



By Electronic Mail & U.S. Mail

April 17, 2023

Ms. Donna Jerry
Senior Health Policy Analyst
Green Mountain Care Board
144 State Street
Montpelier, VT 05602
Donna.Jerry@vermont.gov

Re: Docket No. GMCB-004-23con, Development of Outpatient Surgery Center on Tilley Drive, Project Cost: \$129,640,703.

Dear Ms. Jerry:

The University of Vermont Medical Center Inc. ("UVM Medical Center") hereby respond to the Green Mountain Care Board's ("Board") Requests for Additional Information Q.001, dated February 23, 2023, regarding the above-referenced project.

1. Please submit the CSI estimate format prepared by a Construction Manager of a professional estimating company.

Response: Please see the attached estimate.

2. FGI Check List: Item 2.7-2 Accommodations for care of patients of size. Explain how patients of size seeking care at the Outpatient Surgery Center (OSC) will be accommodated.

Response:

The OSC will meet or exceed all requirements of the federal Americans with Disabilities Act, as well as all federal, state, and municipal building code requirements related to public accessibility. The public entrance to the OSC will feature power operated doors; all of its waiting area spaces and furniture, as well as the patient-accessible bathroom fixtures, will accommodate all patients and family members. Clinically, the OSC will support patients with ASA risk score of 3 or below and patients with Body Mass Index (BMI) of 50 or less. These guidelines, developed by the Department of Anesthesiology to support patient safety and high quality care at the Fanny Allen, will continue to the new OSC. Before opening the new OSC, a multidisciplinary team,

including respiratory therapy, pulmonology, surgery, anesthesiology, and nursing will develop a protocolized approach to patient selection, based on patient safety, for the OSC patients with BMI between 40 - 50. UVM Medical Center will continue to accommodate patients of higher risk for surgery, including patients with BMI > 50, in its main campus operating rooms, which are equipped with the expanded-capacity lifts and other features that support all patients receiving surgical care in the inpatient setting, where the increased risks of surgery can be more safely and appropriately managed.

2.7-2	ACCOMMODATIONS FOR CARE OF PATIENTS OF SIZE
2.1-2.1.1.2	<input checked="" type="checkbox"/> check if <u>not</u> included in project (only if a Patient Handling & Movement Assessment that determines that the outpatient service does not have a need for expanded-capacity lifts & architectural details that support movement of patients of size in patient areas is attached to the Project Narrative)

3. FGI Item 2.1-3.8.8.2. Please check the box if four minimum air changes will be provided in the med prep room. If not, please explain in detail.

Response: Four (4) air changes per hour will be provided in the medication preparation room.

2.1-3.8.8.2			
(1)	<input checked="" type="checkbox"/> medication preparation room	Ventilation:	
(a)	<input checked="" type="checkbox"/> work counter	<input checked="" type="checkbox"/> Min. 4 air changes per hour	Table 8.1
	<input checked="" type="checkbox"/> handwashing station	Lighting:	
	<input checked="" type="checkbox"/> lockable refrigerator	<input checked="" type="checkbox"/> Task lighting	2.1-3.8.8.1(2)(d)
	<input checked="" type="checkbox"/> locked storage for controlled drugs		
	<input checked="" type="checkbox"/> sharps containers		
	<input type="checkbox"/> check if not included in project		
(b)	<input checked="" type="checkbox"/> self-contained medication dispensing units		
	<input type="checkbox"/> check if not included in project		
	<input checked="" type="checkbox"/> room designed with space to prepare medications		

4. FGI Item 2.7-6.4. Explain what alternative accommodations are being made for general support area staff storage.

Response: Each member of the OSC staff will be assigned a lockable storage locker to store personal belongings. Staff who are assigned a private office will also be able to secure personal belongings in their office. The workstations in general support areas are communal, and there is no need for additional dedicated staff storage in these areas.

2.7-6.4	GENERAL SUPPORT AREAS FOR STAFF
2.1-6.4.2	<input checked="" type="checkbox"/> Storage for staff personal effects
	<input checked="" type="checkbox"/> locking drawers cabinets or lockers
	<input checked="" type="checkbox"/> readily accessible* to individual work areas

5. Please provide the Financial Framework Model for the OSC project in Excel that UVMHC discussed during an earlier conference call with CON staff.

Response: Please see the relevant portions of UVM Health Network's "Five Year Financial Framework" for the UVM Medical Center attached hereto in both Excel and .pdf format.

The financial framework is a financial projection model that provides a five-year current and forward looking view, incorporating previous, current, and future years' projected operating results, investment returns, capital spend, and debt assumptions. The model is built in an integrated software solution, which leading health care consultant and financial advisor Kaufman Hall & Associates originally developed and still uses. It is refreshed annually, and also reviewed by UVM Health Network's health care financial advisor Ponder & Company to ensure objectives are reasonable compared to industry financial benchmarks.

The financial framework incorporates high level volume, payer, P&L and balance sheet relationships to model future year financial results and balance sheet impacts. It is used to project financial, operational, debt, and balance sheet statistics to test the reasonableness of UVM Health Network's multi-year capital plan, and define the financial performance results necessary to ensure financial stability. The financial framework also serves to inform external industry partners such as rating agencies, major banks, and investors of future debt insurance of the current and future financial health and credit worthiness of the UVM Health Network.

No single metric or statistic predicts or demonstrates future financial stability. Effective financial management requires a multi-year balanced and integrated approach, and an understanding of the relationship between key financial indicators. Those key financial indicators are Operating Margin, EBIDA Margin, Days Cash on Hand, Capital Spend %, Average Age of Plant, & Long-Term Debt to Capitalization Ratio.

UVM Medical Center focuses on achieving the annual margin results necessary to maintain the financial thresholds and relationships set by the financial framework. This focus on margin is necessary as many variables can affect financial results. Achieving margin results is one of the most critical components in ensuring the financial thresholds set by the multi-year financial framework can be met, and services to UVM Medical Center's patients can be maintained.

Finally, the financial framework is a planning tool constructed at a higher level of generality than the project-specific financial modeling the Board requires as part of UVM Medical Center's CON applications. In most cases, information contained in reports from the financial framework will be very similar to information contained in the financial tables submitted in support of a CON application, though not exactly the same. The financial framework does fairly convey the relational impact of the proposed OSC project on financial results, however, and therefore can be useful to inform the CON decision process.

Thank you for your attention to UVM Medical Center's application. Please let us know if you have any further questions or need additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "Eric Miller".

Eric Miller
Senior Vice President and General Counsel
The University of Vermont Health Network

cc. Office of the Health Care Advocate (via email)

UVM Health Network - New - Outpatient Surgery Center
Schematic Design - Construction Cost Estimate - Pass 1 - April 2022
D.E.W. Construction, Williston, VT, 802-872-0505

Project name	UVMHC OSC - Schematic - April 2022 Lot 6, Tilley Drive South Burlington VT
Job size	84249 SF
Notes	<ul style="list-style-type: none">-Schematic design estimating package of February 28, 2022.-Construction start of April 2023.-DEW preconstruction expense is not included.-No BIM coordination expense in this estimate.-No design assist partner expense in this estimate.-No OR pre-fabricated "Ease" wall systems.-See DEW schematic estimate narrative for assumptions, allowances, clarifications, exclusions, work by others and work by owner.-NIC = Not In Contract, Not In Estimate.

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
2100.00			SITE WORK						
	2110.00		Site Work - General						
		20	Site-Mobilize-Equipment	12.00 ea	2,400	-	-	7,920	10,320
		22	Site-Layout-Initial-Survey Crew	3.00 dy	-	-	3,900	-	3,900
		24	Site-Layout-Per Week	5.00 wk	22,000	375	-	825	23,200
		26	Site-Supervision-To Build-Project Manager	30.00 wk	46,200	2,250	-	3,000	51,450
		30	Site-Supervision-To Build-Foreman	30.00 wk	84,000	4,500	-	9,000	97,500
		32	Site-Supervision-To Build-Clerical	30.00 wk	33,600	-	-	-	33,600
		42	Site-Roads-Clean	50.00 dy	5,000	-	-	9,000	14,000
			Site Work - General	84,249.00 SF	193,200	7,125	3,900	29,745	233,970
	2112.00		Site Work - Demolition						
		20	Site Demo-Sawcut-Asphalt	96.00 lf	120	14	-	49	183
		24	Site Demo-Asphalt-To 3"	160.00 sf	-	-	-	55	55
		30	Site Demo-Concrete-Foundation	66.00 cy	-	-	-	11,000	11,000
		36	Site Demo-Curbs-Concrete	80.00 lf	160	-	-	608	768
		88	Site Demo-Exist-Wind Mill-Relocate	1.00 ea	1,600	346	5,000	3,200	10,146
		*100	Site Demo-Debris-Load To Truck	71.50 cy	-	-	-	321	321
		*102	Site Demo-Debris-Haul Off Site	71.50 cy	-	-	-	688	688
		104	Site Demo-Debris-Disposal-Asphalt	1.50 cy	-	15	-	-	15
		*106	Site Demo-Debris-Disposal-Concrete	70.00 cy	-	1,050	-	-	1,050
			Site Work - Demolition	84,249.00 SF	1,880	1,425	5,000	15,921	24,226
	2114.00		Site Work - Preparation						
		20	Site Prep-Clear-Trees-Light	7,998.00 sf	571	-	-	700	1,271
		26	Site Prep-Clear-Grub Stumps-Light	7,998.00 sf	148	-	-	395	543
		54	Site Prep-Rock Removal-Allowance	300.00 cy	-	-	60,000	-	60,000
		70	Site Prep-Rock Removal-Backhoe	300.00 cy	-	-	-	2,625	2,625
		72	Site Prep-Rock Removal-Move Mats	40.00 hr	-	-	-	8,000	8,000
			Site Work - Preparation	84,249.00 SF	719		60,000	11,720	72,439
	2118.00		Site Work - Erosion Control						
		10	Erosion Control-Per Narrative	1.00 ls	-	-	175,000	-	175,000
			Site Work - Erosion Control	84,249.00 SF			175,000		175,000
	2200.00		Site Work - Earthwork						
		18	Grading-Strip-Topsoil-Rotill-Tractor	339,458.00 sf	6,062	-	-	9,093	15,154
		20	Grading-Strip-Topsoil	6,262.00 cy	-	-	-	28,179	28,179
		22	Grading-Strip-Topsoil-Stockpile	6,262.00 cy	-	-	-	25,048	25,048
		32	Grading-Rough-Cuts-Dozer	20,410.00 cy	-	-	-	54,427	54,427
		40	Grading-Rough-Cuts-To Fill	14,039.00 cy	-	-	-	58,496	58,496
		42	Grading-Rough-Fills-Dozer	14,039.00 cy	-	-	-	37,437	37,437
		46	Grading-Rough-Fills Compact	14,039.00 cy	-	-	-	32,758	32,758
		62	Grading-Waste Excess-Load & Haul-Away	10,774.00 cy	-	-	-	151,941	151,941
			Site Work - Earthwork	84,249.00 SF	6,062			397,378	403,440
	2202.00		Site Work - Building						
		20	Building-Excavate-Trench-Mass	10,067.00 cy	14,381	-	-	57,526	71,907
		20	Building-Excavate-Trench	2,081.00 cy	2,973	-	-	11,891	14,864
		*26	Building-Backfill-Backhoe	11,156.00 cy	15,937	-	-	63,749	79,686
		26	Building-Backfill-FS-Backhoe	699.00 cy	999	-	-	3,994	4,993
		*28	Building-Backfill-Compaction-Plate	11,156.00 cy	37,187	-	-	18,593	55,780
		28	Building-Backfill-FS-Compaction-Plate	699.00 cy	2,330	-	-	1,165	3,495
		34	Building-Backfill-Import-Sand	8,086.00 cy	-	121,290	-	-	121,290
		38	Building-Backfill-Import-Crush Gravel	3,060.00 cy	-	88,128	-	-	88,128
		40	Building-Backfill-FS-Import-Crush Stone	699.00 cy	-	21,809	-	-	21,809
		*50	Building-Underslab-Plumbing	2,633.00 lf	-	-	39,495	-	39,495
		*70	Building-Slab Base-Fine Grade	58,532.00 sf	5,853	-	-	8,608	14,461
		72	Building-Slab Base-Crush Gravel	1,248.00 cy	1,248	35,942	-	7,488	44,678
		74	Building-Slab Base-Crush Stone	920.07 cy	920	28,706	-	5,520	35,147
		*76	Building-Slab Base-Sand	1,084.04 cy	1,084	16,261	-	6,504	23,849
		*80	Building-Fabric-Stabilization-Large Area	58,532.00 sf	6,504	5,619	-	2,090	14,213
		82	Building-Fabric-FS-Stabilization-Small Area	45,442.00 sf	9,088	4,362	-	3,787	17,238
		92	Building-Waste Excess-Load & Haul-Away	12,148.00 cy	-	-	-	171,318	171,318
			Site Work - Building	84,249.00 SF	98,504	322,117	39,495	362,234	822,350
	2204.00		Site Work - Roads & Walks						
		*30	Subbase-Spread & Compact-Pads & Walks	797.00 cy	3,985	-	-	11,955	15,940
		32	Subbase-Spread & Compact-Roads	9,006.00 cy	-	-	-	45,030	45,030
		*72	Subbase-Import-Crush Gravel	1,977.00 cy	-	56,938	-	-	56,938
		*74	Subbase-Import-Crush Stone	7,826.00 cy	-	244,171	-	-	244,171
		*80	Subbase-Fine Grade-Pads & Walks	17,194.00 sf	3,439	-	-	4,299	7,737
		82	Subbase-Fine Grade-Roads	121,385.00 sf	7,140	-	-	5,419	12,559
		86	Subbase-Fabric-Stabilization-Large Area	121,385.00 sf	13,487	11,653	-	4,335	29,475

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
	2204.00		Site Work - Roads & Walks						
		*88	Subbase-Fabric-Stabilization-Small Area	17,194.00 sf	3,439	1,651	-	1,433	6,522
			Site Work - Roads & Walks	84,249.00 SF	31,490	314,412	-	72,470	418,373
	2208.00		Site Work - Topsoil						
		20	Topsoil-Import-Buy	1,859.00 cy	-	62,462	-	-	62,462
		20	Topsoil-Import-Buy	159.00 cy	-	4,579	-	-	4,579
		22	Topsoil-Exist-Reuse	3,718.00 cy	-	0	-	-	0
		24	Topsoil-Exist-Screen-On Site	3,718.00 cy	5,205	-	-	13,013	18,218
		30	Topsoil-Distribute	159.00 cy	-	-	-	1,113	1,113
		*32	Topsoil-Spread-Dozer	3,877.00 cy	7,754	-	-	11,631	19,385
			Site Work - Topsoil	84,249.00 SF	12,959	67,042	-	25,757	105,758
	2310.00		Site Work - Utility Structures						
		50	Structure-Precast-Sewer- 4' D-Base	2.00 ea	100	240	-	200	540
		50	Structure-Precast-CB- 4' D-Base	45.00 ea	2,250	5,400	-	4,500	12,150
		52	Structure-Precast-Sewer- 4' D-Riser	18.00 vf	600	1,530	-	1,200	3,330
		52	Structure-Precast-CB- 4' D-Riser	402.00 vf	13,400	34,170	-	26,800	74,370
		54	Structure-Precast-Sewer- 4' D-Top	2.00 ea	100	240	-	200	540
		54	Structure-Precast-CB- 4' D-Top	45.00 ea	2,250	5,400	-	4,500	12,150
		62	Structure-Precast-OS- 6' D-Base	2.00 ea	100	350	-	200	650
		62	Structure-Precast-DMH- 6' D-Base	2.00 ea	100	350	-	200	650
		64	Structure-Precast-OS- 6' D-Riser	22.00 vf	1,100	3,850	-	2,200	7,150
		64	Structure-Precast-DMH- 6' D-Riser	25.00 vf	1,250	4,375	-	2,500	8,125
		66	Structure-Precast-OS 6' D-Top	2.00 ea	100	350	-	200	650
		66	Structure-Precast-DMH- 6' D-Top	2.00 ea	100	350	-	200	650
		70	Structure-Precast-Sewer-Pipe-Knockouts	3.00 ea	-	225	-	-	225
		70	Structure-Precast-CB-Pipe-Knockouts	92.00 ea	-	6,900	-	-	6,900
		70	Structure-Precast-OS-Pipe-Knockouts	2.00 ea	-	150	-	-	150
		70	Structure-Precast-DMH-Pipe-Knockouts	5.00 ea	-	375	-	-	375
		72	Structure-Precast-Sewer-Inverts-CIP	2.00 ea	300	250	-	150	700
		80	Structure-Precast-Sewer-Ring	2.00 ea	960	300	-	-	1,260
		80	Structure-Precast-CB-Ring	45.00 ea	21,600	6,750	-	-	28,350
		80	Structure-Precast-DMH-Ring	2.00 ea	960	300	-	-	1,260
		84	Structure-Sewer-Frame & Cover-DI	2.00 ea	300	1,600	-	125	2,025
		84	Structure-OS-Frame & Cover-DI	2.00 ea	300	1,600	-	125	2,025
		84	Structure-DMH-Frame & Cover-DI	2.00 ea	300	800	-	125	1,225
		86	Structure-CB-Frame & Grate-DI	45.00 ea	6,750	36,000	-	2,813	45,563
		106	Structure-Precast-Tanks-3,000 Gal	1.00 ea	600	6,500	-	1,600	8,700
			Site Work - Utility Structures	84,249.00 SF	53,520	118,355	-	47,838	219,713
	2330.00		Site Work - Drainage & Storm						
		22	Drainage-Pipe-PVC- 6"	60.00 lf	214	576	-	-	790
		24	Drainage-Pipe-PVC- 8"	220.00 lf	786	3,960	-	-	4,746
		28	Drainage-Pipe-PVC- 12"	2,895.00 lf	13,159	90,324	-	14,475	117,958
		30	Drainage-Pipe-PVC- 15"	690.00 lf	4,059	24,012	-	4,600	32,671
		32	Drainage-Pipe-PVC- 18"	150.00 lf	1,071	5,580	-	1,200	7,851
		36	Drainage-Pipe-PVC- 24"	475.00 lf	3,654	31,350	-	4,222	39,226
		36	Drainage-Pipe-PVC- 30"	155.00 lf	1,550	13,020	-	1,550	16,120
		36	Drainage-Pipe-PVC- 24"	40.00 lf	1,000	2,640	-	356	3,996
		38	Drainage-Pipe-PVC- 4"-Perf	1,944.00 lf	6,480	4,316	-	-	10,796
		*40	Drainage-Pipe-FD-PVC- 6"-Perf	1,971.00 lf	7,039	18,922	-	-	25,961
		110	Drainage-Pipe-Trench Drains-ACCO	20.00 lf	400	3,600	-	800	4,800
		110	Drainage-Pipe-Ends	11.00 ea	550	1,980	-	1,100	3,630
		110	Drainage-Pipe-Ends	1.00 ea	50	420	-	100	570
		114	Drainage-Pipe-Yard Drains-ACCO	2.00 ea	250	2,040	-	200	2,490
		*120	Drainage-Pipe-Excavate & Backfill	4,585.00 lf	57,313	-	-	99,342	156,654
		124	Drainage-Pipe-Excavate	432.00 cy	432	-	-	1,728	2,160
		126	Drainage-Pipe-Excavate	1,112.00 cy	855	-	-	3,422	4,277
		*134	Drainage-Pipe-Backfill-Backhoe	1,544.00 cy	2,206	-	-	8,823	11,029
		*142	Drainage-Pipe-Backfill-Import-Sand	2,548.33 cy	-	38,225	-	-	38,225
		*148	Drainage-Pipe-Backfill-Import-Crush Stone	1,544.00 cy	-	48,173	-	-	48,173
		*148	Drainage-Pipe-FD-Backfill-Import-Crush Stone	585.00 cy	-	18,252	-	-	18,252
		*160	Drainage-Fabric-Filter	25,676.00 sf	5,135	3,697	-	2,140	10,972
		*160	Drainage-Fabric-FD-Filter	23,652.00 sf	4,730	3,406	-	1,971	10,107
		164	Drainage-Waste-Load & Haul-Away	1,145.00 cy	-	-	-	16,147	16,147
		*170	Drainage-Rip Rap-Outfalls & Slopes	213.03 cy	-	7,669	-	8,521	16,190
		202	Drainage-Liners-Membrane-30 Mil	11,400.00 sf	11,400	9,576	-	5,700	26,676
			Site Work - Drainage & Storm	84,249.00 SF	122,334	331,737	-	176,396	630,467
	2340.00		Site Work - Water						
		*92	Water-Pipe-DI-Push- 6.00"	610.00 lf	3,813	25,620	-	2,905	32,337

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
	2340.00		Site Work - Water						
		*112	Water-Pipe-DI-Fitting- 6.00"	3.00 ea	450	1,650	-	600	2,700
		*132	Water-Pipe-DI-Valve- 6.00"	5.00 ea	1,000	7,700	-	750	9,450
		*150	Water-Pipe-DI-Valve-Box	5.00 ea	375	1,650	-	500	2,525
		*166	Water-Pipe-Line Tap- 8.00"	2.00 ea	1,000	6,600	2,700	2,400	12,700
		180	Water-Hydrant	1.00 ea	300	1,980	-	400	2,680
		*190	Water-Thrust Block-Concrete	8.00 ea	300	528	-	600	1,428
		*200	Water-Pipe-Excavate & Backfill	610.00 lf	7,625	-	-	13,217	20,842
		*222	Water-Pipe-Backfill-Import-Sand	340.00 cy	-	5,100	-	-	5,100
		232	Water-Waste-Load & Haul-Away	340.00 cy	-	-	-	4,795	4,795
			Site Work - Water	84,249.00 SF	14,863	50,828	2,700	26,166	94,557
	2350.00		Site Work - Sewer						
		22	Sewer-Pipe-PVC- 6"	90.00 lf	321	864	-	-	1,185
		24	Sewer-Pipe-PVC- 8"	280.00 lf	1,000	5,040	-	-	6,040
		98	Sewer-Pipe-Exist-Tie In	1.00 ea	200	400	-	400	1,000
		100	Sewer-Pipe-Excavate & Backfill	190.00 lf	2,375	-	-	4,117	6,492
		122	Sewer-Pipe-Backfill-Import-Sand	156.00 cy	-	2,340	-	-	2,340
		132	Sewer-Waste-Load & Haul-Away	156.00 cy	-	-	-	2,200	2,200
		****	Sewer-Pipe-DI-Push- 8.00"	8.00 lf	80	461	-	64	605
		****	Sewer-Pipe-DI-Valve- 8.00"	1.00 ea	200	2,220	-	150	2,570
		****	Sewer-Pipe-DI-Valve-Box	1.00 ea	75	360	-	100	535
		****	Sewer-Pipe-Thrust Block-Concrete	1.00 ea	38	72	-	75	185
			Site Work - Sewer	84,249.00 SF	4,289	11,757	-	7,106	23,151
	2370.00		Site Work - Power & Comm Utilities						
		*20	Site Electrical-Power-Excavate	1,521.00 cy	3,803	-	-	11,408	15,210
		*22	Site Electrical-Power-Backfill-Backhoe	1,521.00 cy	2,535	-	-	7,605	10,140
		*24	Site Electrical-Power-Backfill-Compaction-Plate	1,521.00 cy	5,070	-	-	2,535	7,605
		*26	Site Electrical-Power-Backfill-Import-Sand	284.00 cy	-	4,260	-	-	4,260
		30	Site Electrical-Comm-Excavate	415.00 cy	1,038	-	-	3,113	4,150
		32	Site Electrical-Comm-Backfill-Backhoe	415.00 cy	692	-	-	2,075	2,767
		34	Site Electrical-Comm-Backfill-Compaction-Plate	415.00 cy	1,383	-	-	692	2,075
		36	Site Electrical-Comm-Backfill-Import-Sand	147.00 cy	-	2,205	-	-	2,205
		38	Site Electrical-Comm-Waste-Load & Haul-Away	437.00 cy	-	-	-	6,163	6,163
		40	Site Electrical-Light Feeds-Trencher	2,850.00 lf	14,250	-	-	7,125	21,375
		52	Site Electrical-Base-Light-Precast-Pole Mtd	38.00 ea	1,900	24,700	-	3,325	29,925
		52	Site Electrical-Base-Light-Precast-Bollard	7.00 ea	350	2,100	-	613	3,063
		56	Site Electrical-Base-CIP-BL/EV	25.00 ea	2,500	-	6,250	4,375	13,125
		64	Site Electrical-Precast-Vault-K30	1.00 ea	400	8,500	-	1,200	10,100
		66	Site Electrical-Handholes	2.00 ea	200	1,000	-	150	1,350
		*100	Site Electrical-Encase-Concrete-Not Formed	153.00 cy	4,590	22,950	-	7,650	35,190
			Site Work - Power & Comm Utilities	84,249.00 SF	38,710	65,715	6,250	58,027	168,702
	2372.00		Site Work - Energy & Fuel						
		10	Energy & Fuel-Gas Line-By VT Gas	0.00 ls	-	-	0	-	0
		22	Energy & Fuel-O2-Excavate	228.00 cy	228	-	-	912	1,140
		22	Energy & Fuel-CW-Excavate	292.00 cy	292	-	-	1,168	1,460
		32	Energy & Fuel-O2-Backfill-Backhoe	228.00 cy	326	-	-	1,303	1,629
		32	Energy & Fuel-CW-Backfill-Backhoe	292.00 cy	417	-	-	1,669	2,086
		34	Energy & Fuel-O2-Backfill-Compaction-Plate	228.00 cy	760	-	-	380	1,140
		34	Energy & Fuel-CW-Backfill-Compaction-Plate	292.00 cy	973	-	-	487	1,460
		40	Energy & Fuel-O2-Backfill-Import-Sand	53.00 cy	-	795	-	-	795
		40	Energy & Fuel-CW-Backfill-Import-Sand	155.00 cy	-	2,325	-	-	2,325
		50	Energy & Fuel-Waste-Load & Haul-Away	208.00 cy	-	-	-	2,933	2,933
			Site Work - Energy & Fuel	84,249.00 SF	2,996	3,120	-	8,851	14,968
	2398.00		Site Work - Misc						
		16	Site-De Watering-Foundation	60.00 dy	24,000	2,400	-	2,880	29,280
		*60	Site-Insulation-Rigid-40 PSI- 2"-Thick-Horiz	4,412.00 sf	2,206	10,920	-	-	13,126
		72	Site-Test Pits-Excavator	20.00 ea	2,000	-	-	8,000	10,000
		90	Site-General-Excavate-Backhoe	651.00 cy	-	-	-	6,510	6,510
		96	Site-General-Backfill-Backhoe	510.00 cy	729	-	-	2,914	3,643
		98	Site-General-Backfill-Compaction-Plate	510.00 cy	1,700	-	-	850	2,550
		104	Site-General-Backfill-Import-Crush Gravel	510.00 cy	-	14,688	-	-	14,688
		110	Site-General-Waste-Load & Haul-Away	651.00 cy	-	-	-	9,181	9,181
		238	Site-Truck-Dump-13 CY-Deliver-Boulders	1.00 dy	-	150	-	575	725
			Site Work - Misc	84,249.00 SF	30,635	28,158	-	30,910	89,702
			SITE WORK	84,249.00 SF	612,160	1,321,791	292,345	1,270,519	3,496,816
2400.00			SITE IMPROVEMENTS						
	2420.00		Site - Fences & Guard Rails						
		*26	Fence-Chain Link-12' H	206.00 lf	-	-	20,600	-	20,600

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
	2420.00		Site - Fences & Guard Rails						
		*30	Fence-Chain Link-Add-Gate-Man- 6' W	2.00 ea	-	-	1,800	-	1,800
		32	Fence-Chain Link-Add-Gate-Vehicle	1.00 ea	-	-	1,500	-	1,500
		80	Guard Rail-Timber-Posts & 2 Rail	75.00 lf	-	-	6,375	-	6,375
			Site - Fences & Guard Rails	84,249.00 SF			30,275		30,275
	2430.00		Site - Signage & Signals						
		20	Signs-Traffic-Directional-Single Face-On Post	17.00 ea	1,275	4,250	-	-	5,525
		22	Signs-Traffic-Directional-Dlbe Face-On Post	1.00 ea	100	300	-	-	400
			Site - Signage & Signals	84,249.00 SF	1,375	4,550			5,925
	2440.00		Site - Furnishings & Equipment						
		14	Furnishings-Wall-Screen-Moz Design- 8' H	272.00 sf	2,125	27,200	-	1,275	30,600
		22	Furnishings-Benches-VS-RB28- 6' L	9.00 ea	900	14,850	-	-	15,750
		24	Furnishings-Bike Rack-Single-U/2	14.00 ea	1,400	14,000	-	-	15,400
		26	Furnishings-Bollards-Steel- 6"-Std-Cover	6.00 ea	600	2,400	2,250	225	5,475
		32	Furnishings-Fermob-Bistro-Tables	6.00 ea	690	2,760	-	-	3,450
		32	Furnishings-Fermob-Bistro-Chairs	24.00 ea	1,320	3,600	-	-	4,920
		32	Furnishings-Loll-Chairs-Adirondack	6.00 ea	330	4,800	-	-	5,130
			Site - Furnishings & Equipment	84,249.00 SF	7,365	69,610	2,250	1,500	80,725
	2450.00		Site - Landscaping						
		10	Landscape-Plantings-Per L2.06-Landshapes	1.00 ls	-	-	287,423	-	287,423
		20	Landscape-Plantings-Soil-Compost Mix	1,805.00 cy	-	-	144,400	-	144,400
		22	Landscape-Mulch-Bark	114.00 cy	1,900	6,156	-	1,583	9,639
		28	Landscape-Fabric-Weed Barrier	12,282.00 sf	8,188	1,842	-	-	10,030
		32	Landscape-Edge-Steel	765.00 lf	2,550	7,344	-	-	9,894
		110	Landscape-Plantings-Maintenance & Warranty	1.00 ls	-	-	49,478	-	49,478
		114	Landscape-Special-Wetlands-Per C1.14	3,215.00 ea	-	-	40,188	-	40,188
		114	Landscape-Damages-Fines-NIC	0.00 ls	-	-	0	-	0
			Site - Landscaping	84,249.00 SF	12,638	15,342	521,489	1,583	551,052
	2456.00		Site - Lawns						
		34	Lawn-Fine Grade & Seed & Mulch	129,742.00 sf	-	-	19,461	-	19,461
			Site - Lawns	84,249.00 SF			19,461		19,461
			SITE IMPROVEMENTS	84,249.00 SF	21,378	89,502	573,475	3,083	687,438
2500.00			PAVING & SURFACING						
	2530.00		Paving - Asphalt						
		38	Paving-Asphalt-Roads- 4.00"	121,385.00 sf	-	-	326,385	-	326,385
		44	Paving-Asphalt-Walks- 2.50"	0.00 sf	-	-	0	-	0
		48	Paving-Asphalt-Walks-Patching- 2.50"	160.00 sf	-	-	611	-	611
			Paving - Asphalt	84,249.00 SF			326,996		326,996
	2540.00		Paving - Unit						
		20	Unit Paving-Unilock-Plank- 4"	2,249.00 sf	-	-	56,225	-	56,225
			Paving - Unit	84,249.00 SF			56,225		56,225
	2570.00		Curbing						
		24	Curbing-Concrete-CIP- 6" x 18"	4,350.00 lf	-	-	87,000	-	87,000
		50	Curbing-Excavate & Backfill	4,350.00 lf	8,700	-	-	30,450	39,150
			Curbing	84,249.00 SF	8,700		87,000	30,450	126,150
	2574.00		Site Concrete						
		24	Site Concrete-Walks-WWF- 6" Thick	10,767.00 sf	-	-	99,694	-	99,694
		*34	Site Concrete-Pads-Rebar- 8" Thick	3,782.00 sf	-	-	46,925	-	46,925
		*36	Site Concrete-Pads-Rebar- 10" Thick	374.00 sf	-	-	18,215	-	18,215
		38	Site Concrete-Pads-Rebar- 12" Thick	144.00 sf	-	-	2,667	-	2,667
			Site Concrete	84,249.00 SF			167,502		167,502
	2599.00		Paving & Surfacing - Misc						
		20	Line Markings-Asphalt-Painted	1.00 ls	-	-	8,100	-	8,100
			Paving & Surfacing - Misc	84,249.00 SF			8,100		8,100
			PAVING & SURFACING	84,249.00 SF	8,700		645,823	30,450	684,973
3000.00			CONCRETE - BUILDING						
	3052.00		Concrete - Form Strip Footings						
		14	Form Strip Footings-3 Use	3,835.30 sf	22,919	4,790	-	-	27,709
			Concrete - Form Strip Footings	84,249.00 SF	22,919	4,790			27,709
	3054.00		Concrete - Form Spread Footings						
		*12	Form Spread Footings-3 Use	4,807.88 sf	33,267	5,689	-	-	38,956
			Concrete - Form Spread Footings	84,249.00 SF	33,267	5,689			38,956
	3060.00		Concrete - Form Walls						
		20	Form Walls-Shefts-3 Use	622.00 sf	8,742	981	-	-	9,723
		28	Form Walls-Pilasters-3 Use	2,103.00 sf	22,800	4,147	-	-	26,947
		*30	Form Walls-Symons- 0' to 8' H	11,921.76 sf	60,318	16,457	-	-	76,775
		*32	Form Walls-Symons- 8' to 16' H	23,988.52 sf	162,549	25,230	-	-	187,779
		34	Form Walls-Symons-Over 16' H	3,700.00 sf	28,080	3,891	-	-	31,972
		62	Form Walls-Liner-Wood-1 Use	708.00 sf	4,231	6,769	-	-	11,000

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
			Concrete - Form Walls	84,249.00 SF	286,721	57,476			344,196
3064.00			Concrete - Form Slabs On Grade						
		*16	Form Slabs-Edge Forms	1,301.00 sf	8,552	1,283	-	-	9,835
		*24	Form Slabs-Vapor Barrier-10 Mil	57,861.00 sf	10,478	34,231	-	-	44,708
			Concrete - Form Slabs On Grade	84,249.00 SF	19,029	35,514			54,543
3066.00			Concrete - Form Square Columns						
		12	Form Columns-Square-Plywood-3 Use	1,086.00 sf	12,979	1,785	-	-	14,764
			Concrete - Form Square Columns	84,249.00 SF	12,979	1,785			14,764
3076.00			Concrete - Form Equipment Bases						
		12	Form Equipment Pads-3 Use	179.00 sf	3,773	329	-	-	4,103
			Concrete - Form Equipment Bases	84,249.00 SF	3,773	329			4,103
3080.00			Concrete - Inserts & Sleeves						
		26	Inserts-Chamfer Strip- 1"	358.00 lf	513	188	-	-	702
			Concrete - Inserts & Sleeves	84,249.00 SF	513	188			702
3082.00			Concrete - Expansion Joints						
		*20	Expan Joints-Bituminous- 4.00"	1,086.00 lf	2,225	623	-	-	2,848
		24	Expan Joints-Bituminous- 6.00"	30.00 lf	62	28	-	-	89
			Concrete - Expansion Joints	84,249.00 SF	2,287	651			2,938
3086.00			Concrete - Control Joints & Sawcuts						
		*10	Joints-Control-Sawcut-Green- 1.00" Deep	5,786.00 lf	4,112	380	-	934	5,426
			Concrete - Control Joints & Sawcuts	84,249.00 SF	4,112	380		934	5,426
3088.00			Concrete - Reinforcing Steel						
		*28	Steel Rebar-Footings	38,793.32 lb	24,507	38,250	-	-	62,758
		*34	Steel Rebar-Walls	61,930.57 lb	37,344	61,064	-	-	98,408
		*38	Steel Rebar-Columns	4,773.33 lb	6,332	4,707	-	-	11,039
		*40	Steel Rebar-Slab On Grade	360.72 lb	281	356	-	-	637
		*44	Steel Rebar-Other	1,042.08 lb	691	1,028	-	-	1,718
			Concrete - Reinforcing Steel	84,249.00 SF	69,156	105,404			174,560
3090.00			Concrete - Welded Wire Mesh						
		*24	Wire Mesh- 6 x 6 x 6/6	57,861.00 sf	30,735	48,131	-	-	78,865
		*26	Wire Mesh- 6 x 6 x 4/4	27,489.00 sf	15,770	30,751	-	-	46,521
			Concrete - Welded Wire Mesh	84,249.00 SF	46,505	78,882			125,386
3092.00			Concrete - Reinforcing Accessories						
		*12	Reinforcing-Bolsters-Bricks	13,363.60 sf	3,514	1,597	-	-	5,111
		12	Reinforcing-Bolsters-Bricks	780.00 sf	205	42	-	-	247
		*32	Reinforcing-Bolsters-Chairs-On Grade	58,041.00 sf	19,076	13,874	-	-	32,950
		*52	Reinforcing-Bolsters-Chairs-On Deck	27,489.00 sf	9,035	6,571	-	-	15,606
			Concrete - Reinforcing Accessories	84,249.00 SF	31,830	22,083			53,914
3094.00			Concrete - Ready Mix Concrete						
		*40	Ready Mix Concrete-Add-Moisture Reducer	1,068.53 cy	-	94,758	-	-	94,758
			Concrete - Ready Mix Concrete	84,249.00 SF		94,758			94,758
3098.00			Concrete - Place Strip Footings						
		16	Place Strip Footings-Concrete-4000 PSI	341.64 cy	-	69,251	-	-	69,251
		24	Place Strip Footings-By Pump	341.64 cy	15,795	-	-	7,737	23,532
			Concrete - Place Strip Footings	84,249.00 SF	15,795	69,251		7,737	92,783
3100.00			Concrete - Place Spread Footings						
		12	Place Spread Footings-Concrete-3000 PSI	286.37 cy	-	48,976	-	-	48,976
		12	Place Spread Footings-Concrete-3000 PSI	11.56 cy	-	1,976	-	-	1,976
		*24	Place Spread Footings-By Pump	297.92 cy	21,809	-	-	10,682	32,491
			Concrete - Place Spread Footings	84,249.00 SF	21,809	50,953		10,682	83,443
3106.00			Concrete - Place Walls						
		*16	Place Walls-Concrete-4000 PSI	838.53 cy	-	169,969	-	-	169,969
		*24	Place Walls-By Pump	838.53 cy	36,830	-	-	18,039	54,869
			Concrete - Place Walls	84,249.00 SF	36,830	169,969		18,039	224,838
3110.00			Concrete - Place Slab On Grade						
		*14	Place Slab On Grade-Concrete-3500 PSI	714.33 cy	-	122,171	-	-	122,171
		20	Place Slab On Grade-Concrete-5000 PSI	3.33 cy	-	566	-	-	566
		22	Place Slab On Grade-By Truck	3.33 cy	120	-	-	-	120
		*24	Place Slab On Grade-By Pump	714.33 cy	26,146	-	-	12,806	38,952
			Concrete - Place Slab On Grade	84,249.00 SF	26,266	122,736		12,806	161,808
3112.00			Concrete - Place Columns						
		16	Place Columns-Concrete-4000 PSI	15.08 cy	-	3,057	-	-	3,057
		24	Place Columns-By Pump	15.08 cy	736	-	-	361	1,097
			Concrete - Place Columns	84,249.00 SF	736	3,057		361	4,154
3116.00			Concrete - Place Elevated Slabs						
		*14	Place Elevated Slab-Concrete-3500 PSI	384.89 cy	-	65,827	-	-	65,827
		*22	Place Elevated Slab-By Pump	384.89 cy	13,004	-	-	6,370	19,373
			Concrete - Place Elevated Slabs	84,249.00 SF	13,004	65,827		6,370	85,200
3122.00			Concrete - Place Equipment Bases						
		16	Place Pads-Concrete-4000 PSI	14.45 cy	-	2,928	-	-	2,928
		24	Place Pads-By Pump	14.45 cy	1,269	-	-	622	1,891
		28	Place Pads-Add-Wheeled Cart-< 150'	14.45 cy	422	-	-	43	465

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
			Concrete - Place Equipment Bases	84,249.00 SF	1,691	2,928		665	5,284
3124.00			Concrete - Place & Finish Pan Stairs						
		16	Place Stair Fill-Concrete-4000 PSI	4.45 cy	-	902	-	-	902
		22	Place Stair Fill-By Hand	481.00 sf	1,807	-	-	-	1,807
			Concrete - Place & Finish Pan Stairs	84,249.00 SF	1,807	902			2,709
3126.00			Concrete - Grout Base Plates						
		10	Grout-Non Metallic-Column Bases	37.26 cf	17,813	3,841	-	-	21,653
			Concrete - Grout Base Plates	84,249.00 SF	17,813	3,841			21,653
3128.00			Concrete - Floor Finishing						
		10	Floor Finish-Broom	180.00 sf	258	183	-	-	441
		*12	Floor Finish-Steel Trowel-Walk Behind	85,350.00 sf	81,605	-	-	6,800	88,406
		*16	Floor Finish-Float	16,970.34 sf	18,722	-	-	312	19,034
			Concrete - Floor Finishing	84,249.00 SF	100,586	183		7,112	107,881
3130.00			Concrete - Wall Finishing						
		*10	Wall Finish-Break Ties & Patch	41,713.28 sf	54,839	2,742	-	-	57,581
			Concrete - Wall Finishing	84,249.00 SF	54,839	2,742			57,581
3132.00			Concrete - Concrete Curing						
		*10	Concrete-Cure-Wet Burlap	92,475.06 sf	24,315	24,315	-	-	48,630
		12	Concrete-Cure-Spray-1 Coat	959.00 sf	140	189	-	-	329
		*16	Concrete-Cure-Blanket-Sheet Membrane	57,861.00 sf	12,678	7,607	-	-	20,285
		16	Concrete-Cure-Blanket-Sheet Membrane	481.00 sf	105	63	-	-	169
			Concrete - Concrete Curing	84,249.00 SF	37,238	32,174			69,413
3138.00			Concrete - Concrete Winter						
		10	Concrete-Winter-NIC	0.00 ls	-	-	0	-	0
			Concrete - Concrete Winter	84,249.00 SF					
			CONCRETE - BUILDING	84,249.00 SF	861,506	932,491		64,706	1,858,702
3150.00			CONCRETE - SITE						
3152.00			Concrete - Site - Formwork						
		14	Form Strip Footings-3 Use	138.00 sf	690	172	-	-	862
		14	Form Strip Footings-3 Use	70.00 sf	350	87	-	-	437
		*14	Form Strip Footings-3 Use	1,432.50 sf	7,163	1,789	-	-	8,952
		*44	Form Walls-Symons- 0' to 8' H	6,554.00 sf	37,159	9,047	-	-	46,206
		50	Form Walls-Job Built- 0' to 8' H-1 Use	1,932.00 sf	17,526	5,951	-	-	23,477
		*66	Form Walls-Liner-Wood-1 Use	3,668.00 sf	18,340	35,071	-	-	53,411
		122	Form Stairs-On Grade-Riser Length	50.00 lf	794	96	-	-	890
			Concrete - Site - Formwork	84,249.00 SF	82,021	52,214			134,235
3154.00			Concrete - Site - Reinforcing						
		*22	Steel Rebar-Footings	9,552.00 lb	5,049	9,418	-	-	14,467
		*24	Steel Rebar-Walls	15,040.00 lb	7,588	14,830	-	-	22,418
		30	Steel Rebar-Other	200.00 lb	111	197	-	-	308
			Concrete - Site - Reinforcing	84,249.00 SF	12,748	24,445			37,193
3156.00			Concrete - Site - Place Concrete						
		16	Place Strip Footings-Concrete-4000 PSI	16.90 cy	-	3,426	-	-	3,426
		16	Place Strip Footings-Concrete-4000 PSI	2.60 cy	-	527	-	-	527
		*16	Place Strip Footings-Concrete-4000 PSI	83.10 cy	-	16,844	-	-	16,844
		*22	Place Strip Footings-By Truck	102.60 cy	4,343	-	-	-	4,343
		50	Place Walls-Concrete-4000 PSI	35.78 cy	-	7,253	-	-	7,253
		50	Place Walls-Concrete-4000 PSI	6.11 cy	-	1,239	-	-	1,239
		*50	Place Walls-Concrete-4000 PSI	115.26 cy	-	23,363	-	-	23,363
		*58	Place Walls-By Pump	157.15 cy	5,775	-	-	2,829	8,604
		98	Place Stairs-Concrete-4000 PSI	1.85 cy	-	375	-	-	375
		104	Place Stairs-By Truck	1.85 cy	131	-	-	-	131
			Concrete - Site - Place Concrete	84,249.00 SF	10,249	53,026		2,829	66,104
3158.00			Concrete - Site - Finish Concrete						
		*16	Floor Finish-Float	2,805.00 sf	2,589	-	-	43	2,632
		*22	Wall Finish-Break Ties & Patch	8,486.00 sf	9,335	558	-	-	9,892
			Concrete - Site - Finish Concrete	84,249.00 SF	11,924	558		43	12,525
3160.00			Concrete - Site - Cure Concrete						
		10	Concrete-Cure-Wet Burlap	100.00 sf	22	26	-	-	48
		*12	Concrete-Cure-Spray-1 Coat	10,361.50 sf	1,266	2,043	-	-	3,310
			Concrete - Site - Cure Concrete	84,249.00 SF	1,288	2,070			3,358
			CONCRETE - SITE	84,249.00 SF	118,231	132,312		2,872	253,415
4000.00			MASONRY						
4210.00			Masonry - Brick						
		14	Brick-Veneer/Roxul 5"	17,100.00 sf	-	-	598,500	-	598,500
			Masonry - Brick	84,249.00 SF			598,500		598,500
4410.00			Stone - Cut						
		*18	Cut Stone-Granite-Veneer	4,326.00 sf	-	-	346,080	-	346,080
		22	Cut Stone-Granite-Caps	138.00 sf	-	-	16,560	-	16,560

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
			Stone - Cut	84,249.00 SF			362,640		362,640
			MASONRY	84,249.00 SF			961,140		961,140
5000.00			STEEL						
	5010.00		Steel - General						
		20	Steel-Survey-Anchor Bolts	16.00 hr	-	-	2,800	-	2,800
		120	Steel-Pads-Thermal-Per Drwgs	88.00 ea	-	-	17,600	-	17,600
		122	Steel-Pads-Thermal-Canopies	23.00 ea	-	-	4,600	-	4,600
	5100.00		Steel - General	84,249.00 SF			25,000		25,000
			Structural Steel						
		18	Structural-Steel-Columns-W Shape	45.30 tn	-	-	267,683	-	267,683
		*18	Structural-Steel-Beams-W Shape	188.74 tn	-	-	1,115,255	-	1,115,255
		*18	Structural-Steel-Columns-W Shape	11.47 tn	-	-	67,770	-	67,770
		20	Structural-Steel-Colums-HSS	10.20 tn	-	-	67,806	-	67,806
		24	Structural-Steel-Braces-HSS	6.96 tn	-	-	46,267	-	46,267
		26	Structural-Steel-Roof-Screen-Galv	7.66 tn	-	-	73,552	-	73,552
		26	Structural-Steel-Roof Dunnage	4.52 tn	-	-	43,401	-	43,401
		30	Structural-Steel-Angles-Roof Edge	29.06 tn	-	-	171,715	-	171,715
		48	Structural-Openings-Frames-Small	12.00 ea	-	-	8,863	-	8,863
		50	Structural-Openings-Frames-Medium	10.00 ea	-	-	11,818	-	11,818
		62	Structural-Floor Deck-2.00" x 20 Ga	25,468.00 sf	-	-	282,169	-	282,169
		*74	Structural-Roof Deck-3.00" x 22 Ga	61,927.00 sf	-	-	548,888	-	548,888
			Structural Steel	84,249.00 SF			2,705,188		2,705,188
			STEEL	84,249.00 SF			2,730,188		2,730,188
5500.00			METAL FABRICATIONS						
	5510.00		Misc. Metals - Interior						
		22	Metals-Stair-Pan Type-Guard Rail-54" W	24.00 rs	-	-	24,000	-	24,000
		22	Metals-Stair-Pan Type-Guard Rail-48" W	24.00 rs	-	-	24,000	-	24,000
		22	Metals-Stair-Pan Type-Guard Rail-54" W	26.00 rs	-	-	26,000	-	26,000
		*28	Metals-Stair-Pan Type-Landings	160.00 sf	-	-	20,000	-	20,000
		94	Metals-Grating-Sump-Pit-Elevator	4.00 ea	660	1,800	-	-	2,460
		108	Metals-Embed-Angle-Steel-Galv-OHD	20.00 lf	275	990	-	-	1,265
		124	Metals-Steel-Tube-Elevator-Rail-Supports	5,800.00 lb	3,698	19,140	-	1,088	23,925
		130	Metals-Steel-W Shape-Support-Folding Partition	1,050.00 lb	1,530	3,465	-	450	5,445
		132	Metals-Steel-Channel-Frame-Galv-OHD	3,080.00 lb	2,618	11,858	-	1,540	16,016
		134	Metals-Steel-Angle-Sills-Elevator	1,600.00 lb	1,632	5,280	-	480	7,392
			Misc. Metals - Interior	84,249.00 SF	10,413	42,533	94,000	3,558	150,503
	5520.00		Misc. Metals - Exterior						
		34	Metals-Rail-Wall Mtd-1 Line-Steel-Galv	185.00 lf	3,083	8,325	-	-	11,408
		44	Metals-Rail-Guard-8 Line-Steel-Galv	50.00 lf	2,500	11,000	-	750	14,250
		46	Metals-Rail-Guard-Picket-Steel-Galv	58.00 lf	1,450	14,500	-	-	15,950
		60	Metals-Access-HVAC-Rooftop-AHU	80.00 lf	5,000	23,000	-	3,000	31,000
			Misc. Metals - Exterior	84,249.00 SF	12,033	56,825		3,750	72,608
	5530.00		Misc. Metals - Specialty						
		30	Metals-Steel-Support-Vanities	39.00 lf	2,786	6,435	-	390	9,611
		36	Metals-Steel-Support-OH Booms-In Steris	0.00 ea	0	0	-	0	0
		42	Metals-Steel-Support-Tilt Partitions	19.00 ea	16,625	20,900	-	2,660	40,185
			Misc. Metals - Specialty	84,249.00 SF	19,411	27,335		3,050	49,796
	5700.00		Ornamental Metals						
		*26	Om. Metals-Column Cover-Alum-Round	90.00 vf	5,400	20,250	-	-	25,650
			Ornamental Metals	84,249.00 SF	5,400	20,250			25,650
			METAL FABRICATIONS	84,249.00 SF	47,257	146,943	94,000	10,358	298,557
6000.00			ROUGH CARPENTRY						
	6104.00		Blocking & Strapping						
		*22	Blocking-Int-To Steel-2 x 6-FT	4,261.00 lf	16,304	14,061	-	-	30,365
		42	Blocking-Int-To Steel-2 x 6-PT	1,640.00 lf	6,560	4,059	-	-	10,619
		44	Blocking-Int-To Steel-2 x 8-PT	1,640.00 lf	6,560	5,398	-	-	11,958
		172	Blocking-Roof-To Steel-2 x 6-PT	912.00 lf	3,648	2,257	-	-	5,905
		174	Blocking-Roof-To Steel-2 x 8-PT	2,906.00 lf	11,624	9,566	-	-	21,190
		340	Blocking-PWD-FT-1/2"	1,688.00 sf	4,220	4,932	-	-	9,152
		344	Blocking-PWD-FT-3/4"-Backers	704.00 sf	2,640	2,662	-	-	5,302
			Blocking & Strapping	84,249.00 SF	51,556	42,936			94,492
	6138.00		Heavy Timber						
		14	Heavy Timber-Entry Roof-Beams-Exposed	1,920.00 bf	-	-	67,200	-	67,200
			Heavy Timber	84,249.00 SF			67,200		67,200
	6190.00		Fasteners						
		18	Fastener-Materials	1.00 ls	-	1,000	-	-	1,000
		20	Fastener-Rough Hardware	1.00 ls	-	500	-	-	500
			Fasteners	84,249.00 SF		1,500			1,500
	6199.00		Rough Carpentry - Misc						

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
	6199.00		Rough Carpentry - Misc						
		70	R Carp-Small Tools	10.00 wk	-	1,500	-	-	1,500
		112	R Carp-Matrl Handling-Unload & Stock	1.00 ls	2,000	-	-	-	2,000
			Rough Carpentry - Misc	84,249.00 SF	2,000	1,500			3,500
			ROUGH CARPENTRY	84,249.00 SF	53,556	45,936	67,200		166,692
6200.00			FINISH CARPENTRY						
	6224.00		Interior Trim - Boards & Mouldings						
		16	Int Trim-Moulding-Chair Rail	740.00 lf	4,810	13,320	-	-	18,130
			Interior Trim - Boards & Mouldings	84,249.00 SF	4,810	13,320			18,130
	6228.00		Interior Trim - Panels						
		28	Int Trim-Panels-PWD-Hardwood-To 4' H	1,688.00 sf	10,972	40,512	-	-	51,484
			Interior Trim - Panels	84,249.00 SF	10,972	40,512			51,484
			FINISH CARPENTRY	84,249.00 SF	15,782	53,832			69,614
6400.00			ARCHITECTURAL MILLWORK						
	6410.00		Architectural Millwork - General						
		22	Millwork-Shops & Delivery	1.00 ls	-	27,500	-	-	27,500
		30	Millwork-Unload & Stock	1.00 ls	4,500	-	-	-	4,500
		70	Millwork-Cabinet-PLM-Base	430.00 lf	20,963	129,000	-	-	149,963
		72	Millwork-Cabinet-PLM-Wall-Drs	438.00 lf	11,388	87,600	-	-	98,988
		*80	Millwork-Cabinet-PLM-Locker-Bench & Cubby	196.00 lf	12,740	78,400	-	-	91,140
		*92	Millwork-Cabinet-PLM-Counter-Work	37.00 lf	1,203	9,250	-	-	10,453
		94	Millwork-Cabinet-PLM-Check In	24.00 lf	2,340	12,000	-	-	14,340
			Architectural Millwork - General	84,249.00 SF	53,133	343,750			396,883
	6430.00		Solid Surface Fabrications						
		22	Solid Surface-Countertops	1,090.00 sf	-	-	92,650	-	92,650
		42	Solid Surface-Panels-Wall	384.00 sf	-	-	32,640	-	32,640
		60	Solid Surface-Sills-Window-12" W	258.00 sf	-	-	21,930	-	21,930
			Solid Surface Fabrications	84,249.00 SF			147,220		147,220
	6440.00		Plastic Fabrications						
		16	Plastic Fab-Millwork-Resin Panels	500.00 sf	4,063	50,000	-	-	54,063
			Plastic Fabrications	84,249.00 SF	4,063	50,000			54,063
	6450.00		Panels & Wainscots						
		20	Panels-FRP-Sheets-Std-0.090"- 4' x 8'	18,552.00 sf	53,144	251,189	-	-	304,334
		24	Panels-FRP-Trim-All-10' L	6,958.00 lf	24,915	18,636	-	-	43,551
		54	Panels-Head Walls-PLM-12" H	487.00 lf	6,331	28,003	-	-	34,334
			Panels & Wainscots	84,249.00 SF	84,390	297,828			382,218
	6499.00		Architectural Millwork - Misc						
		28	Millwork-Small Tools	10.00 wk	-	1,500	-	-	1,500
		52	Millwork-Matrl Handling-Unload & Stock	1.00 ls	5,500	-	-	-	5,500
			Architectural Millwork - Misc	84,249.00 SF	5,500	1,500			7,000
			ARCHITECTURAL MILLWORK	84,249.00 SF	147,086	693,078	147,220		987,384
7000.00			THERMAL & MOISTURE						
	7012.00		Waterproofing						
		32	Waterproofing-Vertical-Fluid Applied	8,755.00 sf	-	-	52,530	-	52,530
		60	Waterproofing-Pits-Crystalline	672.00 sf	-	-	6,720	-	6,720
			Waterproofing	84,249.00 SF			59,250		59,250
	7014.00		Damproofing						
		20	Damproofing-Brush On-1 Coat	9,540.00 sf	7,950	6,296	-	-	14,246
			Damproofing	84,249.00 SF	7,950	6,296			14,246
	7020.00		Air & Vapor Barriers						
		16	AV Barriers-Building-Air Seal-To Code	84,249.00 sf	20,220	4,212	-	-	24,432
		*64	AV Barriers-AVB-Spray On	28,870.00 sf	-	-	173,220	-	173,220
		84	AV Barriers-Flashings-Membrane- 9"	1,884.00 lf	3,454	1,809	-	1,570	6,833
			Air & Vapor Barriers	84,249.00 SF	23,674	6,021	173,220	1,570	204,485
	7100.00		Fireproofing						
		22	Fireproofing-Cementitious-Steel & Decks	168,498.00 sf	-	-	421,245	-	421,245
		34	Fireproofing-Intumescent-Steel-Columns-Lobby	1,080.00 sf	-	-	27,000	-	27,000
			Fireproofing	84,249.00 SF			448,245		448,245
			THERMAL & MOISTURE	84,249.00 SF	31,624	12,317	680,715	1,570	726,226
7200.00			INSULATION						
	7220.00		Insulation - Building - Rigid - Foundations						
		24	Rigid-Horiz-25-Polystyrene- 2.00"	2,490.00 sf	1,370	3,595	-	-	4,964
		34	Rigid-Vertl-25-Polystyrene- 2.00"	9,540.00 sf	9,370	13,773	-	-	23,143
			Insulation - Building - Rigid - Foundations	84,249.00 SF	10,739	17,368			28,107
			INSULATION	84,249.00 SF	10,739	17,368			28,107
7400.00			SIDING & SHINGLES						
	7442.00		Siding - Metal						
		58	Siding-Metal-ACM-Alpolic	7,284.00 sf	-	-	473,460	-	473,460
			Siding - Metal	84,249.00 SF			473,460		473,460

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
			SIDING & SHINGLES	84,249.00 SF			473,460		473,460
7500.00			ROOFING						
	7528.00		Roofing - Membrane						
		84	Roofing-Memb-SF-TPO-Fastened	62,122.00 sf	-	-	173,942	-	173,942
		92	Roofing-Memb-SF-Insulate-Flat-2.00"	3,351.00 sf	-	-	6,032	-	6,032
		94	Roofing-Memb-SF-Insulate-Flat-3.00"	58,771.00 sf	-	-	155,743	-	155,743
		96	Roofing-Memb-SF-Insulate-Flat-4.00"	58,771.00 sf	-	-	204,523	-	204,523
		102	Roofing-Memb-SF-Insulate-Taper-Per Inch	21,933.00 sf	-	-	21,933	-	21,933
		104	Roofing-Memb-SF-Vapor Barrier	58,771.00 sf	-	-	117,542	-	117,542
		108	Roofing-Memb-SF-Cover Board	58,771.00 sf	-	-	146,928	-	146,928
		114	Roofing-Memb-SF-Flashings-Roof Drains	17.00 ea	-	-	4,250	-	4,250
		118	Roofing-Memb-SF-Flashings-RTU	490.00 lf	-	-	12,250	-	12,250
		122	Roofing-Memb-SF-Flashings-Facia- 6"	1,898.00 lf	-	-	47,450	-	47,450
		138	Roofing-Memb-SF-Walkways-Pads	981.00 sf	-	-	9,810	-	9,810
	7899.00		Roofing - Membrane	84,249.00 SF			900,402		900,402
			Roofing - Misc						
		14	Roofing-Screen-HVAC-Louver- 8' H	3,848.00 sf	21,164	115,440	-	16,033	152,637
			Roofing - Misc	84,249.00 SF	21,164	115,440		16,033	152,637
			ROOFING	84,249.00 SF	21,164	115,440	900,402	16,033	1,053,039
7900.00			SEALANTS & CAULKING						
	7920.00		Sealants & Caulking						
		32	Sealants-Exterior-Backer Rod-0.50"	930.00 lf	1,395	46	-	581	2,022
		42	Sealants-Exterior-Joint- 0.50" x 0.50"	930.00 lf	2,146	389	-	894	3,429
		62	Sealants-Interior-Backer Rod-0.50"	1,884.00 lf	2,826	93	-	-	2,919
		72	Sealants-Interior-Joint- 0.50" x 0.50"	1,884.00 lf	4,348	791	-	-	5,139
		*80	Sealants-Interior-Slab Joint-To 0.25" x 1.00"	5,786.00 lf	12,399	3,802	-	-	16,201
	7922.00		Sealants & Caulking	84,249.00 SF	23,113	5,122		1,475	29,710
			Firestopping						
		62	Firestopping-Wall Tops-GWB	2,770.00 lf	19,044	47,229	-	2,597	68,869
			Firestopping	84,249.00 SF	19,044	47,229		2,597	68,869
			SEALANTS & CAULKING	84,249.00 SF	42,157	52,350		4,072	98,580
8000.00			DOORS & FRAMES						
	8010.00		Doors & Frames - General						
		10	Doors-Materials-Estimate-Kelley Bros.	1.00 ls	-	-	-	-	0
	8110.00		Doors & Frames - General	84,249.00 SF					
			Hollow Metal - Doors						
		20	Hollow Metal-Door-To 4070	74.00 ea	10,029	29,410	-	-	39,439
	8120.00		Hollow Metal - Doors	84,249.00 SF	10,029	29,410			39,439
			Hollow Metal - Frames						
		14	Hollow Metal-Frames-3070/6070	195.00 ea	11,700	87,448	-	-	99,148
		60	Hollow Metal-Frame-Unload & Stock	195.00 ea	1,625	-	-	-	1,625
	8210.00		Hollow Metal - Frames	84,249.00 SF	13,325	87,448			100,773
			Wood Doors						
		14	Wood Doors-SC-To 4070-PLM/WV-Prefinished	159.00 ea	21,549	348,456	-	-	370,005
		72	Wood Doors-SC-Unload & Stock	159.00 ea	4,490	-	-	-	4,490
			Wood Doors	84,249.00 SF	26,039	348,456			374,495
			DOORS & FRAMES	84,249.00 SF	49,393	465,314			514,707
8300.00			SPECIAL DOORS						
	8310.00		Access Doors						
		22	Access-Doors-Panel-DW-16 x 16-NFR	130.00 ea	7,800	13,000	-	-	20,800
		26	Access-Doors-Panel-DW-24 x 24-NFR	63.00 ea	3,780	14,175	-	-	17,955
	8330.00		Access Doors	84,249.00 SF	11,580	27,175			38,755
			Coiling Doors						
		20	Coiling Door-Steel-Insulated-6070-Motor	2.00 ea	-	-	10,500	-	10,500
		20	Coiling Door-Steel-Insulated-8888-Motor	2.00 ea	-	-	18,750	-	18,750
	8350.00		Coiling Doors	84,249.00 SF			29,250		29,250
			Folding Doors						
		44	Folding Doors-Operable Partitions-Hufcor	290.00 sf	-	-	29,000	-	29,000
	8370.00		Folding Doors	84,249.00 SF			29,000		29,000
			Glass Doors						
		82	Glass Doors-Alum-Sliders-8674	8.00 ea	-	-	64,000	-	64,000
			Glass Doors	84,249.00 SF			64,000		64,000
			SPECIAL DOORS	84,249.00 SF	11,580	27,175	122,250		161,005
8400.00			STOREFRONT & WINDOWS						
	8410.00		Aluminum Entrances & Storefronts						
		24	Alum Storefront-Interior-To 7' H-Security	315.00 sf	-	-	20,475	-	20,475
	8425.00		Aluminum Entrances & Storefronts	84,249.00 SF			20,475		20,475
			Automatic Entry Doors						
		30	Auto Doors-Entry-8070-Full Glass	4.00 ea	-	-	76,800	-	76,800

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
			Automatic Entry Doors	84,249.00 SF			76,800		76,800
			STOREFRONT & WINDOWS	84,249.00 SF			97,275		97,275
8500.00			WINDOWS						
	8520.00		Windows - Aluminum						
		18	Windows-Alum-Interior-Observation-OR- 4' x 4'	8.00 ea	-	-	32,000	-	32,000
			Windows - Aluminum	84,249.00 SF			32,000		32,000
			WINDOWS	84,249.00 SF			32,000		32,000
8700.00			DOOR HARDWARE						
	8702.00		Door Hardware - General						
		14	Door/Automatic Hardware-By Leaf	233.00 ea	102,631	840,403	-	-	943,034
			Door Hardware - General	84,249.00 SF	102,631	840,403			943,034
			DOOR HARDWARE	84,249.00 SF	102,631	840,403			943,034
8800.00			GLASS & GLAZING						
	8810.00		Glass & Glazing						
		14	Glass & Glazing-Doors	800.00 sf	-	-	32,000	-	32,000
		84	Glass & Glazing-Window-Sliding-Transaction	24.00 sf	-	-	1,800	-	1,800
		86	Glass & Glazing-Window-Sliding-Service	72.00 sf	-	-	5,400	-	5,400
			Glass & Glazing	84,249.00 SF			39,200		39,200
	8820.00		Glass Films						
		*26	Glass Film-Security-Bullet Resistant	387.00 sf	-	-	29,025	-	29,025
			Glass Films	84,249.00 SF			29,025		29,025
			GLASS & GLAZING	84,249.00 SF			68,225		68,225
8900.00			GLAZED CURTAIN WALLS						
	8910.00		Glazed Curtain Walls						
		10	Curtainwall/Storefront-Design Assist-Precon	1.00 ls	-	-	25,000	-	25,000
		12	Curtainwall/Storefront-Mobilize	1.00 ls	-	-	2,000	-	2,000
		14	Curtainwall/Storefront-Lifts/Hoisting	1.00 ls	-	-	10,000	-	10,000
		20	Curtainwall/Storefront-Glass-Curtain Wall	2,221.00 sf	-	-	200,245	-	200,245
		22	Curtainwall/Storefront-Glass-Storefront/Windows	1,502.00 sf	-	-	93,124	-	93,124
		24	Curtainwall/Storefront-Glass-Caulking	1.00 ls	-	-	11,490	-	11,490
		----	Curtainwall/Storefront-Glass-Flashings	1.00 ls	-	-	12,000	-	12,000
		----	Curtainwall/Storefront-Bond/Contingency-Fee	1.00 ls	-	-	63,673	-	63,673
			Glazed Curtain Walls	84,249.00 SF			417,532		417,532
			GLAZED CURTAIN WALLS	84,249.00 SF			417,532		417,532
9250.00			GYPSUM WALLBOARD						
	9252.00		Gypsum Wallboard - General						
		32	Gypsum-Boom Lift-To 40' H	260.00 hr	-	2,600	-	4,160	6,760
		*62	Gypsum-Field Foreman	41.00 wk	123,000	-	-	-	123,000
		*70	Gypsum-Small Tools	41.00 wk	-	6,150	-	-	6,150
		110	Gypsum-Add-Engineered Shop Drawings	1.00 ls	-	20,000	-	-	20,000
		112	Gypsum-Scissor Lift-Elec-To 19' H	2,224.00 hr	-	-	-	11,120	11,120
		118	Gypsum-Scissor Lift-RT-To 27' H	260.00 hr	-	2,600	-	1,820	4,420
			Gypsum Wallboard - General	84,249.00 SF	123,000	31,350		17,100	171,450
	9254.00		Metal Framing - Load Bearing						
		*30	LGMF-Track-Std- 600 x 16 Ga	4,638.00 lf	-	17,856	-	-	17,856
		32	LGMF-Track-Std- 600 x 18 Ga	846.00 lf	-	2,327	-	-	2,327
		*66	LGMF-Track-Deep- 600 x 16 Ga	1,863.00 lf	-	7,992	-	-	7,992
		*110	LGMF-Stud-CSJ- 600 x 16 Ga	25,631.50 lf	-	109,959	-	-	109,959
		112	LGMF-Stud-CSJ- 600 x 18 Ga	2,546.00 lf	-	8,962	-	-	8,962
		164	LGMF-Stud-CSW- 800 x 16 Ga	16.00 lf	-	93	-	-	93
		*174	LGMF-Stud-CSW-1000 x 16 Ga	1,640.00 lf	-	10,824	-	-	10,824
		*190	LGMF-CR Bridging-Clip Angles	3,796.50 ea	8,859	4,594	-	-	13,452
		*192	LGMF-CR Bridging-Clip Channel-16 Ga	5,050.00 lf	5,438	5,000	-	-	10,438
		196	LGMF-Flat Stock- 2.00" x 20 Ga	26,478.00 lf	24,713	7,281	-	-	31,994
		*202	LGMF-Fastener-Shots & Pins	41,082.00 ea	-	40,671	-	-	40,671
		*204	LGMF-Sill Seal-Standard	2,742.00 lf	1,919	332	-	-	2,251
		*260	LGMF-Labor-Wall- 600 x 16 Ga x 16" o.c.	25,222.00 sf	86,175	-	-	-	86,175
		*266	LGMF-Labor-Wall- 600 x 18 Ga x 16" o.c.	5,208.00 sf	17,794	-	-	-	17,794
		460	LGMF-Labor-Add-Work-Frame-Ceilings-Ext	3,384.00 sf	5,781	-	-	-	5,781
		460	LGMF-Labor-Add-Work-Frame-Canopy-Face	1,824.00 sf	3,116	-	-	-	3,116
			Metal Framing - Load Bearing	84,249.00 SF	153,795	215,891			369,686
	9256.00		Metal Framing - Non Load Bearing						
		*38	LGMF-Track- 358 x 20 Ga	18,108.00 lf	-	23,903	-	-	23,903
		46	LGMF-Track- 600 x 20 Ga	8,960.00 lf	-	16,755	-	-	16,755
		60	LGMF-Track-Deep- 358 x 18 Ga	4,596.00 lf	-	24,267	-	-	24,267
		66	LGMF-Track-Deep- 600 x 20 Ga	4,480.00 lf	-	15,375	-	-	15,375
		*88	LGMF-Stud- 358 x 20 Ga	96,235.50 lf	-	101,625	-	-	101,625

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
	9256.00		Metal Framing - Non Load Bearing						
		96	LGMF-Stud- 600 x 20 Ga	69,574.50 lf	-	107,145	-	-	107,145
		*180	LGMF-Labor-Wall- 358 x 16" o.c.	85,226.00 sf	242,657	-	-	-	242,657
		186	LGMF-Labor-Wall- 600 x 16" o.c.	63,270.00 sf	180,144	-	-	-	180,144
			Metal Framing - Non Load Bearing	84,249.00 SF	422,801	289,069			711,871
	9258.00		Ceiling Suspension Systems						
		20	GWBC-Suspension Grid-650 Type	15,517.00 sf	-	-	50,430	-	50,430
			Ceiling Suspension Systems	84,249.00 SF			50,430		50,430
	9260.00		Gypsum Wallboard						
		20	GWB-Hung-High Impact-5/8"	5,166.00 sf	6,380	4,432	-	-	10,812
		24	GWB-Hung-Cement Board-5/8"	3,158.00 sf	9,248	4,968	-	-	14,216
		*30	GWB-Hung-Firecode-5/8"-Type X	25,222.00 sf	29,546	15,148	-	-	44,694
		*30	GWB-Hung-Firecode-5/8"-Type X	267,870.00 sf	313,791	247,512	-	-	561,302
		*30	GWB-Hung-Firecode-5/8"-Type X	51,181.00 sf	59,955	30,739	-	-	90,694
		*64	GWB-Hung-Shaft Liner-1"	5,088.00 sf	8,149	8,429	-	-	16,578
		68	GWB-Hung-Sheathing-5/8"-DensGlass	4,732.00 sf	5,543	6,908	-	-	12,451
		68	GWB-Hung-Sheathing-5/8"-DensGlass	18,630.00 sf	21,824	27,195	-	-	49,019
		*68	GWB-Hung-Sheathing-5/8"-DensGlass	1,860.00 sf	2,179	2,715	-	-	4,894
		68	GWB-Hung-Sheathing-5/8"-DensGlass	3,648.00 sf	4,273	4,096	-	-	8,370
		*80	GWB-Hung-Add-Above 10' H	104,477.00 sf	52,239	-	-	-	52,239
		100	GWB-Beads-Corner	8,916.00 lf	17,832	2,359	-	-	20,191
		112	GWB-Caulk-Acoustic- 0.50" x 0.50"	34,572.00 lf	93,078	24,719	-	-	117,797
		*144	GWB-Finish Tape-Fire-1 Coat	56,120.00 sf	17,460	8,025	-	-	25,485
		*146	GWB-Finish Tape-3 Coat-Level 4 Finish	293,241.00 sf	164,215	69,190	-	-	233,405
			Gypsum Wallboard	84,249.00 SF	805,711	456,435			1,262,146
	9299.00		Gypsum Wallboard - Misc						
		62	GWB-Insul-Wall-MF- 3.50"-UF-R15	62,270.00 sf	32,380	104,115	-	-	136,496
		64	GWB-Insul-Wall-MF- 6.00"-UF-R11	62,270.00 sf	32,380	184,942	-	-	217,322
			Gypsum Wallboard - Misc	84,249.00 SF	64,761	289,057			353,818
			Gypsum Wallboard	84,249.00 SF	1,570,068	1,281,803	50,430	17,100	2,919,402
9300.00			TERRAZZO & TILE						
	9312.00		Ceramic Tile						
		34	Ceramic Tile-Floor-Porcelain	1,742.00 sf	-	-	27,872	-	27,872
		34	Ceramic Tile-Floor-Porcelain-Base	714.00 sf	-	-	11,424	-	11,424
		50	Ceramic Tile-Wall-Porcelain	3,158.00 sf	-	-	50,528	-	50,528
			Ceramic Tile	84,249.00 SF			89,824		89,824
	9340.00		Terrazzo						
		20	Terrazzo-Tile-24 x 24-Base	464.00 lf	-	-	12,064	-	12,064
		22	Terrazzo-Tile-24 x 24	2,488.00 sf	-	-	64,688	-	64,688
			Terrazzo	84,249.00 SF			76,752		76,752
			TERRAZZO & TILE	84,249.00 SF			166,576		166,576
9500.00			ACOUSTICAL TREATMENT						
	9510.00		Acoustical Ceilings						
		*30	ACT Ceilings-2 x 2-Mylar Face-Gasket	11,033.00 sf	-	-	110,330	-	110,330
		*46	ACT Ceilings-2 x 2-Fissured-Tegular	23,288.00 sf	-	-	151,372	-	151,372
		50	ACT Ceilings-2 x 4-Fissured-Tegular	12,805.00 sf	-	-	70,428	-	70,428
		76	ACT Ceilings-Metal Slat	1,122.00 sf	-	-	72,930	-	72,930
			Acoustical Ceilings	84,249.00 SF			405,060		405,060
	9516.00		Metal Ceilings						
		26	Metal Ceilings-Exterior-Metalworks	3,040.00 sf	-	-	121,600	-	121,600
			Metal Ceilings	84,249.00 SF			121,600		121,600
			ACOUSTICAL TREATMENT	84,249.00 SF			526,660		526,660
9600.00			CARPET & RESILIENT						
	9630.00		Resilient Flooring - Sheet & Tile						
		24	Floor-Resilient-Base-Rubber- 4"	12,041.00 lf	-	-	54,185	-	54,185
		34	Floor-Resilient-WVP	9,982.00 sf	-	-	84,847	-	84,847
		46	Floor-Resilient-Sheet	1,749.00 sf	-	-	14,867	-	14,867
		58	Floor-Resilient-VCT-12 x 12	3,266.00 sf	-	-	14,697	-	14,697
		64	Floor-Rubber-Tile-12 x 12	10,736.00 sf	-	-	107,360	-	107,360
		66	Floor-Stairs-Treads-Rubber	346.00 lf	-	-	5,190	-	5,190
		70	Floor-Rubber-Sheet	11,912.00 sf	-	-	142,944	-	142,944
		70	Floor-Stairs-Risers-Rubber	332.00 lf	-	-	3,818	-	3,818
			Resilient Flooring - Sheet & Tile	84,249.00 SF			427,907		427,907
	9650.00		Carpet						
		56	Floor-Carpet-Tile	1,744.00 sf	-	-	11,627	-	11,627
			Carpet	84,249.00 SF			11,627		11,627
			CARPET & RESILIENT	84,249.00 SF			439,534		439,534
9700.00			SPECIAL FLOORING						

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
	9710.00		Special Flooring - General						
		34	Floor-Concrete-Sealer	3,315.00 sf	-	-	9,945	-	9,945
			Special Flooring - General	84,249.00 SF			9,945		9,945
	9720.00		Special Flooring - Epoxy						
		44	Floor-Epoxy-Standard	8,080.00 sf	-	-	101,000	-	101,000
		44	Floor-Epoxy-Standard-Base	1,155.00 lf	-	-	14,438	-	14,438
		50	Floor-Epoxy-Hospital-OR	12,766.00 sf	-	-	459,576	-	459,576
		50	Floor-Epoxy-Hospital-OR-Base	2,957.00 lf	-	-	106,452	-	106,452
		60	Floor-Epoxy-Curb-Concrete	79.00 lf	-	-	3,950	-	3,950
			Special Flooring - Epoxy	84,249.00 SF			685,416		685,416
			SPECIAL FLOORING	84,249.00 SF			695,361		695,361
9900.00			FINISH PAINT						
	9920.00		Finish Paint - Interior						
		30	Interior Paint-Door Frames-2 Cts	201.00 ea	-	-	25,125	-	25,125
		34	Interior Paint-Dry Fall-Clgs-Steel-2 Cts	2,839.00 sf	-	-	1,845	-	1,845
		54	Interior Paint-GWB-3 Cts	236,314.00 sf	-	-	236,314	-	236,314
		66	Interior Paint-Trim-WD-< 6"	740.00 lf	-	-	1,258	-	1,258
		72	Interior Paint-WD-Exposed	1,688.00 sf	-	-	2,954	-	2,954
		78	Interior Paint-Epoxy-Water Based	53,209.00 sf	-	-	133,023	-	133,023
		82	Interior Paint-Steel-Rail-1 Line	170.00 lf	-	-	850	-	850
		88	Interior Paint-Steel-Rail-Picket	170.00 lf	-	-	2,040	-	2,040
		94	Interior Paint-Steel-Stairs-No Rails	74.00 rs	-	-	2,960	-	2,960
			Finish Paint - Interior	84,249.00 SF			406,369		406,369
			FINISH PAINT	84,249.00 SF			406,369		406,369
9950.00			WALL COVERINGS						
	9954.00		Wall Coverings						
		38	Wall Panels-OR-Altro-Whiterock	16,020.00 sf	-	-	240,300	-	240,300
			Wall Coverings	84,249.00 SF			240,300		240,300
			WALL COVERINGS	84,249.00 SF			240,300		240,300
10000.00			SPECIALTIES						
	10152.00		Hospital Cubicles & Track						
		20	Cubicle-Track-Clg Mtd	390.00 lf	2,925	5,148	-	-	8,073
		24	Cubicle-Curtains-OFOI	0.00 lf	0	0	-	-	0
			Hospital Cubicles & Track	84,249.00 SF	2,925	5,148			8,073
	10156.00		Toilet Partitions & Screens						
		26	Toilet Partitions-Stall-Plastic-Solid	11.00 ea	4,620	12,100	-	-	16,720
		26	Toilet Partitions-Stall-Plastic-Solid-Over Size	9.00 ea	3,780	12,600	-	-	16,380
		36	Toilet Partitions-Screen-Plastic-Solid	2.00 ea	240	1,300	-	-	1,540
		50	Toilet Partitions-Unload & Stock	22.00 ea	880	-	-	-	880
			Toilet Partitions & Screens	84,249.00 SF	9,520	26,000			35,520
	10200.00		Louvers & Vents						
		40	Louvers-Metal-Alum-In HVAC	0.00 sf	0	0	-	-	0
			Louvers & Vents	84,249.00 SF					
	10260.00		Wall & Corner Guards						
		28	Wall Guards-Corner-Plastic-3.0 x 3.0" x 4' L	167.00 ea	5,010	22,545	-	-	27,555
			Wall & Corner Guards	84,249.00 SF	5,010	22,545			27,555
	10400.00		Identifying Devices						
		16	Signage-Exterior-Allowance	1.00 ls	-	-	20,000	-	20,000
		60	Signage-Interior-Allowance	205.00 ea	-	-	51,250	-	51,250
			Identifying Devices	84,249.00 SF			71,250		71,250
	10500.00		Lockers						
		22	Lockers-Metal-12" x 15" x 30"	270.00 dr	12,150	56,700	-	-	68,850
		30	Lockers-PLM-12" x 15" x 30"	44.00 dr	1,980	11,660	-	-	13,640
			Lockers	84,249.00 SF	14,130	68,360			82,490
	10520.00		Fire Extinguishers & Cabinets						
		22	Fire Equip-Cabinet-Single-Steel-FE	25.00 ea	1,500	4,375	-	-	5,875
		*32	Fire Equip-Extinguisher-ABC- 10.00 Lb	28.00 ea	840	3,080	-	-	3,920
		40	Fire Equip-Knox Box-3200 Series	3.00 ea	180	1,650	-	-	1,830
			Fire Extinguishers & Cabinets	84,249.00 SF	2,520	9,105			11,625
	10600.00		Special Partitions						
		20	Special Partition-W. Wire-10 Ga-Walls	210.00 sf	1,083	4,200	-	-	5,283
		24	Special Partition-W. Wire-10 Ga-Door-3070	1.00 ea	219	550	-	-	769
			Special Partitions	84,249.00 SF	1,302	4,750			6,052
	10670.00		Storage Shelving						
		10	Shelving-High Density-Mobile-Donnegan	1.00 ls	-	-	389,700	-	389,700
		10	Shelving-Wire Rack Storage-Donnegan	1.00 ls	-	-	165,100	-	165,100
			Storage Shelving	84,249.00 SF			554,800		554,800
	10800.00		Toilet & Bath Accessories						
		60	TA-Grab Bar-SS- 1.50" x 18"	26.00 ea	936	910	-	-	1,846
		66	TA-Grab Bar-SS- 1.50" x 36"	26.00 ea	936	1,040	-	-	1,976

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
	10800.00		Toilet & Bath Accessories						
		68	TA-Grab Bar-SS- 1.50" x 42"	26.00 ea	1,248	1,300	-	-	2,548
		120	TA-Mirror-B165-24" x 36"	35.00 ea	1,575	4,375	-	-	5,950
		152	TA-Mop Strip-B223 x 36"	4.00 ea	180	480	-	-	660
		194	TA-Robe Hook-B2116	35.00 ea	525	700	-	-	1,225
			Toilet & Bath Accessories	84,249.00 SF	5,400	8,805			14,205
			SPECIALTIES	84,249.00 SF	40,807	144,713	626,050		811,570
11000.00			EQUIPMENT						
	11002.00		Equipment - General						
		10	Equipment-Design-Matrix-OFCI/CFCI/OFOI	1.00 ls	33,475	10,000	-	2,575	46,050
			Equipment - General	84,249.00 SF	33,475	10,000		2,575	46,050
	11110.00		Commercial Laundry & Dry Cleaning						
		10	Laundry Equipment-NIC	0.00 ls	-	-	0	-	0
			Commercial Laundry & Dry Cleaning	84,249.00 SF					
	11160.00		Loading Dock Equipment						
		24	Loading Dock-Bumpers-24" x 12"	4.00 ea	480	1,000	-	-	1,480
		42	Loading Dock-Leveler-In Pit-26,000 LB	2.00 ea	2,640	40,000	-	-	42,640
		48	Loading Dock-Seals-Vertical	2.00 ea	-	-	3,000	-	3,000
		50	Loading Dock-Shelter	2.00 ea	-	-	5,000	-	5,000
			Loading Dock Equipment	84,249.00 SF	3,120	41,000	8,000		52,120
	11170.00		Waste Handling Equipment						
		10	Waste Equipment-Compactors-NIC	0.00 ls	-	-	0	-	0
			Waste Handling Equipment	84,249.00 SF					
	11450.00		Residential Equipment						
		10	Residential Equip-Appliances-NIC	0.00 ls	-	-	0	-	0
			Residential Equipment	84,249.00 SF					
	11700.00		Medical Equipment						
		14	Medical Equip-OR-Ceilings-Steris-Clean Suite-W/Hepia Filters	783.00 sf	51,678	-	836,416	11,745	899,839
		22	Medical Equip-Surgical-Skytron Package-NIC	0.00 ls	-	-	0	-	0
		24	Medical Equip-Surgical-Lights-OR-NIC	0.00 ls	-	-	0	-	0
		26	Medical Equip-Surgical-Booms-OR-NIC	0.00 ls	-	-	0	-	0
		28	Medical Equip-Sterile Process-Package-Steris-NIC	0.00 ls	-	-	0	-	0
		30	Medical Equip-Scrub Sinks-Skytron-NIC	0.00 ls	-	-	0	-	0
			Medical Equipment	84,249.00 SF	51,678		836,416	11,745	899,839
			EQUIPMENT	84,249.00 SF	88,273	51,000	844,416	14,320	998,009
12000.00			FURNISHINGS						
	12100.00		Artwork						
		10	Artwork-NIC	0.00 ls	-	-	0	-	0
			Artwork	84,249.00 SF					
	12500.00		Window Treatments						
		28	Window Treatment-Shades-Mecho Type	3,715.00 sf	-	-	46,438	-	46,438
		40	Window Treatment-Add-Motorized	1,287.00 sf	-	-	19,305	-	19,305
			Window Treatments	84,249.00 SF			65,743		65,743
	12600.00		Furniture & Accessories						
		10	Furniture-Loose-NIC	0.00 ls	-	-	0	-	0
			Furniture & Accessories	84,249.00 SF					
	12810.00		Plants & Planters						
		10	Plants & Planters-NIC	0.00 ls	-	-	0	-	0
			Plants & Planters	84,249.00 SF					
			FURNISHINGS	84,249.00 SF			65,743		65,743
13000.00			SPECIAL CONSTRUCTION						
	13060.00		Special Rooms						
		24	Special Rooms-Freezer-Panels-Insulated-To 10' H	525.00 sf	-	-	23,625	-	23,625
		26	Special Rooms-Freezer-Mechanical	1.00 ls	-	-	30,000	-	30,000
			Special Rooms	84,249.00 SF			53,625		53,625
	13410.00		Liquid & Gas Storage Tanks						
		10	Tanks-Site-Oxygen-NIC	0.00 ls	-	-	0	-	0
			Liquid & Gas Storage Tanks	84,249.00 SF					
	13980.00		Solar & Wind Energy Systems						
		22	Energy-Solar-Power Systems-PV-NIC	0.00 ls	-	-	0	-	0
			Solar & Wind Energy Systems	84,249.00 SF					
			SPECIAL CONSTRUCTION	84,249.00 SF			53,625		53,625
14000.00			CONVEYING SYSTEMS						
	14220.00		Elevators - Traction						
		20	Elevator-Traction-Freight-4500 LB-OTIS	6.00 st	24,000	-	578,000	-	602,000
			Elevators - Traction	84,249.00 SF	24,000		578,000		602,000
			CONVEYING SYSTEMS	84,249.00 SF	24,000		578,000		602,000
15100.00			FIRE PROTECTION						
	15110.00		Fire Protection - Sprinkler						
		12	Sprinkler-Estimate-Flretech	84,249.00 sf	-	-	390,000	-	390,000
			Fire Protection - Sprinkler	84,249.00 SF			390,000		390,000

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
			FIRE PROTECTION	84,249.00 SF			390,000		390,000
15400.00			PLUMBING						
	15410.00		Plumbing - Estimates						
		10	Plumbing-VMI Estimate	84,249.00 sf	-	-	4,254,965	-	4,254,965
			Plumbing - Estimates	84,249.00 SF			4,254,965		4,254,965
			PLUMBING	84,249.00 SF			4,254,965		4,254,965
15500.00			HVAC SYSTEMS						
	15510.00		HVAC - Estimates						
		10	HVAC-VMI Estimate	84,249.00 sf	-	-	16,043,681	-	16,043,681
			HVAC - Estimates	84,249.00 SF			16,043,681		16,043,681
			HVAC SYSTEMS	84,249.00 SF			16,043,681		16,043,681
16100.00			ELECTRICAL SYSTEMS						
	16110.00		Electrical - Estimates						
		10	Electrical-Benoit	84,249.00 sf	-	-	10,361,343	-	10,361,343
			Electrical - Estimates	84,249.00 SF			10,361,343		10,361,343
	16113.00		Electrical - Allowances						
		10	Electrical-GMP-Transmission-Fee	1.00 ls	-	-	37,412	-	37,412
			Electrical - Allowances	84,249.00 SF			37,412		37,412
			ELECTRICAL SYSTEMS	84,249.00 SF			10,398,755		10,398,755
20100.00			ALLOWANCES						
	20110.00		Allowances						
		10	Allowance-Landscape-Entry Sign-Main	1.00 ea	-	-	50,000	-	50,000
		14	Allowance-Mockups-NIC	0.00 ls	-	-	0	-	0
		16	Allowance-Site-Utility-Connections	1.00 ls	-	-	25,000	-	25,000
			Allowances	84,249.00 SF			75,000		75,000
			ALLOWANCES	84,249.00 SF			75,000		75,000
20300.00			PRECONSTRUCTION						
	20310.00		Preconstruction						
		10	Precon-DEW-Fee-NIC	0.00 ls	-	-	0	-	0
			Preconstruction	84,249.00 SF					
			PRECONSTRUCTION	84,249.00 SF					
20400.00			DESIGN & ENGINEERING						
	20410.00		Design & Engineering						
		10	Design-A & E-NIC	0.00 ls	-	-		-	
		30	Design-A & E-Mechanical-NIC	0.00 ls	-	-		-	
		32	Design-A & E-Electrical-NIC	0.00 ls	-	-		-	
			Design & Engineering	84,249.00 SF					
			DESIGN & ENGINEERING	84,249.00 SF					
20500.00			GENERAL CONDITIONS						
	20502.00		Senior Project Manager						
		12	Senior Project Manager	70.00 wk	105,000	-	-	-	105,000
			Senior Project Manager	70.00 WK	105,000				105,000
	20504.00		Project Supervision						
		20	Project Superintendent	70.00 wk	266,000	10,500	-	27,664	304,164
		20	Project Superintendent-Assistant	49.00 wk	156,800	7,350	-	19,365	183,515
			Project Supervision	70.00 WK	422,800	17,850		47,029	487,679
	20506.00		Project Manager						
		16	Project Manager	70.00 wk	252,000	10,500	-	27,664	290,164
			Project Manager	70.00 WK	252,000	10,500		27,664	290,164
	20508.00		Project Engineer						
		16	Project Engineer	70.00 wk	165,200	-	-	27,664	192,864
		20	Project MEPF Engineer	70.00 wk	273,000	-	-	28,000	301,000
		24	Project MEPF Engineer	70.00 wk	48,160	-	-	5,533	53,693
			Project Engineer	70.00 WK	486,360			61,197	547,557
	20510.00		Project Clerical Staff						
		12	Project Assistant	70.00 wk	132,160	-	-	6,720	138,880
		20	Project Accounting	70.00 wk	28,000	-	-	1,680	29,680
			Project Clerical Staff	70.00 WK	160,160			8,400	168,560
	20520.00		Project Field Offices						
		12	Field Office-Rent & Maintain-Single-Large	16.00 mo	1,920	1,600	-	9,600	13,120
		18	Field Office-Delivery & Setup	1.00 ea	-	-	-	6,000	6,000
		22	Field Office-Equip-Copier-Small	16.00 mo	-	-	-	1,600	1,600
		34	Field Office-Equip-Desk Setups	4.00 ea	-	-	-	6,000	6,000
		36	Field Office-Equip-Supplies	16.00 mo	-	2,000	-	-	2,000
		38	Field Office-Equip-Coffee & Water	16.00 mo	-	1,600	-	-	1,600
		40	Field Office-First Aid-Supplies	16.00 mo	-	400	-	-	400
			Project Field Offices	70.00 WK	1,920	5,600		23,200	30,720
	20522.00		Project Field Offices - Temp Utilities						
		20	Field Office-Heat & Power	16.00 mo	-	2,400	-	-	2,400

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
			Project Field Offices - Temp Utilities	70.00 WK		2,400			2,400
	20526.00		Project Signage						
		14	Job Sign-Architect- 4' x 8'	1.00 ea	480	1,200	150	-	1,830
			Project Signage	70.00 WK	480	1,200	150		1,830
	20528.00		Project Administration & Meeting						
		10	Project Admin-Software-Proc	1.00 ls	-	-	20,000	-	20,000
			Project Administration & Meeting	70.00 WK			20,000		20,000
	20540.00		Building Information Modeling						
		10	BIM-Modeling	0.00 ls	-	-	0	-	0
			Building Information Modeling	70.00 WK					
	20590.00		Fee's & Permits & Taxes						
		12	Fee's-Utility-See Allowances	0.00 ls	-	-	-	-	-
		32	Permits-Building-South Burlington-Zoning-NIC	0.00 sf	-	0	-	-	0
		42	Permits-Building-South Burlington-Fire Dept	72,558.00 m	-	616,743	-	-	616,743
			Fee's & Permits & Taxes	70.00 WK		616,743			616,743
	20592.00		Insurance						
		26	Insurance-Bldrs Risk-Non Combustible	72,558.00 m	-	126,977	-	-	126,977
			Insurance	70.00 WK		126,977			126,977
	20596.00		Legal Expense						
		18	Legal-Expense	1.00 ls	-	5,000	-	-	5,000
			Legal Expense	70.00 WK		5,000			5,000
			GENERAL CONDITIONS	70.00 WK	1,428,720	786,270	20,150	167,490	2,402,629
20600.00			GENERAL REQUIREMENTS						
	20604.00		Field Foreman						
		16	Field Foreman-Ext/QA/QC	50.00 wk	130,000	-	-	-	130,000
			Field Foreman	70.00 WK	130,000				130,000
	20610.00		OSHA & Safety						
		26	OSHA & Safety-Officer	70.00 wk	49,280	2,100	-	5,320	56,700
			OSHA & Safety	70.00 WK	49,280	2,100		5,320	56,700
	20624.00		Temporary Phone & Communications						
		10	Temp Phone-Hookup	1.00 ea	-	-	350	-	350
		14	Temp Phone-Long Distance-1 Line	16.00 mo	-	12,000	-	-	12,000
		16	Temp Phone-Cellular-1 Line	16.00 mo	-	1,200	-	-	1,200
		20	Temp Phone-Internet Service	16.00 mo	-	1,200	-	-	1,200
			Temporary Phone & Communications	70.00 WK		14,400	350		14,750
	20626.00		Temporary Electrical Services						
		20	Temp Electric-Hookup	1.00 ls	-	-	500	-	500
		22	Temp Electric-Shell	8.00 mo	-	4,800	-	-	4,800
		28	Temp Electric-Closed In	673,992.00 sm	-	33,700	-	-	33,700
			Temporary Electrical Services	70.00 WK		38,500	500		39,000
	20632.00		Temporary Water						
		16	Temp Water-To Build	16.00 mo	-	1,600	-	-	1,600
		18	Temp Water-Drinking	16.00 mo	-	1,600	-	-	1,600
			Temporary Water	70.00 WK		3,200			3,200
	20636.00		Temporary Toilets						
		*18	Temporary Toilet-Rent-5 Each	32.00 mo	-	19,200	-	-	19,200
			Temporary Toilets	70.00 WK		19,200			19,200
	20640.00		Temporary Storage						
		12	Field Storage-Connex Box-Rental	30.00 mo	-	3,750	-	-	3,750
		14	Field Storage-Deliver & Set	2.00 ea	960	300	500	-	1,760
			Temporary Storage	70.00 WK	960	4,050	500		5,510
	20646.00		Temporary Barriers & Fences						
		52	Temp Fence-Chain Link-To 6' H	1,000.00 lf	-	-	8,000	-	8,000
		58	Temp Fence-Chain Link-Gate-Truck	2.00 ea	-	-	1,000	-	1,000
			Temporary Barriers & Fences	70.00 WK			9,000		9,000
	20654.00		Debris Control						
		20	Debris-Dumpster-30 Cuyd C & D	65.00 bx	-	48,750	-	-	48,750
			Debris Control	70.00 WK		48,750			48,750
	20656.00		Project Cleanup						
		22	Job Cleanup-Daily	59.00 wk	42,480	1,475	-	-	43,955
			Project Cleanup	70.00 WK	42,480	1,475			43,955
	20658.00		Project Closeout & Punchlist						
		12	Closeout-Punchlist	1.00 ls	-	-	10,000	-	10,000
		40	Closeout-Final Clean-Wash & Wax	74,849.00 sf	-	-	29,940	-	29,940
		42	Closeout-Final Clean-Concrete-Broom	9,400.00 sf	2,350	188	-	-	2,538
		44	Closeout-Final Clean-Glass-2 Sides	8,252.00 sf	1,857	124	-	619	2,599
			Project Closeout & Punchlist	70.00 WK	4,207	312	39,940	619	45,077
	20670.00		Winter Conditions - Temporary Heat						
		30	Winter-Heat-Shell-Insulated	27,240,708.00 cfw	14,982	249,252	-	29,965	294,200
			Winter Conditions - Temporary Heat	70.00 WK	14,982	249,252		29,965	294,200
	20672.00		Winter Conditions - Protection						
		20	Winter-Protection-Cover-Stick & Poly	3,969.00 sf	2,646	2,381	-	662	5,689

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
			Winter Conditions - Protection	70.00 WK	2,646	2,381		662	5,689
20674.00			Winter Conditions - Snow Removal						
		12	Winter-Snow-Removal	5.00 mo	5,000	1,500	5,000	-	11,500
			Winter Conditions - Snow Removal	70.00 WK	5,000	1,500	5,000		11,500
20682.00			Equipment - Material Handling & Unloading						
		36	Material Handling-Forklift- 6000#-36' Boom	34.00 wk	48,960	13,600	6,800	21,760	91,120
			Equipment - Material Handling & Unloading	70.00 WK	48,960	13,600	6,800	21,760	91,120
20688.00			Field Quality Testing						
		30	Testing-Field Quality-NIC	1.00 ls	-	-	0	-	0
			Field Quality Testing	70.00 WK					
20696.00			Office Expense						
		20	Office Expense-General Supplies	70.00 wk	-	1,750	-	-	1,750
		22	Office Expense-Courier & Mailing	70.00 wk	-	3,500	-	-	3,500
		24	Office Expense-Blueprints-Misc	1.00 ls	-	2,500	-	-	2,500
			Office Expense	70.00 WK		7,750			7,750
			GENERAL REQUIREMENTS	70.00 WK	298,515	406,470	62,090	58,325	825,400
20700.00			SPECIAL PROJECT REQUIREMENTS						
20730.00			Green Construction						
		32	Green Construction-LEEDs-Silver	1.00 ls	-	-	-	-	-
		32	LEEDS-Consultant-NIC	0.00 ls	-	-	-	-	-
		34	Green Construction-LEEDS	1.00 ls	10,000	-	-	-	10,000
			Green Construction	70.00 WK	10,000				10,000
20740.00			Commissioning						
		12	Commissioning-Building-NIC	0.00 ls	-	-	-	-	-
			Commissioning	70.00 WK					
			SPECIAL PROJECT REQUIREMENTS	70.00 WK	10,000				10,000

Estimate Totals

Description	Amount	Totals	Rate
	59,133,689	59,133,689	
Vermont State Tax-NIC			
Design Contingency	4,730,695		8.000 %
Estimate/Bidding Contingency	4,730,695		8.000 %
Construction Contingency	1,478,342		2.500 %
	10,939,732	70,073,421	
P & P Bond-NIC			
Sub Bonds/SDI	663,614		1.500 %
Warranty & Warehouse	141,474		0.200 %
General Liability	326,511		0.450 %
	1,131,599	71,205,020	
CM Fee	1,352,895		1.900 %
	1,352,895	72,557,915	
Total		72,557,915	861.232 /SF

	W	X	Y	Z	AA	AB	AC	AD	AE
41	Financial Statements								
42	UVMCM								
43	UVMHN FY23 FRAMEWORK REFRESH								
44	Last Calc: N/A								
45	Financial Planning Year:								
46	<i>User Filter: Consolidated</i>			Projection Years					
47		2021	2022	2023	2024	2025	2026	2027	
48									
49	Income Statement								
50									
51	Patient Revenue								
52	Inpatient Services	\$1,059,326	\$1,202,991	\$1,298,943	\$1,363,890	\$1,418,446	\$1,475,184	\$1,526,815	
53	Outpatient Services	2,024,420	2,380,361	2,674,835	2,836,664	2,979,632	3,151,514	3,317,354	
54	Gross Patient Revenue	3,083,746	3,583,352	3,973,778	4,200,554	4,398,078	4,626,698	4,844,169	
55									
56	Deductions from Patient Revenue								
57	Contractual Discounts	1,737,416	2,031,151	2,245,369	2,373,548	2,485,239	2,614,484	2,737,455	
58	Bad Debt	25,406	36,637	44,613	47,166	49,391	51,955	54,393	
59	Provision for Charity	13,208	18,101	25,068	26,501	27,750	29,191	30,561	
60	Total Deductions from Revenue	1,776,030	2,085,889	2,315,049	2,447,215	2,562,380	2,695,630	2,822,410	
61									
62	Net Patient Revenue	1,307,716	1,497,463	1,658,729	1,753,340	1,835,698	1,931,068	2,021,759	
63									
64	Other Operating Revenue	301,057	328,164	332,687	377,447	390,265	403,595	415,726	
65									
66	Total Operating Revenue	1,608,773	1,825,627	1,991,416	2,130,786	2,225,962	2,334,663	2,437,485	
67									
68	Operating Expenses								
69	Salaries and Wages	701,005	836,732	887,758	930,778	958,189	994,716	1,026,183	
70	Employee Benefits	168,312	178,159	194,799	211,370	222,690	233,653	242,110	
71	Professional Fees	41,169	44,778	28,056	28,134	28,212	28,320	28,430	
72	Supplies	293,372	352,505	383,275	408,787	436,042	466,699	499,581	
73	Purchased Services	62,144	85,756	67,828	69,974	72,188	74,575	77,044	
74	Depreciation & Amortization	62,290	68,233	64,774	71,954	75,136	76,367	77,637	
75	Interest	15,972	16,144	16,283	19,904	23,158	22,634	22,110	
76	Other Expense	227,956	266,049	292,914	308,682	323,317	343,618	356,870	
77									
78	Total Operating Expenses	1,572,220	1,848,356	1,935,687	2,049,583	2,138,933	2,240,581	2,329,966	
79									
80	Excess of Revenue over Expenses from	36,553	(22,729)	55,729	81,204	87,029	94,082	107,519	
81		2.27%	-1.24%	2.80%	3.81%	3.91%	4.03%	4.41%	
82									
83	Non-Operating Revenue								
84	Investment Income	0	0	0	26,099	28,919	31,342	35,009	
87	Other NonOperating	83,241	(154,169)	16,896	0	0	0	0	
88									
89	Net Non-Operating Revenue	83,241	(154,169)	16,896	26,099	28,919	31,342	35,009	
90									
91	Excess of Revenue over Expenses	119,794	(176,898)	72,625	107,302	115,948	125,423	142,528	
92	Before Extraordinary Items								
95									
96	Excess of Revenue over Expenses	119,794	(176,898)	72,625	107,302	115,948	125,423	142,528	

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41	Financial Statements								
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44	Last Calc: N/A								
45	Financial Planning Year:								
46	User Filter: Consolidated			Projection Years					
47		2021	2022	2023	2024	2025	2026	2027	
97									
98	Balance Sheet								
99									
100	Assets								
101									
102	Current Assets								
103	Cash	\$139,797	\$127,854	\$132,833	\$140,618	\$146,843	\$154,240	\$160,704	
104	Total Current Portion Assets Lmted. ATU	3,930	3,112	3,112	3,112	3,112	3,112	3,112	
105	Patient Accounts Receivable, Net	188,037	179,658	199,535	210,757	220,489	232,023	243,007	
106	Due From Related Parties	38,887	48,249	48,458	51,106	53,387	56,020	58,506	
107	Inventory	53,742	58,162	63,550	67,760	72,256	77,329	82,771	
108	Prepaid Expenses	30,591	34,471	35,825	37,862	39,482	41,511	43,285	
109	Other Current Assets	12,411	10,714	10,714	10,714	10,714	10,714	10,714	
110	Total Current Assets	467,395	462,220	494,027	521,929	546,283	574,949	602,099	
111									
112	Assets Limited as to Use								
113	Trusted Assets	50	215	215	215	215	215	215	
114	Temporary Restricted Cash	46,553	39,529	39,529	39,529	39,529	39,529	39,529	
115	Permanent Restricted Cash	43,248	40,374	40,374	40,374	40,374	40,374	40,374	
116	Board Designated Investments	623,699	420,333	463,614	587,743	619,554	700,487	795,159	
117	Total Assets Limited as to Use	713,550	500,451	543,732	667,861	699,672	780,605	875,277	
118									
119	Property, Plant and Equipment								
120	Property, Plant and Equipment	1,410,235	1,317,708	1,339,741	1,486,288	1,552,050	1,618,169	1,689,398	
121	Accumulated Depreciation	845,005	820,711	866,102	923,497	981,845	1,040,239	1,099,710	
122	Construction in Progress	54,933	108,732	108,732	108,732	148,732	148,732	148,732	
123	Net PP&E	620,163	605,729	582,371	671,523	718,937	726,662	738,420	
124									
125	Other Assets								
126	Investment in Related Parties	3,676	0	0	0	0	0	0	
127	Deferred Financing Fees	30,027	29,009	29,009	29,009	29,009	29,009	29,009	
128	Other Long-Term Assets	25,276	31,941	31,941	31,941	31,941	31,941	31,941	
129	Total Other Assets	58,979	60,950	60,950	60,950	60,950	60,950	60,950	
130									
131	Total Assets	1,860,087	1,629,350	1,681,080	1,922,263	2,025,842	2,143,166	2,276,746	
132		0	0	0	0	0	0	0	
133									
134	Balance Sheet - Liabilities and Net Assets								
135									
136	Current Liabilities								
137	Current Maturities of Debt	19,834	21,997	20,841	16,748	12,735	13,376	11,083	
138	Accounts Payable	29,741	28,276	29,377	31,099	32,476	34,112	35,541	
139	Third Party Payables	0	0	0	0	0	0	0	
140	Other Accrued Liabilities	242,270	183,871	183,871	183,871	183,871	183,871	183,871	
141	Total Current Liabilities	291,845	234,144	234,089	231,718	229,082	231,359	230,495	
142									
143	Other LT Liabilities								
144		55,321	38,209	38,209	38,209	38,209	38,209	38,209	
145	Long-Term Debt	417,398	393,967	373,126	506,378	493,643	480,267	469,184	
146									
147	Net Assets								
148	Unrestricted Net Assets	1,062,511	885,609	958,235	1,068,537	1,187,487	1,315,910	1,461,437	
149	Restricted Net Assets - Temporary	114	46,967	46,967	46,967	46,967	46,967	46,967	
150	Restricted Net Assets - Permanent	32,898	30,454	30,454	30,454	30,454	30,454	30,454	
151	Fund Balance	1,095,523	963,030	1,035,656	1,145,958	1,264,908	1,393,331	1,538,858	
152									
153	Total Liabilities & Net Assets	1,860,087	1,629,350	1,681,080	1,922,263	2,025,842	2,143,166	2,276,746	
154									

	W	X	Y	Z	AA	AB	AC	AD	AE
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45	Financial Planning Year:								
46	User Filter: Consolidated			Projection Years					
47		2021	2022	2023	2024	2025	2026	2027	
48									
155	Cash Flow Statement								
156									
157	Sources of Cash:								
158	Excess of Revenues over Expenses								FY23-FY27
159	from Operations								5 Yr total
160		\$36,553	(\$22,729)	\$55,729	\$81,204	\$87,029	\$94,082	\$107,519	425,563
161	Net Nonoperating Income, Excluding								
162		83,241	(154,169)	16,896	0	0	0	0	16,896
163	Extraordinary Items, Transfers and Other								0
164	Items Not Affecting Working Capital:								
165		62,290	68,233	64,774	71,954	75,136	76,367	77,637	365,868
166	Amortization of Financing Costs								0
167		(56,538)	25,322	0	3,000	3,000	3,000	3,000	12,000
168	Long Term Debt Proceeds								0
169		0	0	0	150,000	0	0	0	150,000
170	Total Sources of Cash								970,327
171	Uses of Cash:								
172	Change in Working Capital, Excluding								FY23-FY27
173	Current Portion of Debt								5 Yr total
174		\$18,627	\$67,450	\$25,727	\$18,395	\$16,752	\$19,633	\$19,257	99,764
175	Additions to Property, Plant & Equipment, net								498,559
176	Long Term Debt Principal								136.3%
177		42,330	53,799	41,416	161,106	122,550	84,092	89,395	85,697
178	Repayments								
179		21,221	21,268	21,997	20,841	16,748	12,735	13,376	684,020
180	Total Uses of Cash								684,020
181	Cash Provided (Used) Prior to								
182	Interest Income								
183		43,368	(225,860)	48,259	105,816	9,115	56,989	66,128	
184	Cash Provided from Interest Income								
185		0	0	0	26,099	28,919	31,342	35,009	
186	Cash Provided (Used)								
187		43,368	(225,860)	48,259	131,915	38,034	88,331	101,137	
188	Cash Balance, beginning of period								
189		813,909	857,277	631,417	679,677	811,591	849,627	937,957	
190	Cash Balance, end of period								1,039,094
191									
192									
193	Summary of Cash and Investments								
194		\$139,797	\$127,854	\$132,833	\$140,618	\$146,843	\$154,240	\$160,704	
195	Board Designated Assets								
196		623,699	420,333	463,614	587,743	619,554	700,487	795,159	
197	Trusteed Assets and Restricted Funds								
198		93,781	83,230	83,230	83,230	83,230	83,230	83,230	
199	Total								1,039,093

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45	Financial Planning Year:								
46	<i>User Filter: Consolidated</i>				Projection Years				
47		2021	2022	2023	2024	2025	2026	2027	
48									
199	Statistics and Ratios								
200									
201	Key Financial Statistics								
202	Net Patient Revenue	1,307,716	1,497,463	1,658,729	1,753,340	1,835,698	1,931,068	2,021,759	
203	Operating Income	36,553	(22,729)	55,729	81,204	87,029	94,082	107,519	
204	Operating EBIDA	114,815	61,648	136,786	173,062	185,323	193,083	207,267	
205	Excess Revenue over Expenses	119,794	(176,898)	72,625	107,302	115,948	125,423	142,528	
206	EBIDA	198,056	(92,521)	153,682	199,161	214,243	224,425	242,276	
207	Unrestricted Cash	763,496	548,187	596,447	728,361	766,397	854,727	955,863	
208	Long Term Debt	417,398	393,967	373,126	506,378	493,643	480,267	469,184	
209									
210									
211	Profitability Ratios								
212	Operating Margin	2.3%	(1.2%)	2.8%	3.8%	3.9%	4.0%	4.4%	
213	Operating EBIDA Margin	7.1%	3.4%	6.9%	8.1%	8.3%	8.3%	8.5%	
214									
215	Liquidity Ratios								
216	Days Cash on Hand	184.6	112.4	116.4	134.4	135.5	144.2	154.9	
217									
218	Other Ratios								
219	Average Age of Plant	13.6	12.0	13.4	12.8	13.1	13.6	14.2	
220	Capital Spending Ratio	68.0%	78.8%	63.9%	223.9%	163.1%	110.1%	115.1%	
221									
222									

	W	X	Y	Z	AA	AB	AC	AD	AE
41	Financial Statements								
42	UVMCM								
43	UVMHN FY23 FRAMEWORK REFRESH								
44	Last Calc: N/A								
45	Financial Planning Year:								
46	<i>User Filter: Consolidated</i>				Projection Years				
47		2021	2022	2023	2024	2025	2026	2027	
48									
223	Patient Revenue Summary								
224									
225	Medicare								
226	Total Patient Gross Revenue	1,400,511	1,654,975	1,786,360	1,887,540	1,975,500	2,077,473	2,174,381	
227	Contractual Discounts	1,002,975	1,199,768	1,324,455	1,399,975	1,465,740	1,542,486	1,615,573	
228	Bad Debt	11,538	16,921	20,055	21,194	22,185	23,329	24,415	
229	Provision for Charity	5,999	8,360	11,269	11,908	12,465	13,107	13,718	
230	Net Patient Revenue	\$379,999	\$429,926	\$430,582	\$454,462	\$475,111	\$498,551	\$520,675	
231									
232									
233	Medicaid								
234	Total Patient Gross Revenue	500,827	594,568	618,353	653,116	683,280	717,352	749,557	
235	Contractual Discounts	341,388	389,746	420,760	444,464	465,043	488,409	510,522	
236	Bad Debt	4,126	6,079	6,942	7,334	7,673	8,055	8,416	
237	Provision for Charity	2,145	3,003	3,901	4,120	4,311	4,526	4,729	
238	Net Patient Revenue	\$153,168	\$195,740	\$186,750	\$197,198	\$206,253	\$216,362	\$225,890	
239									
240									
241	Commercial								
242	Total Patient Gross Revenue	943,772	1,041,270	1,222,234	1,293,235	1,355,352	1,427,921	1,497,238	
243	Contractual Discounts	225,700	243,368	267,257	282,959	296,731	312,393	327,317	
244	Bad Debt	7,775	10,646	13,722	14,521	15,221	16,035	16,812	
245	Provision for Charity	4,042	5,260	7,710	8,159	8,552	9,009	9,446	
246	Net Patient Revenue	\$706,254	\$781,996	\$933,545	\$987,596	\$1,034,848	\$1,090,483	\$1,143,664	
247									
248									
249	Other								
250	Total Patient Gross Revenue	238,636	292,539	346,831	366,663	383,945	403,953	422,992	
251	Contractual Discounts	167,353	198,269	232,897	246,150	257,725	271,196	284,044	
252	Bad Debt	1,966	2,991	3,894	4,117	4,312	4,536	4,750	
253	Provision for Charity	1,022	1,478	2,188	2,313	2,423	2,549	2,669	
254	Net Patient Revenue	\$68,295	\$89,801	\$107,852	\$114,083	\$119,486	\$125,672	\$131,530	
255									
256									
257	Total								
258	Total Patient Gross Revenue	3,083,746	3,583,352	3,973,778	4,200,554	4,398,078	4,626,698	4,844,169	
259	Contractual Discounts	1,737,416	2,031,151	2,245,369	2,373,548	2,485,239	2,614,484	2,737,455	
260	Bad Debt	25,406	36,637	44,613	47,166	49,391	51,955	54,393	
261	Provision for Charity	13,208	18,101	25,068	26,501	27,750	29,191	30,561	
262	Net Patient Revenue	\$1,307,716	\$1,497,463	\$1,658,729	\$1,753,340	\$1,835,698	\$1,931,068	\$2,021,759	
263									