

**THE GROSSE POINTE PUBLIC SCHOOL SYSTEM
Grosse Pointe Woods, Michigan
March 13, 2023**

AGENDA NUMBER & TITLE: 6.4.

**Approval of IA Program Relocation,
Boiler Replacement and Counseling Area
HVAC GMP**

BACKGROUND INFORMATION:

On January 13, 2023 we held a public bid opening for proposals received on the IA program relocation, boiler installation, counseling area HVAC installation project. The subsequent weeks consisted of post bid interviews to ensure the appropriate scope of work was included in the bids and there were no errors or omissions. We also had extensive discussion at the Finance & Facilities Committee meetings held on January 30, February 16 and March 7, 2023.

This recommendation is to approve the 2023 guaranteed maximum price (GMP) contract for this project. All trades including demolition, concrete, plumbing, HVAC & controls, electrical, general trades, glass & glazing, flooring, painting, masonry and steel are included. \$4,780,825 would be awarded to Turner while the District would hold a direct contract in the amount of \$218,525 for total hard costs of \$4,999,350. Construction management fees total \$970,225. Owner-controlled contingency recommendation of \$477,152. The total not to exceed cost for this project is \$6,446,727

Additional information enclosed include the February 13, 2023 Plante Moran CRESA recommendation letter and January 25, 2023 Turner recommendation letter.

Please note, there are four additional items that will need to be contracted if this project is approved. Consistent with all prior projects, abatement, move management and commissioning are all handled as separate contracts/awards; the estimated cost for these services is \$125,000. Unique to this project is a temporary boiler that would heat the IA building once the new hydronic boilers are installed and the current steam boilers are turned off. I am working with Plante Moran CRESA and Turner to have an estimated cost of the temporary boiler available by the time we meet on Monday.

REQUEST:

The Board of Education approve the IA Program Relocation, Boiler Replacement and Counseling Area HVAC project costs including hard construction, construction management fees and owner-controlled contingency in the amount of \$6,446,727.

Funding Source		
<input type="checkbox"/> General Fund	<input checked="" type="checkbox"/> Bond Fund	<input type="checkbox"/> Sinking Fund

Amanda M. Matheson
Deputy Superintendent for Business Operations

February 13, 2023

Ms. Amanda Matheson
Deputy Superintendent for Business Operations
Grosse Pointe Public School System
20601 Morningside Dr.
Grosse Pointe Woods, MI 48236

via email: mathesa@gpschools.org

RE: 2018 Grosse Pointe Public School System Bond Program
**GP South High School IA Program Relocation, Boiler Installation, Counseling Area HVAC Installation.
Turner Construction GMP and Project Cost Recommendation**

Dear Ms. Matheson:

This letter transmits an update from Plante Moran Cresa (PMC) as it relates to the assignment to assist and advise the Grosse Pointe Public School System (GPPSS) in the procurement of subcontractors for the Grosse Pointe South High School IA Program Relocation, Boiler Installation, Counseling Area HVAC Installation (Project). This update represents the mutual efforts of PMC, French/Ehresman Architects, Turner Construction and GPPSS administration (The Project Team) to present a framework in order to identify, evaluate and recommend Firms for this Project.

The school district's design team, French/Ehresman Architects, provided construction documentation for the Project on October 17, 2022 plus addendums 1 (12-2-22), addendum 2 (12-21-22) and addendum 3 (1-6-23) to Turner Construction for public bidding. The Project consists of relocating IA programs to the main GP South building, installing new condensing boilers to replace the two existing steam boilers and new mechanical work associated with the counseling/office area. Bids were received by GPPSS on January 13, 2023 and were opened and read aloud publically. Post bid interviews followed for each bid category with award recommendations provided by Turner per their attached letter dated January 25, 2023.

RECOMMENDATION

The Project Team is recommending Turner's Construction bid contract amount of \$5,751,050 plus \$218,525 owner held trade contract (demolition) plus \$477,152 owner-controlled contingency totaling **\$6,446,727** be established for this Project. The cost of this work will be detailed in a GMP Amendment to Turner's AIA-A133 Agreement, pending final review and approval of terms by district legal counsel. The Project will be funded by **bond** proceeds.

Should you have any questions regarding this recommendation described above, please do not hesitate to contact me at 248-766-0996 or robert.stempien@plantemoran.com.

Sincerely,
PLANTE MORAN CRESA



Robert Stempien, AIA
Sr. Vice President

Attachments: Turner's GPPSS South HS GMP dated 1-25-23

CC: Michael Jon Dean, GPPSS, Paul Theriault, PMC

January 25, 2023

Mr. Robert Stempien
Sr. Vice President
Plante Moran
3000 Town Center, Suite 100, Southfield, MI 48075

Mrs. Amanda Matheson
Deputy Superintendent
Grosse Pointe Public School System
20601 Morningside, Grosse Pointe Woods, MI 48236

Re: South High School – IA Consolidation, Boiler Replacement, and Counseling / Principal Office Heat, GMP

Dear Mr. Stempien and Mrs. Matheson,

Enclosed is our GMP for the Grosse Pointe Public School – South High School IA Consolidation, Boiler Replacement, and Counseling / Principal Office heat project. The GMP total is \$5,751,050 and includes \$111,011 in construction manager's contingency. Please note that the base bid values and alternates for bid package 01 – demolition are not included within this GMP and will be owner assumed trade contractors which total \$218,525. The total project cost for the South High School IA Consolidation, Boiler Replacement, and Counseling / Principal Office heat project inclusive of the owner assumed trade contractor values is \$5,969,575.

Enclosed are the following:

1. GMP Summary & Detail
2. Assumptions and Clarifications
3. Staff, General Conditions & General Requirements Summary & Detail
4. Bid Leveling Sheets
5. Schedule

We look forward to reviewing this submittal in detail with the team. Should you have any questions or comments, please do not hesitate to contact me at 313.596.0527.

Sincerely,
TURNER CONSTRUCTION COMPANY



Phillip R. Cowles
Preconstruction Manager



Ronald D. Dawson
Construction Executive

CC: K. Deenik, R. Bowen, L. Augspurger, E. Walker – Turner Construction Company

**SOUTH HIGH SCHOOL IA CONSOLIDATION
GROSSE POINTE PUBLIC SCHOOLS
GMP**

GMP Date: 1/25/2023

GMP SUMMARY - Total Project Area		
BID PACKAGE NAME		Cost
01.00	Demolition, Excluded	\$0
02.00	Concrete	\$283,033
04.00	Plumbing	\$409,127
05.00	HVAC & Controls	\$2,455,500
06.00	Electrical, Low Voltage, and Security	\$502,850
07.00	General Trades, D/F/H, and Drywall	\$476,000
08.00	Glass & Glazing	\$20,000
10.00	Flooring	\$69,500
11.00	Painting	\$125,875
14.00	Masonry	\$243,445
15.00	Steel	\$195,495
17.00	Subcontractor Bonding, Allowance, Excluded	\$0
18.00	Overtime, Allowance, Excluded	\$0
19.00	TCCo Allowances, Excluded	\$0
20.00	PMC Assessment Allowances, Excluded	\$0
	Design / Estimating Contingency, Excluded	\$0
	Escalation, Excluded	\$0
SUBTOTAL HARD COSTS		\$4,780,825
	Reimbursables	\$115,414
	General Liability Insurance	\$47,685
	Payment and Performance Bond	\$56,945
	Building Permit & Plan Review - Allowance	\$17,000
	Builders Risk Insurance - EXCLUDED	\$0
	Subcontractor Default Insurance- EXCLUDED	\$0
	Construction Personnel Costs	\$373,493
	CM Fee	\$159,190
	CM Fee on Owner Assumed Trade Contractor	\$6,228
	Construction Manager's Contingency	\$111,011
	Subcontractor Default Contingency	\$83,258
SUBTOTAL INDIRECT COSTS		\$970,225
GMP TOTAL		\$5,751,050
*BP 01 - DEMO		\$218,525
(Owner's Assumed Trade Contractor)		

**SOUTH HIGH SCHOOL IA CONSOLIDATION
GROSSE POINTE PUBLIC SCHOOLS
GMP**

GMP Date: 1/25/2023

GSF: 17,614

GMP DETAIL - Total Project Area							
#	BID PACKAGE	AREA	DESCRIPTION	QUANTITY	UNIT	UNIT COST	EXTENSION
1			SUBSTRUCTURE				\$283,033
2			Concrete				\$283,033
3			Concrete				\$283,033
4			Concrete				
5	02.00	IA CONSOLIDATION	Concrete - Bid Package No.06 - Base Bid (DSP Constructors)	1.00	ls	250,033.00	\$250,033
6	02.00	IA CONSOLIDATION	Concrete, Payment and Performance Bond	-	ls	-	\$0
7	02.00	IA CONSOLIDATION	Concrete, Holds, Housekeeping Pads	1.00	ls	3,000.00	\$3,000
8	02.00	IA CONSOLIDATION	Concrete, Holds, Concrete Polishing Area N	1.00	ls	25,000.00	\$25,000
9	02.00	IA CONSOLIDATION	Concrete, Holds, Misc Floor Patching	1.00	ls	5,000.00	\$5,000
10			SHELL				\$195,495
11			SUPERSTRUCTURE	17,614	gsf		\$195,495
12			SUPERSTRUCTURE	17,614	gsf		\$195,495
13			Steel				
14	15.00	IA CONSOLIDATION	Steel, Bid Package No.15 (Savs Welding Service, Inc.)	1	ls	190,495.00	\$190,495
15	15.00	IA CONSOLIDATION	Steel, Payment and Performance Bond		ls	-	\$0
16	15.00	IA CONSOLIDATION	Steel, Holds, Roof Modifications	1	ls	5,000.00	\$5,000
17			INTERIORS				\$934,820
18			INTERIOR CONSTRUCTION				\$739,445
19			Interior Construction				\$739,445
20			General Trades				
21	07.00	IA CONSOLIDATION	General Trades, Bid Package No.07 (Stenco Construction)	1	ls	459,000.00	\$459,000
22	07.00	IA CONSOLIDATION	General Trades, Payment and Performance Bond	-	ls	-	\$0
23	07.00	IA CONSOLIDATION	General Trades, Holds, Pool Bench rebuild and tile	1	ls	5,000.00	\$5,000
24	07.00	IA CONSOLIDATION	General Trades, Holds, Remove/Reinstall/Replace Ceilings	1	ls	7,500.00	\$7,500
25	07.00	IA CONSOLIDATION	General Trades, Holds, Flooring Protection	1	ls	4,500.00	\$4,500
26			Masonry				
27	14.00	IA CONSOLIDATION	Masonry, Bid Package No.14 (D.C. Byers Company, Inc.)	1	ls	235,945.00	\$235,945
28	14.00	IA CONSOLIDATION	Masonry, Payment and Performance Bond	-	ls	-	\$0
29	14.00	IA CONSOLIDATION	Masonry, Holds, Masonry Wall Patching and tuck pointing	1	ls	7,500.00	\$7,500
30			Glass & Glazing				
31	08.00	IA CONSOLIDATION	Glass & Glazing, Bid Package No.08	-	ls	-	\$0
32	08.00	IA CONSOLIDATION	Glass & Glazing, Payment and Performance Bond	-	ls	-	\$0
33	08.00	IA CONSOLIDATION	Glass & Glazing, Holds, Glass & Glazing (No Bid)	1	ls	20,000.00	\$20,000
34			INTERIOR FINISHES				\$195,375

**SOUTH HIGH SCHOOL IA CONSOLIDATION
GROSSE POINTE PUBLIC SCHOOLS
GMP**

GMP Date: 1/25/2023

GSF: 17,614

GMP DETAIL - Total Project Area								
#	BID PACKA GE	AREA	DESCRIPTION	QUANTITY	UNIT	UNIT COST	EXTENSION	
35			Interior Finishes				\$195,375	
36			Flooring					
37	10.00	IA CONSOLIDATION	Flooring, Bid Package No.10 (Shock Brothers)	1	ls	36,500.00	\$36,500	
38	10.00	IA CONSOLIDATION	Flooring, Payment and Performance Bond	-	ls	-	\$0	
39	10.00	IA CONSOLIDATION	Flooring, Holds, Moisture Mitigation	1	ls	3,000.00	\$3,000	
40	10.00	IA CONSOLIDATION	Flooring, Holds, Terrazzo	1	ls	30,000.00	\$30,000	
41			Painting					
42	11.00	IA CONSOLIDATION	Painting, Bid Package No.11 (Detroit Spectrum Painters)	1	ls	114,375.00	\$114,375	
43	11.00	IA CONSOLIDATION	Painting, Payment and Performance Bond	-	ls	-	\$0	
44	11.00	IA CONSOLIDATION	Painting, Holds, Paint Touch-up	1	ls	8,000.00	\$8,000	
45	11.00	IA CONSOLIDATION	Painting, Holds, Epoxy Floor Prep	1	ls	3,500.00	\$3,500	
46			SERVICES				\$3,367,477	
47			PLUMBING				\$409,127	
48			Plumbing				\$409,127	
49			Plumbing					
50	04.00	IA CONSOLIDATION	Plumbing, Bid Package No.04 (Guideline Mechanical, Inc.)	1	ls	401,127.00	\$401,127	
51	04.00	IA CONSOLIDATION	Plumbing, Payment and Performance Bond	-	ls	-	\$0	
52	04.00	IA CONSOLIDATION	Plumbing, Holds, Existing Valve Replacement	1	ls	8,000.00	\$8,000	
53			HEATING, VENTILATION, AND AIR CONDITIONING (HVAC)				\$2,455,500	
54			HVAC & Controls	17,614	gsf		\$2,455,500	
55			HVAC & Controls					
56	05.00	IA CONSOLIDATION	HVAC & Controls, Bid Package No.05 (Western Mechanical Contractors Inc.)	1	ls	2,398,000.00	\$2,398,000	
57	05.00	IA CONSOLIDATION	HVAC & Controls, Payment and Performance Bond	-	ls	-	\$0	
58	05.00	IA CONSOLIDATION	HVAC & Controls, Holds, Reroute/Re-support unforeseen Mechanical	1	ls	6,000.00	\$6,000	
59	05.00	IA CONSOLIDATION	HVAC & Controls, Holds, Roofing Work	1	ls	25,000.00	\$25,000	
60	05.00	IA CONSOLIDATION	HVAC & Controls, Holds, Controls Repairs	1	ls	6,500.00	\$6,500	
61	05.00	IA CONSOLIDATION	HVAC & Controls, Holds, Boiler Logistics	1	ls	20,000.00	\$20,000	
62			FIRE PROTECTION - EXCLUDED				\$0	
63			ELECTRICAL				\$502,850	
64			Electrical				\$502,850	
65	06.00	IA CONSOLIDATION	Electrical, Bid Package No.06 (Edgewood Electric, LLC)	1	ls	482,850.00	\$482,850	
66	06.00	IA CONSOLIDATION	Electrical, Payment and Performance Bond	1	ls	-	\$0	
67	06.00	IA CONSOLIDATION	Electrical, Holds, Reroute/Re-support unforeseen Electrical	1	ls	15,000.00	\$15,000	
68	06.00	IA CONSOLIDATION	Electrical, Holds, Branch wiring replacement	1	ls	5,000.00	\$5,000	
69			EQUIPMENT AND FURNISHINGS - EXCLUDED				\$0	

**SOUTH HIGH SCHOOL IA CONSOLIDATION
GROSSE POINTE PUBLIC SCHOOLS
GMP**

GMP Date: 1/25/2023

GSF: 17,614

GMP DETAIL - Total Project Area							
#	BID PACKA GE	AREA	DESCRIPTION	QUANTITY	UNIT	UNIT COST	EXTENSION
70			SPECIAL CONSTRUCTION AND DEMOLITION				\$0
71			DEMOLITION				\$0
72			Selective Demolition				\$0
73			Selective Interior Demolition				
74	01.00	IA CONSOLIDATION	Selective Interior Demolition, Bid Package No.01 (Blue Star, Inc.), Excluded	-	ls	216,595.00	\$0
75	01.00	IA CONSOLIDATION	Selective Interior Demolition, Payment and Performance Bond, Excluded	-	ls	1,930.00	\$0
76			Subcontractor Bonding, Allowance	17,614	gsf		\$0
77			Subcontractor Bonding, Allowance	17,614	gsf		\$0
78	17.00	IA CONSOLIDATION	Subcontractor Bonding, Allowance, Excluded	-	allow	-	\$0

Grosse Pointe South High School IA Consolidation – GMP Submission

Assumptions & Clarifications

General

1. Due to the recent outbreak of COVID-19 and the unpredictable nature of pricing this current state of the pandemic, the GMP does not include schedule of cost impacts caused by events outside its control including without limitation delays and cost escalation arising from pandemics, financial shock, supply chain disruptions and travel bans caused by the COVID-19 outbreak. The Contract Time and GMP may be adjusted for the impacts caused by events outside Turner Construction's control based upon the terms of the Agreement or otherwise mutually agreed upon by the Owner and Turner Construction.
2. This estimate is based upon the following documents.
 - a. Grosse Pointe South High School IA Consolidation, 'Construction Drawings' dated October 17, 2022 as prepared by French Associates and Ehresman Architects.
 - b. Grosse Pointe South High School IA Consolidation, 'Specifications' dated October 17, 2022 as prepared by French Associates and Ehresman Architects.
 - c. Grosse Pointe South High School IA Consolidation, 'Addendum 01 Drawings and Specifications' dated December 2, 2022, Addendum 02 dated December 21, 2022, and Addendum 03 dated January 6, 2023 as prepared by French Associates and Ehresman Architects. Addendum
 - d. The original preconstruction only included estimating, management and purchasing department hours. The engineering, submittal processing and material procurement staff hours are being shifted from Construction Staff to Preconstruction as agreed. This will require a GMP increase for the preconstruction hours.
 - e. Staff rates are fixed thru the 2023 calendar year. Future annual adjustments will be required.
 - f. Insurance and Bond rates have been adjusted for the 2023 calendar year.
3. The following items are excluded:
 - a. Architectural or engineering fees
 - b. Owners representative fees
 - c. Owner contingencies
 - d. Builders risk insurance
 - e. Subcontractor Default Insurance
 - f. Furniture, fixtures and equipment (e.g., sculptures, furniture, demountable partitions and workstations, café equipment, waste receptacles, freezers, refrigerators, etc.)
 - g. Relocation and Final connections of Grosse Pointe Public School System furniture, appliances, fixtures and equipment.
 - h. Moving and relocation costs.
 - i. Disassembly, moving, and reassembly of shelving, owner equipment, and furniture.
 - j. Legal Fees.
 - k. Phones, computers, and other technology equipment and supplies.
 - l. TV's and other audio visual equipment.
 - m. Single source specification of materials and systems.
 - n. Financing costs.
 - o. Installation of Owner furnished items.
 - p. 3rd Party Testing of: soils, concrete, curtainwall, roofing, masonry, sealants, steel, etc.
 - q. Peer design review costs.

Grosse Pointe South High School IA Consolidation – GMP Submission

Assumptions & Clarifications

- r. 3rd Party Commissioning.
- s. Damage survey and job progress professional photography.
- t. Signage and wayfinding.
- u. The testing, abatement, and disposal of hazards or hazardous containing materials or soils.
- v. Low voltage systems Intercom, Paging, Master Clock System, DAS, CATV and AV.
- w. Communication / technology major systems upgrades.
- x. Video surveillance system.
- y. Security systems, cameras and access control systems.
- z. Dewater or engineered systems.
- aa. Soil erosion and sedimentation control licensing and documentation.
- bb. Sheeting, shoring or bracing of existing foundations.
- cc. Over excavation or soil stabilization.
- dd. Foundation or structural repairs.
- ee. Landscaping.
- ff. Tuckpointing or stone copings.
- gg. Modifications or replacement of marble wainscot.
- hh. Wear on existing asphalt surfaces.
- ii. Concrete polishing.
- jj. Seismic engineering, calculations or bracing.
- kk. Removal or 'chasing' of abandoned piping and conduit.
- ll. Fire caulking or fire safing of existing piping, wiring and conduit thru existing walls.
- mm. Re-work of existing construction, penetrations or openings within identified rated assemblies.
- nn. Direct Digital Controls upgrades to Mechanical and Electrical equipment serving the construction space.
- oo. Final keying.
- pp. X-ray scanning of existing walls or foundations.
- qq. Replacement of main or branch wiring unless specifically identified.
- rr. Final cleaning.
- ss. Winterization of abandoned systems.
- tt. Permits or relocation of historical markers.
- uu. Upgrades to existing mechanical systems as a result of outdated or discontinued materials.
- vv. Patching or repairs of existing spray-on fire proofing or intumescent coatings.
- ww. Masonry wall infills for PA, clocks and speakers.
- xx. Delegated design for Structural, Mechanical, Plumbing and Electrical systems.
- yy. Data or low-voltage sleeves 2" or smaller.
- zz. Acceptance or continuation of existing roofing work or warranties.
- aaa. Sheet metal exhaust hoods
- bbb. Re-insulating of piping or HVAC that was removed for abatement.

Grosse Pointe South High School IA Consolidation – GMP Submission

Assumptions & Clarifications

- ccc. FRP doors, associated hardware and aluminum storefront systems.
- ddd. Temporary heating or air handling equipment, hook-ups or rentals.
- eee. Temporary parking or parking fees.

GROSSE POINTE PUBLIC SCHOOL SYSTEM
 NOVEMBER 2018 BOND PROGRAM
 REQUEST FOR PROPOSAL (RFP) – CONSTRUCTION MANAGEMENT SERVICES
 ATTACHMENT D.2 – COST WORKBOOK (STAFF ALLOCATION MATRIX)
 DECEMBER 20, 2018

PROJECT NUMBER: 220062 Proposal Due Date = 31-Jan-23 REVISED
 PROJECT NAME: Grosse Pointe South - IA Reconfiguration

ESTIMATED CONSTRUCTION COST:
 CONSTRUCTION DELIVERY METHOD: CM *Construction Manager as Constructor, with GMP*

	<u>Preconstruction</u>	<u>Construction</u>	
START DATE:	8/1/2022	6/1/2023	
FINISH DATE:	2/28/2023	1/31/2024	
		<u>Months</u>	<u>Weeks</u>
PROJECT DURATION:	Pre-constr	7	30
	Construction	8	35
			<u>Days</u>
			211
			244

GENERAL CONDITIONS RECAP SUMMARY

DESCRIPTION	EQ. & MATL. TOTAL	LABOR TOTAL	SUB. TOTAL	TOTAL COST
PRECONSTRUCTION SERVICES	\$ -	\$ -	\$ -	\$ -
PRECONSTRUCTION SERVICES REIMBURSABLE EXPENSES	\$ -	\$ -	\$ -	\$ -
CONSTRUCTION PERSONNEL	\$ -	\$ 373,493	\$ -	\$ 373,493
CONSTRUCTION PLANT	\$ 54,964	\$ -	\$ -	\$ 54,964
SERVICES & SAFETY	\$ 39,050	\$ 7,500	\$ -	\$ 46,550
EQUIPMENT/TOOLS	\$ 1,500	\$ -	\$ -	\$ 1,500
MISCELLANEOUS	\$ 2,400	\$ 9,000	\$ 1,000	\$ 12,400
PERMITS, INSURANCE & TAXES	\$ -	\$ -	\$ -	\$ -
TOTAL GENERAL CONDITIONS	\$ 97,914	\$ 389,993	\$ 1,000	\$ 488,907

GENERAL CONDITIONS AS % OF CONSTRUCTION COST = N/A
 CONSTRUCTION MANAGER'S OVERHEAD & PROFIT (%) = 2.85%

Preconstruction Hours: -
 Construction Hours: 4,034

TOTAL ESTIMATED CONSTRUCTION SERVICES AS % OF CONSTRUCTION COST =	2.85%
TOTAL ESTIMATED CONSTRUCTION SERVICES COST =	\$ -

NOTES:

PROJECT NUMBER: 220062 - 65
PROJECT NAME: GPPSS - 2023 Work - GPS IA Reconfiguration
CONSTRUCTION DELIVERY METHOD: Construction Manager as Constructor, with GMP

SUMMARY OF STAFF HOURS

Project Month (Overall)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
2022 2023 2024
Aug-22 Sep-22 Oct-22 Nov-22 Dec-22 Jan-23 Feb-23 Mar-23 Apr-23 May-23 Jun-23 Jul-23 Aug-23 Sep-23 Oct-23 Nov-23 Dec-23 Jan-24 Feb-24 Mar-24

DAY 2 PRECON			Pre-Construction Phase Project Hours																			Pre-Construction	
Personnel/Name	Function	Hrly Rate																				Hours	Cost
Kirsten Deenik	OPS MGR	\$ 161.31																				-	\$ -
Ron Dawson	PX	\$ 182.25																				-	\$ -
Luke Augspurger	SR. PM	\$ 133.77																				-	\$ -
Kim Pease	PM	\$ 104.07																				-	\$ -
TBD	ENGINEER	\$ 74.95																				-	\$ -
E. Walker	ESTIMATING	\$ 81.58																				-	\$ -
A. Prince	ESTIMATING	\$ 55.87																				-	\$ -
N. Kulske	PURCHSE	\$ 86.45																				-	\$ -
D. Aldermann	PURCHSE	\$ 67.87																				-	\$ -
B. Adolph	ACCOUNTING	\$ 63.35																				-	\$ -
N. Bruno	COST	\$ 73.26																				-	\$ -
																						-	\$ -
																						-	\$ -
Pre-Construction Hours:			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -

Construction Months

DAY 2 CONSTRUCTION			Construction Phase Project Hours																			Construction		
Personnel/Name	Function	Hrly Rate																				Hours	Cost	
K. Deenik	OPS MGR	\$ 161.31										2	2	2	2	2	2	2	2	2	2	18	\$ 2,904	
R. Dawson	PX	\$ 182.25					2	2	2	2	1											11	\$ 2,005	
L. Augspurger	SR. PM	\$ 133.77					59	111	119	128	20	8	8	8	8	8	10	11	14	14	14	540	\$ 72,236	
Kim Pease	PM / PE	\$ 104.07					43	48	134	134	128	128	128	128	128	138	138	9	11	54	1,349	\$ 140,390		
S. Cole	Safety Director	\$ 90.82											1	1	1							3	\$ 272	
Engineer 01	FROST	\$ 78.12										132	132	46								310	\$ 24,217	
GPN Media	FROST	\$ 76.97																				-	\$ -	
GPN Kitchen	FROST	\$ 76.97																				-	\$ -	
GPN Clinic	SUPT2	\$ 76.97																				-	\$ -	
GPS IA	SUPT3	\$ 74.47											173	173	173	173	173	173	44	44	87	1,213	\$ 90,332	
GPS IA	ASST SUPT	\$ 52.03																				-	\$ -	
McLaughlin	Safety Manager	\$ 73.13											47	47	47	47						188	\$ 13,748	
	Accounting	\$ 68.13					35	35	35	35	35	33	33	33	33	33	17	19	19		7	402	\$ 27,388	
	Cost																					-	\$ -	
Construction Hours:			-	-	-	2	96	191	204	433	324	217	392	392	392	391	340	343	86	69	162	-	4,034	\$ 373,493

Construction Months

GRAND TOTAL \$ 373,493

PROJECT NUMBER: 220062
 PROJECT NAME: Grosse Pointe South - IA Reconfiguration

ESTIMATED CONSTRUCTION COST: \$ 4,780,000
 CONSTRUCTION DELIVERY METHOD: CM Construction Manager as Constructor, with GMP

START DATE: Preconstruction 8/1/2022 Construction 6/1/2023
 FINISH DATE: 2/28/2023 1/31/2024

PROJECT DURATION: Pre-constr 7 Months 30 Weeks 211 Days
 Construction 8 Months 35 Weeks 244 Days

CODE DESCRIPTION NO.	QTY.	UNIT	UNIT PRICE	(E) EQUIP. & MAT'L	(L) LABOR	(S) SUB-CONTRACTOR	TOTAL COST
CONSTRUCTION PLANT							
E	-	MO		\$ -	\$ -	\$ -	\$ -
E	-	MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E	4.0	MO	\$ 2,250.00	\$ 9,000	\$ -	\$ -	\$ 9,000
E	10.0	MO	\$ 100.00	\$ 1,000	\$ -	\$ -	\$ 1,000
E	2.0	LS	\$ 1,500.00	\$ 3,000	\$ -	\$ -	\$ 3,000
E		LS		\$ -	\$ -	\$ -	\$ -
E	3.0	MO	\$ 800.00	\$ 2,400	\$ -	\$ -	\$ 2,400
E	5.0	MO	\$ 300.00	\$ 1,500	\$ -	\$ -	\$ 1,500
E	2.0	ea	\$ 450.00	\$ 900	\$ -	\$ -	\$ 900
E		MO		\$ -	\$ -	\$ -	\$ -
E	12.0	MO	\$ 685.00	\$ 8,220	\$ -	\$ -	\$ 8,220
E		ea		\$ -	\$ -	\$ -	\$ -
E	31.3	Staff/M	\$ 749.00	\$ 23,444	\$ -	\$ -	\$ 23,444
E	1.0	LS	\$ 4,600.00	\$ 4,600	\$ -	\$ -	\$ 4,600
E	6.0	MO	\$ 100.00	\$ 600	\$ -	\$ -	\$ 600
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E	3.0	MO	\$ 100.00	\$ 300	\$ -	\$ -	\$ 300
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E	-	MO	\$ 450.00	\$ -	\$ -	\$ -	\$ -
E	-	MO	\$ 350.00	\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
CONSTRUCTION PLANT TOTAL				\$ 54,964	\$ -	\$ -	\$ 54,964

PROJECT NUMBER: 220062
 PROJECT NAME: Grosse Pointe South - IA Reconfiguration

ESTIMATED CONSTRUCTION COST: \$ 4,780,000
 CONSTRUCTION DELIVERY METHOD: CM Construction Manager as Constructor, with GMP

START DATE: Preconstruction 8/1/2022 Construction 6/1/2023
 FINISH DATE: 2/28/2023 1/31/2024

PROJECT DURATION: Pre-constr 7 Months 30 Weeks 211 Days
 Construction 8 Months 35 Weeks 244 Days

CODE DESCRIPTION NO.	QTY.	UNIT	UNIT PRICE	(E) EQUIP. & MAT'L	(L) LABOR	(S) SUB-CONTRACTOR	TOTAL COST
SERVICES & SAFETY							
S		LF		\$ -	\$ -	\$ -	\$ -
S		SF		\$ -	\$ -	\$ -	\$ -
S		LF		\$ -	\$ -	\$ -	\$ -
L	1.0	LS	\$ 3,500.00	\$ -	\$ 3,500	\$ -	\$ 3,500
E	1.0	LS	\$ 5,000.00	\$ 5,000	\$ -	\$ -	\$ 5,000
S		LS		\$ -	\$ -	\$ -	\$ -
S		EA		\$ -	\$ -	\$ -	\$ -
S		MO		\$ -	\$ -	\$ -	\$ -
S		LF		\$ -	\$ -	\$ -	\$ -
S		LS		\$ -	\$ -	\$ -	\$ -
S		LS		\$ -	\$ -	\$ -	\$ -
S		LS		\$ -	\$ -	\$ -	\$ -
S		LS		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
S		LS		\$ -	\$ -	\$ -	\$ -
S	-	LS	\$ 1,500.00	\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
L		HR		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		EA		\$ -	\$ -	\$ -	\$ -
E	3.0	MO	\$ 4,500.00	\$ 13,500	\$ -	\$ -	\$ 13,500
E			\$ 10,000.00	\$ -	\$ -	\$ -	\$ -
E	4.0	mo	\$ 2,800.00	\$ 11,200	\$ -	\$ -	\$ 11,200
E		LF		\$ -	\$ -	\$ -	\$ -
E		LF		\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
E		SF		\$ -	\$ -	\$ -	\$ -
L	4.0	ls	\$ 1,000.00	\$ -	\$ 4,000	\$ -	\$ 4,000
E		MO		\$ -	\$ -	\$ -	\$ -
E	1.0	LS	\$ 3,500.00	\$ 3,500	\$ -	\$ -	\$ 3,500
E		LS	\$ 5,000.00	\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
E	6.0	MO	\$ 400.00	\$ 2,400	\$ -	\$ -	\$ 2,400
E	3.0	MO	\$ 150.00	\$ 450	\$ -	\$ -	\$ 450
E		LS		\$ -	\$ -	\$ -	\$ -
E	6.0	MO	\$ 500.00	\$ 3,000	\$ -	\$ -	\$ 3,000
SERVICES & SAFETY TOTAL				\$ 39,050	\$ 7,500	\$ -	\$ 46,550

PROJECT NUMBER: 220062
 PROJECT NAME: Grosse Pointe South - IA Reconfiguration

ESTIMATED CONSTRUCTION COST: \$ 4,780,000
 CONSTRUCTION DELIVERY METHOD: CM Construction Manager as Constructor, with GMP

START DATE: Preconstruction 8/1/2022 Construction 6/1/2023
 FINISH DATE: 2/28/2023 1/31/2024

PROJECT DURATION: Pre-constr Months 7 Weeks 30 Days 211
 Construction 8 35 244

CODE DESCRIPTION NO.	QTY.	UNIT	UNIT PRICE	(E) EQUIP. & MAT'L	(L) LABOR	(S) SUB-CONTRACTOR	TOTAL COST
EQUIPMENT & TOOLS							
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO			\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		EA		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		EA		\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		LS	\$ 1,500.00	\$ -	\$ -	\$ -	\$ -
E		MO		\$ -	\$ -	\$ -	\$ -
E		EA		\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
E	6.0	MO	\$ 250.00	\$ 1,500	\$ -	\$ -	\$ 1,500
EQUIPMENT & TOOLS TOTAL				\$ 1,500	\$ -	\$ -	\$ 1,500

PROJECT NUMBER: 220062
 PROJECT NAME: Grosse Pointe South - IA Reconfiguration

ESTIMATED CONSTRUCTION COST: \$ 4,780,000
 CONSTRUCTION DELIVERY METHOD: CM Construction Manager as Constructor, with GMP

	<u>Preconstruction</u>	<u>Construction</u>		
START DATE:	8/1/2022	6/1/2023		
FINISH DATE:	2/28/2023	1/31/2024		
		<u>Months</u>	<u>Weeks</u>	<u>Days</u>
PROJECT DURATION:	Pre-constr	7	30	211
	Construction	8	35	244

CODE DESCRIPTION NO.	QTY.	UNIT	UNIT PRICE	(E) EQUIP. & MAT'L	(L) LABOR	(S) SUB-CONTRACTOR	TOTAL COST
MISCELLANEOUS							
S		LS		\$ -	\$ -	\$ -	\$ -
S		LS		\$ -	\$ -	\$ -	\$ -
S		days	\$ 300.00	\$ -	\$ -	\$ -	\$ -
L	3.0	mo	\$ 3,000.00	\$ -	\$ 9,000	\$ -	\$ 9,000
S		SF		\$ -	\$ -	\$ -	\$ -
S		SF		\$ -	\$ -	\$ -	\$ -
L		ls		\$ -	\$ -	\$ -	\$ -
S		LS		\$ -	\$ -	\$ -	\$ -
L		HR		\$ -	\$ -	\$ -	\$ -
S		LS		\$ -	\$ -	\$ -	\$ -
L		LS		\$ -	\$ -	\$ -	\$ -
L		LS		\$ -	\$ -	\$ -	\$ -
E	3.0	MO	\$ 300.00	\$ 900	\$ -	\$ -	\$ 900
E		MO		\$ -	\$ -	\$ -	\$ -
E	3.0	MO	\$ 500.00	\$ 1,500	\$ -	\$ -	\$ 1,500
E		LS		\$ -	\$ -	\$ -	\$ -
E		TP		\$ -	\$ -	\$ -	\$ -
S		MO		\$ -	\$ -	\$ -	\$ -
S		LS		\$ -	\$ -	\$ -	\$ -
S	1.0	LS	\$ 1,000.00	\$ -	\$ -	\$ 1,000	\$ 1,000
MISCELLANEOUS TOTAL				\$ 2,400	\$ 9,000	\$ 1,000	\$ 12,400
PERMITS, INSURANCE & TAXES							
E		LS		\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
E		LS		\$ -	\$ -	\$ -	\$ -
S		LS		\$ -	\$ -	\$ -	\$ -
PERMITS, INSURANCE & TAXES TOTAL				\$ -	\$ -	\$ -	\$ -

SUMMARY & ERROR CHECK

EQUIPMENT & MATERIALS SUBTOTAL:	\$ 97,913.70
LABOR SUBTOTAL:	\$ 16,500.00
SUBCONTRACTOR SUBTOTAL:	\$ 1,000.00
UNIDENTIFIED SUBTOTAL:	\$ -
TOTAL:	\$ 115,413.70

TRUE
 TRUE
 TRUE
 TRUE

Turner will be reimbursed a fixed tech charge of \$749.00/manmonth for staff computer, MS office suite, Turner SAP & sharepoint, mobile phones, associated service charges, and IT support. Textura, Waste Tracker, Procure, Navisworks, & P6 software are not included in the tech charge, and will be invoiced separately.



GP SOUTH HIGH SCHOOL -IA CONSOLIDATION TOTALS

BID PACKAGE	BASE BID	Alternate 1 - Boiler Rm	Alternate 2 - Counsel / Principal Heat	QUALIFIED BIDDER	HOLDS	GMP #s
BP 01 - DEMO	\$ 151,160	\$ 67,365	\$ -	Blue Star, Inc.		\$ 218,525
BP 02 - CONCRETE	\$ 243,533	\$ 6,500	\$ -	DSP Constructors	\$ 33,000.00	\$ 283,033
BP 04 - PLUMBING	\$ 344,705	\$ 54,234	\$ 2,188.00	Guideline Mechanical, Inc.	\$ 8,000.00	\$ 409,127
BP 05 - HVAC & CONTROLS	\$ 1,123,000	\$ 1,127,000	\$ 148,000.00	Western Mechanical Contractors Inc.	\$ 57,500.00	\$ 2,455,500
BP 06 - ELECTRICAL	\$ 459,950	\$ 20,760	\$ 2,140.00	Edgewood Electric, LLC	\$ 20,000.00	\$ 502,850
BP 07 - GENERAL TRADES	\$ 459,000			Stenco Construction	\$ 17,000.00	\$ 476,000
BP 08 - Glass & Glazing					\$ 20,000.00	\$ 20,000
BP 10 - FLOORING	\$ 36,500			SHOCK BROTHERS	\$ 33,000.00	\$ 69,500
BP 11 - PAINTING	\$ 114,375			DETROIT SPECTRUM PAINTERS	\$ 11,500.00	\$ 125,875
BP 14 - MASONRY	\$ 235,945			D.C. Byers Company, Inc.	\$ 7,500.00	\$ 243,445
BP 15 - STEEL	\$ 176,995	\$ -	\$ 13,500.00	Savs Welding Service, Inc.	\$ 5,000.00	\$ 195,495
						\$ -
SUB TOTALS	\$ 3,345,163	\$ 1,275,859	\$ 165,828.00		\$ 212,500.00	\$ 4,999,350
PMC/GPPSS BUDGET	\$ 2,708,600	\$ 1,418,100	\$ 104,800.00			\$ 4,231,500
DIFFERENCE	\$ (636,563)	\$ 142,241	\$ (61,028.00)			\$ (767,850)

HOLDS TRACKER	
Package	Amount
03 Concrete	\$ 3,000
03 Concrete	\$ 25,000
03 Concrete	\$ 5,000
04 Plumbing	\$ 8,000
05 HVAC & Controls	\$ 6,000
05 HVAC & Controls	\$ 25,000
05 HVAC & Controls	\$ 6,500
05 HVAC & Controls	\$ 20,000
06 Electrical	\$ 15,000
06 Electrical	\$ 5,000
07 General Trades	\$ 5,000
07 General Trades	\$ 7,500
07 General Trades	\$ 4,500
08 Glass & Glazing	\$ 20,000
10 Flooring	\$ 3,000
10 Flooring	\$ 30,000
11 Painting	\$ 8,000
11 Painting	\$ 3,500
14 Masonry	\$ 7,500
15n Steel	\$ 5,000
	\$ 212,500



JOB: GROSSE POINTE 2023 SUMMER WORK PROGRAM - Grosse Pointe South - IA Consolidation
 TRADE: BP 01 - DEMO
 SPEC SECTIONS:

BID DAY LOWEST BID	
Blue Star, Inc.	= \$ 148,500
GMP LOWEST BID	
Blue Star, Inc.	= \$ 218,525

RECORDER: Kim Pease DATE 1/13/2023

COMPANY	HOMRICH	Blue Star, Inc.	Detroit Dismatting Corp.	Christian Constructors, Inc.		
CONTACT	TOM LANTAGNE	Brian Hindman	John Menzo	SEAN WEBBER		
E-MAIL ADDRESS	tom@hmrch.com	bhindman@bluestar-demo.com	imenzo@detroitdismatting.com	swebber@christianconstructors.com		
PHONE	734.654.9900	734.654.9900	313.438.3366	317.482.0554		
MOBILE	734.732.9793	586-427-9933	313-220-4687			
BASE BID SUBMITTED - IA Consolidated	\$ 214,300	\$ 148,500	\$ 182,000	\$ 237,300		
BID DAY DELIVERABLES						
TURNER BID FORM SUBMITTED	Y	Y	Y	Y		
BID BOND INCLUDED	Y	Y	Y	Y		
EXHIBIT Q - FAMILIAL DISCLOSURE AFFIDAVIT INCLUDED	Y	Y	Y	Y		
EXHIBIT R - IRAN DISLOSURE STATEMENT INCLUDED	Y	Y	Y	Y		
BID CORRESPONDENCE ACKNOWLEDGEMENT						
BID INFORMATION LETTER 001 - 12.08.2022	Y	Y	Y	Y		
BID INFORMATION LETTER 002 - 12.22.2022	Y	Y	Y	Y		
BID INFORMATION LETTER 003 - 1.6.2023	Y	Y	Y	Y		
BID SUBMITTED WITHOUT CLARIFICATION OR EXCEPTIONS	Y	Y		N		
GPS - IA Consolidation - BID DAY TOTAL	\$ 214,300	\$ 148,500	\$ 182,000	\$ 237,300	\$ -	\$ -
POST BID ADJUSTMENTS						
Alternate 1: New Condensing Boiler Array	Y S+ \$147,000	Y S+ \$67,365	Y S+ \$90,218	Y S+ \$96,700		
Alternate 2: Counseling/Office RTU, HVAC	Y	Y	Y	Y		
Scaope Clarifications: Add'l Demo Items Not ACM but shown as by others		Y S+ \$730				
P&P BOND	N	Y S+ \$1,930	N	N		
GPS - IA - GMP TOTAL	\$ 361,300	\$ 218,525	\$ 272,218	\$ 334,000	\$ -	\$ -
ALTERNATES - GP SOUTH						
A1: New Condensing Boiler Array	\$147,000	Y S+ \$66,500	\$90,218	\$96,700		
A2: Counseling/Office RTU, HVAC						
BP 01 A1: Selectively remove gym floor, palletize, and wrap for future use	\$34,000	Y S+ \$15,000	\$90,318	\$57,300		
Bond Rate		1.30%				
Voluntary or Package Specific Alternate 1						
UNIT COSTS:						
1). AS APPLICABLE						
EMR	0.59	0.9	0.66	0.67		
TOTAL MANHOURS	1800	1640	2800	1525		



JOB:	GROSSE POINTE 2023 SUMMER WORK PROGRAM - Grosse Pointe SOUTH - IA					
TRADE:	BP 02 - CONCRETE					
SPEC:						
SECTIONS:						

BID DAY LOWEST BID	
DSP Constructors	= \$ 243,533
GMP LOWEST BID	
DSP Constructors	= \$ 250,033

RECORDER: Kim Pease DATE 1/13/2023

COMPANY CONTACT E-MAIL ADDRESS PHONE MOBILE	Culver Development	DSP Constructors	Kent Companies			
	Jim Hopper jhopper@culverteam.com 248.561.3664 248.561.3664	Victor Ferrini vicf@dspconstructors.com 248-444-6342 248-924-5646	Dean Stacer 616-534-4909 313-347-3047			
Date Last Contacted						
BASE BID SUBMITTED - IA Consolidated	\$ 490,000	\$ 243,533	No Bid			
BID DAY DELIVERABLES						
TURNER BID FORM SUBMITTED	Y	Y				
BID BOND INCLUDED	Y	Y				
EXHIBIT Q - FAMILIAL DISCLOSURE AFFIDAVIT INCLUDED	Y	Y				
EXHIBIT R - IRAN DISLOSURE STATEMENT INCLUDED	Y	Y				
BID CORRESPONDENCE ACKNOWLEDGEMENT						
BID INFORMATION LETTER 001 - 12.08.2022	Y	N				
BID INFORMATION LETTER 002 - 12.22.2022	Y	Y				
BID INFORMATION LETTER 003 - 1.6.2023	Y	Y				
BID SUBMITTED WITHOUT CLARIFICAITONS OR EXCEPTIONS						
GPS - IA - BID DAY TOTAL	\$ 490,000	\$ 243,533	No Bid	\$ -	\$ -	\$ -
POST BID ADJUSTMENTS						
Alternate 1: New Condensing Boiler Array		Y S+	\$6,500			
Alternate 2: Counseling/Office RTU, HVAC		Y S+	\$0			
P&P BOND	N	N				
GPS - IA - GMP TOTAL	\$ 490,000	\$ 250,033	\$ -	\$ -	\$ -	\$ -
ALTERNATES - GP SOUTH						
A1: New Condensing Boiler Array		Y S+	\$6,500			
A1a: Concrete equipment pads. 2- 5' x 4' pads for equipment	\$14,000		\$2,500			
A2: Counseling/Office RTU, HVAC			NA			
BP 02 D1: Eliminate removal of terrazzo flooring demolition Keynote 9.3	-\$8,000	Y S+	-\$1,800			
UNIT COSTS:						
EMR	0.72	0.62				
Manhours	3100	1900				



JOB: GROSSE POINTE 2023 SUMMER WORK PROGRAM - Grosse Pointe SOUTH - IA
 TRADE: BP 04 - PLUMBING
 SPEC:
 SECTIONS:

BID DAY LOWEST BID		
Guideline Mechanical, Inc.	= \$	339,763
GMP LOWEST BID		
Guideline Mechanical, Inc.	= \$	401,127

RECORDER: Kim Pease DATE 1/13/2023

COMPANY CONTACT	FM Syvan, Inc.	Guideline Mechanical, Inc.	Western Mechanical Contractors Inc.			
E-MAIL ADDRESS	Joan Stemm jstemm@syvan-inc.com 248-836-2200	RICH BRANNON rbrannon@guidelinemech.com 586-792-3100	Jim Budzeak jbudzeak@westernmech.com 586-790-0900			
PHONE						
MOBILE						
Date Last Contacted						
BASE BID SUBMITTED - IA Consolidated	\$ 422,000	\$ 339,763	\$ 490,000			
BID DAY DELIVERABLES						
TURNER BID FORM SUBMITTED	Y	Y	Y			
BID BOND INCLUDED	Y	Y	Y			
EXHIBIT Q - FAMILIAL DISCLOSURE AFFIDAVIT INCLUDED	Y	Y	Y			
EXHIBIT R - IRAN DISLOSURE STATEMENT INCLUDED	Y	Y	Y			
BID CORRESPONDENCE ACKNOWLEDGEMENT						
BID INFORMATION LETTER 001 - 12.08.2022	Y	Y	Y			
BID INFORMATION LETTER 002 - 12.22.2022	Y	Y	Y			
BID INFORMATION LETTER 003 - 1.6.2023	Y	Y	Y			
BID SUBMITTED WITHOUT CLARIFICAITONS OR EXCEPTIONS	N	Y	Y			
GPS - IA - PROPOSAL COST	\$ 422,000	\$ 339,763	\$ 490,000	\$ -	\$ -	\$ -
POST BID ADJUSTMENTS						0%
Alternate 1: New Condensing Boiler Array	Y S+ \$65,000	Y S+ \$54,234	\$177,500			
Alternate 2: Counseling/Office RTU, HVAC	N T+ \$2,188	Y S+ \$2,188				
Scope Clarifications	N	Y S+ \$4,942				
P&P BOND	N	N				
GPS - IA - GMP TOTAL	\$ 489,188	\$ 401,127	\$ 667,500	\$ -	\$ -	\$ -
ALTERNATES - GP SOUTH						
A1: New Condensing Boiler Array	Y S+ \$65,000	Y S+ \$54,234	\$177,500			
A2: Counseling/Office RTU, HVAC	N	Y S+ \$2,188				
Bond Rate	1.18%	1.47%				
Voluntary Alternate 1 If awarded both plumbing and Mechanical			Y S- (\$3,000)			
Voluntary Alternate 1 SKF-2 faucet Use T & S TB1126 in lieu of T&S BL-5725-08CRWH4	S- (\$2,700)					
1). AS APPLICABLE						
EMR	0.87	0.7	0.66			
TOTAL MANHOURS	2300	1230	3200			

<h1>Turner</h1>	JOB: GROSSE POINTE 2023 SUMMER WORK PROGRAM - Grosse Pointe SOUTH - IA						BID DAY LOWEST BID	
	TRADE: BP 05 - HVAC & CONTROLS						Western Mechanical Contractors Inc. = \$ 1,123,000	
	SPEC:						GMP LOWEST BID	
	SECTIONS:						Western Mechanical Contractors Inc. = \$ 2,398,000	
RECORDER: Kim Pease						DATE 1/13/2023		
COMPANY CONTACT E-MAIL ADDRESS PHONE MOBILE		FM SYLVAN INC. Joan Stemm jstemm@syvan-inc.com 248-836-2200		Western Mechanical Contractors Inc. JAMES BUDZEAK estimating@westernmech.com 586-790-0900		MSL Mechanical Anthony Lopez 800-762-7122		
Date Last Contacted								
BASE BID SUBMITTED - IA Consolidated		\$ 1,218,000	\$ 1,123,000	No Bid				
BID DAY DELIVERABLES								
TURNER BID FORM SUBMITTED		Y	Y					
BID BOND INCLUDED		Y	Y					
EXHIBIT Q - FAMILIAL DISCLOSURE AFFIDAVIT INCLUDED		Y	Y					
EXHIBIT R - IRAN DISLOSURE STATEMENT INCLUDED		Y	Y					
BID CORRESPONDENCE ACKNOWLEDGEMENT								
BID INFORMATION LETTER 001 - 12.08.2022		Y	Y					
BID INFORMATION LETTER 002 - 12.22.2022		Y	Y					
BID INFORMATION LETTER 003 - 1.6.2023		Y	Y					
BID SUBMITTED WITHOUT CLARIFICAITONS OR EXCEPTIONS		N						
GPS - IA - BID DAY TOTAL		\$ 1,218,000	\$ 1,123,000	No Bid		\$ -	\$ -	
POST BID ADJUSTMENTS								
Alternate 1: New Condensing Boiler Array		Y S+	\$1,642,000	Y	\$1,127,000			
Alternate 2: Counseling/Office RTU, HVAC		Y S+	\$152,000	Y	\$148,000			
P&P BOND		N		N				
GPS - IA - GMP TOTAL		\$ 3,012,000	\$ 2,398,000			\$ -	\$ -	
ALTERNATES - GP SOUTH								
A1: New Condensing Boiler Array			\$1,642,000		\$1,127,000			
A2: Counseling/Office RTU, HVAC			\$152,000		\$148,000			
BP 05 A: Provide and install 6' x 7' x 2' insulated roof curb and metal curb cap on boiler room roof. Removal of roof deck by demolition.			\$15,000		\$4,500			
BP 05 Alternate B – Provide VFD's for EF-1 and EF-2. Wiring and installation by electrical			\$13,000		\$18,500			
BP 05 Alternate C – Provide signal wall uninsulated round duct in exposed areas.			(\$15,000)		(\$25,000)			
BP 05 Alternate D – Provide CPVC boiler breaching in lieu of double wall stainless steel for all breaching indicated in alternate # 1.			(\$3,000)		(\$20,000)			
Voluntary or Package Specific Alternate 1-Provide ERU-1/RTU-2 from Thermal Netics- 30 week lead time					(\$40,000)			
Voluntary or Package Specific Alternate 1-Use ICE Western ERU and AAON RTU for Base bid			\$20,000					
1). AS APPLICABLE								
EMR			0.83		0.66			
TOTAL MANHOURS			2111		tbd			

<h1>Turner</h1>	JOB: GROSSE POINTE 2023 SUMMER WORK PROGRAM - Grosse Pointe SOUTH - IA					BID DAY LOWEST BID	
	TRADE: BP 06 - ELECTRICAL					Edgewood Electric, LLC = \$ 459,950	
	SPEC:					GMP LOWEST BID	
	SECTIONS:					Edgewood Electric, LLC = \$ 482,850	
RECORDER: Kim Pease					DATE 1/13/2023		
COMPANY	Fontanesi & Kann Co.	Edgewood Electric, LLC	Amcomm Telecommunications	DES Electric, LLC			
CONTACT	Phil Perry	Marvin Rice	Matt Higgins	JOHN YAQUINTO			
E-MAIL ADDRESS	phil.perry@ezhvac.com	marvinr@edgewoodelectric.com		iyakuinto@des-electric.com			
PHONE	248-543-0095	313-263-0440	(248) 698-8868	313-223-2800			
MOBILE		313-338-4750		586-916-8451			
Date Last Contacted							
BASE BID SUBMITTED - IA Consolidated	No Bid	\$ 459,950	No Bid	\$ 515,874			
BID DAY DELIVERABLES							
TURNER BID FORM SUBMITTED	Y		Y				
BID BOND INCLUDED	Y		Y				
EXHIBIT Q - FAMILIAL DISCLOSURE AFFIDAVIT INCLUDED	Y		Y				
EXHIBIT R - IRAN DISLOSURE STATEMENT INCLUDED	Y		Y				
BID CORRESPONDENCE ACKNOWLEDGEMENT							
BID INFORMATION LETTER 001 - 12.08.2022	Y		Y				
BID INFORMATION LETTER 002 - 12.22.2022	Y		Y				
BID INFORMATION LETTER 003 - 1.6.2023	Y		Y				
BID SUBMITTED WITHOUT CLARIFICAITONS OR EXCEPTIONS							
GPS - IA - BID DAY TOTAL	No Bid	\$ 459,950	No Bid	\$ 515,874	\$ -	\$ -	
POST BID ADJUSTMENTS							
Alternate 1: New Condensing Boiler Array	Y	S+ \$20,760	Y	S+ \$53,920			
Alternate 2: Counseling/Office RTU, HVAC	Y	S+ \$2,140	Y	S+ \$5,412			
P&P BOND	N		Y	S+ \$12,896			
GPS - IA - GMP TOTAL		\$ 482,850		\$ 588,102	\$ -	\$ -	
ALTERNATES - GP SOUTH							
A1: New Condensing Boiler Array		\$20,760		\$53,920			
A2: Counseling/Office RTU, HVAC		\$2,140		\$5,412			
Voluntary or Package Specific Alternate 1							
UNIT COSTS:							
1). Removal of Rotary Phone and add cover plate				\$ 45.00			
EMR		0.57		0.46			
TOTAL MANHOURS		2250		2245			



JOB: GROSSE POINTE 2023 SUMMER WORK PROGRAM - Grosse Pointe SOUTH - IA
 TRADE: BP 07 - GENERAL TRADES
 SPEC:
 SECTIONS:

BID DAY LOWEST BID	
Stenco Construction	= \$ 459,000
GMP LOWEST BID	
Stenco Construction	= \$ 459,000

RECORDER: Kim Pease

DATE 1/13/2023

	CLARK CONTRACTING SERVICES	MIG Construction	NORTH AMERICAN CONSTRUCTION	PONTIAC CEILING & PARTITION, LLC	Hicks Construction Company	Stenco Construction
COMPANY CONTACT	Laura Ottman	Mike Turri	BILL QUINN	JUSTIN GULEWICH	Brian Orlowski	Andrew Henry
E-MAIL ADDRESS	lottman@clarkcc.com		bquinn@nae-ml.com	gulewicz@pcca-receusa.com	borlowski@hicksconstructionco.com	
PHONE	231.344.2061	313-964-3155	586.498.9003 x.200	248.332.0252	586-566-5050	734-793-4719
MOBILE		586-222-9316	248.884.0151	248.789.2896		734-787-7126
BASE BID SUBMITTED - IA Consolidated	\$ 579,400	\$ 767,226	\$ 566,076	\$ 702,000	\$ 837,000	\$ 459,000
BID DAY DELIVERABLES						
TURNER BID FORM SUBMITTED	Y	N	Y	Y	Y	Y
BID BOND INCLUDED	Y	Y	Y	Y	Y	Y
EXHIBIT Q - FAMILIAL DISCLOSURE AFFIDAVIT INCLUDED	Y	Y	Y	Y	Y	Y
EXHIBIT R - IRAN DISLOSURE STATEMENT INCLUDED	Y	Y	Y	Y	Y	Y
BID CORRESPONDENCE ACKNOWLEDGEMENT						
BID INFORMATION LETTER 001 - 12.08.2022	Y	N	Y	Y	Y	Y
BID INFORMATION LETTER 002 - 12.22.2022	Y	N	Y	Y	Y	Y
BID INFORMATION LETTER 003 - 1.6.2023	Y	N	Y	Y	Y	Y
BID SUBMITTED WITHOUT CLARIFICAITONS OR EXCEPTIONS	N	N	Y	Y	Y	N
GPS - IA - BID DAY TOTAL	\$ 579,400	\$ 767,226	\$ 566,076	\$ 702,000	\$ 837,000	\$ 459,000
POST BID ADJUSTMENTS						
Alternate 1: New Condensing Boiler Array						
Alternate 2: Counseling/Office RTU, HVAC						
P&P BOND	N		Y S+ \$4,283	N	Y S+ \$10,500	N
GPS - IA - GMP TOTAL	\$ 579,400	\$ -	\$ 570,359	\$ 702,000	\$ 847,500	\$ 459,000
ALTERNATES - GP SOUTH						
A1: New Condensing Boiler Array						
A2: Counseling/Office RTU, HVAC						
Voluntary or Package Specific Alternate 1 Delete Electromagnetic release for garage						-\$1,155
Vol Alt. A7.10D Acoustical Items Listed as alternate #2	\$14,300					
1). AS APPLICABLE						
EMR	0.93		0.76	0.97	0.87	1
TOTAL MANHOURS	1690		1920	2700	4700	1200



JOB:	GROSSE POINTE 2023 SUMMER WORK PROGRAM - Grosse Pointe SOUTH - IA					
TRADE:	BP 08 Glass & Glazing					
SPEC:						
SECTIONS:						

BID DAY LOWEST BID	
#N/A	= #N/A
GMP LOWEST BID	
#N/A	= #N/A

RECORDER: Kim Pease

DATE 1/13/2023

	Bucher & Butcher Construction	Roseville Glass Co, LLC	United Glass Mirror			
COMPANY CONTACT	Paul Bassett	Sean Lewis	Frank James			
E-MAIL ADDRESS						
PHONE	248-852-2323	586-863-3868	586-949-6075			
MOBILE						
BASE BID SUBMITTED - IA Consolidated						
BID DAY DELIVERABLES						
TURNER BID FORM SUBMITTED						
BID BOND INCLUDED						
EXHIBIT Q - FAMILIAL DISCLOSURE AFFIDAVIT INCLUDED						
EXHIBIT R - IRAN DISLOSURE STATEMENT INCLUDED						
BID CORRESPONDENCE ACKNOWLEDGEMENT						
BID INFORMATION LETTER 001 - 12.08.2022						
BID INFORMATION LETTER 002 - 12.22.2022						
BID INFORMATION LETTER 003 - 1.6.2023						
BID SUBMITTED WITHOUT CLARIFICAITONS OR EXCEPTIONS						
GPS - IA - BID DAY TOTAL	\$ -	\$ -	\$ -			\$ -
POST BID ADJUSTMENTS						
P&P BOND						
GPS - IA - GMP TOTAL					\$ -	\$ -
ALTERNATES - GP SOUTH						
A1: New Condensing Boiler Array						
A2: Counseling/Office RTU, HVAC						
220061 - D1:						
UNIT COSTS:						
1). AS APPLICABLE						
EMR						
TOTAL MANHOURS						



JOB:	GROSSE POINTE 2023 SUMMER WORK PROGRAM - Grosse Pointe SOUTH - IA					
TRADE:	BP 10 - FLOORING					
SPEC:						
SECTIONS:						

BID DAY LOWEST BID		
SHOCK BROTHERS	= \$	36,500
GMP LOWEST BID		
SHOCK BROTHERS	= \$	36,500

RECORDER: Kim Pease DATE 1/13/2023

COMPANY	CONTINENTAL INTERIOS, INC.	SHOCK BROTHERS	CONTINENTAL CONTRACTING CO	OMEGA FLOORS		
CONTACT	ALEXANDER MOLL	CHARLES SHOCK	Xhuliano Pjetrushi	Julie Jones		
E-MAIL ADDRESS	alex@contfloors.com	charles@shockbrothers.com		julie@omegafloors.com		
PHONE	248-616-1183	586-585-7470		586-218-6800		
MOBILE	248-229-7108	586-206-6504	586-489-3957	586-201-2575		
BASE BID SUBMITTED - IA Consolidated	\$ 59,500	\$ 36,500	No Bid	\$ 41,593		
BID DAY DELIVERABLES						
TURNER BID FORM SUBMITTED	Y	Y		N		
BID BOND INCLUDED	Y	Y		Y		
EXHIBIT Q - FAMILIAL DISCLOSURE AFFIDAVIT INCLUDED	Y	Y		Y		
EXHIBIT R - IRAN DISLOSURE STATEMENT INCLUDED	Y	Y		Y		
BID CORRESPONDENCE ACKNOWLEDGEMENT						
BID INFORMATION LETTER 001 - 12.08.2022	Y	Y		N		
BID INFORMATION LETTER 002 - 12.22.2022	Y	Y		N		
BID INFORMATION LETTER 003 - 1.6.2023	Y	Y		N		
BID SUBMITTED WITHOUT CLARIFICAIONS OR EXCEPTIONS	Y	Y		Y		
GPS - IA - BID DAY TOTAL	\$ 59,500	\$ 36,500	No Bid	\$ 41,593		
POST BID ADJUSTMENTS						
Alternate 1: New Condensing Boiler Array						
Alternate 2: Counseling/Office RTU, HVAC						
P&P BOND	N	N		Y	\$832	
GPS - IA - GMP TOTAL	\$ 59,500	\$ 36,500	\$ -	\$ 42,425		\$ -
ALTERNATES - GP SOUTH						
A1: New Condensing Boiler Array						
A2: Counseling/Office RTU, HVAC						
Voluntary or Package Specific Alternate 1						
UNIT COSTS:						
1). AS APPLICABLE						
EMR	0.7	0.97				
TOTAL MANHOURS	250	170				



JOB:	GROSSE POINTE 2023 SUMMER WORK PROGRAM - Grosse Pointe SOUTH - IA					
TRADE:	BP 11 - PAINTING					
SPEC						
SECTIONS:						

BID DAY LOWEST BID	
CONTINENTAL CONTRACTING CO.	= \$ 90,000
GMP LOWEST BID	
DETROIT SPECTRUM PAINTERS	= \$ 114,375

RECORDER: Kim Pease DATE 1/13/2023

COMPANY CONTACT	CONTINENTAL CONTRACTING CO.	MADIAS BROTHERS	Classic	DETROIT SPECTRUM PAINTERS	Eugenio Painting	
E-MAIL ADDRESS	xhuliano@continentalcontractingco.co	jim@madiasbrothers.com		james@detroitspectrum.com	dennis@eugeniopainting.com	
PHONE	586-489-3957	313-272-6330		586-755-0055	313-886-7650	
MOBILE				596-940-0487	313-886-1951	
BASE BID SUBMITTED - IA Consolidated	\$ 90,000	\$ 248,300	No Bid	\$ 114,375	No Bid	
BID DAY DELIVERABLES						
TURNER BID FORM SUBMITTED	Y	Y		Y		
BID BOND INCLUDED	Y	Y		Y		
EXHIBIT Q - FAMILIAL DISCLOSURE AFFIDAVIT INCLUDED	Y	Y		Y		
EXHIBIT R - IRAN DISLOSURE STATEMENT INCLUDED	Y	Y		Y		
BID CORRESPONDENCE ACKNOWLEDGEMENT						
BID INFORMATION LETTER 001 - 12.08.2022	N	Y		Y		
BID INFORMATION LETTER 002 - 12.22.2022	N	Y		Y		
BID INFORMATION LETTER 003 - 1.6.2023	N	Y		Y		
BID SUBMITTED WITHOUT CLARIFCAITONS OR EXCEPTIONS		Y		Y		
GPS -IA - BID DAY TOTAL	\$ 90,000	\$ 248,300	No Bid	\$ 114,375	No Bid	\$ -
POST BID ADJUSTMENTS						
Alternate 1: New Condensing Boiler Array						
Alternate 2: Counseling/Office RTU, HVAC						
Scope Clarifications - Epoxy Coating	N T+	\$30,000 Y		Y		
P&P BOND	Y S+	\$1,200 N		N		
GPS - IA - GMP TOTAL	\$ 121,200	\$ 248,300		\$ 114,375		\$ -
ALTERNATES - GP SOUTH						
A1: New Condensing Boiler Array						
A2: Counseling/Office RTU, HVAC						
Voluntary or Package Specific Alternate 1						
UNIT COSTS:						
1). AS APPLICABLE						
EMR	0.95	0.63		0.9		
TOTAL MANHOURS	1000	2400		1200		



JOB:	GROSSE POINTE 2023 SUMMER WORK PROGRAM - Grosse Pointe SOUTH - IA					
TRADE:	BP 14 - MASONRY					
SPEC:						
SECTIONS:						

BID DAY LOWEST BID		
D.C. Byers Company, Inc.	= \$	235,945
GMP LOWEST BID		
D.C. Byers Company, Inc.	= \$	235,945

RECORDER: Kim Pease DATE 1/13/2023

COMPANY	D.C. Byers Company, Inc.	HMC MASON CONTRACTORS				
CONTACT	Chris Vanover	HOWARD HICKS				
E-MAIL ADDRESS	cvanover@dcbymersdetroit.com	jgentile@hicksmasonry.com				
PHONE	313-875-0545	886-566-3844				
MOBILE						
Date Last Contacted						
BASE BID SUBMITTED - IA Consolidated	\$ 235,945	\$ 269,650				
BID DAY DELIVERABLES						
TURNER BID FORM SUBMITTED	Y	Y				
BID BOND INCLUDED	Y	Y				
EXHIBIT Q - FAMILIAL DISCLOSURE AFFIDAVIT INCLUDED	Y	Y				
EXHIBIT R - IRAN DISLOSURE STATEMENT INCLUDED	Y	Y				
BID CORRESPONDENCE ACKNOWLEDGEMENT						
BID INFORMATION LETTER 001 - 12.08.2022	Y	Y				
BID INFORMATION LETTER 002 - 12.22.2022	Y	Y				
BID INFORMATION LETTER 003 - 1.6.2023	Y	Y				
BID SUBMITTED WITHOUT CLARIFICAITONS OR EXCEPTIONS	Y	Y				
GPS - IA - PROPOSAL COST	\$ 235,945	\$ 269,650			\$ -	\$ -
POST BID ADJUSTMENTS						
Alternate 1: New Condensing Boiler Array						
Alternate 2: Counseling/Office RTU, HVAC						
P&P BOND	N	Y	\$3,640			
GPS - IA - GMP TOTAL	\$ 235,945	\$ 273,290			\$ -	\$ -
ALTERNATES - GP SOUTH						
A1: New Condensing Boiler Array						
A2: Counseling/Office RTU, HVAC						
Voluntary or Package Specific Alternate 1						
UNIT COSTS:						
1). AS APPLICABLE						
EMR	0.75	0.99				
TOTAL MANHOURS	1400	1700				



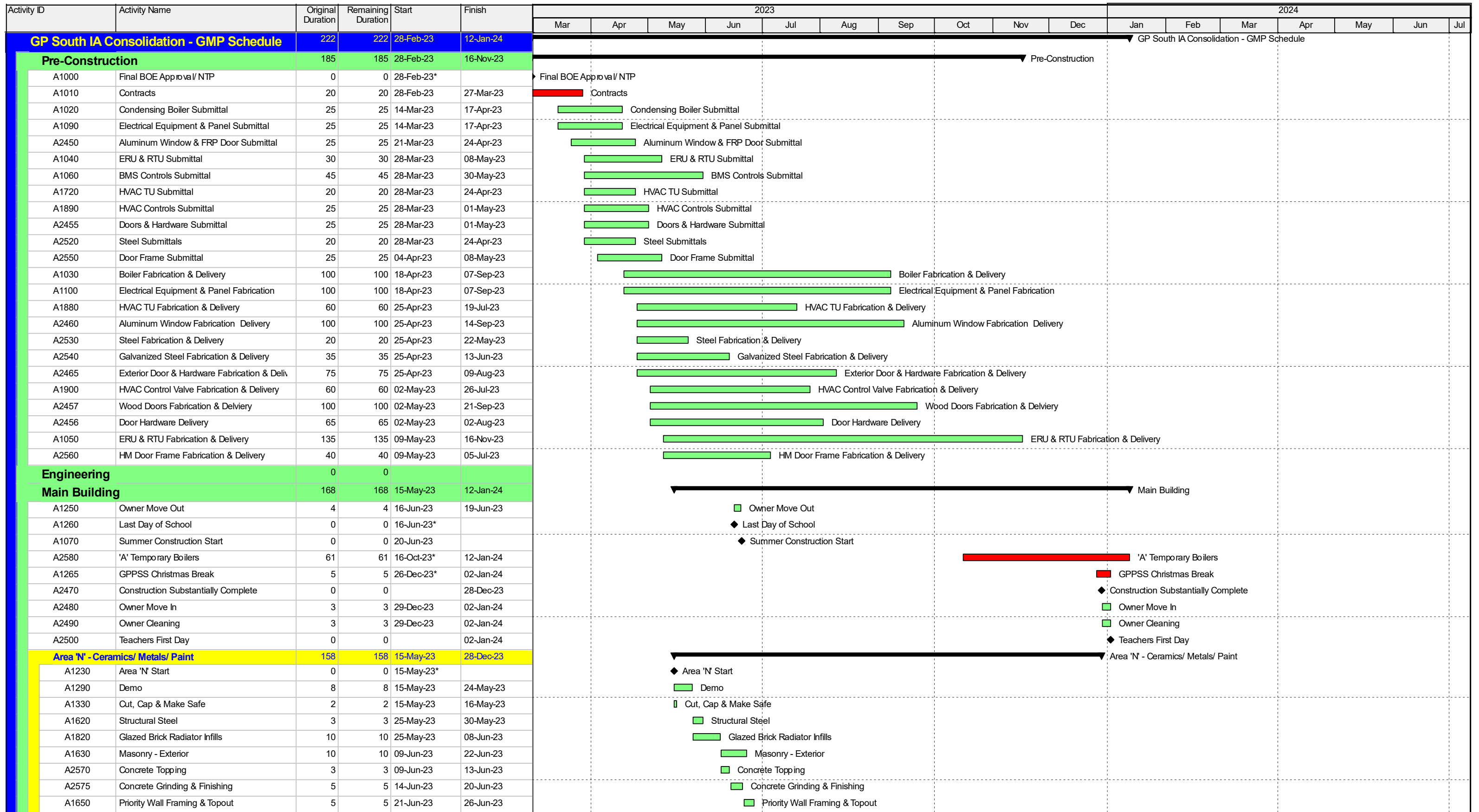
JOB: GROSSE POINTE 2023 SUMMER WORK PROGRAM - Grosse Pointe SOUTH - IA
 TRADE: BP 15 - STEEL
 SPEC:
 SECTIONS:

BID DAY LOWEST BID		
Nelson Iron Works	= \$	171,550
GMP LOWEST BID		
Savs Welding Service, Inc.	= \$	190,495

RECORDER: Kim Pease

DATE 1/13/2023

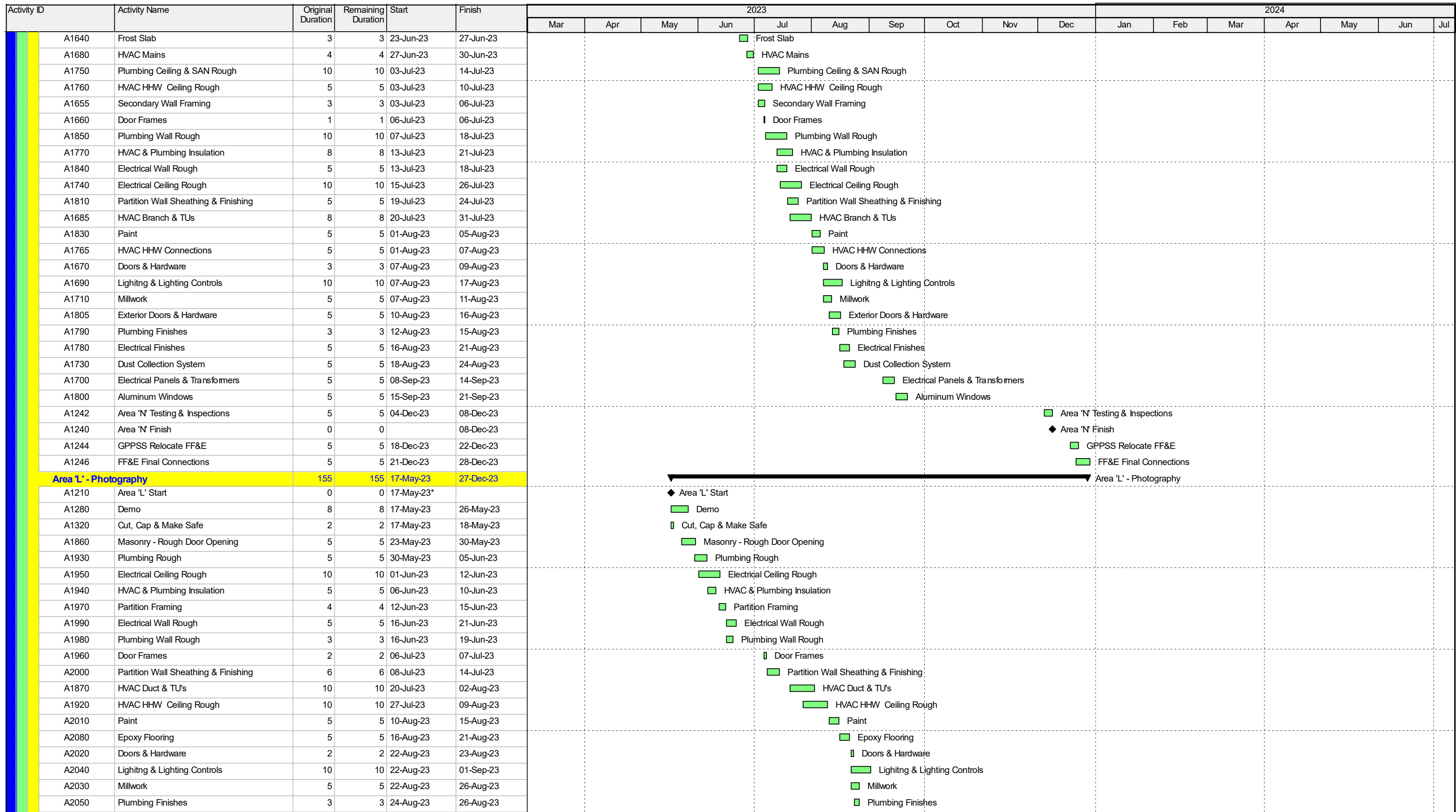
	Casadei Steel, Inc.	Savs Welding Service, Inc.	Nelson Iron Works			
COMPANY						
CONTACT	Brian Artiss	Thomas Saville	John Knill			
E-MAIL ADDRESS	bartiss@casadeistell.com	thomas@savswelding.com	estimating@nelsonironworks.com			
PHONE	586-698-2898	313-841-3430	313-925-5355 Ext 107			
MOBILE	248-930-1207					
BASE BID SUBMITTED - IA Consolidated	\$ 253,140	\$ 176,995	\$ 171,550			
BID DAY DELIVERABLES						
TURNER BID FORM SUBMITTED	Y	Y	Y			
BID BOND INCLUDED	Y	Y	Y			
EXHIBIT Q - FAMILIAL DISCLOSURE AFFIDAVIT INCLUDED	Y	Y	Y			
EXHIBIT R - IRAN DISLOSURE STATEMENT INCLUDED	Y	Y	Y			
BID CORRESPONDENCE ACKNOWLEDGEMENT						
BID INFORMATION LETTER 001 - 12.08.2022	Y	Y	N			
BID INFORMATION LETTER 002 - 12.22.2022	Y	Y	N			
BID INFORMATION LETTER 003 - 1.6.2023	Y	Y	N			
BID SUBMITTED WITHOUT CLARIFICAITONS OR EXCEPTIONS	Y	Y	N	Have a whole sheet of exclusions		
GPS - IA- BID DAY TOTAL	\$ 253,140	\$ 176,995	\$ 171,550			\$ -
POST BID ADJUSTMENTS						
Alternate 1: New Condensing Boiler Array						
Alternate 2: Counseling/Office RTU, HVAC		Y S+	\$13,500	N T+	\$13,500	
P&P BOND	N	N	Y S+		\$1,860	
GPS - IA - GMP TOTAL	\$ 253,140	\$ 190,495			\$ -	\$ -
ALTERNATES - GP SOUTH						
A1: New Condensing Boiler Array						
A2: Counseling/Office RTU, HVAC			\$13,500			
UNIT COSTS:						
1). AS APPLICABLE						
EMR	0.72	0.77				
TOTAL MANHOURS	700	304				
ACTION ITEMS / ALLOWANCE & HOLDS						



- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

GP South IA Consolidation - GMP Schedule

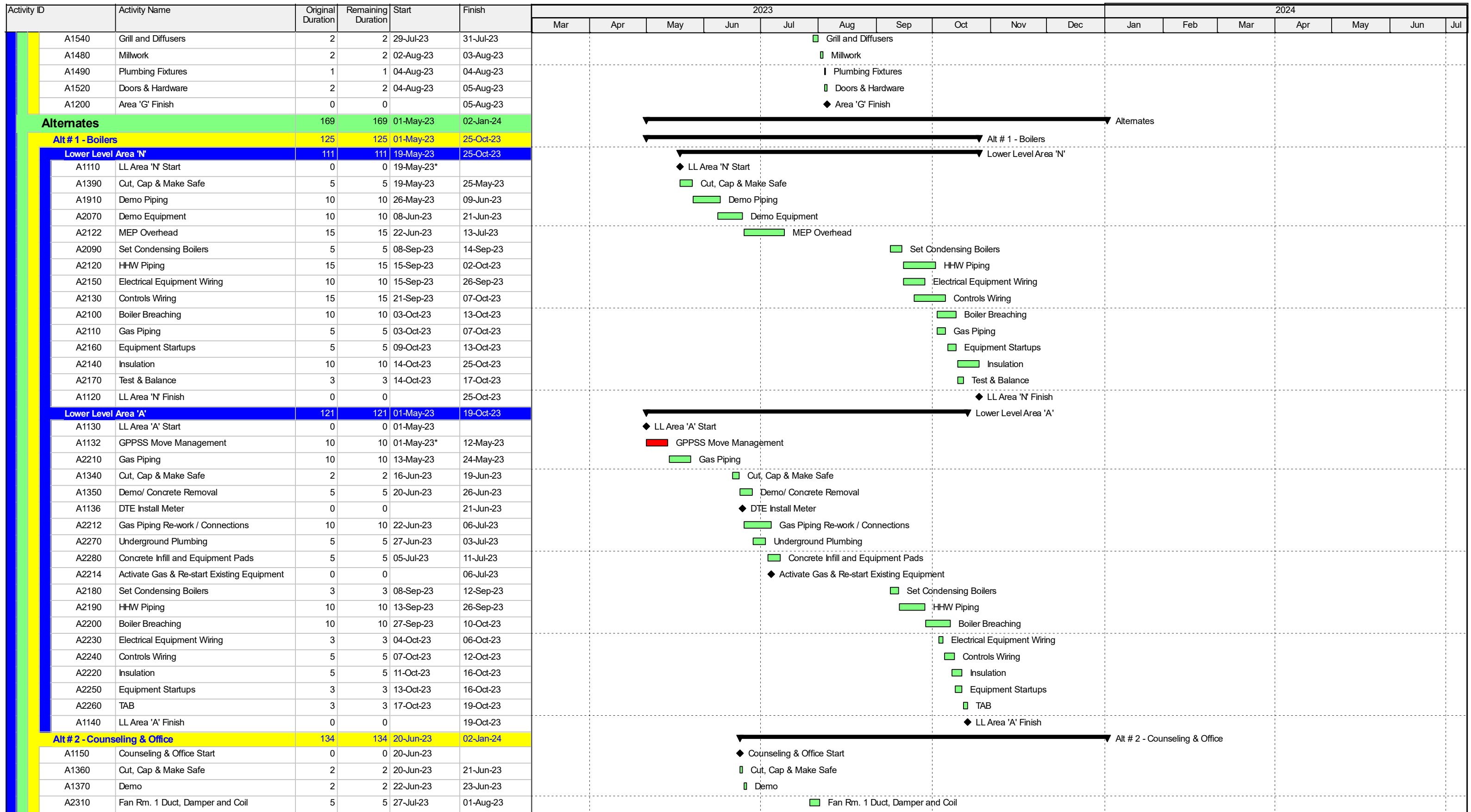
Date	Revision	Checked	Approved
10-Nov-22	Day 2 Precon - 10NOV22 update	LBA	LBA
18-Nov-22	Day 2 Precon - 18NOV22 update	LBA	
30-Jan-23	GPM Schedule	LBA	



■ Actual Work
■ Remaining Work
■ Critical Remaining Work
◆ Milestone
▶ Summary

GP South IA Consolidation - GMP Schedule

Date	Revision	Checked	Approved
10-Nov-22	Day 2 Precon - 10NOV22 update	LBA	LBA
18-Nov-22	Day 2 Precon - 18NOV22 update	LBA	
30-Jan-23	GPM Schedule	LBA	



GP South IA Consolidation - GMP Schedule

- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

Date	Revision	Checked	Approved
10-Nov-22	Day 2 Precon - 10NOV22 update	LBA	LBA
18-Nov-22	Day 2 Precon - 18NOV22 update	LBA	
30-Jan-23	GPM Schedule	LBA	

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	2023												2024					
						Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
A2290	HHW Piping	5	5	02-Aug-23	07-Aug-23						■ HHW Piping												
A2322	Fam Rm Controls	5	5	02-Aug-23	08-Aug-23						■ Fam Rm Controls												
A2300	Insulation	2	2	08-Aug-23	09-Aug-23						■ Insulation												
A1160	Counseling Finish	0	0		08-Aug-23						◆ Counseling Finish												
A2330	Set RTU-1	1	1	26-Dec-23	26-Dec-23																		
A2340	Grills & Diffusers	1	1	27-Dec-23	27-Dec-23																		
A2320	RTU 1 - Final Connections @ Start-up	3	3	28-Dec-23	30-Dec-23																		
A1162	Office Finish	0	0		02-Jan-24																		

- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone
- ▼ Summary

GP South IA Consolidation - GMP Schedule

Page 5 of 5

Date	Revision	Checked	Approved
10-Nov-22	Day 2 Precon - 10NOV22 update	LBA	LBA
18-Nov-22	Day 2 Precon - 18NOV22 update	LBA	
30-Jan-23	GPM Schedule	LBA	

Current Drawings

Drawing No.	Drawing Title	Revision	Drawing Date	Received Date	Set
Architectural					
1	Title Sheet	1	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A0.01	Architectural Reference Sheet	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
A0.02	Composite Code Plans	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
A0.03	Partition Legend and Details	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
A2.00	Composite Lower Level Floor Plan	0	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
A2.00A	Unit A Lower Level Floor Plan	1	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A2.10	First Floor Composite Floor Plan	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
A2.10A	Unit A First Floor Plan	1	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A2.10G	Unit G First Floor Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A2.10L	Unit L First Floor Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A2.10N	Unit N First Floor Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A2.20	Second Floor Composite Floor Plan	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
A2.20F	Unit F Second Floor Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A2.20N	Unit N Second Floor Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A2.40	Composite Roof Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A2.41	Partial Roof Plan	1	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A3.01	Door Schedule, Frame Types and Details	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A3.02	Room Finish Schedules	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A3.03	Material and Color Schedule	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A4.01	Exterior Elevations	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A4.02	Exterior Elevations	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A4.03	Exterior Elevations	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A4.05	Building Sections	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A5.01	EPDM Roofing Details	0	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
A5.02	Typical Construction Details	1	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A5.03	Wall Sections	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A5.04	Wall Sections	0	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A5.20	Enlarged Details	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A6.01	Interior Elevations	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A6.02	Interior Elevations	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A6.03	Interior Elevations	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A6.04	Interior Elevations	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A6.05	Interior Elevations	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)

Drawing No.	Drawing Title	Revision	Drawing Date	Received Date	Set
A7.10	Composite First Floor Reflected Ceiling Plan	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
A7.10D	Unit D First Floor Reflected Ceiling Plan	1	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A7.10F	Unit F First Floor Reflected Ceiling Plan	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
A7.10G	Unit G First Floor Reflected Ceiling Plan	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
A7.10L	Unit L First Floor Reflected Ceiling Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A7.10N	Unit N First Floor Reflected Ceiling Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A7.20	Composite Second Floor Reflected Ceiling Plan	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
A7.20F	Unit F Second Floor Reflected Ceiling Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A7.20N	Unit N Second Floor Reflected Ceiling Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A8.10	Composite First Floor Equipment Plan	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
A8.10G	Unit G First Floor Equipment Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A8.10L	Unit L First Floor Equipment Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A8.10N	Unit N First Floor Equipment Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A8.20F	Unit F Second Floor Equipment Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A9.10	Composite First Floor Pattern Plan	0	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
A9.10G	Unit G First Floor Pattern Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A9.10L	Unit L First Floor Pattern Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A9.10N	Unit N First Floor Pattern Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
A9.20	Composite Second Floor Pattern Plan	0	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
A9.20F	Unit F Second Floor Pattern Plan	0	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
AD2.00	Demolition Notes and Details	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
AD2.00A	Unit A Lower Level Demolition Plan	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
AD2.10A	Unit A First Floor Demolition Plan	0	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
AD2.10F	Unit F First Floor Demolition Plan	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
AD2.10G	Unit G First Floor Demolition Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
AD2.10L	Unit L First Floor Demolition Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
AD2.10N	Unit N First Floor Demolition Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
AD2.20F	Unit F Second Floor Demolition Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
Electrical					
E0.01	Electrical Standards and Drawing Index	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E0.02	Electrical Standard Schedules	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E0.03	Electrical Standard Schedules	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
E0.04	Lower Level Electrical Composite Plan	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E0.05	FIRST FLOOR ELECTRICAL COMPOSITE PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E0.06	SECOND FLOOR ELECTRICAL COMPOSITE PLAN CALE 1/32 T - O	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E2.10F	Unit F First Floor Lighting New Work Plan	0	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E2.10G	UNIT G FIRST FLOOR LIGHTING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E2.10L	UNIT L FIRST FLOOR LIGHTING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)



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Job #: 220062.05 GP South IA Consolidation
707 Vernier Rd
Grosse Pointe Woods, Michigan 48236

Drawing No.	Drawing Title	Revision	Drawing Date	Received Date	Set
E2.10N	UNIT N FIRST FLOOR LIGHTING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E2.20F	UNIT F SECOND FLOOR LIGHTING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E2.20N	UNIT N SECOND FLOOR LIGHTING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E3.00A	UNIT A LOWER LEVEL POWER AND AUXILIARY SYSTEMS NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E3.00N	UNIT N LOWER LEVEL POWER AND AUXILIARY SYSTEMS NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E3.10D	UNIT D FIRST FLOOR POWER AND AUXILIARY SYSTEMS NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E3.10G	Unit G First Floor Power & Auxiliary Systems New Work Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
E3.10L	UNIT L FIRST FLOOR POWER AND AUXILIARY SYSTEMS NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E3.10N	UNIT N FIRST FLOOR POWER AND AUXILIARY SYSTEMS NEW WORK PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
E3.20F	UNIT F SECOND FLOOR POWER AND AUXILIARY SYSTEMS NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E3.20L	UNIT L SECOND FLOOR POWER AND AUXILIARY SYSTEMS NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E3.20N	UNIT N SECOND FLOOR POWER AND AUXILIARY SYSTEMS NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E5.01	ONE LINE DIAGRAM	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E5.02	PANEL SCHEDULES	0	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E5.03	PANEL SCHEDULES	0	10/17/2022	10/18/2022	Construction Drawings
E7.01	ELECTRICAL DETAILS AND DIAGRAMS	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E7.02	ELECTRICAL DETAILS AND DIAGRAMS	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
E7.03	ELECTRICAL DETAILS AND DIAGRAMS	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
ED1.00N	UNIT N LOWER LEVEL ELECTRICAL DEMOLITION PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
ED1.10D	Unit D First Floor Electrical DEMOLITION PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
ED1.10F	236 Mill Street Rochester, MI 48307 T 248.656.1377 F 248.656.7746	0	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
ED1.10G	UNIT G FIRST FLOOR Electrical Demolition Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
ED1.10L	Unit L FIRST FLOOR ELECTRICAL DEMOLITION PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
ED1.10N	UNIT N FIRST FLOOR Electrical Demolition Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
ED1.20F	UNIT F SECOND Floor Electrical Demolition Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
Mechanical					
M0.01	MECHANICAL STANDARDS AND DRAWING INDEX	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M1.00A	UNIT A UNDERGROUND PLUMBING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M2.00A	UNIT A LOWER LEVEL PLUMBING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M2.00G	UNIT G LOWER LEVEL PLUMBING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M2.00L	UNIT L LOWER LEVEL PLUMBING NEW WORK PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
M2.00N	UNIT N LOWER LEVEL PLUMBING NEW WORK PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
M2.10A	UNIT A FIRST FLOOR PLUMBING NEW WORK PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
M2.10F	UNIT F FIRST FLOOR PLUMBING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M2.10G	UNIT G FIRST FLOOR PLUMBING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M2.10L	UNIT L FIRST FLOOR PLUMBING NEW WORK PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
M2.10N	UNIT N FIRST FLOOR PLUMBING NEW WORK PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
M2.20F	UNIT F SECOND FLOOR PLUMBING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)

Drawing No.	Drawing Title	Revision	Drawing Date	Received Date	Set
M2.20N	UNIT N SECOND FLOOR PLUMBING NEW WORK PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
M2.30L	UNIT L THIRD FLOOR PLUMBING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M2.30N	UNIT N THIRD FLOOR PLUMBING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M3.00A	UNIT A LOWER LEVEL HVAC PIPING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M3.00D	UNIT D LOWER LEVEL HVAC PIPING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M3.00N	UNIT N LOWER LEVEL HVAC PIPING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M3.10L	UNIT L FIRST FLOOR HVAC PIPING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M3.10N	UNIT N FIRST FLOOR HVAC PIPING NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M4.00A	UNIT A LOWER LEVEL SHEET METAL NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M4.00D	UNIT D LOWER LEVEL SHEET METAL NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M4.00N	UNIT N LOWER LEVEL SHEET METAL NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M4.10C	UNIT C FIRST FLOOR SHEET METAL NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M4.10D	UNIT D FIRST FLOOR SHEET METAL NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M4.10G	UNIT G FIRST FLOOR SHEET METAL NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M4.10L	UNIT L FIRST FLOOR SHEET METAL NEW WORK PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
M4.10N	UNIT N FIRST FLOOR SHEET METAL NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M4.20L	Unit L Second Floor Sheet Metal New Work Plan	0	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M4.20N	UNIT N SECOND SHEET METAL NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M4.30L	UNIT L THIRD FLOOR SHEET METAL NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M4.30N	UNIT N THIRD FLOOR SHEET METAL NEW WORK PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M6.01	MECHANICAL DETAILS	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M6.02	MECHANICAL DETAILS	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M6.03	MECHANICAL DETAILS	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
M6.04	MECHANICAL DETAILS	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
M6.05	MECHANICAL DETAILS	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M6.06	MECHANICAL DETAILS	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M7.01	MECHANICAL SCHEDULES	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
M7.02	MECHANICAL SCHEDULES	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M7.03	MECHANICAL SCHEDULES	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M7.04	MECHANICAL SCHEDULES	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M8.01	TEMPERATURE CONTROL STANDARDS AND GENERAL NOTES	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M8.02	TEMPERATURE CONTROLS	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M8.03	TEMPERATURE CONTROLS	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M8.04	TEMPERATURE CONTROLS	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M8.05	TEMPERATURE CONTROLS	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
M8.06	TEMPERATURE CONTROLS	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
MD1.00A	UNIT A LOWER LEVEL MECHANICAL DEMOLITION PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
MD1.00D	UNIT D LOWER LEVEL MECHANICAL DEMOLITION PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)



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Job #: 220062.05 GP South IA Consolidation
707 Vernier Rd
Grosse Pointe Woods, Michigan 48236

Drawing No.	Drawing Title	Revision	Drawing Date	Received Date	Set
MD1.00L	UNIT L LOWER LEVEL MECHANICAL DEMOLITION PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
MD1.00N	UNIT N LOWER LEVEL MECHANICAL DEMOLITION PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
MD1.10B	UNIT B FIRST FLOOR MECHANICAL DEMOLITION PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
MD1.10C	UNIT C FIRST FLOOR MECHANICAL DEMOLITION PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
MD1.10D	UNIT D FIRST FLOOR MECHANICAL DEMOLITION PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
MD1.10F	UNIT F FIRST FLOOR MECHANICAL DEMOLITION PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
MD1.10G	UNIT G FIRST FLOOR MECHANICAL DEMOLITION PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
MD1.10L	UNIT L FIRST FLOOR MECHANICAL DEMOLITION PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
MD1.10N	UNIT N FIRST FLOOR MECHANICAL DEMOLITION PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
MD1.20B	UNIT B SECOND FLOOR MECHANICAL DEMOLITION PLAN	0	10/17/2022	10/18/2022	Construction Drawings
MD1.20N	UNIT N SECOND FLOOR MECHANICAL DEMOLITION PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
MD1.30N	Unit N Mechanical Demolition Roof Plan	1	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
MD2.00A	UNIT A UNDERGROUND PLUMBING DEMOLITION PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
Structural					
S2.10G	UNIT G NEW FLOOR SLAB PLAN AND LINTEL AT SECOND FLOOR PLAN	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
S2.10N	UNIT N FIRST FLOOR FRAMING PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
S2.20D	UNIT D RTU-1 FRAMING PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
S2.20L	Unit L Lintel Framing Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
S2.20N	UNIT N MEZZANINE FRAMING PLAN	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
S2.30L	Unit L Roof Framing Plan	2	12/21/2022	12/21/2022	Addendum 2 (12/21/22)
S3.00	GENERAL NOTES	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
S3.01	GENERAL NOTES	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)
S4.00	Details	1	12/02/2022	12/02/2022	Addendum 1 (12/02/22)

Current Specifications

Number	Description	Revision	Issued Date	Received Date	Set
00 - Procurement and Contracting Requirements					
00 8500	Electronic File Transfer Agreement	1	12/02/22	12/02/22	Addendum 1
000110	Table of Contents	3	12/21/22	12/21/22	Addendum 2
01 - General Requirements					
01 0400	Coordination	1	12/02/22	12/02/22	Addendum 1
01 2300	Alternates	1	12/02/22	12/02/22	Addendum 1
01 2600	Contract Modification Procedures	1	12/02/22	12/02/22	Addendum 1
01 2900	Payment Procedures	1	12/02/22	12/02/22	Addendum 1
01 3100	Project Management and Coordination	1	12/02/22	12/02/22	Addendum 1
01 3300	Submittal Procedures	1	12/02/22	12/02/22	Addendum 1
01 4000	Quality Requirements	1	12/02/22	12/02/22	Addendum 1
01 4200	References	1	12/02/22	12/02/22	Addendum 1
01 6000	Product Requirements - Options and Substitutions	2	12/02/22	12/02/22	Addendum 1
01 7300	Execution Requirements	1	12/02/22	12/02/22	Addendum 1
01 7329	Cutting and Patching	1	12/02/22	12/02/22	Addendum 1
01 7700	Product Storage and Handling Requirements	1	12/02/22	12/02/22	Addendum 1
019113	General Commissioning Requirements	3	12/02/22	12/02/22	Addendum 1
02 - Existing Conditions					
02 4119	Selective Structure Demolition	1	12/02/22	12/02/22	Addendum 1
03 - Concrete					
03 0130	Maintenance of Cast-in-Place Concrete	1	12/02/22	12/02/22	Addendum 1
03 3000	Cast-In-Place Concrete	1	12/02/22	12/02/22	Addendum 1
03 5416	Hydraulic Cement Underlayment	1	12/02/22	12/02/22	Addendum 1
04 - Masonry					
04 0120	Maintenance of Unit Masonry	1	12/02/22	12/02/22	Addendum 1
04 2000	Unit Masonry	1	12/02/22	12/02/22	Addendum 1
04 7200	Cast Stone Masonry	1	12/02/22	12/02/22	Addendum 1
05 - Metals					
05 1200	Structural Steel Framing	1	12/02/22	12/02/22	Addendum 1
05 4000	Cold-Formed Metal Framing	1	12/02/22	12/02/22	Addendum 1
05 5000	Metal Fabrications	1	12/02/22	12/02/22	Addendum 1
05 5100	Metal Stairs	2	12/02/22	12/02/22	Addendum 1
05 5213	Pipe and Tube Railings	1	12/02/22	12/02/22	Addendum 1

Number	Description	Revision	Issued Date	Received Date	Set
06 - Wood, Plastics, and Composites					
06 1000	Rough Carpentry	1	12/02/22	12/02/22	Addendum 1
06 1600	Sheathing	1	12/02/22	12/02/22	Addendum 1
06 4023	Interior Architectural Woodwork (Custom-Built Millwork)	1	12/02/22	12/02/22	Addendum 1
07 - Thermal and Moisture Protection					
07 1353	Elastomeric Sheet Waterproofing	1	12/02/22	12/02/22	Addendum 1
07 2100	Thermal Insulation	1	12/02/22	12/02/22	Addendum 1
07 6200	Sheet Metal Flashing and Trim	1	12/02/22	12/02/22	Addendum 1
07 8413	Penetration Firestopping (Firestopping and Smoke Stopping Systems)	1	12/02/22	12/02/22	Addendum 1
07 9200	Joint Sealants	1	12/02/22	12/02/22	Addendum 1
08 - Openings					
08 17 43	Rustic Wood Grain FRP / Aluminum Hybrid Door	1	12/02/22	12/02/22	Addendum 1
08 71 00	Door Hardware	0	10/17/22	10/18/22	Construction Documents
08 1113	Hollow Metal Doors and Frames	1	12/02/22	12/02/22	Addendum 1
08 1131	Flush Aluminum Doors and Frames	1	12/02/22	12/02/22	Addendum 1
08 1416	Flush Wood Doors	1	12/02/22	12/02/22	Addendum 1
08 3113	Access Doors and Frames	2	12/02/22	12/02/22	Addendum 1
08 3323	Overhead Coiling Doors	00	12/02/22	12/02/22	Addendum 1
08 4113	Aluminum-Framed Entrances and Storefronts	1	12/02/22	12/02/22	Addendum 1
08 5113	Aluminum Windows	1	12/02/22	12/02/22	Addendum 1
08-7200	Door Hardware	1	12/02/22	12/02/22	Addendum 1
08 8000	Glazing (Glass)	1	12/02/22	12/02/22	Addendum 1
08 9000	Louvers and Vents	1	12/02/22	12/02/22	Addendum 1
09 - Finishes					
09 2613	Gypsum Veneer Plastering	1	12/02/22	12/02/22	Addendum 1
09 2900	Gypsum Board	1	12/02/22	12/02/22	Addendum 1
09 3000	Tiling	1	12/02/22	12/02/22	Addendum 1
09 5123	Acoustical Tile Ceilings	1	12/02/22	12/02/22	Addendum 1
09 6519	Resilient Tile Flooring	1	12/02/22	12/02/22	Addendum 1
09 6623	Resinous Matrix Terrazzo Flooring	2	12/02/22	12/02/22	Addendum 1
09 6816	Sheet Carpeting and Tile Carpeting	1	12/02/22	12/02/22	Addendum 1
09 9100	Painting	1	12/02/22	12/02/22	Addendum 1
10 - Specialties					
10 1100	Visual Display Surfaces	1	12/02/22	12/02/22	Addendum 1
12 - Furnishings					
12 2413	Roller Window Shades	1	12/02/22	12/02/22	Addendum 1
12 3210	Institutional Cabinet Casework	1	12/21/22	12/21/22	Addendum 2

Number	Description	Revision	Issued Date	Received Date	Set
20 - RESERVED FOR FUTURE EXPANSION					
20 0500	Mechanical General Requirements	1	12/02/22	12/02/22	Addendum 1
20 0510	Basic Mechanical Materials and Methods	1	12/02/22	12/02/22	Addendum 1
20 0700	Mechanical Insulation	1	12/02/22	12/02/22	Addendum 1
200513	Motors	1	12/02/22	12/02/22	Addendum 1
200516	Pipe Flexible Connectors, Expansion Fittings and Loops	1	12/02/22	12/02/22	Addendum 1
200519	Meters and Gages	1	12/02/22	12/02/22	Addendum 1
200529	Hangers and Supports	1	12/02/22	12/02/22	Addendum 1
200547	Mechanical Vibration Controls	1	12/02/22	12/02/22	Addendum 1
200553	Mechanical Identification	1	12/02/22	12/02/22	Addendum 1
202923	Variable Frequency Controllers	1	12/02/22	12/02/22	Addendum 1
22 - Plumbing					
22 1116	Domestic Water Piping	1	12/02/22	12/02/22	Addendum 1
22 1119	Domestic Water Piping Specialties	1	12/02/22	12/02/22	Addendum 1
22 6653	Chemical-Waste Piping	3	12/21/22	12/21/22	Addendum 2
220523	General Duty Valves for Plumbing	1	12/02/22	12/02/22	Addendum 1
221316	Sanitary Waste and Vent Piping	1	12/02/22	12/02/22	Addendum 1
221319	Drainage Piping Specialties	3	12/21/22	12/21/22	Addendum 2
221513	General-Service Compressed-Air Piping	1	12/02/22	12/02/22	Addendum 1
221519	General-Service Compressed-Air Equipment	1	12/02/22	12/02/22	Addendum 1
224200	Plumbing Fixtures	1	12/02/22	12/02/22	Addendum 1
23 - Heating, Ventilating, and Air Conditioning (HVAC)					
23 0593	Testing, Adjusting, And Balancing	1	12/02/22	12/02/22	Addendum 1
23 0800	Commissioning of HVAC	2	12/02/22	12/02/22	Addendum 1
23 1123	Fuel Gas Piping	1	12/02/22	12/02/22	Addendum 1
23 2113	Hydronic Piping	1	12/02/22	12/02/22	Addendum 1
23 2123	Hydronic Pumps	3	12/21/22	12/21/22	Addendum 2
23 3113	Metal Ducts	1	12/02/22	12/02/22	Addendum 1
23 3300	Duct Accessories	1	12/02/22	12/02/22	Addendum 1
23 3423	Power Ventilators	3	12/21/22	12/21/22	Addendum 2
23 5216	Condensing Boilers	1	12/02/22	12/02/22	Addendum 1
23 7210	Light Commercial Air to Air Energy Recovery Equipment	1	12/02/22	12/02/22	Addendum 1
23 8120	Unitary Rooftop Air Conditioners	1	12/02/22	12/02/22	Addendum 1
230500	Common Work Results for HVAC	1	12/02/22	12/02/22	Addendum 1
230523	General-Duty Valves for HVAC	1	12/02/22	12/02/22	Addendum 1
230933	Temperature Controls	1	12/02/22	12/02/22	Addendum 1
232510	Piping Systems Flushing and Chemical Cleaning	1	12/02/22	12/02/22	Addendum 1

Number	Description	Revision	Issued Date	Received Date	Set
232513	Water Treatment for Closed-Loop Hydronic Systems	1	12/02/22	12/02/22	Addendum 1
233119	HVAC Casings	1	12/02/22	12/02/22	Addendum 1
233600	Air Terminal Units	1	12/02/22	12/02/22	Addendum 1
233713	Diffusers, Registers, And Grilles	1	12/02/22	12/02/22	Addendum 1
235100	Breeching, Chimneys, And Stacks	1	12/02/22	12/02/22	Addendum 1
238216	Heating Coils	1	12/02/22	12/02/22	Addendum 1
26 - Electrical					
26 0010	Electrical General Requirements	1	12/02/22	12/02/22	Addendum 1
26 0519	Conductors and Cables	1	12/02/22	12/02/22	Addendum 1
26 0529	Hangers and Supports for Electrical Systems	1	12/02/22	12/02/22	Addendum 1
26 0533	Raceways and Boxes	1	12/02/22	12/02/22	Addendum 1
26 0553	Electrical Identification	1	12/02/22	12/02/22	Addendum 1
26 0573	Overcurrent Protective Device Coordination and Arc Flash Study	1	12/02/22	12/02/22	Addendum 1
26 0800	Commissioning of Electrical Systems	2	12/02/22	12/02/22	Addendum 1
26 0923	Lighting Control Devices	1	12/02/22	12/02/22	Addendum 1
26 0943	Lighting Control Systems	1	12/02/22	12/02/22	Addendum 1
26 2200	Low-Voltage Transformers	1	12/02/22	12/02/22	Addendum 1
26 2416	Panelboards	1	12/02/22	12/02/22	Addendum 1
26 2816	Enclosed Switches and Circuit Breakers	1	12/02/22	12/02/22	Addendum 1
26 2913	Enclosed Controllers	1	12/02/22	12/02/22	Addendum 1
26 5119	Led Interior Lighting	1	12/02/22	12/02/22	Addendum 1
260500	Basic Electrical Materials and Methods	1	12/02/22	12/02/22	Addendum 1
260526	Grounding and Bonding	1	12/02/22	12/02/22	Addendum 1
260999	Electrical Testing	1	12/02/22	12/02/22	Addendum 1
262413	Switchboards	1	12/02/22	12/02/22	Addendum 1
262726	Wiring Devices	1	12/02/22	12/02/22	Addendum 1
262813	Fuses	1	12/02/22	12/02/22	Addendum 1
265600	Exterior Lighting	1	12/02/22	12/02/22	Addendum 1
28 - Electronic Safety and Security					
28 3100	Fire Alarm	1	12/02/22	12/02/22	Addendum 1
48 - Electrical Power Generation					
48 1200	Nuclear Fuel Plant Electrical Power Generation Equipment	0	12/02/22	12/02/22	Addendum 1