

THE  
**University of Vermont**  
MEDICAL CENTER

*By Electronic Mail & U.S. Mail*

March 13, 2023

Ms. Donna Jerry  
Senior Health Policy Analyst  
Green Mountain Care Board  
144 State Street  
Montpelier, VT 05602  
[Donna.Jerry@vermont.gov](mailto: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 responds to Q. 1–4 of the Green Mountain Care Board’s (“Board”) Requests for Additional Information Q.001, dated February 23, 2023, regarding the above-referenced project. UVM Medical Center will submit its response to Q.5 as soon as possible.

**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 and interprofessional 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	<b>ACCOMMODATIONS FOR CARE OF PATIENTS OF SIZE</b>
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)			
(a)	<input checked="" type="checkbox"/> medication preparation room <input checked="" type="checkbox"/> work counter <input checked="" type="checkbox"/> handwashing station <input checked="" type="checkbox"/> lockable refrigerator <input checked="" type="checkbox"/> locked storage for controlled drugs <input checked="" type="checkbox"/> sharps containers <input type="checkbox"/> check if not included in project	Ventilation: <input checked="" type="checkbox"/> Min. 4 air changes per hour      Table 8.1 Lighting: <input checked="" type="checkbox"/> Task lighting      2.1-3.8.8.1(2)(d)	
(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	<b>GENERAL SUPPORT AREAS FOR STAFF</b>
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 UVMMC discussed during an earlier conference call with CON staff.**

Response: As was mentioned during the previous meeting with CON staff, we are in the process of updating the Financial Framework Model, and will provide it to the Board as soon as possible.

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", with a long horizontal flourish extending to the right.

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**

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

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
<b>2100.00</b>			<b>SITE WORK</b>						
	<b>2110.00</b>		<b>Site Work - General</b>						
		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
			<b>Site Work - General</b>	<b>84,249.00 SF</b>	<b>193,200</b>	<b>7,125</b>	<b>3,900</b>	<b>29,745</b>	<b>233,970</b>
	<b>2112.00</b>		<b>Site Work - Demolition</b>						
		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
			<b>Site Work - Demolition</b>	<b>84,249.00 SF</b>	<b>1,880</b>	<b>1,425</b>	<b>5,000</b>	<b>15,921</b>	<b>24,226</b>
	<b>2114.00</b>		<b>Site Work - Preparation</b>						
		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
			<b>Site Work - Preparation</b>	<b>84,249.00 SF</b>	<b>719</b>		<b>60,000</b>	<b>11,720</b>	<b>72,439</b>
	<b>2118.00</b>		<b>Site Work - Erosion Control</b>						
		10	Erosion Control-Per Narrative	1.00 ls	-	-	175,000	-	175,000
			<b>Site Work - Erosion Control</b>	<b>84,249.00 SF</b>			<b>175,000</b>		<b>175,000</b>
	<b>2200.00</b>		<b>Site Work - Earthwork</b>						
		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
			<b>Site Work - Earthwork</b>	<b>84,249.00 SF</b>	<b>6,062</b>			<b>397,378</b>	<b>403,440</b>
	<b>2202.00</b>		<b>Site Work - Building</b>						
		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
			<b>Site Work - Building</b>	<b>84,249.00 SF</b>	<b>98,504</b>	<b>322,117</b>	<b>39,495</b>	<b>362,234</b>	<b>822,350</b>
	<b>2204.00</b>		<b>Site Work - Roads &amp; Walks</b>						
		*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
			<b>SITE WORK</b>	<b>84,249.00 SF</b>	<b>612,160</b>	<b>1,321,791</b>	<b>292,345</b>	<b>1,270,519</b>	<b>3,496,816</b>
2400.00			<b>SITE IMPROVEMENTS</b>						
	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		<b>Site - Fences &amp; Guard Rails</b>						
		*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
			<b>Site - Fences &amp; Guard Rails</b>	<b>84,249.00 SF</b>			<b>30,275</b>		<b>30,275</b>
	2430.00		<b>Site - Signage &amp; Signals</b>						
		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
			<b>Site - Signage &amp; Signals</b>	<b>84,249.00 SF</b>	<b>1,375</b>	<b>4,550</b>			<b>5,925</b>
	2440.00		<b>Site - Furnishings &amp; Equipment</b>						
		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
			<b>Site - Furnishings &amp; Equipment</b>	<b>84,249.00 SF</b>	<b>7,365</b>	<b>69,610</b>	<b>2,250</b>	<b>1,500</b>	<b>80,725</b>
	2450.00		<b>Site - Landscaping</b>						
		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
			<b>Site - Landscaping</b>	<b>84,249.00 SF</b>	<b>12,638</b>	<b>15,342</b>	<b>521,489</b>	<b>1,583</b>	<b>551,052</b>
	2456.00		<b>Site - Lawns</b>						
		34	Lawn-Fine Grade & Seed & Mulch	129,742.00 sf	-	-	19,461	-	19,461
			<b>Site - Lawns</b>	<b>84,249.00 SF</b>			<b>19,461</b>		<b>19,461</b>
			<b>SITE IMPROVEMENTS</b>	<b>84,249.00 SF</b>	<b>21,378</b>	<b>89,502</b>	<b>573,475</b>	<b>3,083</b>	<b>687,438</b>
2500.00			<b>PAVING &amp; SURFACING</b>						
	2530.00		<b>Paving - Asphalt</b>						
		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
			<b>Paving - Asphalt</b>	<b>84,249.00 SF</b>			<b>326,996</b>		<b>326,996</b>
	2540.00		<b>Paving - Unit</b>						
		20	Unit Paving-Unilock-Plank- 4"	2,249.00 sf	-	-	56,225	-	56,225
			<b>Paving - Unit</b>	<b>84,249.00 SF</b>			<b>56,225</b>		<b>56,225</b>
	2570.00		<b>Curbing</b>						
		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
			<b>Curbing</b>	<b>84,249.00 SF</b>	<b>8,700</b>		<b>87,000</b>	<b>30,450</b>	<b>126,150</b>
	2574.00		<b>Site Concrete</b>						
		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
			<b>Site Concrete</b>	<b>84,249.00 SF</b>			<b>167,502</b>		<b>167,502</b>
	2599.00		<b>Paving &amp; Surfacing - Misc</b>						
		20	Line Markings-Asphalt-Painted	1.00 ls	-	-	8,100	-	8,100
			<b>Paving &amp; Surfacing - Misc</b>	<b>84,249.00 SF</b>			<b>8,100</b>		<b>8,100</b>
			<b>PAVING &amp; SURFACING</b>	<b>84,249.00 SF</b>	<b>8,700</b>		<b>645,823</b>	<b>30,450</b>	<b>684,973</b>
3000.00			<b>CONCRETE - BUILDING</b>						
	3052.00		<b>Concrete - Form Strip Footings</b>						
		14	Form Strip Footings-3 Use	3,835.30 sf	22,919	4,790	-	-	27,709
			<b>Concrete - Form Strip Footings</b>	<b>84,249.00 SF</b>	<b>22,919</b>	<b>4,790</b>			<b>27,709</b>
	3054.00		<b>Concrete - Form Spread Footings</b>						
		*12	Form Spread Footings-3 Use	4,807.88 sf	33,267	5,689	-	-	38,956
			<b>Concrete - Form Spread Footings</b>	<b>84,249.00 SF</b>	<b>33,267</b>	<b>5,689</b>			<b>38,956</b>
	3060.00		<b>Concrete - Form Walls</b>						
		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					
			<b>CONCRETE - BUILDING</b>	<b>84,249.00 SF</b>	<b>861,506</b>	<b>932,491</b>		<b>64,706</b>	<b>1,858,702</b>
3150.00			<b>CONCRETE - SITE</b>						
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
			<b>CONCRETE - SITE</b>	<b>84,249.00 SF</b>	<b>118,231</b>	<b>132,312</b>		<b>2,872</b>	<b>253,415</b>
4000.00			<b>MASONRY</b>						
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
			<b>MASONRY</b>	<b>84,249.00 SF</b>			<b>961,140</b>		<b>961,140</b>
<b>5000.00</b>			<b>STEEL</b>						
	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-Columns-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
			<b>STEEL</b>	<b>84,249.00 SF</b>			<b>2,730,188</b>		<b>2,730,188</b>
<b>5500.00</b>			<b>METAL FABRICATIONS</b>						
	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
			<b>METAL FABRICATIONS</b>	<b>84,249.00 SF</b>	<b>47,257</b>	<b>146,943</b>	<b>94,000</b>	<b>10,358</b>	<b>298,557</b>
<b>6000.00</b>			<b>ROUGH CARPENTRY</b>						
	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		<b>Rough Carpentry - Misc</b>						
		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
			<b>Rough Carpentry - Misc</b>	<b>84,249.00 SF</b>	<b>2,000</b>	<b>1,500</b>			<b>3,500</b>
			<b>ROUGH CARPENTRY</b>	<b>84,249.00 SF</b>	<b>53,556</b>	<b>45,936</b>	<b>67,200</b>		<b>166,692</b>
6200.00			<b>FINISH CARPENTRY</b>						
	6224.00		<b>Interior Trim - Boards &amp; Mouldings</b>						
		16	Int Trim-Moulding-Chair Rail	740.00 lf	4,810	13,320	-	-	18,130
			<b>Interior Trim - Boards &amp; Mouldings</b>	<b>84,249.00 SF</b>	<b>4,810</b>	<b>13,320</b>			<b>18,130</b>
	6228.00		<b>Interior Trim - Panels</b>						
		28	Int Trim-Panels-PWD-Hardwood-To 4' H	1,688.00 sf	10,972	40,512	-	-	51,484
			<b>Interior Trim - Panels</b>	<b>84,249.00 SF</b>	<b>10,972</b>	<b>40,512</b>			<b>51,484</b>
			<b>FINISH CARPENTRY</b>	<b>84,249.00 SF</b>	<b>15,782</b>	<b>53,832</b>			<b>69,614</b>
6400.00			<b>ARCHITECTURAL MILLWORK</b>						
	6410.00		<b>Architectural Millwork - General</b>						
		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
			<b>Architectural Millwork - General</b>	<b>84,249.00 SF</b>	<b>53,133</b>	<b>343,750</b>			<b>396,883</b>
	6430.00		<b>Solid Surface Fabrications</b>						
		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
			<b>Solid Surface Fabrications</b>	<b>84,249.00 SF</b>			<b>147,220</b>		<b>147,220</b>
	6440.00		<b>Plastic Fabrications</b>						
		16	Plastic Fab-Millwork-Resin Panels	500.00 sf	4,063	50,000	-	-	54,063
			<b>Plastic Fabrications</b>	<b>84,249.00 SF</b>	<b>4,063</b>	<b>50,000</b>			<b>54,063</b>
	6450.00		<b>Panels &amp; Wainscots</b>						
		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
			<b>Panels &amp; Wainscots</b>	<b>84,249.00 SF</b>	<b>84,390</b>	<b>297,828</b>			<b>382,218</b>
	6499.00		<b>Architectural Millwork - Misc</b>						
		28	Millwork-Small Tools	10.00 wk	-	1,500	-	-	1,500
		52	Millwork-Matrl Handling-Unload & Stock	1.00 ls	5,500	-	-	-	5,500
			<b>Architectural Millwork - Misc</b>	<b>84,249.00 SF</b>	<b>5,500</b>	<b>1,500</b>			<b>7,000</b>
			<b>ARCHITECTURAL MILLWORK</b>	<b>84,249.00 SF</b>	<b>147,086</b>	<b>693,078</b>	<b>147,220</b>		<b>987,384</b>
7000.00			<b>THERMAL &amp; MOISTURE</b>						
	7012.00		<b>Waterproofing</b>						
		32	Waterproofing-Vertical-Fluid Applied	8,755.00 sf	-	-	52,530	-	52,530
		60	Waterproofing-Pits-Crystalline	672.00 sf	-	-	6,720	-	6,720
			<b>Waterproofing</b>	<b>84,249.00 SF</b>			<b>59,250</b>		<b>59,250</b>
	7014.00		<b>Damproofing</b>						
		20	Damproofing-Brush On-1 Coat	9,540.00 sf	7,950	6,296	-	-	14,246
			<b>Damproofing</b>	<b>84,249.00 SF</b>	<b>7,950</b>	<b>6,296</b>			<b>14,246</b>
	7020.00		<b>Air &amp; Vapor Barriers</b>						
		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
			<b>Air &amp; Vapor Barriers</b>	<b>84,249.00 SF</b>	<b>23,674</b>	<b>6,021</b>	<b>173,220</b>	<b>1,570</b>	<b>204,485</b>
	7100.00		<b>Fireproofing</b>						
		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
			<b>Fireproofing</b>	<b>84,249.00 SF</b>			<b>448,245</b>		<b>448,245</b>
			<b>THERMAL &amp; MOISTURE</b>	<b>84,249.00 SF</b>	<b>31,624</b>	<b>12,317</b>	<b>680,715</b>	<b>1,570</b>	<b>726,226</b>
7200.00			<b>INSULATION</b>						
	7220.00		<b>Insulation - Building - Rigid - Foundations</b>						
		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
			<b>Insulation - Building - Rigid - Foundations</b>	<b>84,249.00 SF</b>	<b>10,739</b>	<b>17,368</b>			<b>28,107</b>
			<b>INSULATION</b>	<b>84,249.00 SF</b>	<b>10,739</b>	<b>17,368</b>			<b>28,107</b>
7400.00			<b>SIDING &amp; SHINGLES</b>						
	7442.00		<b>Siding - Metal</b>						
		58	Siding-Metal-ACM-Alpolic	7,284.00 sf	-	-	473,460	-	473,460
			<b>Siding - Metal</b>	<b>84,249.00 SF</b>			<b>473,460</b>		<b>473,460</b>

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
			<b>SIDING &amp; SHINGLES</b>	<b>84,249.00 SF</b>			<b>473,460</b>		<b>473,460</b>
<b>7500.00</b>			<b>ROOFING</b>						
	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
			<b>ROOFING</b>	<b>84,249.00 SF</b>	<b>21,164</b>	<b>115,440</b>	<b>900,402</b>	<b>16,033</b>	<b>1,053,039</b>
<b>7900.00</b>			<b>SEALANTS &amp; CAULKING</b>						
	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
			<b>SEALANTS &amp; CAULKING</b>	<b>84,249.00 SF</b>	<b>42,157</b>	<b>52,350</b>		<b>4,072</b>	<b>98,580</b>
<b>8000.00</b>			<b>DOORS &amp; FRAMES</b>						
	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
			<b>DOORS &amp; FRAMES</b>	<b>84,249.00 SF</b>	<b>49,393</b>	<b>465,314</b>			<b>514,707</b>
<b>8300.00</b>			<b>SPECIAL DOORS</b>						
	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
			<b>SPECIAL DOORS</b>	<b>84,249.00 SF</b>	<b>11,580</b>	<b>27,175</b>	<b>122,250</b>		<b>161,005</b>
<b>8400.00</b>			<b>STOREFRONT &amp; WINDOWS</b>						
	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
			<b>STOREFRONT &amp; WINDOWS</b>	<b>84,249.00 SF</b>			<b>97,275</b>		<b>97,275</b>
<b>8500.00</b>			<b>WINDOWS</b>						
	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
			<b>WINDOWS</b>	<b>84,249.00 SF</b>			<b>32,000</b>		<b>32,000</b>
<b>8700.00</b>			<b>DOOR HARDWARE</b>						
	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
			<b>DOOR HARDWARE</b>	<b>84,249.00 SF</b>	<b>102,631</b>	<b>840,403</b>			<b>943,034</b>
<b>8800.00</b>			<b>GLASS &amp; GLAZING</b>						
	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
			<b>GLASS &amp; GLAZING</b>	<b>84,249.00 SF</b>			<b>68,225</b>		<b>68,225</b>
<b>8900.00</b>			<b>GLAZED CURTAIN WALLS</b>						
	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
			<b>GLAZED CURTAIN WALLS</b>	<b>84,249.00 SF</b>			<b>417,532</b>		<b>417,532</b>
<b>9250.00</b>			<b>GYPSUM WALLBOARD</b>						
	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		<b>Metal Framing - Non Load Bearing</b>						
		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
			<b>Metal Framing - Non Load Bearing</b>	<b>84,249.00 SF</b>	<b>422,801</b>	<b>289,069</b>			<b>711,871</b>
	9258.00		<b>Ceiling Suspension Systems</b>						
		20	GWBC-Suspension Grid-650 Type	15,517.00 sf	-	-	50,430	-	50,430
			<b>Ceiling Suspension Systems</b>	<b>84,249.00 SF</b>			<b>50,430</b>		<b>50,430</b>
	9260.00		<b>Gypsum Wallboard</b>						
		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
			<b>Gypsum Wallboard</b>	<b>84,249.00 SF</b>	<b>805,711</b>	<b>456,435</b>			<b>1,262,146</b>
	9299.00		<b>Gypsum Wallboard - Misc</b>						
		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
			<b>Gypsum Wallboard - Misc</b>	<b>84,249.00 SF</b>	<b>64,761</b>	<b>289,057</b>			<b>353,818</b>
			<b>Gypsum Wallboard</b>	<b>84,249.00 SF</b>	<b>1,570,068</b>	<b>1,281,803</b>	<b>50,430</b>	<b>17,100</b>	<b>2,919,402</b>
9300.00			<b>TERRAZZO &amp; TILE</b>						
	9312.00		<b>Ceramic Tile</b>						
		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
			<b>Ceramic Tile</b>	<b>84,249.00 SF</b>			<b>89,824</b>		<b>89,824</b>
	9340.00		<b>Terrazzo</b>						
		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
			<b>Terrazzo</b>	<b>84,249.00 SF</b>			<b>76,752</b>		<b>76,752</b>
			<b>TERRAZZO &amp; TILE</b>	<b>84,249.00 SF</b>			<b>166,576</b>		<b>166,576</b>
9500.00			<b>ACOUSTICAL TREATMENT</b>						
	9510.00		<b>Acoustical Ceilings</b>						
		*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
			<b>Acoustical Ceilings</b>	<b>84,249.00 SF</b>			<b>405,060</b>		<b>405,060</b>
	9516.00		<b>Metal Ceilings</b>						
		26	Metal Ceilings-Exterior-Metalworks	3,040.00 sf	-	-	121,600	-	121,600
			<b>Metal Ceilings</b>	<b>84,249.00 SF</b>			<b>121,600</b>		<b>121,600</b>
			<b>ACOUSTICAL TREATMENT</b>	<b>84,249.00 SF</b>			<b>526,660</b>		<b>526,660</b>
9600.00			<b>CARPET &amp; RESILIENT</b>						
	9630.00		<b>Resilient Flooring - Sheet &amp; Tile</b>						
		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
			<b>Resilient Flooring - Sheet &amp; Tile</b>	<b>84,249.00 SF</b>			<b>427,907</b>		<b>427,907</b>
	9650.00		<b>Carpet</b>						
		56	Floor-Carpet-Tile	1,744.00 sf	-	-	11,627	-	11,627
			<b>Carpet</b>	<b>84,249.00 SF</b>			<b>11,627</b>		<b>11,627</b>
			<b>CARPET &amp; RESILIENT</b>	<b>84,249.00 SF</b>			<b>439,534</b>		<b>439,534</b>
9700.00			<b>SPECIAL FLOORING</b>						

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
	9710.00		<b>Special Flooring - General</b>						
		34	Floor-Concrete-Sealer	3,315.00 sf	-	-	9,945	-	9,945
			<b>Special Flooring - General</b>	<b>84,249.00 SF</b>			<b>9,945</b>		<b>9,945</b>
	9720.00		<b>Special Flooring - Epoxy</b>						
		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
			<b>Special Flooring - Epoxy</b>	<b>84,249.00 SF</b>			<b>685,416</b>		<b>685,416</b>
			<b>SPECIAL FLOORING</b>	<b>84,249.00 SF</b>			<b>695,361</b>		<b>695,361</b>
9900.00			<b>FINISH PAINT</b>						
	9920.00		<b>Finish Paint - Interior</b>						
		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
			<b>Finish Paint - Interior</b>	<b>84,249.00 SF</b>			<b>406,369</b>		<b>406,369</b>
			<b>FINISH PAINT</b>	<b>84,249.00 SF</b>			<b>406,369</b>		<b>406,369</b>
9950.00			<b>WALL COVERINGS</b>						
	9954.00		<b>Wall Coverings</b>						
		38	Wall Panels-OR-Altro-Whiterock	16,020.00 sf	-	-	240,300	-	240,300
			<b>Wall Coverings</b>	<b>84,249.00 SF</b>			<b>240,300</b>		<b>240,300</b>
			<b>WALL COVERINGS</b>	<b>84,249.00 SF</b>			<b>240,300</b>		<b>240,300</b>
10000.00			<b>SPECIALTIES</b>						
	10152.00		<b>Hospital Cubicles &amp; Track</b>						
		20	Cubicle-Track-Clg Mtd	390.00 lf	2,925	5,148	-	-	8,073
		24	Cubicle-Curtains-OFOI	0.00 lf	0	0	-	-	0
			<b>Hospital Cubicles &amp; Track</b>	<b>84,249.00 SF</b>	<b>2,925</b>	<b>5,148</b>			<b>8,073</b>
	10156.00		<b>Toilet Partitions &amp; Screens</b>						
		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
			<b>Toilet Partitions &amp; Screens</b>	<b>84,249.00 SF</b>	<b>9,520</b>	<b>26,000</b>			<b>35,520</b>
	10200.00		<b>Louvers &amp; Vents</b>						
		40	Louvers-Metal-Alum-In HVAC	0.00 sf	0	0	-	-	0
			<b>Louvers &amp; Vents</b>	<b>84,249.00 SF</b>					
	10260.00		<b>Wall &amp; Corner Guards</b>						
		28	Wall Guards-Corner-Plastic-3.0 x 3.0" x 4' L	167.00 ea	5,010	22,545	-	-	27,555
			<b>Wall &amp; Corner Guards</b>	<b>84,249.00 SF</b>	<b>5,010</b>	<b>22,545</b>			<b>27,555</b>
	10400.00		<b>Identifying Devices</b>						
		16	Signage-Exterior-Allowance	1.00 ls	-	-	20,000	-	20,000
		60	Signage-Interior-Allowance	205.00 ea	-	-	51,250	-	51,250
			<b>Identifying Devices</b>	<b>84,249.00 SF</b>			<b>71,250</b>		<b>71,250</b>
	10500.00		<b>Lockers</b>						
		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
			<b>Lockers</b>	<b>84,249.00 SF</b>	<b>14,130</b>	<b>68,360</b>			<b>82,490</b>
	10520.00		<b>Fire Extinguishers &amp; Cabinets</b>						
		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
			<b>Fire Extinguishers &amp; Cabinets</b>	<b>84,249.00 SF</b>	<b>2,520</b>	<b>9,105</b>			<b>11,625</b>
	10600.00		<b>Special Partitions</b>						
		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
			<b>Special Partitions</b>	<b>84,249.00 SF</b>	<b>1,302</b>	<b>4,750</b>			<b>6,052</b>
	10670.00		<b>Storage Shelving</b>						
		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
			<b>Storage Shelving</b>	<b>84,249.00 SF</b>			<b>554,800</b>		<b>554,800</b>
	10800.00		<b>Toilet &amp; Bath Accessories</b>						
		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		<b>Toilet &amp; Bath Accessories</b>						
		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
			<b>Toilet &amp; Bath Accessories</b>	<b>84,249.00 SF</b>	<b>5,400</b>	<b>8,805</b>			<b>14,205</b>
			<b>SPECIALTIES</b>	<b>84,249.00 SF</b>	<b>40,807</b>	<b>144,713</b>	<b>626,050</b>		<b>811,570</b>
<b>11000.00</b>			<b>EQUIPMENT</b>						
	11002.00		<b>Equipment - General</b>						
		10	Equipment-Design-Matrix-OFCI/CFCI/OFOI	1.00 ls	33,475	10,000	-	2,575	46,050
			<b>Equipment - General</b>	<b>84,249.00 SF</b>	<b>33,475</b>	<b>10,000</b>		<b>2,575</b>	<b>46,050</b>
	11110.00		<b>Commercial Laundry &amp; Dry Cleaning</b>						
		10	Laundry Equipment-NIC	0.00 ls	-	-	0	-	0
			<b>Commercial Laundry &amp; Dry Cleaning</b>	<b>84,249.00 SF</b>					
	11160.00		<b>Loading Dock Equipment</b>						
		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
			<b>Loading Dock Equipment</b>	<b>84,249.00 SF</b>	<b>3,120</b>	<b>41,000</b>	<b>8,000</b>		<b>52,120</b>
	11170.00		<b>Waste Handling Equipment</b>						
		10	Waste Equipment-Compactors-NIC	0.00 ls	-	-	0	-	0
			<b>Waste Handling Equipment</b>	<b>84,249.00 SF</b>					
	11450.00		<b>Residential Equipment</b>						
		10	Residential Equip-Appliances-NIC	0.00 ls	-	-	0	-	0
			<b>Residential Equipment</b>	<b>84,249.00 SF</b>					
	11700.00		<b>Medical Equipment</b>						
		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
			<b>Medical Equipment</b>	<b>84,249.00 SF</b>	<b>51,678</b>		<b>836,416</b>	<b>11,745</b>	<b>899,839</b>
			<b>EQUIPMENT</b>	<b>84,249.00 SF</b>	<b>88,273</b>	<b>51,000</b>	<b>844,416</b>	<b>14,320</b>	<b>998,009</b>
<b>12000.00</b>			<b>FURNISHINGS</b>						
	12100.00		<b>Artwork</b>						
		10	Artwork-NIC	0.00 ls	-	-	0	-	0
			<b>Artwork</b>	<b>84,249.00 SF</b>					
	12500.00		<b>Window Treatments</b>						
		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
			<b>Window Treatments</b>	<b>84,249.00 SF</b>			<b>65,743</b>		<b>65,743</b>
	12600.00		<b>Furniture &amp; Accessories</b>						
		10	Furniture-Loose-NIC	0.00 ls	-	-	0	-	0
			<b>Furniture &amp; Accessories</b>	<b>84,249.00 SF</b>					
	12810.00		<b>Plants &amp; Planters</b>						
		10	Plants & Planters-NIC	0.00 ls	-	-	0	-	0
			<b>Plants &amp; Planters</b>	<b>84,249.00 SF</b>					
			<b>FURNISHINGS</b>	<b>84,249.00 SF</b>			<b>65,743</b>		<b>65,743</b>
<b>13000.00</b>			<b>SPECIAL CONSTRUCTION</b>						
	13060.00		<b>Special Rooms</b>						
		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
			<b>Special Rooms</b>	<b>84,249.00 SF</b>			<b>53,625</b>		<b>53,625</b>
	13410.00		<b>Liquid &amp; Gas Storage Tanks</b>						
		10	Tanks-Site-Oxygen-NIC	0.00 ls	-	-	0	-	0
			<b>Liquid &amp; Gas Storage Tanks</b>	<b>84,249.00 SF</b>					
	13980.00		<b>Solar &amp; Wind Energy Systems</b>						
		22	Energy-Solar-Power Systems-PV-NIC	0.00 ls	-	-	0	-	0
			<b>Solar &amp; Wind Energy Systems</b>	<b>84,249.00 SF</b>					
			<b>SPECIAL CONSTRUCTION</b>	<b>84,249.00 SF</b>			<b>53,625</b>		<b>53,625</b>
<b>14000.00</b>			<b>CONVEYING SYSTEMS</b>						
	14220.00		<b>Elevators - Traction</b>						
		20	Elevator-Traction-Freight-4500 LB-OTIS	6.00 st	24,000	-	578,000	-	602,000
			<b>Elevators - Traction</b>	<b>84,249.00 SF</b>	<b>24,000</b>		<b>578,000</b>		<b>602,000</b>
			<b>CONVEYING SYSTEMS</b>	<b>84,249.00 SF</b>	<b>24,000</b>		<b>578,000</b>		<b>602,000</b>
<b>15100.00</b>			<b>FIRE PROTECTION</b>						
	15110.00		<b>Fire Protection - Sprinkler</b>						
		12	Sprinkler-Estimate-Flretech	84,249.00 sf	-	-	390,000	-	390,000
			<b>Fire Protection - Sprinkler</b>	<b>84,249.00 SF</b>			<b>390,000</b>		<b>390,000</b>

Group	Phase	Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Total Amount
			<b>FIRE PROTECTION</b>	<b>84,249.00 SF</b>			<b>390,000</b>		<b>390,000</b>
<b>15400.00</b>			<b>PLUMBING</b>						
	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
			<b>PLUMBING</b>	<b>84,249.00 SF</b>			<b>4,254,965</b>		<b>4,254,965</b>
<b>15500.00</b>			<b>HVAC SYSTEMS</b>						
	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
			<b>HVAC SYSTEMS</b>	<b>84,249.00 SF</b>			<b>16,043,681</b>		<b>16,043,681</b>
<b>16100.00</b>			<b>ELECTRICAL SYSTEMS</b>						
	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
			<b>ELECTRICAL SYSTEMS</b>	<b>84,249.00 SF</b>			<b>10,398,755</b>		<b>10,398,755</b>
<b>20100.00</b>			<b>ALLOWANCES</b>						
	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
			<b>ALLOWANCES</b>	<b>84,249.00 SF</b>			<b>75,000</b>		<b>75,000</b>
<b>20300.00</b>			<b>PRECONSTRUCTION</b>						
	20310.00		Preconstruction						
		10	Precon-DEW-Fee-NIC	0.00 ls	-	-	0	-	0
			Preconstruction	84,249.00 SF					
			<b>PRECONSTRUCTION</b>	<b>84,249.00 SF</b>					
<b>20400.00</b>			<b>DESIGN &amp; ENGINEERING</b>						
	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					
			<b>DESIGN &amp; ENGINEERING</b>	<b>84,249.00 SF</b>					
<b>20500.00</b>			<b>GENERAL CONDITIONS</b>						
	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
			<b>GENERAL CONDITIONS</b>	<b>70.00 WK</b>	<b>1,428,720</b>	<b>786,270</b>	<b>20,150</b>	<b>167,490</b>	<b>2,402,629</b>
<b>20600.00</b>			<b>GENERAL REQUIREMENTS</b>						
	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
			<b>GENERAL REQUIREMENTS</b>	<b>70.00 WK</b>	<b>298,515</b>	<b>406,470</b>	<b>62,090</b>	<b>58,325</b>	<b>825,400</b>
20700.00			<b>SPECIAL PROJECT REQUIREMENTS</b>						
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					
			<b>SPECIAL PROJECT REQUIREMENTS</b>	<b>70.00 WK</b>	<b>10,000</b>				<b>10,000</b>

**Estimate Totals**

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

**STATE OF VERMONT  
GREEN MOUNTAIN CARE BOARD**

In re: The University of Vermont Medical Center Inc. ) Docket No. GMCB-004-23con  
Development of Outpatient Surgery Center on )  
Tilley Drive )

Verification

Eric Miller, being duly sworn, states on oath as follows:

- 1) My name is Eric Miller. I am Senior Vice President and General Counsel for The University of Vermont Health Network Inc. In that capacity I have reviewed The University of Vermont Medical Center's ("UVM Medical Center") response to the Green Mountain Care Board's ("the Board") Q.001 (February 23, 2023) regarding the above-referenced project ("the Response").
- 2) Based on my personal knowledge, after diligent inquiry, I attest that the information contained in the Response is true, accurate and complete, does not contain any untrue statement of a material fact, and does not omit to state a material fact necessary to make the statement therein not misleading, except as specifically noted herein.
- 3) My personal knowledge of the truth, accuracy and completeness of the information contained in the Response is based upon either my actual knowledge of the subject information or, where identified below, upon information reasonably believed by me to be reliable and provided to me by the individuals identified below who have certified that the information they have provided is true, accurate and complete, does not contain any untrue statement of a material fact, and does not omit to state a material fact necessary to make the statement made therein not misleading.
- 4) I have evaluated, within the twelve months preceding the date of this affidavit, the policies and procedures by which information has been provided by the certifying individuals identified below, and I have determined that such policies and procedures are effective in ensuring that all information submitted or used by UVM Medical Center in connection with the Certificate of Need program is true, accurate, and complete. I have disclosed to the Board of Trustees all significant deficiencies, of which I have personal knowledge after diligent inquiry in such policies and procedures, and I have disclosed to the Board of Trustees any misrepresentation of facts, whether or not material, that involves management or any other employee participating in providing information submitted or used by UVM Medical Center in connection with the Certificate of Need program.
- 5) The following certifying individuals have provided information or documents to me in connection with the Response, and each such individual has certified, based on their actual knowledge of the subject information or, where specifically identified in such certification, based on information reasonably believed by the certifying individual to be reliable, that the information or documents they have provided are true, accurate and

complete, do not contain any untrue statement of a material fact, and do not omit to state a material fact necessary to make the statement made therein not misleading:

- (a) Christopher Dillon, Vice President Integration and Strategy, UVMHN Medical Group
  - (b) Rebecca Aslakson, MD, Chair of the Department of Anesthesiology, UVM Medical Center
  - (c) Leif D. Keelty, Director, Facilities, Planning and Development, UVM Medical Center
- 6) In the event that the information contained in the Response becomes untrue, inaccurate or incomplete in any material respect, I acknowledge my obligation to notify the Board and to supplement the Response as soon as I know, or reasonably should know, that the information or document has become untrue, inaccurate or incomplete in any material respect.



Eric Miller

On March 13, 2023, Eric Miller, appeared before me and swore to the truth, accuracy and completeness of the foregoing.



Notary Public

My commission expires Jan 31 2025

