	478,750	0		
	Division 5 Subcontractors				478,750	478,750	0		
5505.010	Misc: Misc Metals				30,000	30,000	0		
	10 Misc Metals	20,000.00	20,000.00	0.00	30,000	30,000	0		
	Misc: Misc Metals				30,000	30,000	0		
5510.110	Stairs: Stair Parts				25,000	25,000	0		
	10 Steel Stairs	2.00	2.00	0.00	25,000	25,000	0		
	Stairs: Stair Parts				25,000	25,000	0		
6000.010	Division 6 Subcontractors				60,000	75,000	(15,000)		
	5 Millwork - Allowance	1.00	1.00	0.00	60,000	75,000	(15,000)		

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
Division 6 Subcontractors							
6117.010	Blocking: Roof Nailers	2,650.00	2,650.00	0.00	16,563	16,563	0
1218	Roof Nail PT 2 x 6 R.L.				16,563	16,563	0
	Blocking: Roof Nailers						
6117.020	Blocking: Misc.	400.00	400.00	0.00	12,904	12,904	0
	10 Misc Safety Railings				21,105	21,105	0
	190 Blocking 2 x 6 R.L.				34,009	34,009	0
	Blocking: Misc.						
7111.010	Dampproofing: VapriBarrier	6,850.00	6,850.00	0.00	16,372	16,372	0
	40 Cavity Insulation				52,060	52,060	0
	40 Perma Barrier Membrane				18,624	18,624	0
	40 Perma Barrier Membrane Edge				87,055	87,055	0
	Dampproofing: VapriBarrier						
7210.040	Insulation: Board	2,400.00	2,400.00	0.00	4,752	4,752	0
	70 Expanded Polystyrene 2" Foundation				4,752	4,752	0
	Insulation: Board						
7530.010	Membrane: Elastomerc EPDM	10,000.00	10,000.00	0.00	147,800	147,800	0
	70 EPDM .060 Thickness				147,800	147,800	0
	Membrane: Elastomerc EPDM						
7710.020	Sheetmetal: Gravel Stop	300.00	300.00	0.00	3,600	3,600	0
	30 Gravel Stop 8" High				3,600	3,600	0
	Sheetmetal: Gravel Stop						
7810.010	Fireproofing: Spray On	20,000.00	20,000.00	0.00	40,000	40,000	0
	70 Fireproofing Sprayed				40,000	40,000	0
	Fireproofing: Spray On						
7920.010	Sealant - Jt Filler Gasket	1.00	1.00	0.00	12,500	12,500	0
	80 Caulk & Sealants				12,500	12,500	0
	Sealant - Jt Filler Gasket						
8100.000	Doors: Metal With Frames	40.00	40.00	0.00	19,240	19,240	0
	10 Metal Doors				15,300	15,300	0
	20 Metal Frames				34,540	34,540	0
	Doors: Metal With Frames						
8210.010	Doors: Wood	10.00	10.00	0.00	5,040	5,040	0
	0926 Oak Solid Core				5,040	5,040	0
	Doors: Wood						
8360.010	Doors: Overhead	1.00	1.00	0.00	8,700	8,700	0
	20 Door OH Sectional Steel				8,700	8,700	0
	Doors: Overhead						
8510.010	Windows: Metal	1,350.00	1,350.00	0.00	121,500	121,500	0
	20 Aluminum Windows				121,500	121,500	0

Prov Water Supply New Campus 7,31,13

Prov Water Supply New Campus a 5,15,13

Total

60,000 75,000 (15,000)

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
8700.000	Hardware: Finishing						
	Windows: Metal						
	10 Finishing Hardware Allowance	50.00 ea	50.00 ea	0.00 ea	22,513	22,513	0
	80 Panic Device	6.00 ea	6.00 ea	0.00 ea	5,328	5,328	0
	160 Door Closers	12.00 ea	12.00 ea	0.00 ea	3,195	3,195	0
	170 Weatherstripping	4.00 ea	4.00 ea	0.00 ea	900	900	0
	Hardware: Finishing				31,936	31,936	0
8740.000	Hardware: Electromagnetic						
	10 Card Key Locking Hardware	4.00 ea	4.00 ea	0.00 ea	1,000	1,000	0
	20 Electromagnetic Door Holders	4.00 ea	4.00 ea	0.00 ea	620	620	0
	Hardware: Electromagnetic				1,620	1,620	0
8900.010	Glazed Curtain Walls						
	10 Aluminum Curtain Wall and Entrances	140.00 sf	140.00 sf	0.00 sf	16,100	16,100	0
	Glazed Curtain Walls				16,100	16,100	0
9000.010	Division 9 Subcontractors						
	20 Drywall Int. Parts	7,400.00 sf	7,400.00 sf	0.00 sf	76,664	76,664	0
	40 Ceramic Tile Floor	400.00 sf	400.00 sf	0.00 sf	5,600	5,600	0
	40 Ceramic Tile Walls	1,305.00 sf	1,305.00 sf	0.00 sf	16,639	16,639	0
	60 Acoustical Ceilings	17,600.00 ls	17,600.00 ls	0.00 ls	72,160	72,160	0
	80 Vinyl Base	2,715.00 lf	2,715.00 lf	0.00 lf	6,109	6,109	0
	80 Radial Rubber Tile	900.00 sf	900.00 sf	0.00 sf	8,100	8,100	0
	80 Resilient Safety Tread	160.00 lf	160.00 lf	0.00 lf	1,920	1,920	0
	80 Resilient Riser & Stringer	115.00 lf	115.00 lf	0.00 lf	385	385	0
	80 Resilient Flooring	8,800.00 sf	8,800.00 sf	0.00 sf	22,000	22,000	0
	90 Carpet	978.00 sy	978.00 sy	0.00 sy	29,340	29,340	0
	100 Painting Walls	26,142.00 sf	26,142.00 sf	0.00 sf	23,528	23,528	0
	100 Painting Softils	1,000.00 sf	1,000.00 sf	0.00 sf	850	850	0
	100 Painting Doors & Frames	50.00 ea	50.00 ea	0.00 ea	2,250	2,250	0
	Drywall Softils	1,000.00 sf	1,000.00 sf	0.00 sf	9,550	9,550	0
	Division 9 Subcontractors				275,095	275,095	0
10100.010	Visual Display Boards						
	10 Marker Boards / Tackboards	8.00 ea	8.00 ea	0.00 ea	1,560	1,560	0
	Visual Display Boards				1,560	1,560	0
10160.010	Toilet Compartments						
	20 Toilet Compartments - phenolic	8.00 ea	8.00 ea	0.00 ea	8,800	8,800	0
	40 Urinal Screens	6.00 ea	6.00 ea	0.00 ea	2,700	2,700	0
	Toilet Compartments				11,500	11,500	0
10185.010	Shower/Dressing Compart						
	10 Compartment Showers	4.00 ea	4.00 ea	0.00 ea	4,600	4,600	0
	Shower/Dressing Compart				4,600	4,600	0
10200.000	Louvers and Vents						
	30 Wall Louver: Stationary	4.00 ea	4.00 ea	0.00 ea	4,799	4,799	0
	Louvers and Vents				4,799	4,799	0
10430.010	Signs and Letters						
	60 Interior Door Signage	100.00 ea	100.00 ea	0.00 ea	4,500	4,500	0

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
10521.010	Signs and Letters						
10500.010	Lockers						
	110 Lockers - Metal	30.00 ea	30.00 ea	0.00 ea	6,750	6,750	0
	Lockers				6,750	6,750	0
10600.000	Partitions						
	10 Wire Mesh Partition	350.00 lf	350.00 lf	0.00 lf	32,200	32,200	0
	Partitions				32,200	32,200	0
10800.010	Misc Toilet/Bath Equip						
	Toilet Accessories	6.00 mm	6.00 mm	0.00 mm	9,001	9,001	0
	Misc Toilet/Bath Equip				9,001	9,001	0
11160.010	Equip: Dock						
	10 Dock Leveler	1.00 ea	1.00 ea	0.00 ea	9,250	9,250	0
	20 Dock Burners	2.00 ea	2.00 ea	0.00 ea	260	260	0
	Equip: Dock				9,510	9,510	0
11450.010	Equip: Residential Food						
	30 Refrigerator	3.00 ea	3.00 ea	0.00 ea	4,875	4,875	0
	60 Microwave	3.00 ea	3.00 ea	0.00 ea	584	584	0
	Equip: Residential Food				5,459	5,459	0
12490.010	Window Treatments						
	20 Blinds	1,350.00 sf	1,350.00 sf	0.00 sf	16,200	16,200	0
	Window Treatments				16,200	16,200	0
13100.000	Lightning Protection						
	10 Lightning Protection Sub	1.00 ls	1.00 ls	0.00 ls	12,000	12,000	0
	Lightning Protection				12,000	12,000	0
15300.010	Sprinkler						
	11 Fire Protection (Sqft)	20,000.00 sf	20,000.00 sf	0.00 sf	90,000	90,000	0
	Sprinkler				90,000	90,000	0
15400.000	Plumbing						
	11 Plumbing (Sqft)	20,000.00 sf	20,000.00 sf	0.00 sf	320,000	320,000	0
	Plumbing				320,000	320,000	0
15700.000	HVAC Systems						
	11 HVAC (Sqft)	20,000.00 sf	20,000.00 sf	0.00 sf	800,000	800,000	0
	HVAC Systems				800,000	800,000	0
15900.000	Controls						
	10 Controls (Lump Sum)	20,000.00 sf	20,000.00 sf	0.00 sf	170,000	170,000	0
	Controls				170,000	170,000	0

TOTAL

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus	Prov Water Supply New Campus a		Prov Water Supply New Campus	Prov Water Supply New Campus a	
16000.010	Electrical Complete	20,000.00	20,000.00	0.00	520,000	620,000	(100,000)
	Electrical (Sqt)				520,000	620,000	(100,000)
	Electrical Complete						
	Controls				170,000	170,000	0
	Proff Water Supply New Campus	7,31.13	5,15.13				
	Proff Water Supply New Campus a						
	3 Stock/Offices	20,000.00	20,000.00	0.00	4,533,494	4,672,324	(138,830)
	8,000 sf						
4 Auto Shop							
1000.103	PROJECT SUPERVISION						
0220	Safety Officer Half Day a week		40.00	-40.00		10,960	(10,960)
0350	Cost Control Management 1 days a week		40.00	-40.00		14,720	(14,720)
0400	Assistant Superintendent		40.00	-40.00		122,400	(122,400)
	PROJECT SUPERVISION					148,080	(148,080)
1000.202	PRECONSTRUCTION SERVICES						
0160	Senior Estimator / Planner	60.00	100.00	-100.00	5,490	10,100	(10,100)
0164	Mech / Elec Coordinator	40.00	60.00	0.00	3,080	5,490	0
0170	Site Coordinator	1.00	40.00	0.00	5,000	3,080	0
0200	Reimbursable Expenses Allowance		1.00	0.00	13,570	5,000	0
	PRECONSTRUCTION SERVICES					23,570	(10,100)
1000.300	SUBMITTALS & CONSULTANTS						
0100	Construction Schedule	9.00	9.00	0.00	5,184	5,184	0
0200	Drawing / Document Reproduction	50.00	50.00	0.00	12,500	12,500	0
0250	As Built Documentation	1.00	1.00	0.00	3,500	3,500	0
0300	Job Photographs	12.00	12.00	-1.00	600	3,500	(3,500)
	SUBMITTALS & CONSULTANTS					800	0
					21,784	25,284	(3,500)
1000.510	TEMPORARY UTILITIES						
0120	Temporary Electric Power Consumption	8.00	8.00	0.00	8,000	8,000	0
0200	Temporary Heating System	4.00	4.00	0.00	10,000	10,000	0
0220	Temporary Heat - Fuel Consumption	4.00	4.00	0.00	20,000	20,000	0
0320	Telephone Usage Charge	8.00	8.00	0.00	6,400	6,400	0
0420	Temporary Water Usage Charge	8.00	8.00	0.00	1,600	1,600	0
0510	Temporary Toilets	8.00	8.00	0.00	2,400	2,400	0
0610	Fire Extinguishers	4.00	4.00	0.00	700	700	0
	TEMPORARY UTILITIES				49,100	49,100	0
1000.530	BARRIERS & ENCLOSURES						
0150	Temporary Fence	800.00	1,000.00	-200.00	9,600	12,000	(2,400)
	BARRIERS & ENCLOSURES				9,600	12,000	(2,400)
1000.540	SECURITY & SAFETY						
0120	Personal Protection Equipment	8.00	8.00	0.00	1,000	1,000	0
0130	Safety Supplies	8.00	8.00	0.00	1,200	1,200	0
0140	First Aid Supplies	8.00	8.00	0.00	2,000	2,000	0

Item	Description	Takeoff Qty		Variance	Total		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
1000.580	SECURITY & SAFETY						
	TEMPORARY CONTROLS						
0110	Daily Housekeeping	40.00	40.00	0.00	108,800	108,800	0
0130	Rubbish / Dumpster Pulls	24.00	32.00	-8.00	14,400	19,200	(4,800)
0150	Final Cleanup (Sub)	8,000.00	8,000.00	0.00	3,600	3,600	0
0200	Weather Protection	4.00	4.00	0.00	30,000	30,000	0
	TEMPORARY CONTROLS				156,800	161,600	(4,800)
1000.580	PROJECT SIGNS						
0120	Safety Signs	6.00	6.00	0.00	240	240	0
	PROJECT SIGNS				240	240	0
1720.030	LAYOUT						
10	Layout (Own Forces)	1.00	1.00	0.00	2,300	2,300	0
	LAYOUT				2,300	2,300	0
2315.021	EARTHWORK						
20	Excavate Footing By Machine	390.00	390.00	0.00	11,700	11,700	0
	EARTHWORK				11,700	11,700	0
2315.024	EARTHWORK						
10	Fine Grade	8,000.00	8,000.00	0.00	2,400	2,400	0
	EARTHWORK				2,400	2,400	0
2315.070	BACKFILL						
10	Backfill Footings & Walls	364.00	364.00	0.00	6,326	6,326	0
90	Gravel at slab	148.15	148.15	0.00	5,185	5,185	0
	BACKFILL				11,512	11,512	0
2340.010	SOIL STABILIZE						
10	Soil Stabilize - Crush Rock	10.00	10.00	0.00	350	350	0
30	Siltation Fence	800.00	800.00	0.00	4,000	4,000	0
40	Hay Bales	50.00	50.00	0.00	500	500	0
	SOIL STABILIZE				4,850	4,850	0
2620.010	DRAINAGE						
10	French Drain 4"	400.00	400.00	0.00	8,000	12,000	(4,000)
	DRAINAGE				8,000	12,000	(4,000)
3270.050	REBAR						
10	Rebar - Lump Sum (tons)	1.50	1.50	0.00	2,250	2,250	0
10	Rebar - Lump Sum (tons)	2.77	2.77	0.00	4,155	4,155	0
	REBAR				6,405	6,405	0
3310.140	FOOTINGS						
C40	Footings Conc Contn	28.89	28.89	0.00	13,665	14,387	(722)
C40	Footings Conc Col	21.28	21.28	0.00	10,065	10,597	(532)
	FOOTINGS				23,730	24,984	(1,254)
3310.160	WALLS						
C40	Wall Conc 4000 psi	57.78	57.78	0.00	33,224	34,379	(1,155)

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
3310.210	Conc: Slabs On Grade S.O.G. Conc 4000 psi C 40 Conc: Slabs On Grade	8,000.00 sqft	8,000.00 sqft	0.00	56,000	56,000	0
3350.400	Finish: Floor Hardener 10 Floor Sealer - Hardener Finish: Floor Hardener	8,000.00 sf	8,000.00 sf	0.00	6,966	6,966	0
4000.010	Division 4 Subcontractors 16 Brck Veneer 60 Masonry - Scaffold Division 4 Subcontractors	5,940.00 sf 6,240.00 sf	5,940.00 sf 6,240.00 sf	0.00 0.00	193,347 227,979	193,347 227,979	0 0
4220.110	Conc. Block: 8" Blk 8" Standard Face Conc. Block: 8"	6,662.50 ea	6,662.50 ea	0.00	143,841	143,841	0
4220.120	Conc. Block: 6" Blk 6" Standard Face Interior Conc. Block: 6"	2,700.00 ea	2,700.00 ea	0.00	48,438	48,438	0
5000.010	Division 5 Subcontractors 6 Structural Roof Framing 9#/sf 10 Metal Decking Sqft Division 5 Subcontractors	36.00 ton 8,000.00 sf	36.00 ton 8,000.00 sf	0.00 0.00	126,360 142,360	126,360 142,360	0 0
5505.010	Misc: Misc Metals 10 Misc Metals Misc: Misc Metals	8,000.00 sf	8,000.00 sf	0.00	12,000	12,000	0
6117.010	Blocking: Roof Nailers 6117.010 1218 Blocking: Roof Nailers	1,711.00 bf	1,711.00 bf	0.00	10,694	10,694	0
6117.020	Blocking: Misc. 180 Blocking 2 x 6 R.L. Blocking: Misc.	1,200.00 bf	1,200.00 bf	0.00	7,236	7,236	0
7111.010	Dampproofing: VapBarrier 40 Cavity Insulation 40 Perma Barrier Membrane 40 Perma Barrier Membrane Edge Dampproofing: VapBarrier	5,940.00 sf 5,940.00 sf 267.00 sf	5,940.00 sf 5,940.00 sf 267.00 sf	0.00 0.00 0.00	14,197 45,144 4,179	14,197 45,144 4,179	0 0 0
7210.040	Insulation: Board 70 Expanded Polystyrene 2" Foundation Insulation: Board	3,120.00 sf	3,120.00 sf	0.00	6,178	6,178	0
7530.010	Membrane: Elastomerc EPDM 70 EPDM .060 Thickness	8,000.00 sf	8,000.00 sf	0.00	118,240	118,240	0

Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	Variance
33,224	34,379	(1,155)

Item	Description	Amount		Variance	Total		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
7710.020	Membrane: Elastomeric EPDM						
	Sheetmetal: Gravel Stop						
30	Gravel Stop 8" High	390.00	390.00	0.00	4,680	4,680	0
	Sheetmetal: Gravel Stop				4,680	4,680	0
7810.010	Fireproofing: Spray On						
70	Fireproofing: Spray On	8,000.00	8,000.00	0.00	16,000	16,000	0
	Fireproofing: Spray On				16,000	16,000	0
7920.010	Sealant - Jt Filler Gaskt						
60	Caulk & Sealants (Our Forces)	1.00	1.00	0.00	2,500	2,500	0
	Sealant - Jt Filler Gaskt				2,500	2,500	0
8100.000	Doors: Metal With Frames						
10	Metal Doors	17.00	17.00	0.00	5,878	5,878	0
20	Metal Frames	8.00	8.00	0.00	2,068	2,068	0
40	Metal Frame Double	3.00	3.00	0.00	1,032	1,032	0
	Doors: Metal With Frames				8,978	8,978	0
8360.010	Doors: Overhead						
20	Door OH Sectional Steel	3.00	3.00	0.00	55,500	55,500	0
	Doors: Overhead				55,500	55,500	0
8510.010	Windows: Metal						
20	Aluminium Windows	240.00	240.00	0.00	21,600	21,600	0
	Windows: Metal				21,600	21,600	0
8600.000	Skylights						
30	Unit Skylights	8.00	8.00	0.00	24,000	24,000	0
	Skylights				24,000	24,000	0
8700.000	Hardware: Finishing						
10	Finishing Hardware Allowance	17.00	17.00	0.00	7,654	7,654	0
80	Panic Device	2.00	2.00	0.00	1,776	1,776	0
160	Door Closers	5.00	5.00	0.00	1,331	1,331	0
170	Weatherstripping	2.00	2.00	0.00	450	450	0
	Hardware: Finishing				11,212	11,212	0
8740.000	Hardware: Electromagnetic						
10	Card Key Locking Hardware	4.00	4.00	0.00	1,000	1,000	0
20	Electromagnetic Door Holders	4.00	4.00	0.00	620	620	0
	Hardware: Electromagnetic				1,620	1,620	0
9000.010	Division 9 Subcontractors						
100	Painting Walls	11,088.00	11,088.00	0.00	10,534	10,534	0
100	Painting Doors & Frames	17.00	17.00	0.00	765	765	0
	Division 9 Subcontractors				11,299	11,299	0
10521.010	Fire Extinguishers Etc						
10	Fire Extinguishers Wall Mounted	2.00	2.00	0.00	192	192	0

Item	Description	Takeoff City		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
11010.030	Fire Extinguishers Etc Equip: Vacuum Systems	1.00 ea	1.00 ea	0.00 ea	15,000	15,000	0
11140.010	Equip: Vacuum Systems Equip: Vacuum Systems				15,000	15,000	0
13100.000	Lighting Protection Lighting Protection Sub Lighting Protection	1.00 ea	1.00 ea	0.00 ea	8,000	8,000	0
14400.010	Lifts Vehicle Lifts	2.00 ea	2.00 ea	0.00 ea	170,000	170,000	0
15300.010	Sprinkler Fire Protection (Sqft) Sprinkler	8,000.00 sf	8,000.00 sf	0.00 sf	36,000	36,000	0
15400.000	Plumbing Plumbing (Sqft) Plumbing	8,000.00 sf	8,000.00 sf	0.00 sf	54,000	54,000	0
15700.000	HVAC Systems HVAC (Sqft) HVAC Systems	8,000.00 sf	8,000.00 sf	0.00 sf	86,400	86,400	0
15900.000	Controls Building Systems Control Controls	8,000.00 sf	8,000.00 sf	0.00 sf	8,000	8,000	0
16000.010	Electrical Complete Electrical (Sqft) Electrical Complete	8,000.00 sf	8,000.00 sf	0.00 sf	158,000	158,000	0
16200.010	Power Generation Generators	0.00 ea	0.00 ea	0.00 ea	158,000	158,000	0
4 Auto Shop 8,000 sf		8,000.00 sf	8,000.00 sf	0.00	1,895,845	2,171,134	(275,289)
5 Covered Storage 15,000 sf							
1000.202	PRECONSTRUCTION SERVICES Site Coordinator	40.00 mh	40.00 mh	0.00 mh	3,080	3,080	0
1720.030	Layout Layout (Own Forces)	1.00 ea	1.00 ea	0.00 ea	1,200	1,200	0

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
2315.021	Excavate Footing By Machine Earthwtk: Excav FootMisc	175.00 cy	175.00 cy	0.00 cy	5,250	5,250	0
2315.024	Earthwtk: Fine Grade Earthwtk: Fine Grade	15,000.00 sf	15,000.00 sf	0.00 sf	4,500	4,500	0
2315.070	Backfill: Foot Wall Misc Backfill: Foot Wall Misc	175.00 cy 333.00 cy	175.00 cy 333.00 cy	0.00 cy 0.00 cy	3,042 14,596	3,042 14,596	0
2340.010	Soil Stabilze /Erosion Ctl Soil Stabilze - Crush Rock Siltation Fence Hay Bales	10.00 cy 800.00 lf 50.00 lf	10.00 cy 800.00 lf 50.00 lf	0.00 cy 0.00 lf 0.00 lf	350 4,000 500	350 4,000 500	0
2620.010	Drainage: French Drains Drainage: French Drains	550.00 lf	550.00 lf	-550.00 lf	16,500	16,500	(16,500)
3210.050	Rebar: All Types Rebar - Lump Sum (tons) Rebar: All Types	1.95 ton	1.95 ton	0.00 ton	2,925	2,925	0
3310.200	Conc: Piers Pier Conc 4000 psi 3X3x4 Conc: Piers	18.66 cy	18.66 cy	0.00 cy	8,826	8,826	0
3310.210	Conc: Slabs On Grade S.O.G. Conc 4000 psi Edge Haunch Conc: Slabs On Grade	15,000.00 sqft 28.00 cy	15,000.00 sqft 28.00 cy	0.00 sqft 0.00 cy	120,000 133,664	120,000 133,664	0
3350.400	Finish: Floor Hardener Floor Sealer - Hardener Finish: Floor Hardener	15,000.00 sf	15,000.00 sf	0.00 sf	13,062	13,062	0
13120.010	Pre-Engineered Structures Pre-Engineered Building No Siding Pre-Engineered Structures	15,000.00 sf	15,000.00 sf	0.00 sf	198,750	198,750	0
15300.010	Sprinkler Fire Protection (Sqft) Sprinkler	15,000.00 sf	15,000.00 sf	-15,000.00 sf	67,500	67,500	(67,500)
16000.010	Electrical Complete Electrical (Sqft) Power and Lighting	15,000.00 sf	15,000.00 sf	0.00 sf	30,000	30,000	0

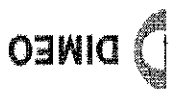
Total		Amount		Variance	
Prov Water Supply New Campus 7,31,13	1,200	Prov Water Supply New Campus 7,31,13	1,200	0	0

Item	Description	Takeoff Qty	Amount	Variance	Providence Water Company	Providence Water Company	Variance
	Electrical Complete						
	5 Covered Storage 15,000 sf	15,000.00 sf	15,000.00	0.00	420,803	504,803	(84,000)
	6 Granular Storage	11,200 sf					
1000.202	PRECONSTRUCTION SERVICES						
0170	Site Coordinator	40.00 mh	3,080	0.00	3,080	3,080	0
	PRECONSTRUCTION SERVICES						
1720.030	Layout	1.00 ea	1,200	0.00	1,200	1,200	0
	Layout (Own Forces)	1.00 ea	1,200	0.00	1,200	1,200	0
2315.021	Excavate Footing By Machine	175.00 cy	5,250	0.00	5,250	5,250	0
	Earthwork: Excav Footing						
2315.024	Fine Grade	11,200.00 sf	3,360	0.00	3,360	3,360	0
	Earthwork: Fine Grade						
2315.070	Backfill: Foot Wall Misc	175.00 cy	3,042	0.00	3,042	3,042	0
	Backfill Foundations						
	Gravel at slab	206.52 cy	7,228	0.00	7,228	7,228	0
	Backfill: Foot Wall Misc						
2340.010	Soil Stabilize /Erosion Ctrl	10.00 cy	350	0.00	350	350	0
	Soil Stabilize - Crush Rock	800.00 lf	4,000	0.00	4,000	4,000	0
	Siltation Fence	50.00 lf	500	0.00	500	500	0
	Hay Bales	50.00 lf	4,850	0.00	4,850	4,850	0
	Soil Stabilize /Erosion Ctrl						
2620.010	Drainage: French Drains	480.00 lf	14,400	(14,400)			
	French Drain 4"						
	Drainage: French Drains						
3210.050	Rebar: All Types	1.65 ton	2,475	0.00	2,475	2,475	0
	Rebar - Lump Sum (tons)						
	Rebar: All Types						
3310.200	Conc: Piers	18.66 cy	8,826	0.00	8,826	8,826	0
	Pier Conc 4000 psi 3x3x4						
	Conc: Piers						
3310.210	Conc: Slabs On Grade	11,200.00 sqft	89,600	0.00	89,600	89,600	0
	S.O.G. Conc 4000 psi						
	Edge Haunch	24.50 cy	11,956	0.00	11,956	11,956	0

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
3350.400	Finish: Floor Hardener 10 Floor Sealer - Hardener Finish: Floor Hardener	11,200.00 sf	11,200.00 sf	0.00 sf	9,753	9,753	0
3400.100	Precast Concrete 150 Concrete Block 2x2x8 Bins Precast Concrete	250.00 ea	250.00 ea	0.00 ea	25,000	25,000	0
13120.010	Pre-Engineered Structures 10 Pre-Engineered Building No Sliding Pre-Engineered Structures	11,200.00 sf	11,200.00 sf	0.00 sf	148,400	148,400	0
15300.010	Sprinkler 11 Fire Protection (Sqft) Sprinkler	11,200.00 sf	11,200.00 sf	-11,200.00 sf	50,400	50,400	(50,400)
16000.010	Electrical Complete 11 Electrical (Sqft) Power and Lighting Electrical Complete	11,200.00 sf	11,200.00 sf	0.00 sf	22,400	22,400	0
6 Granular Storage 11,200 sf		11,200.00 sf	11,200.00 sf	0.00	346,419	411,219	(64,800)
7 Site Development 440,500 sf							
1730.100	Demo: Subcontractors 20 Sub: Demolition Demo: Subcontractors		12,600.00 SF	-12,600.00 SF		63,000	(63,000)
2100.000	Site Remediation 10 Excav Removal & Handling Haz Mat Site Remediation	Allo	1.00 Allo	-1.00 Allo		10,000	(10,000)
2240.010	Dewater: General 10 Dewatering Dewater: General	ls	1.00 ls	-1.00 ls		25,000	(25,000)
2310.020	Earthwk: Site Grading 10 Remove Topsoil 40 Rough Grading Earthwk: Site Grading	8,157.00 cy 440,500.00 sf	8,157.00 cy 440,500.00 sf	0.00 cy 0.00 sf	122,355 342,505	122,355 342,505	0
2315.020	Earthwk: Cut & Fill Etc 10 Bulk Cut & Fill on site Earthwk: Cut & Fill Etc	16,300.00 cy	16,300.00 cy	0.00 cy	130,400	130,400	0
2510.010	Utility Serv: Water 40 Water Line 4" Fire Line 6"	855.00 lf 1,113.00 lf	855.00 lf 1,113.00 lf	0.00 lf 0.00 lf	85,500 166,950	85,500 166,950	0

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13		Prov Water Supply New Campus 7,31,13	Prov Water Supply New Campus a 5,15,13	
2640.010	Utility Serv: Water						
	Utility Serv: Septic Tank						
	Sanitary Sewers						
	Utility Serv: Septic Tank	1,190.00	1,190.00	0.00	71,400	71,400	0
2630.020	Drainage: Site Structures						
	Storm Drainage System						
	Drainage: Site Structures	300,000.00	300,000.00	0.00	750,000	900,000	(150,000)
2740.030	Paving: Asphalt						
	Asphalt Paving 3"	33,400.00	33,400.00	0.00	601,200	601,200	0
	Base Course Compact 6" Deep	6,690.00	6,690.00	0.00	234,150	234,150	0
	Paving: Asphalt						
					835,350	835,350	0
2750.035	Paving: Concrete						
	Concrete Paving (sqft)	7,000.00	7,000.00	0.00	52,500	52,500	0
	Paving: Concrete						
					52,500	52,500	0
2760.030	Paving: Parking Lines						
	Parking Lines	300.00	300.00	0.00	2,999	2,999	0
	Paving: Parking Lines						
					2,999	2,999	0
2770.010	Paving: Curbs & Gutters						
	Plain Conc Curb 4000 psi	1,800.00	1,800.00	0.00	43,200	43,200	0
	Paving: Curbs & Gutters						
					43,200	43,200	0
2810.010	Improvements: IrrigationSys						
	Lawn Sprinkler System						
	Improvements: IrrigationSys						
					18,000	18,000	(18,000)
2820.010	Improvements: Fencing						
	Fence ChainLink Complete	2,200.00	2,633.00	-433.00	66,000	78,990	(12,990)
	Fence Ornamental Metal Complete	375.00	375.00	0.00	46,875	46,875	0
	Improvements: Fencing						
					112,875	125,865	(12,990)
2840.050	Improvements: Bollard/Rails						
	Pipe Bollard Steel Pipe 6"	24.00	36.00	-12.00	19,200	28,800	(9,600)
	Improvements: Bollard/Rails						
					19,200	28,800	(9,600)
2840.080	Improvements: Parking Items						
	Site Electric	1.00	1.00	0.00	100,000	150,000	(50,000)
	Improvements: Parking Items						
					100,000	150,000	(50,000)
2900.010	Landscaping: General						
	Landscaping - Allowance	1.00	1.00	0.00	60,000	100,000	(40,000)
	Landscaping: General						
					60,000	100,000	(40,000)
7 Site Development 440,500 sf		440,500.00	440,500.00	0.00	2,772,979	3,151,569	(378,590)

Item	Description	Takeoff Qty		Variance	Amount		Variance
		Prov Water Supply New Campus	Prov Water Supply New Campus a		Prov Water Supply New Campus	Prov Water Supply New Campus a	
		7,31.13	5,15.13		7,31.13	5,15.13	
Total				0.00	28,709,976	31,815,623	(3,105,648)
Estimate Totals							
Labor					2,995,900	3,230,605	(234,705)
Material					5,674,452	7,029,374	(1,354,922)
Subcontract					19,701,634	21,176,819	(1,475,185)
Equipment					286,969	313,405	(26,436)
Other					51,020	65,420	(14,400)
					28,709,975	31,815,623	(3,105,648)
FF&E Allowance					1,000,000	1,000,000	0
					29,709,975	32,815,623	(3,105,648)
Estimating Contingency					2,228,248	3,281,562	(1,053,314)
					31,938,223	36,097,185	(4,158,962)
Building Permit					479,073	541,458	(62,385)
					32,417,296	36,638,643	(4,221,347)
G & L Insurance					275,547	311,428	(35,881)
					32,692,843	36,950,071	(4,257,228)
C.M. Fee (2.85%)					931,746	1,053,077	(121,331)
					33,624,589	38,003,148	(4,378,559)
P&P Bond					260,406	294,316	(33,910)
					33,884,995	38,297,464	(4,412,469)
Architects & Engineers Fees					2,033,100	2,297,848	(264,748)
Total					35,918,095	40,595,312	(4,677,217)



Estimator
tfxs



Providence Water Supply Board
New Campus Budget

5/15/2013

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
----------	-------	-------------	------------------	-----------------	--------------

1 Admin Bldg	60,000 sf	PROJECT SUPERVISION		1000.103	730,824
		MISC GENERAL EXPENSES		1000.107	9,600
		PRECONSTRUCTION SERVICES		1000.202	58,750
		SUBMITTALS & CONSULTANTS		1000.300	40,612
		QUALITY CONTROL		1000.400	32,500
		TEMPORARY UTILITIES		1000.510	134,700
		BARRIERS & ENCLOSURES		1000.530	18,150
		SECURITY & SAFETY		1000.540	6,300
		TEMPORARY CONTROLS		1000.560	246,290
		PROJECT SIGNS		1000.580	2,500
		FIELD OFFICES & STORAGE		1000.590	28,850
		Layout		1720.030	4,600
		Earthwk: Cut & Fill Etc		2315.020	52,500
		Earthwk: Excav Foot/Misc		2315.021	42,450
		Earthwk: Fine Grade		2315.024	9,000
		Backfill: Foot Wall Misc		2315.070	43,749
		Soil Stabilize /Erosion Ctl		2340.010	7,700
		Drainage: French Drains		2620.010	30,000
		Rebar: All Types		3210.050	16,874
		Conc: Footings		3310.140	80,177
		Conc: Walls		3310.160	82,110
		Conc: Slabs On Grade		3310.210	204,428
		Conc: Fill Pan Stairs		3310.320	3,770
		Conc: Slab On Corrugm		3310.380	191,286
		Division 4 Subcontractors		4000.010	793,066
		Conc. Block: 8"		4220.110	118,818
		Stone Granite		4423.000	26,250
		Division 5 Subcontractors		5000.010	1,436,250
		Misc Metals		5505.010	60,000
		Stairs: Stair Parts		5510.110	25,000
		Ornamental: Rail & Fence		5720.010	54,986
		Division 6 Subcontractors		6000.010	300,000
		Blocking: Roof Nailers		6117.010	30,938
		Blocking: Misc.		6117.020	45,893
		Dampproofing: VapBarrier		7111.010	197,598
		Waterproofing: Other		7139.010	6,722
		Insulation: Board		7210.040	12,672
		Membrane: Elastomere EPDM		7530.010	443,400
		Sheetmetal: Gravel Stop		7710.020	9,600
		Fireproofing: Spray On		7810.010	120,000
		Sealant - Jt Filler Gasket		7920.010	60,000
		Doors: Metal With Frames		8100.000	67,925
		Doors: Wood		8210.010	63,000
		Doors: Overhead		8360.010	8,700
		Windows: Metal		8510.010	495,000
		Hardware: Finishing		8700.000	96,342
		Hardware: Electromagnetic		8740.000	4,050

/ft

/month

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					14,356,233
31,600 sf					239.27 /sf

2 Vehicles Garage

1000.103		PROJECT SUPERVISION			426,344
1000.202		PRECONSTRUCTION SERVICES			49,390
1000.300		SUBMITTALS & CONSULTANTS			47,636
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 Stabilize /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
3360.400		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: VaporBarrier			189,609
7210.040		Insulation: Board			12,197
7630.010		Membrane: Elastomerc EPDM			467,048
7710.020		Sheetmetal: Gravel Stop			9,240
7810.010		Fireproofing: Spray On			63,200
7920.010		Sealant - Jt Filler Gasket			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		Lighting 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					
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 Stabilize /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
3 Stock/Offices					
2 Vehicles Garage 31,600 sf			31,600.00 sf	207.23 /sf	6,548,341

**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"			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: VaporBarrier			87,055
7210.040		Insulation: Board			4,752
7530.010		Membrane: Elastomeric EPDM			147,800
7710.020		Sheetmetal: Gravel Stop			3,600
7810.010		Fireproofing: Spray On			40,000
7920.010		Sealant - Jt Filler Gasket			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	223.62 /sf	4,672,324
8,000 sf					148,080
1000.103		PROJECT SUPERVISION			23,670
1000.202		PRECONSTRUCTION SERVICES			25,284
1000.300		SUBMITTALS & CONSULTANTS			49,100
1000.510		TEMPORARY UTILITIES			

4 Auto Shop



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	SECURITY & SAFETY		4,200	12,000
1000.560	TEMPORARY CONTROLS	PROJECT SIGNS		240	240
1720.030	Layout	Earthwk: Excav Foot/Misc		2,300	11,700
2315.024	Earthwk: Fine Grade	Backfill: Foot Wall Misc		11,512	2,400
2315.070	Backfill: Foot Wall Misc	Soil Stabilize /Erosion Ctl		4,850	12,000
2620.010	Drainage: French Drains	Rebar: All Types		6,405	24,984
3310.140	Conc: Footings	Conc: Walls		34,379	56,000
3310.160	Conc: Walls	Conc: Slabs On Grade		6,966	4000.010
4000.010	Division 4 Subcontractors	Conc. Block: 8"		143,841	48,438
4220.120	Conc. Block: 6"	Conc. Block: 6"	/ea	48,438	142,360
5000.010	Division 5 Subcontractors	Misc: Misc Metals		12,000	10,694
6117.010	Blocking: Roof Nailers	Blocking: Misc.		7,236	63,519
7111.010	Dampproofing: VapBarrier	Insulation: Board		6,178	118,240
7530.010	Membrane: Elastomere EPDM	Sheetmetal: Gravel Stop		4,680	16,000
7810.010	Fireproofing: Spray On	Sealant - Jt Filler Gasket		2,500	8,978
8100.000	Doors: Metal With Frames	Doors: Overhead		56,500	21,600
8610.010	Windows: Metal	Skylights		24,000	11,212
8700.000	Hardware: Finishing	Hardware: Electromagnetic		1,620	11,299
9000.010	Division 9 Subcontractors	Fire Extinguishers Etc		192	15,000
11010.030	Equip: Vacuum Systems	Equip: Vehicle Service		100,000	8,000
13100.000	Lighting Protection	Lifts		170,000	36,000
15300.010	Sprinkler	Plumbing		54,000	86,400
15400.000	Plumbing	HVAC Systems		8,000	158,000
15900.000	Controls	Electrical Complete		16200.010	16200.010
16200.010	Power Generation				
4 Auto Shop 8,000 sf					8,000.00 sf
5 Covered Storage					15,000 sf
2,171,134					271.39 /sf

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
----------	-------	-------------	------------------	-----------------	--------------

1000.202	PRECONSTRUCTION SERVICES	Layout			3,080
2315.021	Earthwk: Excav Foot/Misc				1,200
2315.024	Earthwk: Fine Grade				5,250
2315.070	Backfill: Foot Wall Misc				4,500
2340.010	Soil Stabilize/Erosion Ctl				14,596
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
11,200 sf	5 Covered Storage 15,000 sf		15,000.00 sf	33.65 /sf	504,803

1000.202	PRECONSTRUCTION SERVICES	Layout			3,080
2315.021	Earthwk: Excav Foot/Misc				1,200
2315.024	Earthwk: Fine Grade				5,250
2315.070	Backfill: Foot Wall Misc				10,270
2340.010	Soil Stabilize/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
11,200 sf	6 Granular Storage 11,200 sf		11,200.00 sf	36.72 /sf	411,219

1730.100	Demo: Subcontractors				63,000
2100.000	Site Remediation				10,000
2240.010	Dewater: General				25,000
2310.020	Earthwk: Site Grading				342,606
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
440,500 sf	7 Site Development				

Bid Item	Phase	Description	Takeoff Quantity	Total Cost/Unit	Total Amount
----------	-------	-------------	------------------	-----------------	--------------

2810.010	Improvements: IrrigationSvs				18,000
2820.010	Improvements: Fencing				125,865
2840.050	Improvements: Bollard/Rails				28,800
2840.080	Improvements: Parking Items				150,000
2900.010	Landscapes: 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
FF&E Allowance	1,000,000	32,815,623	
Estimating Contingency	3,281,562	36,097,185	10.00 %
Building Permit	541,458	36,638,643	1.50 %
G & L Insurance	311,428	36,950,071	8.50 \$ / 1,000
C.M. Fee (2.85%)	1,053,077	38,003,148	2.85 %
P&P Bond	294,316	38,297,464	0.73 %
Architects & Engineers Fees	2,297,848	40,595,312	6.00 %
Total			