

FACILITIES COMMITTEE ENROLLMENT REPORT

OCTOBER 6, 2022



OLENTANGY SCHOOLSSM
Flourish Here.

EX. A - October 6, 2022
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September 7, 2022

MIDDLE SCHOOLS						
	6	7	8	BUILDING TOTALS		
OBMS	431	446	421	1,298	OBMS	
OHMS	315	321	293	929	OHMS	
OLMS	331	364	309	1,004	OLMS	
OOMS	374	335	377	1,086	OOMS	
OSMS	358	317	358	1,033	OSMS	
TOTAL BY GRADE	1,809	1,783	1,758	5,350	MIDDLE SCHOOL TOTAL	

TOTAL ENROLLMENT			
September 7, 2022			
HIGH SCHOOL	7,260	HIGH SCHOOL	7,260
MIDDLE SCHOOL	5,350	MIDDLE SCHOOL	5,350
<u>ELEMENTARY (K-5)</u>	<u>10,102</u>	<u>ELEMENTARY (K-5)</u>	<u>10,102</u>
DISTRICT TOTAL K-12	22,712	PRESCHOOL	548
		<u>DISTRICT TOTAL PS-12</u>	<u>23,260</u>

K - 12 PROJECTED vs. CURRENT ENROLLMENT				
September 7, 2022				
	K-5	6-8	9-12	TOTAL
Projected Enrollment - 2022-23	9,973	5,304	7,185	22,462
Current Actual Enrollment K-12	10,102	5,350	7,260	22,712
+ / -	129	46	75	250

Projections presented to the Olenitangy Board of Education on October 12, 2021.

Projected vs. Actual Enrollment

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	2022-23 Projected	2022-23 Actual	Difference	% Difference
PS Total	505	548	43	8.51%
K	1,577	1,456	(121)	-7.67%
1	1,601	1,671	70	4.37%
2	1,638	1,698	60	3.66%
3	1,720	1,765	45	2.62%
4	1,688	1,744	56	3.32%
5	1,749	1,768	19	1.09%
K-5 Total	9,973	10,102	129	1.29%
6	1,796	1,809	13	0.72%
7	1,789	1,783	(6)	-0.34%
8	1,719	1,758	39	2.27%
6-8 Total	5,304	5,350	46	0.87%
9	1,782	1,798	16	0.90%
10	1,760	1,767	7	0.40%
11	1,827	1,830	3	0.16%
12	1,787	1,830	43	2.41%
Ungraded	30	35	5	16.67%
9-12 Total	7,185	7,260	74	1.04%
K-12 Total	22,462	22,712	249	1.11%
PK-12 Total	22,967	23,260	293	1.28%



2017 Projected vs. Actual Enrollment

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	2022-23 Projected in 2017	2022-23 Actual	Difference	% Difference
PS Total	505	548	43	8.51%
K	1,441	1,456	15	1.04%
1	1,654	1,671	17	1.03%
2	1,693	1,698	5	0.30%
3	1,718	1,765	47	2.74%
4	1,735	1,744	9	0.52%
5	1,756	1,768	12	0.68%
K-5 Total	9,997	10,102	105	1.05%
6	1,775	1,809	34	1.92%
7	1,759	1,783	24	1.36%
8	1,709	1,758	49	2.87%
6-8 Total	5,243	5,350	107	2.04%
9	1,766	1,798	32	1.81%
10	1,674	1,767	93	5.56%
11	1,756	1,830	74	4.21%
12	1,772	1,830	58	3.27%
Ungraded	26	35	9	34.62%
9-12 Total	6,994	7,260	266	3.80%
K-12 Total	22,234	22,712	478	2.15%
PK-12 Total	22,739	23,260	521	2.29%



Projected Enrollment

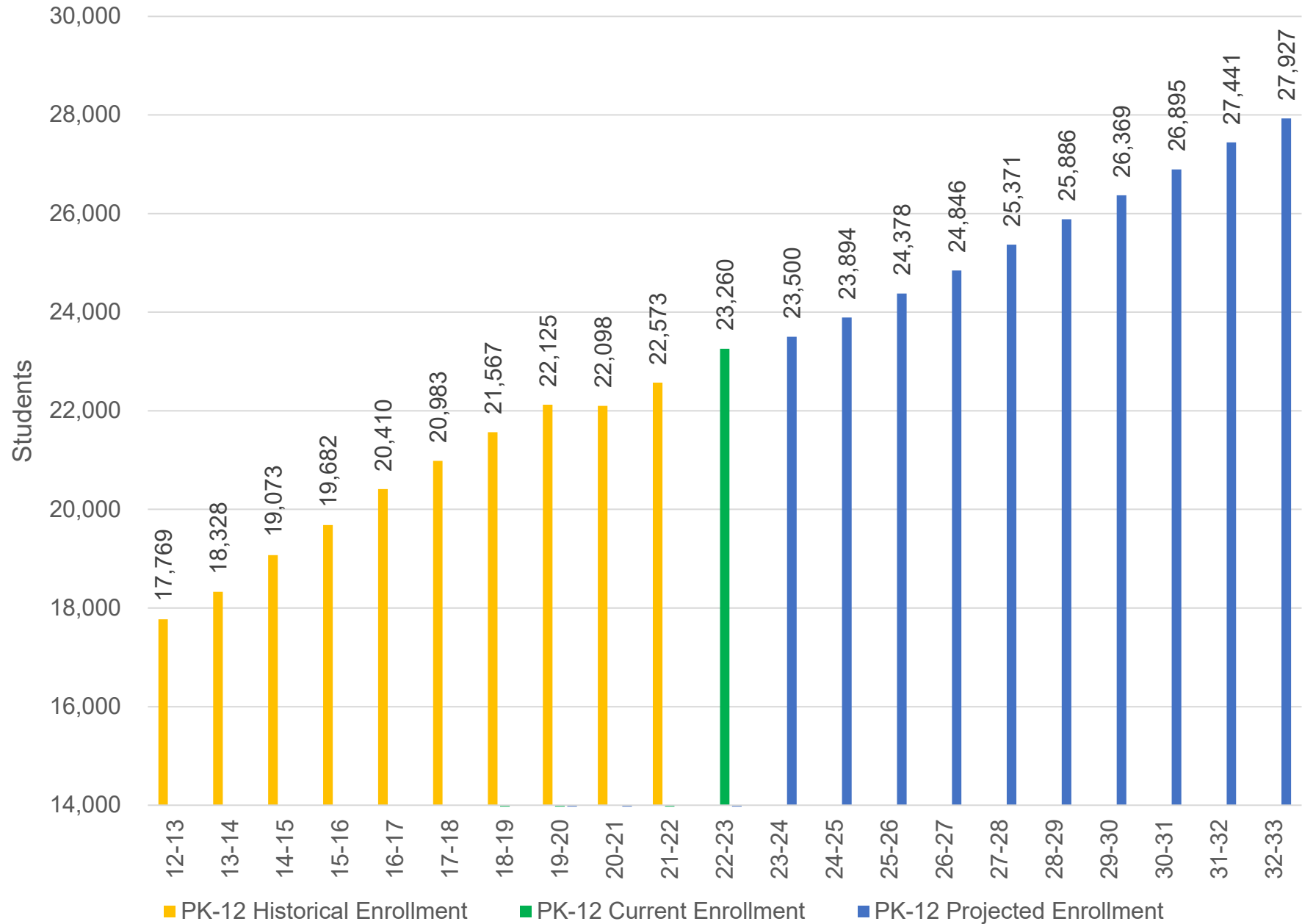
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	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
PS Total	548	449	459	471	481	492	502	512	522	532	542
K	1,456	1,495	1,531	1,567	1,602	1,637	1,671	1,704	1,738	1,772	1,806
1	1,671	1,675	1,720	1,762	1,803	1,843	1,884	1,923	1,961	2,000	2,039
2	1,698	1,729	1,733	1,780	1,823	1,865	1,907	1,949	1,990	2,029	2,069
3	1,765	1,753	1,785	1,789	1,837	1,882	1,925	1,968	2,012	2,054	2,094
4	1,744	1,837	1,825	1,858	1,862	1,912	1,959	2,004	2,048	2,094	2,138
5	1,768	1,793	1,889	1,877	1,911	1,915	1,966	2,014	2,061	2,106	2,153
K-5 Total	10,102	10,282	10,483	10,633	10,838	11,054	11,312	11,562	11,810	12,055	12,299
PS-5 Total	10,650	10,731	10,942	11,104	11,319	11,546	11,814	12,074	12,332	12,587	12,841
6	1,809	1,817	1,843	1,942	1,930	1,964	1,969	2,021	2,070	2,119	2,165
7	1,783	1,856	1,864	1,890	1,992	1,980	2,015	2,020	2,073	2,123	2,173
8	1,758	1,815	1,889	1,897	1,924	2,027	2,015	2,051	2,056	2,110	2,161
6-8 Total	5,350	5,488	5,596	5,729	5,846	5,971	5,999	6,092	6,199	6,352	6,499
9	1,798	1,790	1,848	1,923	1,931	1,959	2,064	2,051	2,088	2,093	2,148
10	1,767	1,829	1,821	1,880	1,956	1,964	1,992	2,099	2,086	2,124	2,129
11	1,830	1,792	1,855	1,847	1,907	1,984	1,992	2,020	2,129	2,115	2,154
12	1,830	1,835	1,797	1,860	1,852	1,912	1,990	1,998	2,026	2,135	2,121
Ungraded	35	35	35	35.00	35	35	35	35	35	35	35
9-12 Total	7,260	7,281	7,356	7,545	7,681	7,854	8,073	8,203	8,364	8,502	8,587
K-12 Total	22,712	23,051	23,435	23,907	24,365	24,879	25,384	25,857	26,373	26,909	27,385
PS-12 Total	23,260	23,500	23,894	24,378	24,846	25,371	25,886	26,369	26,895	27,441	27,927

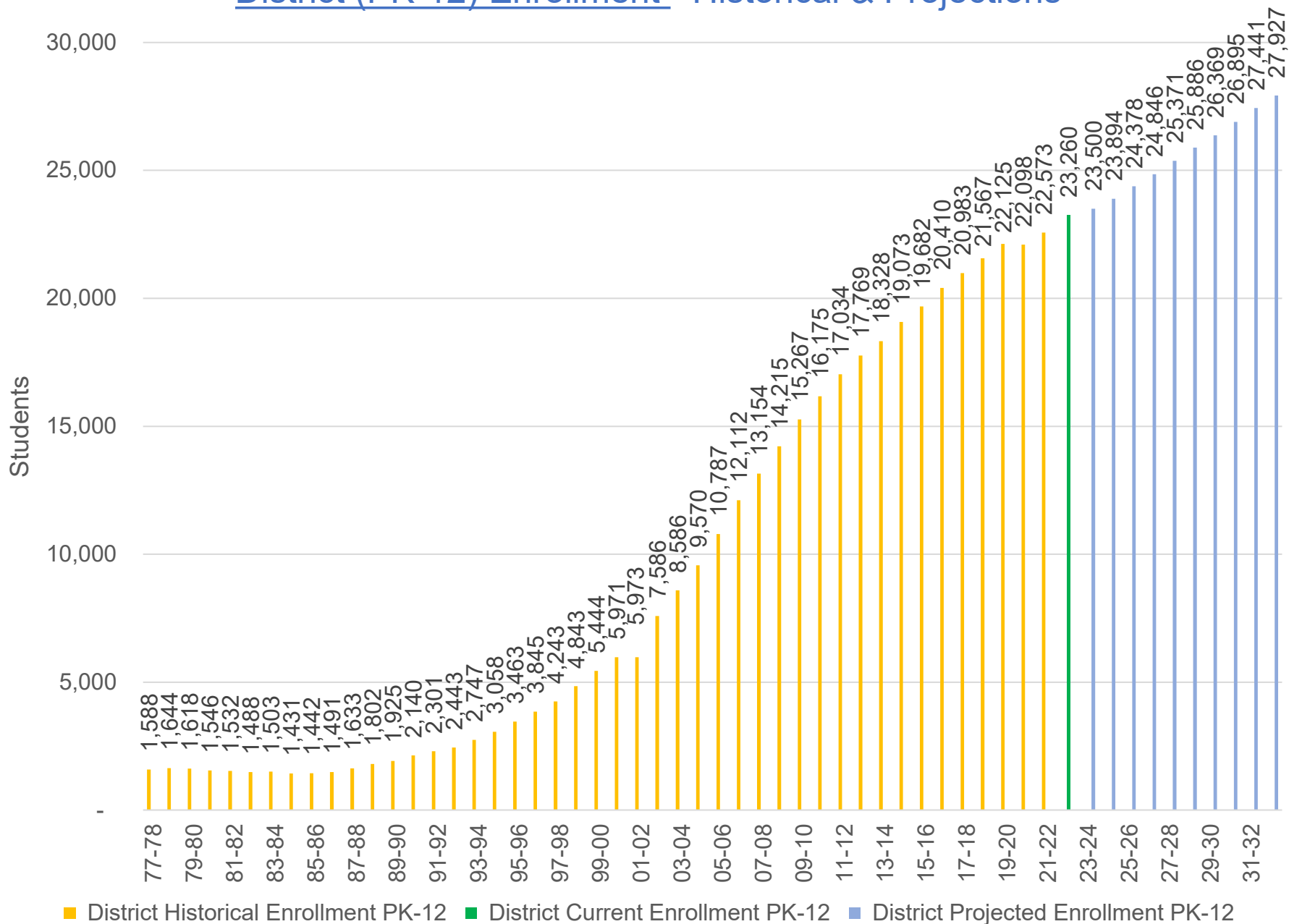


Total (PK-12) Enrollment - Historical & Projections

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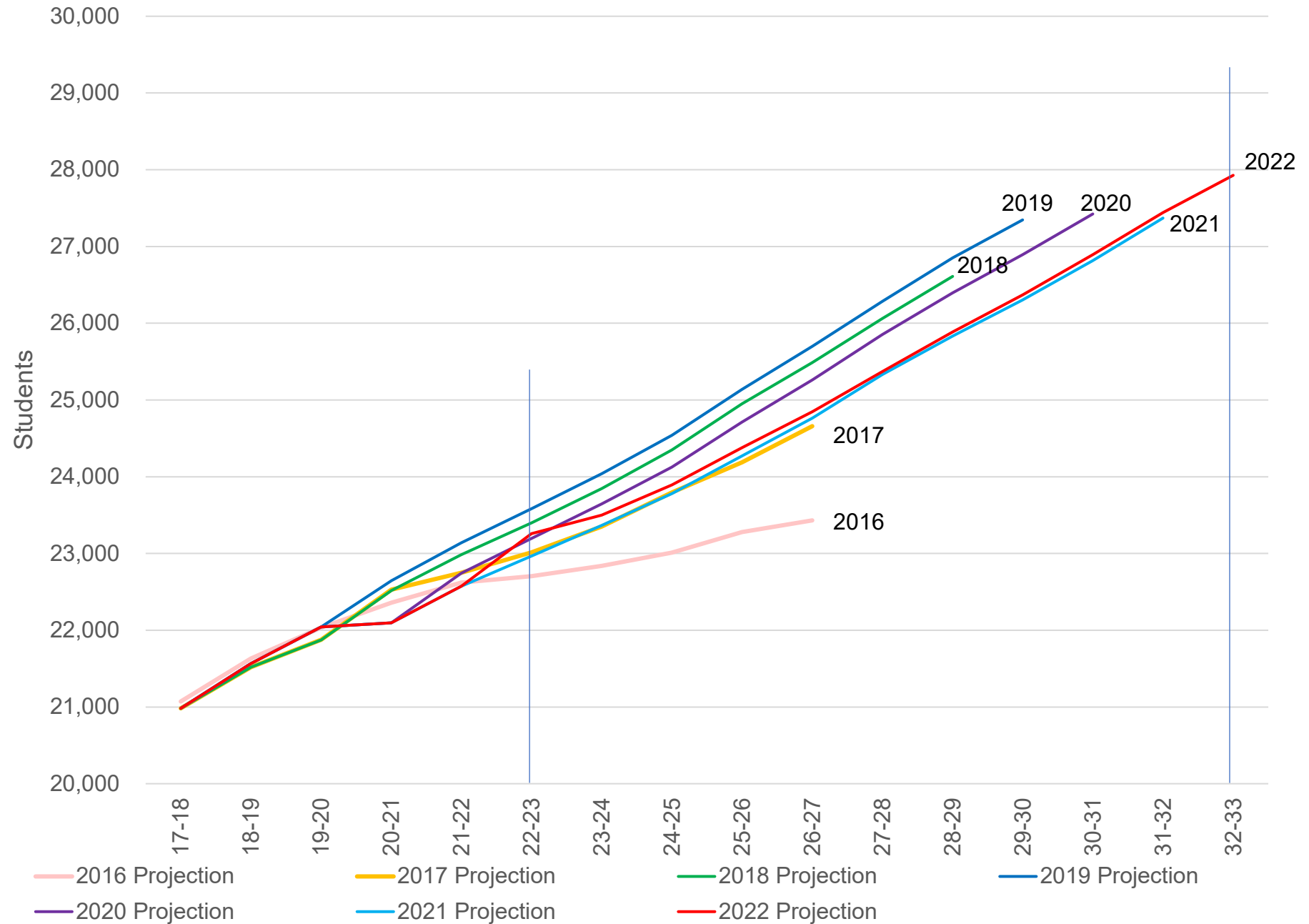


District (PK-12) Enrollment - Historical & Projections

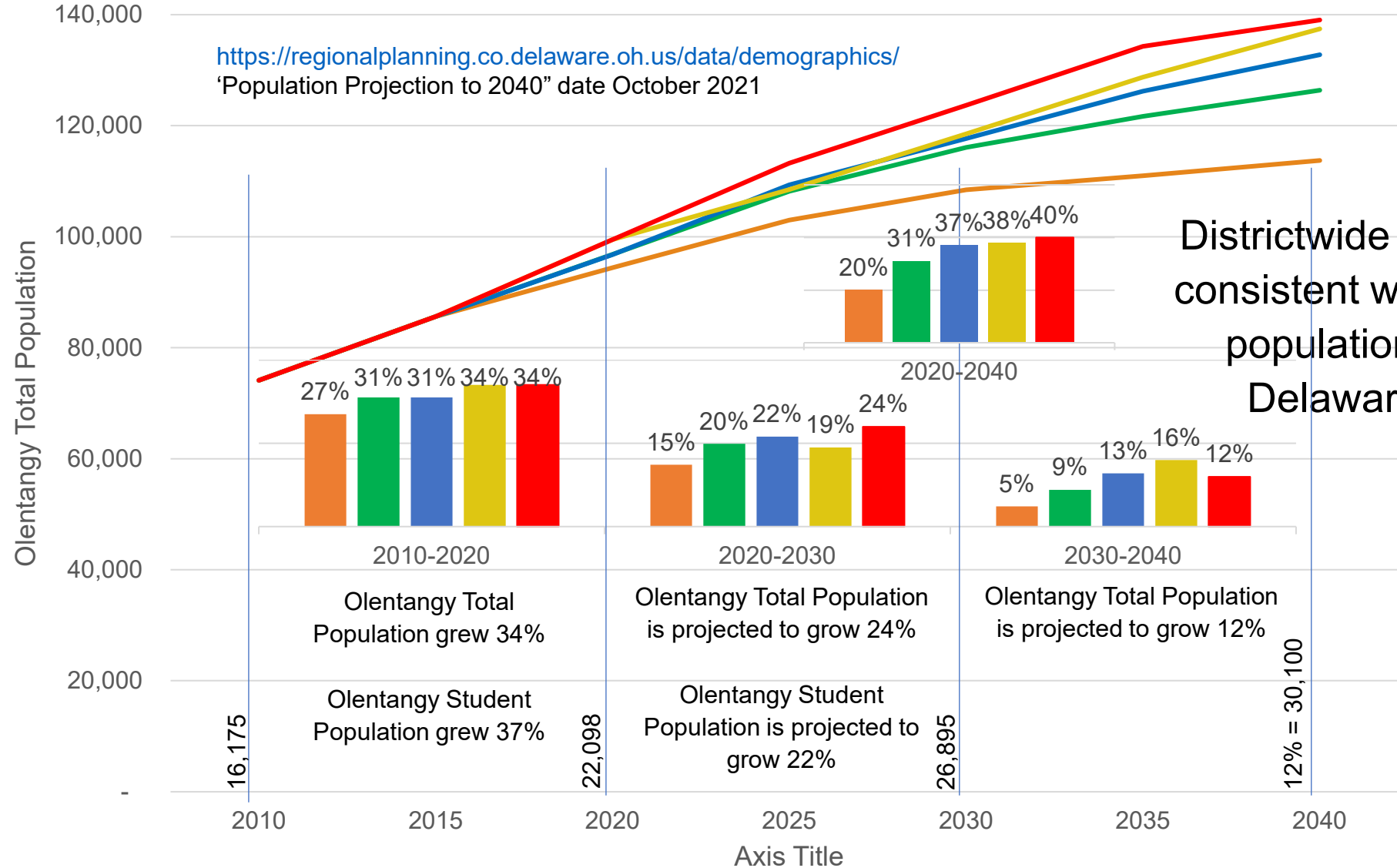


Total (PK-12) Enrollment – Projection Comparison

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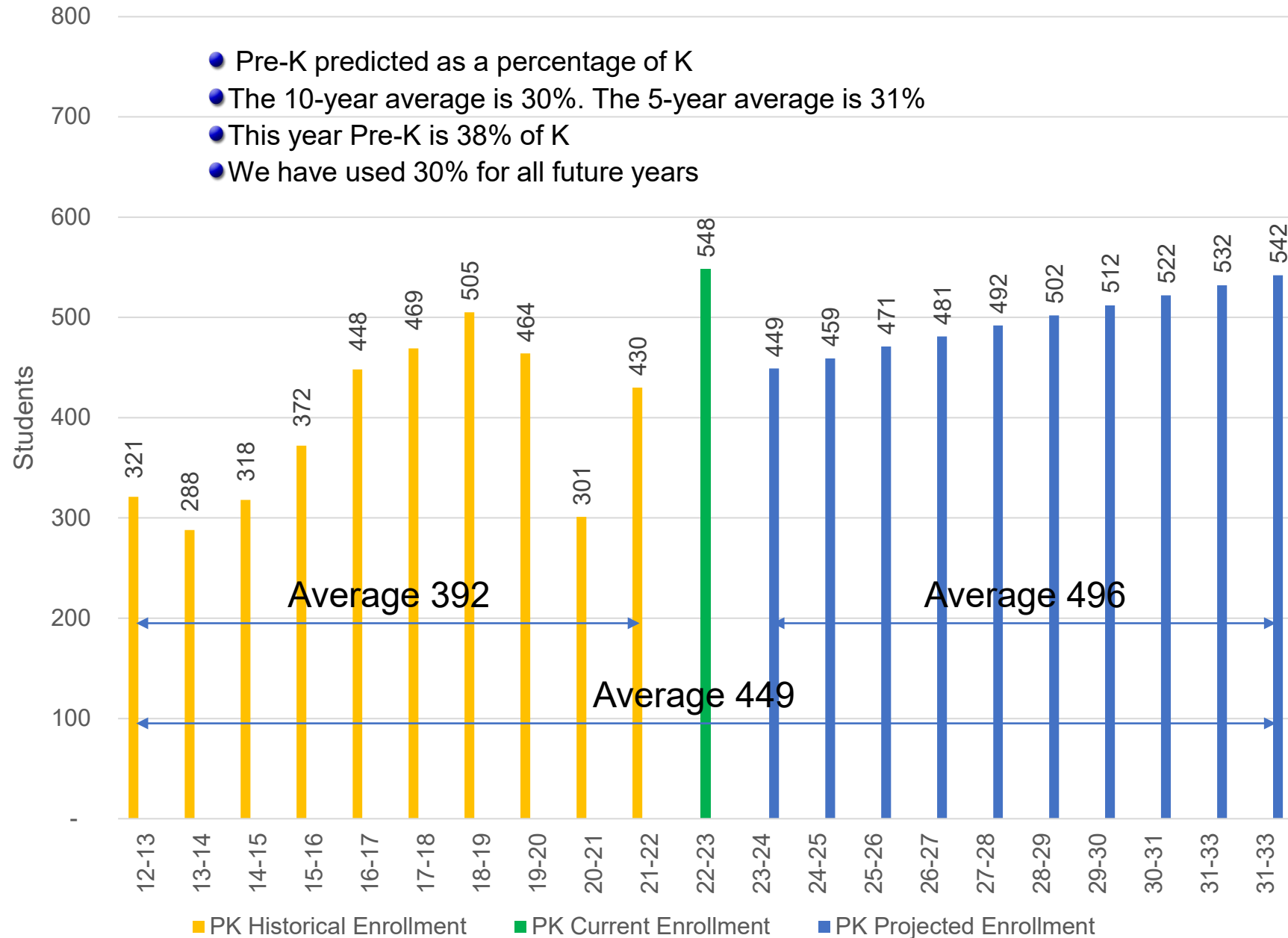


Olentangy Population Projections per Delaware County Reginal Planning Commission



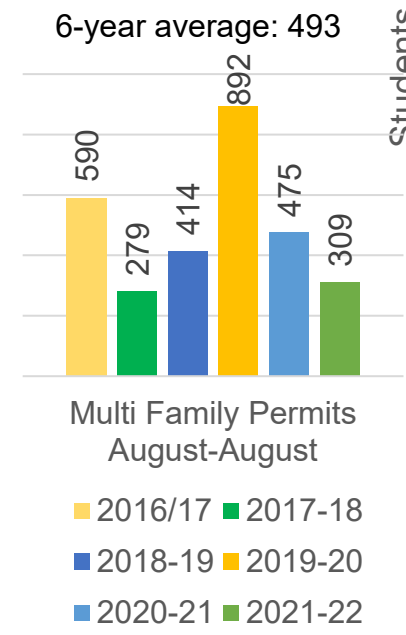
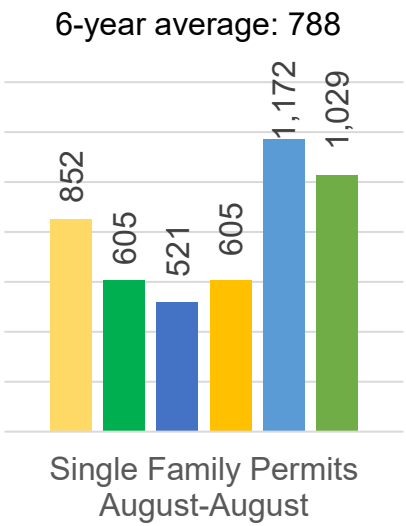
PK Enrollment - Historical & Projections

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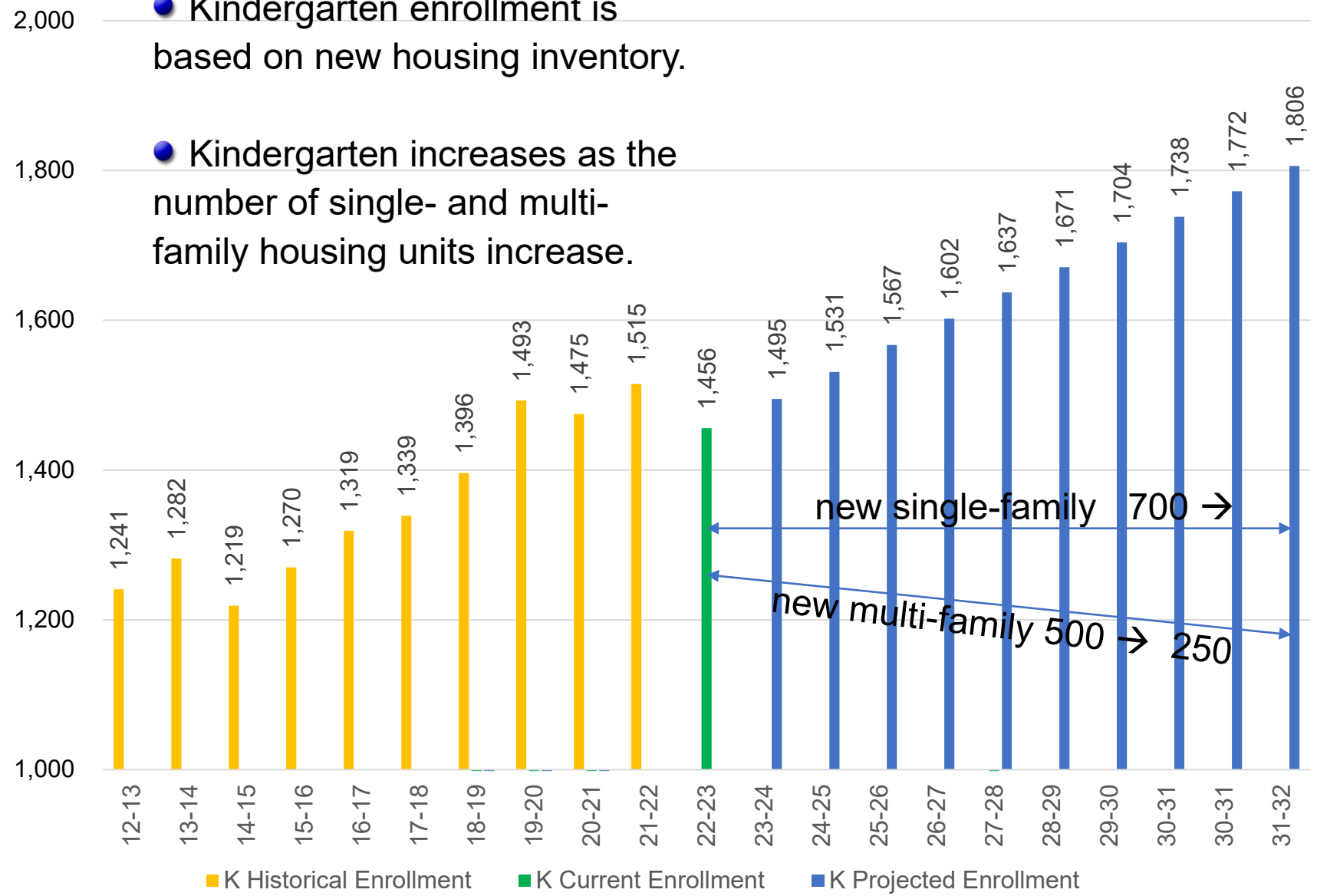


K only Enrollment - Historical & Projections

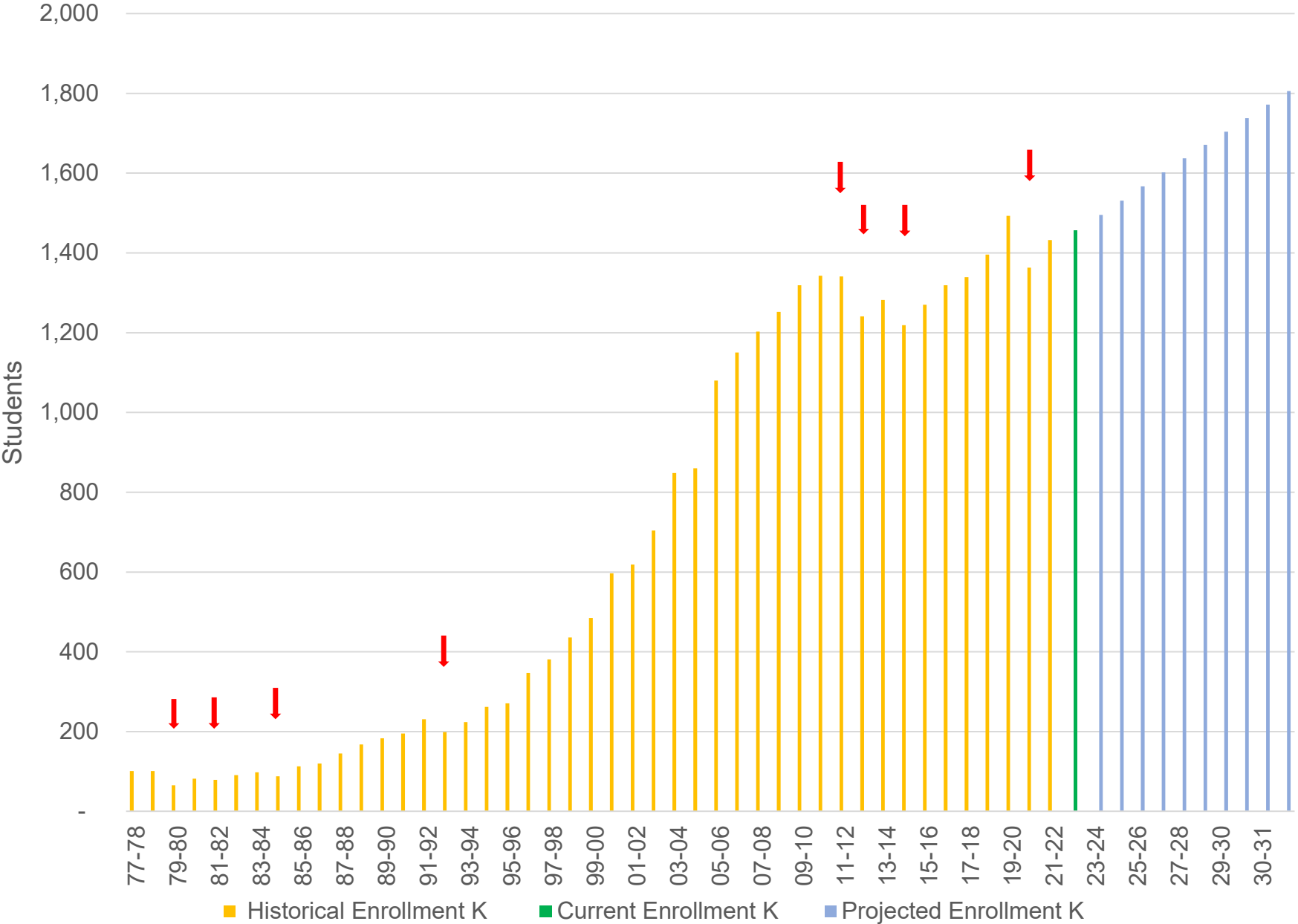
- Kindergarten enrollment is based on new housing inventory.
- Kindergarten increases as the number of single- and multi-family housing units increase.



<https://regionalplanning.co.delaware.oh.us/data/development/>



District K only Enrollment - Historical & Projections



Grade Advancement - Growth Factor

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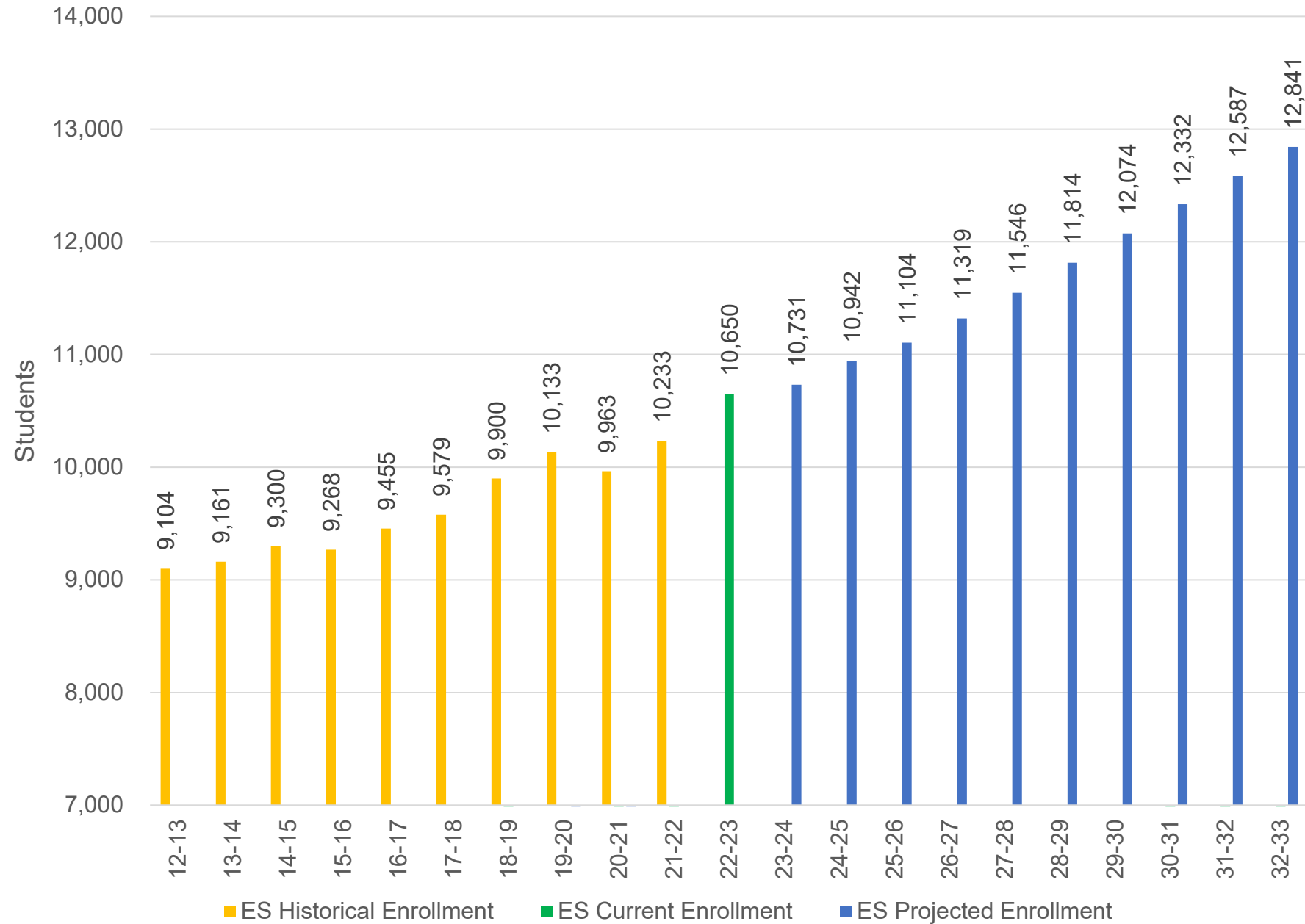
from	to	K->1	1->2	2->3	3->4	4->5	5->6	6->7	7->8	8->9	9->10	10->11	11->12
12-13	13-14	113.13%	100.86%	102.76%	101.60%	100.99%	103.17%	101.81%	100.49%	102.73%	99.76%	99.20%	100.77%
13-14	14-15	116.38%	101.85%	104.95%	102.30%	104.29%	103.02%	102.87%	100.89%	101.74%	99.92%	100.32%	100.09%
14-15	15-16	116.74%	102.01%	101.33%	99.69%	103.00%	101.57%	101.08%	101.62%	102.70%	100.21%	100.08%	98.98%
15-16	16-17	117.24%	104.50%	103.09%	104.62%	102.59%	102.86%	102.62%	101.64%	101.66%	101.71%	100.48%	98.48%
16-17	17-18	116.45%	103.69%	102.82%	102.36%	102.64%	102.58%	102.19%	100.93%	100.68%	100.44%	100.26%	99.52%
17-18	18-19	117.25%	103.91%	103.11%	104.38%	102.43%	103.73%	102.88%	100.46%	100.29%	102.40%	101.19%	100.00%
18-19	19-20	115.11%	103.50%	104.39%	103.27%	102.38%	102.37%	103.16%	101.86%	101.84%	101.61%	102.82%	100.31%
19-20	20-21	108.44%	100.75%	101.66%	103.00%	102.98%	102.08%	102.61%	101.08%	101.20%	101.13%	100.62%	98.54%
20-21	21-22	117.68%	103.15%	101.11%	103.09%	102.39%	102.72%	101.56%	101.56%	103.15%	101.47%	100.39%	100.62%
21-22	22-23	116.69%	105.86%	105.69%	106.54%	103.82%	102.96%	102.53%	103.78%	102.45%	101.79%	101.89%	101.84%
2-year average		117.19%	104.51%	103.40%	104.81%	103.10%	102.84%	102.04%	102.67%	102.80%	101.63%	101.14%	101.23%
3-year average		114.27%	103.25%	102.82%	104.21%	103.06%	102.59%	102.23%	102.14%	102.27%	101.46%	100.97%	100.33%
4-year average		114.48%	103.32%	103.21%	103.97%	102.89%	102.53%	102.47%	102.07%	102.16%	101.50%	101.43%	100.33%
5-year average		115.04%	103.43%	103.19%	104.05%	102.80%	102.77%	102.55%	101.75%	101.79%	101.68%	101.38%	100.26%

- K's become 1st graders, 1st graders become 2nd graders, etc. with a Growth Factor applied.
- A Growth Factor greater than 100% indicates that there was growth from one year to the next due to new students.
- A Growth Factor less than 100% indicates that there was a decline in students.
- For this projection we have used this year's 5-year average Growth Factor for grades 1-12.



ES (PK-5) Enrollment - Historical & Projections

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Projected ES Enrollment

- ES capacity is based on number of classrooms.
- ES classroom capacity is based on student/teacher ratios.
- A change in any of the forecast parameters will result in changes to classroom needs.

SCHOOL	Available Classrooms 2021-22
ACES	36
AES	35
CES	29
FTES	29
GOES	29
HES	29
ISES	29
JCES	29
LTES	29
OCES	29
OMES	29
SMES	35
SRES	29
TRES	29
WCES	29
WRES	36
SPS	12
DACC	1
TOTAL PK-5	503

Sample Elementary		Students	Classrooms
	Grade		
	Pre-K SLC (7- 8 ratio) (14% of PK)	8	1
	Pre-K non-SLC (11-12 ratio)	50	3
	PK	58	4
	K (22 ratio)	70	2
	1 (22 ratio)	77	4
	2 (22 ratio)	78	4
	3 (24 ratio)	82	4
	4 (24 ratio)	107	5
	5 (24 ratio)	88	4
	SLC	12	2
	Total K-5	502	23
	Total PK-5 Classrooms Needed	560	27



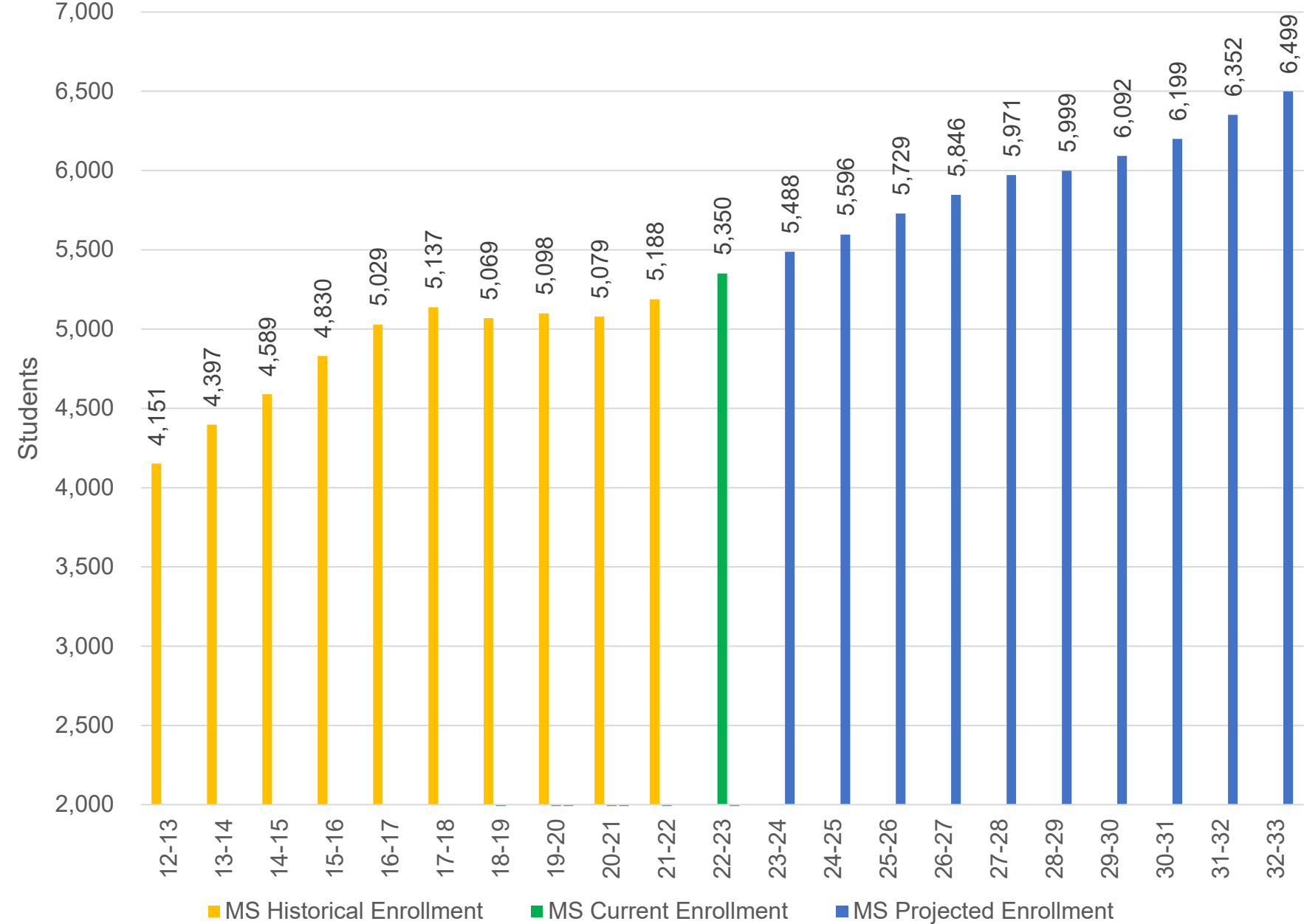
Projected ES Classroom Need

	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
Grade	Classrooms	Classrooms	Classrooms	Classrooms	Classrooms	Classrooms	Classrooms	Classrooms	Classrooms	Classrooms
PS SLC (7- 8 ratio) (14% of PK)	9	9	9	10	10	10	10	10	11	11
PS non-SLC (11-12 ratio)	18	18	19	19	20	20	20	21	21	22
PS	27	27	28	29	30	30	30	31	32	33
K (22 ratio)	34	35	36	36	37	38	39	40	40	41
1 (22 ratio)	76	78	80	82	84	86	87	89	91	93
2 (22 ratio)	79	79	81	83	85	87	89	90	92	94
3 (24 ratio)	73	74	75	77	78	80	82	84	86	87
4 (24 ratio)	77	76	77	78	80	82	84	85	87	89
5 (24 ratio)	75	79	78	80	80	82	84	86	88	90
SLC (re-calibrated every year)	35	37	38	39	40	41	42	43	44	45
Total K-5	449	458	465	475	484	496	507	517	528	539
Total PK-5 Classrooms Needed	476	485	493	504	514	526	537	548	560	572
Available Classrooms	503	503	503	503	503	503	503	503	503	503
Total Classrooms Extra(+)/Short(-)	27	18	10	-1	-11	-23	-34	-45	-57	-69
Add 35 Classrooms for New ES 17		538	538	538	538	538	538	538	538	538
Total Classrooms Extra(+)/Short(-)		53	45	34	24	12	1	-10	-22	-34
Add 35 Classrooms for New ES 18				573	573	573	573	573	573	573
Total Classrooms Extra(+)/Short(-)				69	59	47	36	25	13	1
Add 35 Classrooms for New ES 19							608	608	608	608
Total Classrooms Extra(+)/Short(-)							71	60	48	36
Add 35 Classrooms for New ES 20										643
Total Classrooms Extra(+)/Short(-)										71

Threshold for needing a new ES
was 1 per ES (16)
changed to 2 per ES (32, 34, 36, 38)



MS (6-8) Enrollment - Historical & Projections



Projected MS Enrollment

MS capacity is based on core classroom inventory.

	Core Classroom Capacity		
SCHOOL	Core Classrooms	Students per Core Classroom	Core Classroom Capacity
BMS	44	25	1,100
HMS	44	25	1,100
LMS	44	25	1,100
OMS	42	25	1,050
SMS	47	25	1,175
BMS6	46	25	1,150
TOTAL 6-8	267		6,675
	Core Classrooms do not include art, band, strings, choir, PE, SLC, wrestling, FSC, etc.		



Projected MS Classroom Need

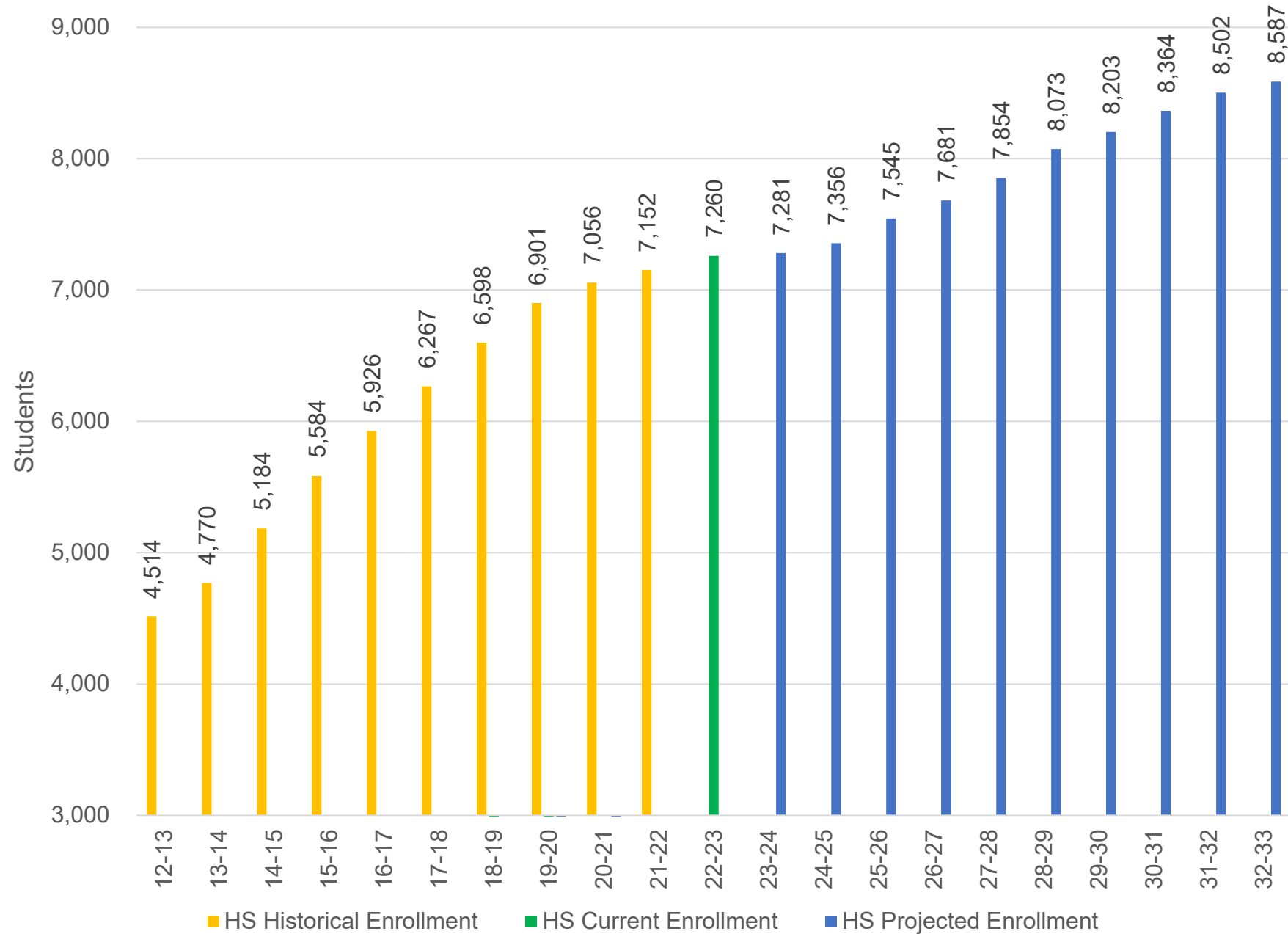
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	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
Grade	Classrooms	Classrooms	Classrooms	Classrooms	Classrooms	Classrooms	Classrooms	Classrooms	Classrooms	Classrooms	Classrooms	Classrooms
6 (25 ratio)	72	73	74	78	77	79	79	81	83	85	87	89
7 (25 ratio)	71	74	75	76	80	79	81	81	83	85	87	89
8 (25 ratio)	70	73	76	76	77	81	81	82	82	84	86	88
SLC	8	12	12	12	12	12	12	12	12	12	12	12
Total 6-8	221	232	237	242	246	251	253	256	260	266	272	278
Projection per Classroom Inventory												
Total Classrooms Needed	221	232	237	242	246	251	253	256	260	266	272	278
Total Core Classrooms Available	221	221	221	221	221	221	221	221	221	221	221	221
Total Classrooms Extra(+)/Short(-)	0	-11	-16	-21	-25	-30	-32	-35	-39	-45	-51	-57
Add 46 Classrooms for BMS #6		267	267	267	267	267	267	267	267	267	267	267
Total Classrooms Extra(+)/Short(-)		35	30	25	21	16	14	11	7	1	-5	-11
Add 46 Classrooms for MS #7		12 classrooms (1/4 of MS)							313	313	313	313
Total Classrooms Extra(+)/Short(-)		is the threshold for needing a new MS							57	53	47	41



HS (9-14) Enrollment - Historical & Projections

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Projected HS Enrollment

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	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33
9	1,798	1,790	1,848	1,923	1,931	1,959	2,064	2,051	2,088	2,093	2,148
10	1,767	1,829	1,821	1,880	1,956	1,964	1,992	2,099	2,086	2,124	2,129
11	1,830	1,792	1,855	1,847	1,907	1,984	1,992	2,020	2,129	2,115	2,154
12	1,830	1,835	1,797	1,860	1,852	1,912	1,990	1,998	2,026	2,135	2,121
Ungraded	35	35	35	35	35	35	35	35	35	35	35
9-12 Total	7,260	7,281	7,356	7,545	7,681	7,854	8,073	8,203	8,364	8,502	8,587
Average Enrollment per HS	1,815	1,820	1,839	1,886	1,920	1,964	2,018	2,051	2,091	2,126	2,147
	HS Design Capacity: 1,800				HS Stretch Capacity: 2,000				LHS at end of 18-19: 2,155		
	HS Design Capacity x 4: 7,200				HS Stretch Capacity x 4: 8,000				LHS max x 4: 8,620		





OLENTANGY SCHOOLSSM

THANK YOU

CERTIFIED POSITION(S) PAID THROUGH MEMORANDUM BILLING
2022-2023 School Year
Recommended for Board of Education Approval on October 6, 2022

Employee			Position	Building	Courses / Sessions	Days	Hours	Salary	
Last Name	First Name	MI						Per Hour	Total
OPDA Course - Shifting the Balance									
Greisberger	Lauren	L.	Instructor	SMES	1.00	0.00	0.00	\$ -	\$ 800.00
Morris	Melissa	R.	Instructor	CES	1.00	0.00	0.00	\$ -	\$ 800.00

SUPPLEMENTAL CONTRACTS

2022-23 School Year

Recommended for Board of Education Approval on October 6, 2022

Supplemental Area	Location	Coach / Advisor			Contract			
		Last Name	First Name	Middle	Group	Step	Amount	Season
Advisors								
Freshman Class Advisor	OBHS	Link	Margaret	S	11	1	\$ 493.00	All Year
Freshman Class Mentor	OBHS	Middleton	Kathleen	M	1/4 of 4	10	\$ 1,457.25	All Year
Freshman Class Mentor	OBHS	Ross	Kate	E	1/4 of 4	4	\$ 1,120.75	All Year
Freshman Class Mentor	OBHS	Lewis	Jennifer	L	1/4 of 4	10	\$ 1,457.25	All Year
Sophomore Class Advisor	OBHS	Shulack	Kathleen	N	1/2 of 11	4	\$ 314.00	All Year
Junior Class Advisor	OBHS	Haugk	Michael	D	8	6	\$ 2,690.00	All Year
Senior Class Advisor	OBHS	Mimna	Michelle	L	9	3	\$ 1,681.00	All Year
French Club Advisor	OBHS	Nippert	Sara	E	11	1	\$ 493.00	All Year
Model United Nations Advisor	OBHS	LaFlamme	Michael	A	11	2	\$ 538.00	All Year
National Honor Society Advisor	OBHS	Carder	Laura	E	1/3 of 11	0	\$ 149.33	All Year
National Honor Society Advisor	OBHS	Morris	Stephen	R	1/3 of 11	0	\$ 149.33	All Year
School Newspaper Advisor	OBHS	Bush	Erin	E	10	4	\$ 1,076.00	All Year
Service Club Advisor	OBHS	Gunn	Maxwell	S	1/2 of 9	0	\$ 672.00	All Year
Student Council Advisor	OBHS	Shulack	Kathleen	N	8	4	\$ 2,242.00	All Year
Thespians Advisor	OBHS	Gibbons	Erin	C	11	12	\$ 897.00	All Year
Yearbook Advisor	OBHS	Bush	Erin	E	6	4	\$ 3,587.00	All Year
Freshman Class Advisor	OLHS	Ashworth	Jaime	A	1/2 of 11	3	\$ 291.50	All Year
Freshman Class Advisor	OLHS	Holcombe	Sarah	A	1/2 of 11	3	\$ 291.50	All Year
Freshman Class Mentor	OLHS	Ashworth	Jaime	A	1/2 of 4	2	\$ 2,017.50	All Year
Freshman Class Mentor	OLHS	Holcombe	Sarah	A	1/2 of 4	2	\$ 2,017.50	All Year
Sophomore Class Advisor	OLHS	Stimmel	Joshua	J	1/2 of 11	0	\$ 224.00	All Year
Junior Class Advisor	OLHS	Shuman	Molly	M	1/2 of 8	4	\$ 1,121.00	All Year
Forensics Assistant Advisor	OLHS	McCarty	Sarah	M	8	2	\$ 2,018.00	All Year
Drama Club Advisor	OLMS	Scott	Melissa	J	10	2	\$ 986.00	All Year
Math Counts Advisor	OLMS	Wright	Jessica	M	10	0	\$ 897.00	All Year
Model United Nations Advisor	OLMS	Beal	Amy	M	11	3	\$ 583.00	All Year
Student Council Advisor	OLMS	Wright	Jessica	M	1/2 of 11	0	\$ 224.00	All Year
Student Council Advisor	OLMS	Hoffman	Anna	L	1/2 of 11	6	\$ 358.00	All Year
MS Science Enrichment Advisor	OLMS	Gilliam	Kelly	C	10	8	\$ 1,255.00	All Year
Math Counts Advisor	OOMS	Smith	Amy	C	10	0	\$ 897.00	All Year
Model United Nations Advisor	OOMS	Demana	Michael	A	11	11	\$ 897.00	All Year
Student Council Advisor	OOMS	Haege	Katrin	Y	11	3	\$ 583.00	All Year
Teen Advocate Advisor	OOMS	Davis	Jayne	M	11	8	\$ 807.00	All Year
Yearbook Advisor	OOMS	Snivley	Christine	M	11	7	\$ 762.00	All Year
Math Counts Advisor	OSMS	Blatter	Kristen	L	1/2 of 10	3	\$ 515.50	All Year
Math Counts Advisor	OSMS	Luttrell	Thomas	J	1/2 of 10	1	\$ 471.00	All Year
Model United Nations Advisor	OSMS	Moss	Jacob	A	11	3	\$ 583.00	All Year
Student Council Advisor	OSMS	Ward	Rebecca	A	1/2 of 11	8	\$ 403.50	All Year
Student Council Advisor	OSMS	Stoan	Krista	M	1/2 of 11	1	\$ 246.50	All Year
Yearbook Advisor	OSMS	Robinson	Faith	E	11	0	\$ 448.00	All Year
MS Enrichment advisor	OSMS	Stewart	Nathan	R	8	1	\$ 1,905.00	All Year
ES Enrichment Advisor	AES	Bachmann	jannie	M	1/2 of 8	0	\$ 896.50	All Year
ES Enrichment Advisor	AES	Travis	Sarah	M	1/2 of 8	9	\$ 1,401.00	All Year
ES Music Enrichment Advisor	CES	Miracle	Aileen	N	10	14	\$ 1,345.00	All Year
ES Music Enrichment Advisor	CES	Miracle	Aileen	N	10	14	\$ 1,345.00	All Year
ES Music Enrichment Advisor	CES	Miracle	Aileen	N	11	14	\$ 897.00	All Year
ES Enrichment Advisor	CES	Doak	Amy	M	2/3 of 8	3	\$ 1,420.00	All Year
ES Enrichment Advisor	CES	Tod	Jennifer	M	1/3 of 8	14	\$ 971.33	All Year
ES Music Enrichment Advisor	SRES	Krasny	Kimberly	S	10	23	\$ 1,345.00	All Year
ES Music Enrichment Advisor	SRES	Kaufman	Emily	T	11	19	\$ 897.00	All Year
ES Music Enrichment Advisor	SRES	Krasny	Kimberly	S	10	23	\$ 1,345.00	All Year

Supplemental Area	Location	Coach / Advisor			Contract			
		Last Name	First Name	Middle	Group	Step	Amount	Season
ES Music Enrichment Advisor	SRES	Ehret	Anna	M	11	1	\$ 493.00	All Year
ES Enrichment Advisor	SRES	Hoskins	Ashley	M	1/3 of 8	0	\$ 597.67	All Year
ES Enrichment Advisor	SRES	Bates	Kristen	L	1/3 of 8	3	\$ 710.00	All Year
ES Enrichment Advisor	SRES	Bates	Kristen	L	1/3 of 8	3	\$ 710.00	All Year
Band								
Band Director	OLMS	Given	Aaron	J	5	12	\$ 5,380.00	All Year
Band Director	OOMS	Cabral-Hever	Jennifer	A	5	18	\$ 5,380.00	All Year
Assistant Band Director	OOMS	Zerkle	Zachary	T	7	5	\$ 3,363.00	All Year
Band Director	OSMS	Grimes	Melissa	J	5	9	\$ 5,156.00	All Year
Music								
Orchestra/Strings Director	OOMS	Cornett	Lori	L	1/2 of 6	19	\$ 2,466.00	All Year
Orchestra/Strings Director	OOMS	Irvine	Alyssa	L	1/2 of 6	9	\$ 2,354.00	All Year
Vocal Music Director	OOMS	Thomson	Walter	D	5	8	\$ 4,932.00	All Year
Orchestra/Strings Director	OSMS	Irvine	Alyssa	L	5	9	\$ 5,156.00	All Year
Vocal Music Director	OSMS	Silcott	Katherine	E	5	14	\$ 5,380.00	All Year
Elem After School Orchestra	CES	Henning	Jillian	B	5	6	\$ 4,483.00	All Year
Elem After School Orchestra	WCES	Musgrave	Christiane	Middle	5	10	\$ 5,380.00	All Year
Saftey Patrol								
Saftey Patrol	CES	Tod	Jennifer	M	1/4 of 9	2	\$ 392.25	All Year
Saftey Patrol	CES	Tagione	Regina	K	1/4 of 9	2	\$ 392.25	All Year
Saftey Patrol	CES	Dodson	Anna	R	1/4 of 9	0	\$ 336.25	All Year
Saftey Patrol	CES	Brinkman	Stacey	L	1/4 of 9	2	\$ 392.25	All Year
Saftey Patrol	TRES	Vogel	Ryan	A	9	18	\$ 2,466.00	All Year
Saftey Patrol	WCES	Saunders	Gerald	L	9	16	\$ 2,466.00	All Year
Washington DC Coordinator								
Washington DC Coordinator	OLMS	Beal	Amy	M	7	2	\$ 2,690.00	All Year
Washington DC Coordinator	OOMS	Green	David	L	2/3 of 7	9	\$ 2,839.33	All Year
Washington DC Coordinator	OSMS	Hanna	Eric	O	7	18	\$ 4,483.00	All Year
Drama								
Drama Director	OBHS	Gibbons	Erin	C	4	12	\$ 5,829.00	Fall
Drama Choreographer	OBHS	Grimm	Shabbone	M	8	4	\$ 2,242.00	Fall
Football								
7th Grade Head Football Coach	OHMS	Doan	William	T	6	3	\$ 3,363.00	Fall
Washington, DC - 8th Grade Trip								
Washington, DC - Chaperone	OBMS	Barone	Angela	M	11	0	\$ 448.00	Fall
Washington, DC - Chaperone	OBMS	Ebersole	Jennifer	A	11	9	\$ 852.00	Fall
Washington, DC - Chaperone	OBMS	Emrich	Justin	D	11	11	\$ 897.00	Fall
Washington, DC - Chaperone	OBMS	Haskins	Jenna	T	11	5	\$ 673.00	Fall
Washington, DC - Chaperone	OBMS	McCord	Gavin	J	11	0	\$ 448.00	Fall
Washington, DC - Chaperone	OBMS	Milligan	Heather	A	11	0	\$ 448.00	Fall
Washington, DC - Chaperone	OBMS	Schreiber	Adam	H	11	6	\$ 717.00	Fall
Washington, DC - Chaperone	OBMS	Smith	Travis	H	11	0	\$ 448.00	Fall
Washington, DC - Chaperone	OBMS	Tuttle	William	G	11	2	\$ 538.00	Fall
Washington, DC - Chaperone	OBMS	Whiteside	Jeffrey	L	11	7	\$ 762.00	Fall
Washington, DC - Chaperone Volunteer	OBMS	Boroff	Holly	P	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Callif	Holly	M	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Harris	Allison	C	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Hoehn	Amanda	N	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Luedtke	Jordan	F	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Nagy	Keely	L	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Rinehart	Christine	N	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Schutte	Morgan	T	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Srivastava	Jenna		N/A	N/A	\$ -	Fall
Washington, DC - Chaperone	OHMS	Imbrogno	Jason	M	11	0	\$ 448.00	Fall
Washington, DC - Chaperone	OHMS	Buckerfield	Brian	W	11	5	\$ 673.00	Fall
Washington, DC - Chaperone	OHMS	Muntean	Nicole	V	11	3	\$ 583.00	Fall

Supplemental Area	Location	Coach / Advisor			Contract			
		Last Name	First Name	Middle	Group	Step	Amount	Season
Washington, DC - Chaperone	OHMS	Roberts	Meghan	B	11	1	\$ 493.00	Fall
Washington, DC - Chaperone	OHMS	Frobose	Kyle	E	11	3	\$ 583.00	Fall
Washington, DC - Chaperone	OHMS	Holibaugh	Diane	M	11	4	\$ 628.00	Fall
Washington, DC - Chaperone	OHMS	Benesh	Charles	F	11	8	\$ 807.00	Fall
Washington, DC - Chaperone	OHMS	King	Matthew	R	11	0	\$ 448.00	Fall
Washington, DC - Chaperone	OHMS	Koons	Amy	M	11	1	\$ 493.00	Fall
Washington, DC - Chaperone Volunteer	OHMS	Meyer	Elizabeth	A	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OHMS	Voss	Samantha	J	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OHMS	Fullenkamp	Jana	L	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OHMS	Ortman	Kristen	M	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OHMS	Kern	Tami	R	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OHMS	Schmidt	Mychal	J	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OHMS	Byard	Melissa	M	N/A	N/A	\$ -	Fall

PUPIL ACTIVITY SUPERVISOR CONTRACTS**2022-23 School Year***Recommended for Board of Education Approval on October 6, 2022*

Supplemental Area	Location	Coach / Advisor			Contract			
		Last Name	First Name	Middle	Group	Step	Amount	Season
Advisors								
Service Club Advisor	OBHS	Brazen	Zachary	I	1/2 of 9	0	\$ 672.00	All Year
Sophomore Class Advisor	OLHS	Cwynar	Marsha	A	1/2 of 11	0	\$ 224.00	All Year
Yearbook Advisor	OLMS	Shiner	Sally	J	11	1	\$ 493.00	All Year
MS Enrichment Advisor	OLMS	Fraser	Diane	H	8	11	\$ 2,914.00	All Year
Drama Club Advisor	OOMS	Berg	Sydney	E	10	0	\$ 897.00	All Year
Drama Club Advisor	OSMS	Gleason	Tina	N	10	17	\$ 1,345.00	All Year
ES Music Enrichment Advisor	AES	Duffy	Mary Beth	P	11	10	\$ 897.00	All Year
Music								
Elem After School Orchestra	GOES	Mertz	Christine	E	5	10	\$ 5,380.00	All Year
Elem After School Orchestra	HES	Zigler	Melissa	M	5	20	\$ 5,380.00	All Year
Elem After School Orchestra	LTES	Mertz	Christine	E	5	10	\$ 5,380.00	All Year
Performing Arts								
Performing Arts Chaperone Volunteer	OLHS	Kasraei	Shailan	N	N/A	N/A	\$ -	All Year
Performing Arts Chaperone Volunteer	OLHS	Wagner	Wendy	L	N/A	N/A	\$ -	All Year
Performing Arts Chaperone Volunteer	OOHS	Hatfield	Emily	K.	N/A	N/A	\$ -	All Year
Washington DC Coordinator								
Washington DC Coordinator	OOMS	Rambo	Lisa	H	1/3 of 7	9	\$ 1,476.67	All Year
Football								
Asst Football Coach Volunteer	OOMS	Poulter	Judson	L.	N/A	N/A	\$ -	Fall
Drama								
Drama Technical Director	OBHS	Gibbons	Douglas	A	9	4	\$ 1,793.00	Fall
Washington, DC - 8th Grade Trip								
Washington, DC - Chaperone Volunteer	OBMS	Axtell	Harold	S	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Barker	Linda		N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Barrows	Bethanne	M	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Bodurov	George	R	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Coriell	Matthew	J	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Chase	Manette	M	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Dolan	Patrick	J	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Grijak	John	J	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Hernandez	Dean	C	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Holcomb	Bethany	A	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Lindahl	Morgan	E	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	McQuillen	Jennifer	S	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Miller	Kimberly	K	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Prall	Dawn	M	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Ricketts	Joshua	J	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Roberts	Jennifer	N	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Rose	Carrie	M	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OBMS	Zachrich	Colby	M	N/A	N/A	\$ -	Fall
Washington DC - Chaperone	OHMS	Burgan	Donna	A	11	7	\$ 762.00	Fall
Washington, DC - Chaperone Volunteer	OHMS	Crider	Alexa		N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OHMS	Itano	Amy	E	N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OHMS	Osterholt	Lauren		N/A	N/A	\$ -	Fall
Washington, DC - Chaperone Volunteer	OHMS	Newman	Maxwell		N/A	N/A	\$ -	Fall

CLASSIFIED SUBSTITUTES
2022-2023 School Year

Recommended for Board of Education Approval on October 6, 2022

Wendy Aguilar

Evan Anderson

Aleena Batool

Elizabeth Carter

Sharon Gardner

Patrick Greenwell

Nancy Hinderliter

Abilasha Kandalu

Brittany Landes

Aniya Logan

Jennifer Montgomery

Caroline Nelson

Chris Peplinski

Dennis Roberts

Robin Smith

Christopher Wood

OLENTANGY LOCAL SCHOOL DISTRICT

Student Activity Purpose Statement

School: Olentangy Orange HS _____

Activity Name: Speech and Debate

Purpose: To help students improve as communicators and leaders and compete in organized, formal speech and debate events throughout the region. _____

Major Types of Revenue: Membership dues (\$40) _____

Major Types of Expenditures: Team registration through Ohio Speech and Debate Association, competition registration fees, student-designed team shirts, district transportation (if needed for future competition outside of Columbus area)


Building Principal


Business Manager


Sponsor

9/8/22
Date submitted

Student Overnight and Out-of-State Trip Requests
10-06-22

EX. C.2 - October 6, 2022
1 of 1

School	Beginning Date of Trip	Return Date	School Days Missed	# of Volunteers	Event	Location	Transportation	Approximate Number of Students
OOHS	12/2/2022	12/3/2022	0	0	Science Olympiad/Northview Invitational	Sylvania, OH	School Bus	30
OOHS	12/16/2022	12/17/2022	1/2	0	Girls Varsity Wrestling/FIGHT Invitational	Findlay, OH	School Bus	20
OOHS	1/6/2023	1/7/2023	0	0	Science Olympiad/Westlake HS Invitational	Westlake, OH	School Bus	40
OOHS	1/27/2023	1/28/2023	0	0	Science Olympiad/Beachwood HS Invitational	Beachwood, OH	School Bus	30
OOHS	2/3/2023	2/4/2023	0	0	Science Olympiad/Solon HS Invitational	Solon, OH	School Bus	41
OOHS	2/11/2023	2/12/2023	0	0	Girls Varsity Wrestling/Gettysburg Dual Meet	Gettysburg, OH	School Vans	15
OOHS	2/16/2023	2/19/2023	0	0	Science Olympiad/U Penn Science Olympiad	Philadelphia, PA	Charter Bus	40
OOHS	3/24/2023	4/1/2023	0	0	Baseball/Spring Trip	Marion, NC and Nashville, TN	Charter Bus	18-22
OHS	3/26/2023	3/31/2023	0	0	Varsity Baseball/Ripken Experience	Myrtle Beach, SC	Parents	16
OOHS	3/26/2023	3/30/2023	0	0	Softball/Spring Break Trip	Orlando, FL	Parents/Air/Charter	27
OOMS	5/8/2023	5/12/2023	5	5	8th Grade Washington, DC Trip	Washington, DC	Charter Bus	300
OBHS	11/17/2023	11/23/2023	2	20-25	Disney World Performance/March Band and Orchestra	Orlando, FL	Charter Bus	200

Transportation to be declared impractical for the following students at the October 6, 2022, board meeting in accordance with the November 29, 2005, Board of Education Resolution.

Student First Name	Student Last Name	Building	Grade	Parent Name
Japhia Deborah	Allwyn	Tree of Life/Northridge	Ninth Grade	Allwyn Selvin
Chloe	Basnet	Bishop Watterson HS	Tenth Grade	Gilda Basnett
Elliott	Brown	Tree of Life/Polaris	First Grade	Alexa Brown
Troy	Dennis	Tree of Life/Dublin	Kindergarten	Nicole Dennis
Levi	Sherrod	Tree of Life/Polaris	Kindergarten	Mark Sherrod



OLENTANGY SCHOOLSSM

Project:

Olentangy Local School District
Elementary School No. 2



**Proposal for
GMP #1 Elementary No. 02**

presented to:

Olentangy Local School District

Monday, October 3, 2022

AIA® Document A133™ – 2019 Exhibit A

Guaranteed Maximum Price Amendment

This Amendment dated the day of in the year, date signed by Owner at the end of this Amendment is incorporated into the accompanying AIA Document A133™-2019, A133™-2009, Standard Form of Agreement Between Owner and Construction Manager as Constructor where the basis of payment is the Cost of the Work Plus a Fee with a Guaranteed Maximum Price dated the day of in the year (the "Agreement")
(In words, indicate day, month, and year.)

for the following **PROJECT**:
(Name and address or location)

New Elementary: #2
#418-240-01-068-000 / Piatt Road; Lewis Center, OH

THE OWNER:
(Name, legal status, and address)

Olentangy Local School District Board of Education
7840 Graphics Way; Lewis Center, OH 43035

THE CONSTRUCTION MANAGER:
(Name, legal status, and address)

Robertson Construction Services, Inc.
1801 Thornwood Drive; Heath, OH 43056

TABLE OF ARTICLES

- A.1 GUARANTEED MAXIMUM PRICE
- A.2 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION
- A.3 INFORMATION UPON WHICH AMENDMENT IS BASED
- A.4 CONSTRUCTION MANAGER'S CONSULTANTS, CONTRACTORS, DESIGN PROFESSIONALS, AND SUPPLIERS

ARTICLE A.1 GUARANTEED MAXIMUM PRICE

§ A.1.1 Guaranteed Maximum Price

Pursuant to Section 3.2.6 of the Agreement, the Owner and Construction Manager hereby amend the Agreement to establish a Guaranteed Maximum Price. As agreed by the Owner and Construction Manager, the Guaranteed Maximum Price is an amount that the Contract Sum shall not exceed. The Contract Sum consists of the Construction Manager's Fee plus the Cost of the Work, as that term is defined in Article 6 of the Agreement. The Guaranteed Maximum Price covered by this Amendment is for the following scope of work:

§ A.1.1.1 The Contract Sum for this GMP Amendment #1 is guaranteed by the Construction Manager not to exceed (\$), subject to additions and deductions by Change Order as provided in the Contract Documents. \$21,398,185.30

Twenty-One Million Three Hundred Ninety-Eight thousand One hundred Eighty-Five Dollars and Thirty cents

Init.

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User Notes:

(793324363)

§ A.1.1.2 Itemized Statement of the Guaranteed Maximum Price. Provided below is an itemized statement of the Guaranteed Maximum Price organized by trade categories, including allowances; the Construction Manager's contingency; alternates; the Construction Manager's Fee; and other items that comprise the Guaranteed Maximum Price as defined in Section 3.2.1 of the Agreement.

(Provide itemized statement below or reference an attachment.)

§ A.1.1.3 The Construction Manager's Fee is set forth in Section 6.1.2 of the Agreement. **\$419,572.26**

§ A.1.1.4 The method of adjustment of the Construction Manager's Fee for changes in the Work is set forth in Section 6.1.3 of the Agreement.

§ A.1.1.5 Alternates

§ A.1.1.5.1 Alternates, if any, included in the Guaranteed Maximum Price:

Item	See exhibit A1.1.5.1	Price	No Alternates Included
------	----------------------	-------	------------------------

§ A.1.1.5.2 Subject to the conditions noted below, the following alternates may be accepted by the Owner following execution of this Exhibit A. Upon acceptance, the Owner shall issue a Modification to the Agreement.

(Insert below each alternate and the conditions that must be met for the Owner to accept the alternate.)

Item	N/A	Price	N/A	Conditions for Acceptance
------	-----	-------	-----	---------------------------

§ A.1.1.6 Unit prices, if any:

(Identify the item and state the unit price and quantity limitations, if any, to which the unit price will be applicable.)

Item	See exhibit A1.1.6	Units and Limitations	Price per Unit (\$0.00)
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ARTICLE A.2 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

§ A.2.1 The date of commencement of the Work shall be:

(Check one of the following boxes.)

☐ The date of execution of this Amendment.

☒ Established as follows:

(Insert a date or a means to determine the date of commencement of the Work.)

**Notice of Commencement (for this GMP to enable the issuance of contracts)
to be issued October 7, 2022, based on School Board Approval at October 6, 2022 Meeting**

If a date of commencement of the Work is not selected, then the date of commencement shall be the date of execution of this Amendment.

§ A.2.2 Unless otherwise provided, the Contract Time is the period of time, including authorized adjustments, allotted in the Contract Documents for Substantial Completion of the Work. The Contract Time shall be measured from the date of commencement of the Work. **Construction duration based on start of work on site April 3, 2023 and Substantial Completion May 31, 2024**

§ A.2.3 Substantial Completion

§ A.2.3.1 Subject to adjustments of the Contract Time as provided in the Contract Documents, the Construction Manager shall achieve Substantial Completion of the entire Work:

(Check one of the following boxes and complete the necessary information.)

☐ Not later than () calendar days from the date of commencement of the Work.

Init.

[x] By the following date: **May 31, 2024**

§ A.2.3.2 Subject to adjustments of the Contract Time as provided in the Contract Documents, if portions of the Work are to be completed prior to Substantial Completion of the entire Work, the Construction Manager shall achieve Substantial Completion of such portions by the following dates:

Portion of Work	Substantial Completion Date
CMR General Conditions, Staff and Fee	May 31, 2024 for GMP #1 and future GMP #2

§ A.2.3.3 If the Construction Manager fails to achieve Substantial Completion as provided in this Section A.2.3, liquidated damages, if any, shall be assessed as set forth in Section 6.1.6 of the Agreement.

ARTICLE A.3 INFORMATION UPON WHICH AMENDMENT IS BASED

§ A.3.1 The Guaranteed Maximum Price and Contract Time set forth in this Amendment are based on the Contract Documents and the following:

§ A.3.1.1 The following Supplementary and other Conditions of the Contract: **N/A**

Document	Title	Date	Pages
----------	-------	------	-------

§ A.3.1.2 The following Specifications:

(Either list the Specifications here, or refer to an exhibit attached to this Amendment.)

See exhibit A3.1.2

Section	Title	Date	Pages
---------	-------	------	-------

§ A.3.1.3 The following Drawings:

(Either list the Drawings here, or refer to an exhibit attached to this Amendment.)

See exhibit A3.1.2

Number	Title	Date
--------	-------	------

§ A.3.1.4 The Sustainability Plan, if any: **N/A**

(If the Owner identified a Sustainable Objective in the Owner's Criteria, identify the document or documents that comprise the Sustainability Plan by title, date and number of pages, and include other identifying information. The Sustainability Plan identifies and describes the Sustainable Objective; the targeted Sustainable Measures; implementation strategies selected to achieve the Sustainable Measures; the Owner's and Construction Manager's roles and responsibilities associated with achieving the Sustainable Measures; the specific details about design reviews, testing or metrics to verify achievement of each Sustainable Measure; and the Sustainability Documentation required for the Project, as those terms are defined in Exhibit C to the Agreement.)

Title	Date	Pages
-------	------	-------

Other identifying information:

§ A.3.1.5 Allowances, if any, included in the Guaranteed Maximum Price: **See exhibit A3.1.5**

(Identify each allowance.)

Item	Price
Temporary Climate Control	\$200,000 Included within the GMP #01

§ A.3.1.6 Assumptions and clarifications, if any, upon which the Guaranteed Maximum Price is based:
(Identify each assumption and clarification.)

See exhibit A3.1.6

§ A.3.1.7 The Guaranteed Maximum Price is based upon the following other documents and information:
(List any other documents or information here, or refer to an exhibit attached to this Amendment.)

See exhibit A3.1.7 for GMP Summary and Itemized costs

ARTICLE A.4 CONSTRUCTION MANAGER'S CONSULTANTS, CONTRACTORS, DESIGN PROFESSIONALS, AND SUPPLIERS

§ A.4.1 The Construction Manager shall retain the consultants, contractors, design professionals, and suppliers, identified below: See exhibit A3.1.7

(List name, discipline, address, and other information.)

This Amendment to the Agreement entered into as of the day and year ~~first written above~~ signed by Owner below.

OWNER (Signature)

Olentangy Local School District Board of Education
By: Jeff Gordon, Director of Business Management and
Facilities

(Printed name and title)

Date

(Printed name and title)

CONSTRUCTION MANAGER (Signature)

Robertson Construction Services, Inc.

By: Christian Robertson, President & CEO

(Printed name and title)

Date

(Printed name and title)

CERTIFICATE OF FUNDS

(ORC Section 5705.41)

The undersigned Treasurer for the Olentangy Local School District, located in Delaware County, Ohio, hereby certifies in connection with the preceding GMP Amendment that the amount required to meet the obligations under the contract for the preconstruction services described in the Amendment, has been lawfully appropriated for the purpose, and is in the treasury or in process of collection to the credit of an appropriate fund, free from any outstanding obligation or encumbrance.

Date:

Treasurer/CFO

Olentangy Local School District

GMP Amendment A1.1: GMP Scopes of Work

The following scope of services contains the extent of the work that Robertson intends to provide Amendment within GMP 01.0 for the Olentangy Local School District New Elementary No. 02.0:

General:

Robertson Construction Services_– Staff for Balance of Project

Robertson Construction Services_– General Conditions for Balance of Project. CMR Bond and Insurance for this GMP only.

Robertson Construction Services_– Fee for this GMP only.

Robertson Construction Services_– Contingency for this GMP only.

Individual Bid Packages:

Bid Package No. 01.0: Sitework & Utilities (Bid Event #02)

Bid Package No. 02.0: Concrete (Excluding Exterior Concrete Work)

Bid Package No. 03.0: Masonry

Bid Package No. 04.0: Structural Steel, Joists, & Deck

Bid Package No. 05.0: General Trades (Excluding Exterior Work)

Bid Package No. 06.0: Roofing

Bid Package No. 07.0: Aluminum Glass & Glazing

Bid Package No. 08.0: Drywall & Acoustical Ceilings

Bid Package No. 09.0: Floor Coverings and Wall Tile

Bid Package No. 10.0: Wood Flooring

Bid Package No. 11.0: Painting

Bid Package No. 12.0: Food Service Equipment

Bid Package No. 13.0: Casework

Bid Package No. 14.0: Fire Suppression

Bid Package No. 15.0: Plumbing

Bid Package No. 16.0: Heating, Venting, and Air Conditioning

Bid Package No. 17.0: Electric & Technology

Bid Package No. 18.0: Asphalt Paving (Bid Event #02)

Bid Package No. 19.0: Surveying

Temporary Climate Control Allowance



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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

ALL SUBCONTRACTORS

- A. The work of this Work Description applies to **all Subcontractors** and does not negate individual contract responsibilities as described further in the Bid Packages. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor's execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.

Narrative Description for **ALL SUBCONTRACTORS**. The Work of this Description includes, but shall not be limited to the following items:

1. Coordinate with the Construction Manager and Owner's operation of its facilities and all surrounding existing facilities. ALL FACILITIES AND SYSTEMS SHALL REMAIN OPERATIONAL AT ALL TIMES WITHOUT EXCEPTION.
2. Coordinate shutdowns and transfers a minimum of two (2) weeks prior to the planned work with the Construction Manager and Owner's schedule. This Subcontractor shall work such hours, including night shifts, overtime operations, and Sundays and holidays, as may be necessary to insure minimal disruption to the Owner's operation of its business, and as directed by the Construction Manager.
3. NO ONSITE STOCKPILING OF ANY MATERIALS IS PERMITTED WITHOUT APPROVAL OF THE CONSTRUCTION MANAGER, THE OWNER, AND ALL AUTHORITIES HAVING JURISDICTION. The Construction Manager may reject material deliveries at this Subcontractor's expense that are not coordinated with the Construction Manager and/or not delivered during the time frame(s) approved to be delivered. All deliveries are to be coordinated with the Construction Manager within a minimum of 48 hours in advance of arrival. Provide care and storage of all materials delivered to the job site in furtherance of this Subcontractor's Work..
4. Temporary Utility Installation, setup charges, and tear down charges at the building shall be included in the Subcontractors base bid amount as follows:
 - Electric: By Electrical Subcontractor
 - Water: By Plumbing Subcontractor
 - Gas: By Plumbing Subcontractor

Note: All consumption charges shall be by the Owner.

- ~~5. This Subcontractor has reviewed thoroughly and understands the included Geotechnical Exploration Report prepared by Professional Service Industries, Inc.~~

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dated November 1, 2019 and subsequent soil borings. A Geotechnical report has not been yet been completed, and any/all remediation costs will be included in the round 2 bidding for the sitework, utilities, paving, and exterior concrete. See allowances/unit pricing requested to be included in bids accordingly.

6. Viewpoint Team shall be utilized on this project. Viewpoint Team is a web-based program (identity.team.viewpoint.com) that will provide access to RFIs, Approved Submittals, Drawings, Daily Logs, Project Contacts, and Miscellaneous Documents (Meeting Minutes, Specifications, Schedules, etc.).
 - a. The site foreman/superintendent shall have access to a computer and/or mobile device and network daily to access Viewpoint Team. At minimum one (1) account for each Subcontractor shall be required.
 - b. Subcontractor Daily Logs maybe submitted through Viewpoint Team at the instruction of the Construction Manager. Daily Logs are only available to view if they have been assigned to a specific user.
 - c. An app is available for mobile devices, search for: Viewpoint Team. The app will give access to RFIs, Approved Submittals, Drawings, Daily Logs, and Miscellaneous Documents.
7. Attendance is required and mandatory for the weekly jobsite Progress Meetings, which will be conducted by Robertson Construction Services, Inc., for review of job safety, job progress, update construction schedules, coordination with other trades, manpower requirements, project issues, etc. This Subcontractor must have in attendance at these meetings a representative of their company that can make decisions on behalf of their company related to cost, schedule, manpower, and other project related items.
8. Provide for and obtain all trade permits necessary to complete this scope of work. This includes all labor, material, equipment and after-hours inspection costs required for completing the Life Safety pre-testing and testing required to meet Code. Include all canned smoke, smoke bombs, smoke machine, magnets and 2-way communication radios as required for this scope of work. This Subcontractor will be responsible for all inspection costs associated with their work. Include a sufficient number of inspections for a project of this size and complexity, unless noted elsewhere in the Scope of Work.
9. This Subcontractor agrees to comply with the onsite check-in protocols for all onsite employees, which requires the use of a device that supports internet connection via cell tower.
10. This Subcontractor is associated with the project that meets the definition of a "site operator" per the Ohio EPA General Permit, shall complete the co-permittee NOI application and submit the application to the Ohio EPA. The Subcontractor shall be covered under the same EPA facility permit number assigned to the project. The Subcontractor will be responsible for complying with the requirements within the EPA General Permit.
11. Provide reflective vests and/or highly visible orange/green clothing for their employees and they shall be required on site at all times by all workers in all areas, inside and outside of the building.
12. Provide all protection (masonite, plywood, tarps, drop cloths, masking, taping, covering, etc.) of all floors, walls, ceilings, adjacent finishes, etc. during the installation of their Work. Promptly remove all protection upon completion of the Work.
13. Provide prompt repairs of any items or areas damaged during their activities. If Subcontractor is not qualified to accomplish the repairs (i.e. concrete work or roofing), the Subcontractor shall engage qualified contractors approved by the

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Construction Manager. Clean all adjacent structures and improvements and return adjacent areas to conditions existing before their operations.

14. Provide all miscellaneous and concealed caulking and joint sealants for their Work, or as specifically identified.
15. Provide all firestopping systems for their Work.
16. This Subcontractor shall breakdown all boxes, crates, etc. prior to disposal.
17. Unless scheduled otherwise with the Construction Manager, work shall be performed during normal workdays and hours (Monday – Friday, between 7:00 AM and 4:00PM). Provide such manpower, materials, facilities, and equipment to work on multiple concurrent areas of the building interior and exterior as required by the project schedule.
18. All personnel will be required to sign-in every day with the Construction Manager. Failure to sign in may result in dismissal from the site.
19. Provide such manpower, materials, facilities, and equipment, and shall work such hours, including night shifts, overtime operations, and Sundays and holidays, as may be necessary to ensure the progress and completion of his Work in accordance with the approved, mutually agreed upon and currently updated progress schedule. If this Subcontractor's Work actually falls behind the currently updated and approved progress schedule, and it becomes apparent from the current schedule that their Work will not be completed by the specified dates, this Subcontractor shall, as necessary, take some or all of the before mentioned actions, at no additional cost to the Construction Manager or the Owner, as required to substantially eliminate the backlog of Work.
20. Provide continuous daily cleanup to maintain job progress and avoid interference with other Subcontractors. Each Subcontractor on-site shall provide one (1) employee for one (1) full 8 hour day per week to participate in a general trash clean-up of the project. However, this does not preclude each Subcontractor from cleaning up their particular debris on a daily basis.
21. Secure and pay for all fees, permits, multiple inspections, and approvals as required per local, state and Federal regulations and as needed to perform the work of each Subcontract. The General Building Permit along with all customary "capacity", "connection" and or "tap" charges shall be by the Owner.
22. Provide all required warranties as specified for their scope of Work. Provide temporary maintenance and extended warranties for all equipment turned on prior to final acceptance from the Owner. All warranties shall begin upon Substantial Completion and Owner Acceptance for the Project.
23. Provide all operating, maintenance, extra materials, attic stock, and repair part manuals for all equipment and systems provided. Provide "as-built" record drawings in hard copy and electronic formats for the new and modified systems as required.
24. Multiple mobilizations of supervision, manpower, equipment, and materials are included. This Subcontractor includes additional warranty fees, mobilization fees, and any other fees as a result.
25. Ensure all vehicles, trucks, and equipment leaving the site and the offsite staging area have thoroughly washed all mud from the vehicle. Cleanup of dirt/mud/debris deposited on streets, parking lots, and pavement by this Subcontractor daily. Dust control during the course of this Work is the responsibility of this Subcontractor.
26. Provide all traffic control traffic control during the times when specifically required for their operation, including but not limited to: road signage, off-duty police, barricades, road closures, lane closures, flagging, etc. It is the Subcontractor's responsibility to provide competent flag persons and adequate safety devices to protect the public during all of their operations. Coordinate all work with all authorities having jurisdiction.

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27. Provide all field verification of all grades, lines, elevations and dimensions prior to fabrication and installation of their Work. Immediately notify Construction Manager of any deviations.
28. This Subcontractor is responsible for the accuracy of the layout of their Work. This Subcontractor shall review and accept conditions prior to beginning their installation. If conditions are unacceptable, this Subcontractor shall immediately notify the Construction Manager.
29. This Subcontractor shall hold all material prices for the duration of the Project – no escalation charges or surcharges shall be allowed or considered.
30. Cause notice at least two (2) working days prior to the start of construction to be given to the Ohio Utilities Protection Service (OUPS 1.800.362.2764) and to the Owners of the underground utilities who are not members of a registered underground protection service. The OUPS service shall be kept current during all Subcontractor operations. In addition, this Subcontractor shall provide all hand excavation, x-rays, hydrovac, or other non-destructive means to locate all existing utilities prior to the start of work.
31. Properly store and dispose of all hazardous waste, mixed waste and used materials. Hazardous waste, mixed waste and used materials must properly leave the Project on a regular basis by this Subcontractor, with all materials being removed from the jobsite and Owner's property in accordance with all Federal, State, OSHA, and pertinent laws and codes before the last day of the Contract. This Subcontractor shall properly execute manifests for these materials, if applicable. Virgin materials in original manufacturer's containers must be stored by this Subcontractor to the manufacturer's recommended instructions. All other liquids shall be properly stored with secondary containment and/or in flammable liquid safety cabinets provided by this Subcontractor. This Subcontractor shall not be permitted at any time to have hazardous waste, mixed waste and used materials enter the Project, jobsite, or Owner's property. This Subcontractor shall not dispose hazardous waste, mixed waste and used materials into storm sewers, sanitary sewers or allow direct contact with the ground.
32. **This Subcontractor and their subcontractors are required to provide to the Construction Manager daily reports.** Deliver daily reports to the Construction Manager's job site field office on the following workday that the Work is performed. Daily Reports shall include weather conditions, manpower, pertinent quantities installed, and any other pertinent information. Failure to submit daily reports shall be cause for delaying/withholding payment.
33. MEP COORDINATION SCOPE: Participate in the mechanical coordination process. This Subcontractor is advised that because of tight constraints, coordination of fire protection, plumbing, HVAC, electrical, communications, security, drywall and general trades building components in this building is critical. To resolve space conflicts, prior to construction, the HVAC Subcontractor shall take the lead in coordinating the efforts of all Subcontractor to produce Coordination Drawings. Final MEP Coordination Drawings shall be completed within sixty (60) days of the Letter of Intent.
 - a. Coordination meetings are to be attended by a representative of each of these Subcontractors above and the Construction Manager and are to be held at a minimum of once a week to resolve any and all conflicts in the placement of the Work of each of the other contractors. Each Subcontractor shall assign one person to lead this process for their respective firms. This person will be responsible to attend each meeting. The meetings will be held at the Construction Manager's on site office. Any and all costs associated with these meetings and the relocation in routing and elevation of any given

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line resulting from this coordination process is to be included in the Base Bid. No items may be resized or exposed items relocated without the approval from the Design Team. All elevations and locations shall be subject to the final approval by the Design Team. An itemized list of changes and alterations must be submitted to the Design Team in addition to the coordination drawings.

- b. The HVAC Subcontractor is required to submit final, color-coded coordination drawings to the Construction Manager for reference by the Design Team. These final composite drawings shall be signed and dated by all Subcontractors identified above prior to submission to the Construction Manager. Provide four (4) sets of color prints, one (1) copy of the AutoCAD Files and one (1) copy of the PDF files on CD to the Construction Manager. Provide the AutoCAD files (true as-builts) on CD for the Owner's use with the required as-built drawings.
- c. The HVAC Subcontractor shall be responsible for distributing two (2) color prints of the final signed composite drawings, one (1) copy of the AutoCAD Files and one (1) copy of the PDF files electronically, to each of the other Subcontractors.
- d. This Subcontractor shall be aware that the coordination process is a "best attempt" to minimize conflicts which may arise in the field prior to installation of work. It is not meant to be all-inclusive. If additional conflicts arise during the installation of the work, it is the responsibility of the affected contractors to resolve said conflicts at no additional cost to the Owner which includes, but it not limited to, relocation of cable tray, conduits, ductwork, piping and miscellaneous. hangers and supports, etc. The Construction Manager shall decide which trade(s) must perform relocations so as to best serve the project and Owner.
- e. This Subontractor shall note the submission of coordination drawings is in addition to the shop drawing submittal process. All costs for this work shall be included in the base bid. A detailed list of changes, alterations, and deviations shall be included with the submission to clearly indicate areas that the A/E Team need to specifically acknowledge and approve.

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RCS Project No. 22-088****SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS****PART 1 - GENERAL****1.1 SUMMARY**

- A. The work of the Project shall be performed under separate Subcontracts as defined in this section.
- B. The following is a list of the Subcontracts to be bid during this phase of the Project:
- Bid Package No. 01.0: Sitework & Utilities (For Reference Only; Will Be Bid At Later Date)
 - Bid Package No. 02.0: Concrete (Exterior Concrete To Be Bid At Later Date)
 - Bid Package No. 03.0: Masonry
 - Bid Package No. 04.0: Structural Steel, Joists, & Deck
 - Bid Package No. 05.0: General Trades
 - Bid Package No. 06.0: Roofing
 - Bid Package No. 07.0: Aluminum Glass & Glazing
 - Bid Package No. 08.0: Drywall & Acoustical Ceilings
 - Bid Package No. 09.0: Floor Coverings and Wall Tile
 - Bid Package No. 10.0: Wood Flooring
 - Bid Package No. 11.0: Painting
 - Bid Package No. 12.0: Food Service Equipment
 - Bid Package No. 13.0: Casework
 - Bid Package No. 14.0: Fire Suppression
 - Bid Package No. 15.0: Plumbing
 - Bid Package No. 16.0: Heating, Venting, and Air Conditioning
 - Bid Package No. 17.0: Electric & Technology
 - Bid Package No. 18.0: Asphalt Paving (For Reference Only; Will Be Bid At Later Date)
 - Bid Package No. 19.0: Surveying
- C. The General Conditions, Special Conditions and Division 1 - General Requirements shall apply to all Subcontracts for this Project. Each Bid Package is to include all Work in accordance with the Contract Documents, except Work listed in other Bid Packages. Collectively, these construction Subcontracts include all materials, labor, superintendents, transportation, tools, equipment and services for the Project as shown on the drawings and specified herein, or as may be required or necessary for a complete and satisfactory job.

Each Bid Package shall include all provisions outlined in the All Subcontractors scope of work. This section is intended to cover the general requirements and expectations of every company working on the project. This section also applies to tier 2, 3, etc. Subcontractors performing services on the project.

If there is a conflict on a specific item between the Contract Documents and the scope of work as stated herein, the scope of work will govern; however, if an item is covered in the Contract Documents, but not reiterated in the scope of work, the Bidder will still be responsible for that item of Work. Each Subcontractor shall supervise his Work, using his best skills and attention. They shall be solely responsible for construction means, methods, techniques, sequences, dimensions

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and procedures and/or coordinating all portions of their Work, with all Work to be performed under separate contracts and/or other Bid Packages.

The Subcontractor for this Bid Package shall be experienced and qualified to anticipate and understand the requirements and conditions associated with the construction of this type on a restricted site. It will be necessary to perform out-of-sequence work and come-back work, so as to accommodate continuity and use of existing facilities, temporary facilities, phased construction, completion of spaces, and all other needs of the project. Work in compliance with this paragraph is not considered Extra Work.

This Subcontractor is aware of the SARS CoV-2 (COVID-19) Pandemic and of related project requirements and regulations and the global impact of the virus on labor availability and the global supply chain. Subcontractor is also aware of labor availability and the global supply chain issues beyond those attributable to the pandemic. Subcontractor has considered and accounted for the impact of these items on its scope of work, if any, prior to contract execution. To the extent the spread of SARS CoV-2, or global supply chain issues, results in project shutdowns, critical impacts or delays, Subcontractor's sole remedy for delay is the non-compensable time extension referenced above. Subcontractor shall notify the Construction Manager in writing within 48 hours after the commencement of a delay, if Subcontractor claims an adjustment in the time of performance because of such delay, or the right to such adjustment shall be waived. Further, Subcontractor is responsible for any expenses related to SARS CoV-2, which includes but not limited to quarantine costs, including hotel/lodging expenses, meal expenses and any other travel related expenses; SARS CoV-2 tests, SARS CoV-2 treatment, SARS CoV-2 vaccination, all safety and PPE expenses and any other unforeseen expenses. Notwithstanding anything else in this Subcontract, if Subcontractor believes it has been impacted by a Covid or pandemic-related issue, or global supply chain issue, a remedy for which would otherwise be unavailable under the Subcontract, Subcontractor may assert a claim for such issue with the understanding that it will receive on that claim only what the Construction Manager receives from the Owner for that claim. Subcontractor waives all other claims or rights regarding any such Covid or pandemic-related issue, or supply chain issue.

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #01: Sitework & Utilities

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor's execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents. These details of the scope of work are to be assumed for the entire length of the project, not just when the Subcontractor is performing work onsite.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00	Procurement and Contracting Requirements (all Sections)
Division 01	General Requirements (all Sections)
Division 03	Concrete
03 06 30.01	CONCRETE SCHEDULE (Partial – for work of this subcontract only)
03 06 30.02	TYPICAL SLAB DEPRESSION LEGEND
03 30 00	CAST-IN-PLACE CONCRETE (Partial – for work of this subcontract only)
Division 11	Equipment
11 68 33	ATHLETIC FIELD EQUIPMENT
11 68 33.35	DUGOUT STRUCTURES
Division 31	Earthwork
31 10 00	SITE CLEARING
31 20 00	EARTH MOVING
Division 32	Exterior Improvements
32 12 16	ASPHALT PAVING (Partial – for work of this subcontract only)
32 13 13.00	CONCRETE PAVING (Partial – for work of this subcontract only)
32 18 23	ATHLETIC SURFACING (Partial – for work of this subcontract only)
32 31 13	CHAIN LINK FENCES AND GATES (as it relates to coordination)
32 92 00.00	TURF AND GRASSES
32 93 00	PLANTS (Partial – for work of this subcontract only)
Division 33	Utilities
33 05 00	COMMON WORK RESULTS FOR UTILITIES

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22 41 00 STORM UTILITY DRAINAGE SYSTEMS
33 46 00 SUBDRAINAGE

- E. Narrative Description of **Bid Package #01, Site Work & Utilities**. The Work of this Bid Package includes, but shall not be limited to the following items:

GENERAL SITE ITEMS

1. Provide all site clearing and selective site demolition required, including but not limited to: clearing, grubbing, asphalt pavements, trees, concrete, sidewalks, curbs landscaping, root system of trees, shrubs, and crops, required demolition permits, detailed report of demolition procedures and sequences, protection of areas to remain, all environmental controls, and proper legal disposal of all materials, etc. This includes removing, rerouting, capping, and documenting field tiles discovered during earthwork.
2. Provide all environmental and dust control measures utilizing all reasonably available control measures for fugitive airborne dust for the site in accordance with Ohio EPA and all authorities having jurisdiction, including but not limited to: spraying with water, misting, wind breaks, dust suppression chemicals, etc. Prevent and remove all standing water for more than a 24-hour period from these operations. This Subcontractor shall exercise great care to control dust. It should be anticipated that dust control measures shall be employed multiple times per day. This Subcontractor shall have a water truck with sprayer on-site and/or other dust control measures as required to achieve this. All water consumption/hauling costs until water can be attained onsite is by this Subcontractor.
3. Coordinate the location of all topsoil stockpiles with the Construction Manager.
4. Provide all surveying, staking, grades, benchmarks, control, water, storm and sanitary profiles, and perform subsequent layout from initial survey information required for this Subcontractor's Work by a registered professional surveyor. Coordinate and confirm surveying requirements with Surveyor and Construction Manager prior to commencing work. Provide as-built drawings of this Subcontractor's Work by a registered professional surveyor.
5. Provide a 1" temporary waterline split to the masonry mix station (final location to be determined by the Construction Manager). Assume the mix station will be located at the furthest point of the bus loop.
6. ~~Provide all electrical, technology, and phone conveyance for AEP primary service from Gregory Road to the transformer location at the building (approximately 1,600ft). Coordinate all work with the Electrical Subcontractor. Install conduit pathway complete with pull strings from the transformer to the trailer area for the electricians use. Coordinate with Electrical Subcontractor pull box requirements. This includes concrete encasement under any surface other than lawn.~~
7. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, forktrucks, lifts, skid loaders, light plants, excavator, compactors, trucking, etc.
8. This Subcontractor shall include cleaning of the adjacent project streets (multiple times per day) as required by the Construction Manager. Cleaning shall include cleaning with a street cleaning machine, at least once a day, as required by the Construction Manager to minimize disruption to the neighborhood and traffic.
9. Provide and maintain erosion and sediment control measures as shown on the Contract Documents or as directed in the Storm Water Pollution Prevention Plan (SWPPP) using Best Management Practices, including but not limited to: silt fence, sediment fence, dandy bags, straw bales, sediment traps, sediment basins, sediment barriers, check ditches, geotextiles, temporary diversion channel, temporary stand/riser pipes, straw waddles, check dams, excelsion matting, temporary seeding, temporary stabilized construction entrances, concrete washout, etc. This

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Subcontractor shall remove silt and sediment from retention ponds, sediment basins, and rock channels, and remove the temporary stabilized construction entrances and re-grade to final elevations prior to landscaping and seeding. Maintain erosion control and EPA log. Remove all erosion and sediment control measures following Notice of Termination of SWPPP and restore disrupted areas. Regular maintenance and removal of the silt fence/sediment fence is by this Subcontractor, unless damaged by others. **Include silt fence around gravel drains.**

10. Provide all means of mud removal, road maintenance, pothole filling, light grading, etc. daily while onsite or as directed by the Construction Manager when not onsite.
11. Provide all means of snow and ice removal at the beginning of every day following a snowfall of one inch (1") or greater, and at the direction of the Construction Manager. This includes weekends. Snowfall to be removed within 24hrs or less of event. Apply grits in heavy foot traffic and parking areas for safety. This activity is to be monitored and scheduled by this Subcontractor.
12. This Subcontractor shall provide all means necessary to meet all project and interim Milestones established by the Construction Manager and Owner.
13. All deliveries are to be coordinated with the Construction Manager with a minimum of 48 hours notice from arrival.
14. Provide all temporary power and/or other utilities or temporary forms thereof as required to complete the work of this subcontract. The Owner and CMR are not providing any utilities for this bid package.
15. Provide and maintain a temporary roadway around the building including conduit sleeves for pathways of Primary and Secondary electrical service, technology conduits, gas piping, etc. The temporary roadway for access around the entire building 14'-0" in width. This roadway shall be constructed of 8" of #2 stone and 4" of #304 Limestone. The elevation/location of the temporary roadway should be installed so that it can be abandoned in place below the permanent road/parking/sidewalk areas as reviewed by the Construction Manager. Install temporary roadway with any drainage provisions directed by the CM. Install the road no closer than 10'-0" to the building line unless approved by the Construction Manager. The permanent roadways will be built atop the temporary with the full stone and pavement profile. The temporary roadway will be removed in its entirety when in a lawn area despite the elevation installed.
16. Install the site access roadways and parking areas required by the Contract Documents and further described below. The roadway shall be 25' in width and shall be constructed of 8" of #2 stone and 4" of #304 Limestone on geotextile fabric (in heavy duty areas not receiving other stabilization) ODOT item 712.09 type D and suitable base material. This roadway shall be built such that it will meet/exceed the permanent roadway design and will remain in place unless directed by the Construction Manager. Include monthly mud removal as directed by the Construction Manager.
17. This Subcontractor shall install stone through the parking islands and remove/restore at the end of the project.
- 18. Provide all cement stabilization.**
19. See Figure A below and site logistics plan to clarify urgent scope of work. The urgent scope of work completion date is 7/15/2021. Building Pad, Temporary Access Road, Laydown Parking Areas, and all associated stabilization.

MASS GRADING

20. Provide all excavation, trenching, backfilling and compaction in accordance with the Specifications for this scope of work, including but not limited to: gravel backfill, dirt backfill, and backfilling over utility systems. Excavated materials shall be loaded directly into a dump truck and redistributed onsite.
21. As noted in the soils report, provide all required excavation support systems and associated engineering by a licensed professional engineer, if conditions require.
22. Accept the site and soils conditions; excavate to subgrade elevations regardless of the

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character of the surface and subsurface conditions encountered. Excavated materials may include rock, poor soil materials, and obstructions. No changes in the Contract Sum or the Contract Time will be authorized for rock excavation or removal of obstructions without approval of Construction Manager. Replace all unsatisfactory soils materials and rock intended for fill and backfill with satisfactory soils materials.

23. Provide all soils work to aerate, disc, scarify and dry, soft, wet or unsuitable areas up to 12" in depth to achieve the required moisture content, compaction, and proofroll requirements in the Contract Documents. Soft and unsuitable soils that are not repairable as described above shall be excavated and replaced with compacted fill from onsite. Include a minimum of 3 attempts to dry material. Each attempt should include a proofroll as required. Include rework of top surface as required by soil engineer at the start of each work day. No charges for downed equipment will be allowed.
24. Provide all rough and fine grading of the subgrade to the top of subgrade elevations shown on the Contract Documents. This includes, but is not limited to all grading for: asphalt areas, curbs, sidewalks, stone paver areas, lawn areas, all landscaping areas, etc. Final grade all areas to within tolerance of plus/minus one inch (1"). All earthwork elevations shall be field verified; notify the Construction Manager of any discrepancies.
25. This Subcontractor shall redistribute all spoils onsite generated from other trades underground work on the building pad, walks, curbs, utility infrastructure and pathways, light pole bases, exterior site improvements, etc. **These spoils will be stockpiled by trades along the north property line starting at Piatt Rd and heading west along the bike path.** Provide all grading, compaction, temporary seeding, and other maintenance of this pile including all EPA requirements on a weekly basis or as directed by the Construction Manager.
26. Provide all compacted stone subbase for all heavy, medium and light duty asphalt and concrete paving areas to within 1" of final grade for temporary use. **Provide all restoration of the stone subbase used temporarily.** The final 1" of compacted subbase to final grade ready for pavements will be by others. Aggregate base under concrete sidewalks and curbs is excluded (use of temporary road in most locations). Subgrade for walks and curbs by others. This Subcontractor is to leave these areas graded similar to adjacent areas. Coordinate with Construction Manager.
27. Provide all compacted stone subbase for all mechanical yards to final grade for temporary use. **Provide all restoration of the stone subbase used temporarily.** These areas shall be capped to final elevation with the permanent stone as directed by the Construction Manager.
28. Provide #304 crushed limestone on building pad as follows: **6"** in thickness, **8"** at the depressed gymnasium to 10'-0" beyond building lines. The stone shall be rolled and compacted. NOTE: the gymnasium floor is a recessed slab and will be at a different subgrade elevation than the adjacent rooms. However, the top of #304 stone shall be at the same elevation for drainage. All stone in lawn areas outside the building footprint will be removed and hauled away by this Subcontractor at the end of the project or as directed by the Construction Manager. Infill with topsoil as required.
29. Provide complete construction entrances.
30. Provide all temporary barricades of their work outside of the project work limits, competent flag persons, and adequate safety devices to protect the public during all of their operations. Coordinate all work and temporary barricade requirements with all authorities having jurisdiction.
31. Prevent surface water and ground water from entering excavations, from ponding on prepared subgrades, and from flooding Project site and surrounding areas. Protect subgrades from softening, undermining, washout, and damage by rain or water accumulation. Dewater all standing water as required to prevent damage to prepared subgrades.
32. Provide all topsoil and respread to the required thickness. Final grade at all areas to within tolerance of plus/minus 1/2". All earthwork shall be graded to top of subgrade

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elevation shown on the Contract Documents.

33. Provide all testing of topsoil as required by the specification and the Construction Manager to ensure soil composition is appropriate to receive seeding. Provide soil amendments as required to achieve specified soil conditions.
34. Maintain all vegetation within the temporary construction fence at the discretion of the construction manager, including three feet (3') on the outside of the fence. Once per month or as directed by the CM, mow the lawn within the construction fence limits. Use of trimmer as necessary at temporary fencing and silt fencing. Grass should be maintained at a height less than 6". **This should be anticipated on both phases of work.**
35. Provide a final as-built survey of the completed project site.
36. Work is to be performed after a rainfall event at the discretion of the Construction Manager.

FINE GRADING AND LANDSCAPING

1. Provide all grading and fine grading of soils. Provide all surface preparation to cultivate soil; remove surface soil of roots, clods, stones and other extraneous materials by rockhounding, raking, etc. Items larger than a ODOT #57 stone shall be removed.
2. Provide all landscaping complete, including, but not limited to: trees, shrubs, plants, soil amendments, topsoil mixtures, fertilizers, seeding, erosion control blankets, erosion control fiber mesh, erosion control mats, mulches, stakes and guys, drainage/separation fabric, drainage gravel, anchors, excavation, backfilling, etc.
3. Provide all plants that cannot be installed and survive during the current planting season, and install in the next planting season. The Substantial Completion date for these plants will begin following installation and acceptance.
4. Provide all water required for this scope. Continue watering as necessary through the specified maintenance period in accordance with the Contract Documents.
5. Inspect all plant materials prior to delivery and installation. Plant materials not acceptable to the Owner shall be replaced at no additional cost to the Owner.
6. **Maintain trees, shrubs, lawns and other plants until through the specified maintenance period in strict accordance with the Contract Documents.**
7. This Subcontractor shall perform subsequent layout from the initial survey information required for this Subcontractor's work. This Subcontractor shall coordinate surveying requirements with the Construction Manager.
8. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, forklifts, lifts, skid loaders, light plants, excavators, dozers, graders, compactors, trucking, etc.
9. Provide all steel edging and edge restraints, including but not limited to: steel edging, stakes, concrete, welding, etc. Provide all excavation, concrete, layout, backfilling, anchors, etc. for these items.
10. **Provide all stabilized crushed aggregate surfacing and gravel subbase, including but not limited to: decomposed granite, stone fines, subbase, steel edgings, compaction, stabilizers, geotextiles, mock-ups, grading, vibrating, compaction, water, etc.**
11. **Provide all soil mixes and topsoil to the required thickness and final grades, including but not limited to: planting soils mixes, sand, topsoil, testing and reporting, etc. Provide all grading and fine grading to the elevations shown in the Contract Documents. Verify all existing subgrades and subgrade elevations prior to placement of the soil. This includes the noted athletic field mixes shown on the G series drawings. Coordinate with the sitework Subcontractor.**
12. Provide complete new turf and athletic field including complete drainage system, field goal uprights, portable soccer goals, lacrosse netting systems, and play clocks per the Contract Documents. This also includes soil conditioner at baseball field.
13. This Subcontractor is to reference both the Architectural and Civil plans for their work and note any discrepancies during the bidding period and assume the higher footages for the bid.
14. Provide all drainage systems complete for the fields and tie into adjacent stormwater systems, ponds, ditches, swales, etc. as necessary.

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15. Locate materials where directed by Construction Manager. Grade and shape stockpiles to drain surface water and cover or temporary seed to prevent windblown dust.
16. Provide all excavation, trenching, backfilling and compaction in accordance with the Specifications, including but not limited to: gravel backfill, dirt backfill, and backfilling over piping systems. Excavated materials shall be loaded directly into a dump truck and exported. Restore or replace all areas disturbed by this Subcontractor, including but not limited to: sawcutting asphalt or concrete, pavements, lawns, sidewalks, curbs, other site appurtenances, etc. Patch all pavement, curbs, and sidewalks at disturbed areas for their Work.
17. Provide all environmental and dust control measures utilizing all reasonably available control measures for fugitive airborne dust for the site in accordance with Ohio EPA and all authorities having jurisdiction, including but not limited to: spraying with water, misting, wind breaks, dust suppression chemicals, etc. Prevent and remove all standing water for more than a 24-hour period from these operations.
18. Prevent surface water and ground water from entering excavations, from ponding on prepared subgrades, and from flooding Project site and surrounding areas. Protect subgrades from softening, undermining, washout, and damage by rain or water accumulation. Dewater all standing water as required to prevent damage to prepared subgrades.
19. Provide all export and properly legally dispose of all excess and unsuitable materials by this Subcontractor. Provide all export material or import suitable fill material as required for this Project.
20. Provide all adjustments to the existing structures and appurtenances in paved and grass areas are to be set to final grade; allow for one adjustment to final grade.
21. Provide all winter protection as required for their Work, including but not limited to: temporary heaters and consumed fuel, temporary enclosures, additional bracing, blankets, etc.

STORMWATER

37. Provide all storm drainage systems identified unless noted herein, including, but not limited to: piping, catch basins, foundation drainage, mechanical yard drainage, underdrains, inlets, yard drains, trench drains, headwalls, structures, grade rings, rock channels, custom structures, temporary barricades, spillways, controlled density fill (CDF), and manholes. All connections to existing systems including core drilling and/or boring patching in accordance with the local code requirements. Final connection and inspection by the governing authorities to the system is by this Subcontractor. Precast structures shall be cast with knock-outs for underdrain piping and finger drains. Structures and appurtenances in paved and grass areas are to be set to final grade; allow for one adjustment to final grade (including existing structures and appurtenances). All testing and inspections required by local code requirements including but not limited to: exfiltration tests, infiltration tests, air tests, deflections tests, hydrostatic tests, etc. All sawcutting of existing paving as required. Minimum cover shall be 30" unless noted otherwise; if minimum cover is not available, encase pipe in 6" of concrete unless noted otherwise. Storm drainage installation shall be phased to minimize damage during construction.
38. Provide all storm retention systems, including but not limited to: excavation, compacted backfill, aggregate, piping, geotextiles, concrete, temporary risers and skimmers, collection chambers, accessories, forebay and micropools, etc. Provide one final cleaning, grading, and exporting of soils, for the retention/detention basin prior to project completion.
39. Provide all cast iron downspout boots & clean out caps complete with concrete ring as shown on the documents. Cleanouts within the temporary roadway around the building shall be installed below final grade and covered with a road plate for protection during construction.
40. Adjust all storm structures to final grade prior to paving with added grade ring. Provide protection of storm structures complete with orange fencing as directed by the

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construction manager.

41. Test & clean all completed piping systems in accordance of the Delaware County's standards.
42. This Subcontractor shall review and coordinate the installation of piping to not undermine the structural integrity of the building footings. Any piping within 5'-0" of the building shall be reviewed with the Construction Manager if any discrepancies are discovered.

SANITARY SEWER

43. Provide all sanitary sewer systems identified to five feet (5') outside the building exterior walls (multiple locations), including, but not limited to: piping, piping to extend through the foundation walls, relocation of piping, clean-outs, structures, and manholes. All connections to existing systems including core drilling and patching in accordance with the local code requirements. Final connection and inspection by the governing authorities to the building system is by this Subcontractor. Structures and appurtenances in paved areas are to be set to final grade; allow for one adjustment to final grade (including existing structures and appurtenances). Clearly locate, define, and protect these locations. All sawcutting of existing paving, pavement patching, road closures, maintenance of traffic, and permitting are by this Subcontractor. All testing and inspections required by local code requirements including but not limited to: exfiltration tests, infiltration tests, air tests, deflections tests, hydrostatic tests, etc. Provide granular fill under all pavements and sidewalks as specified for trench backfill.
44. The building grease interceptors, and all piping from the building to the interceptors shall be by others.
45. Cleanouts within the temporary roadway around the building shall be installed below final grade and covered with a road plate for protection during construction.
46. Test & clean all completed piping systems in accordance of the Delaware County's standards.
47. This Subcontractor shall review and coordinate the installation of piping to not undermine the structural integrity of the building footings. Any piping within 5'-0" of the building shall be reviewed with the Construction Manager if any discrepancies are discovered.

WATER DISTRIBUTION

48. This Subcontractor shall furnish and install all waterline and fire water service piping identified in the Civil Drawings including, but not limited to: taps to mains, valves, hydrants, backflow preventers, meters, thrust blocks, sawcutting, patching concrete and asphalt, temporary barricades, meter pit, and other appurtenances in conformance with all local, state, etc. building codes. This Subcontractor shall provide all piping identified in the Civil Drawings from the main line tap into the building to one (1') foot above the finish floor elevation with flange for connection by others. Appurtenances in paved and grass areas are to be set to final grade; allow for one adjustment to final grade (including existing structures and appurtenances). All testing and inspections required by local code requirements including but not limited to: air tests, hydrostatic tests, etc. All disinfection, flushing, cleaning and bacteriological reports. All sawcutting and patching of existing paving. Provide granular fill under all pavements and sidewalks as specified for trench backfill.
49. Provide remote fire department connection to a flange inside of the building footprint one foot (1') above the finished floor. All testing and inspections required by local code requirements including but not limited to: air tests, hydrostatic tests, etc. All disinfection, flushing, cleaning and bacteriological reports.
50. Provide all fire department signage on waterlines.
51. Include concrete barricades at each fire hydrant to prevent damage.
52. Provide all required permitting through authorities having jurisdiction.
53. This Subcontractor shall review and coordinate the installation of piping to not

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undermine the structural integrity of the building footings. Any piping within 5'-0" of the building shall be reviewed with the Construction Manager if any discrepancies are discovered. Where the fire line runs parallel to the building on the south elevation (near the playground) include CDF or concrete encasement to prevent damage to adjacent construction of the building.

- F. Allowance: Include the following Allowance(s):

Allowance No. 01.0: Unsuitable fill with onsite material replacement

Allowance No. 02.0: Unsuitable fill with 304

- G. Unit Prices: Include the following Unit Prices:

Sitework Unit Price #1 – Unsuitable fill with on-site material replacement

An allowance of 1,500 CY for unsuitable soil is to be included in the base bid amount. This allowance will be applied to existing soil deemed to be unacceptable by the soils testing engineer. Measurement will be based on the in-place volume, and is to include all costs associated with the excavation of the unsuitable material, including removal, distribution and placement of the excavated unsuitable material to a location on site as determined by the Construction Manager, and obtaining, placing and compacting suitable material in the excavation.

The unit price bid for this work ("Unsuitable Soil – cut/remove/replace") will be used to adjust the allowance up or down based on the authorized actual volume of unsuitable material. The unit price is to include all work noted above. For clarification, payment for one yard of material under this unit price will include the cutting and placement of one yard of unsuitable material and the cutting and placement of one yard of suitable material. The Contract Amount will be adjusted up or down based on the actual final authorized quantity.

Unsuitable Soil - cut/remove/replace 1,500CY @ \$ _____/CY =
\$ _____

Sitework Unit Price #2 – Unsuitable fill with 304 stone material replacement

An allowance of 1,500 CY for unsuitable soil is to be included in the base bid amount. This allowance will be applied to existing soil deemed to be unacceptable by the soils testing engineer. Measurement will be based on the in-place volume, and is to include all costs associated with the excavation of the unsuitable material, including removal, distribution and placement of the excavated unsuitable material to a location on site as determined by the Construction Manager, and obtaining, placing and compacting 304 Stone material in the excavation.

The unit price bid for this work ("Unsuitable Soil – cut/remove/replace with 304") will be used to adjust the allowance up or down based on the authorized actual volume of unsuitable material. The unit price is to include all work noted above. For clarification, payment for one yard of material under this unit price will include the cutting and placement of one yard of unsuitable material and all costs associated with procurement, hauling, placement and compaction of needed tonnage of 304 stone to replace The Contract Amount will be adjusted up or down based on the actual final authorized quantity.

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**Unsuitable Soil - cut/remove/replace with 304 1,500 CY @ \$ _____/CY =
\$ _____**

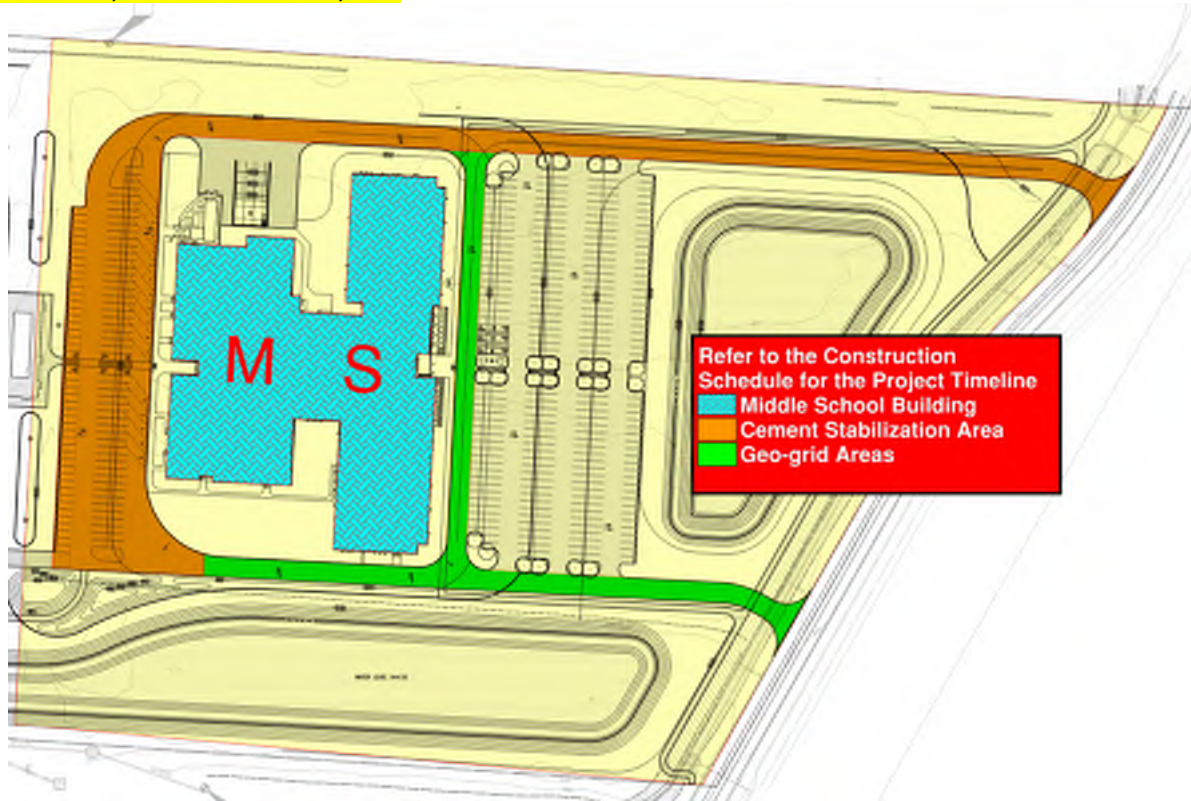
H. Alternates: Include the following Alternate(s):

Alternate No. 04.0: Baseball/Softball Field Parking Lot

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FIGURE A – Base Bid Scope

Building Pad, Temporary Construction Roadway, Site Entrances and Laydown Parking Areas, Cement Stabilization, Retention Ponds, Etc.



Heavy – Duty Paving – North Drive and Main West Parking Lot/Drives

- Provide Cement Stabilization for the compacted subgrade using ODOT Item 206 – Chemically Stabilized Subgrade based on a 12” depth using a 6% Cement spread rate for all Heavy – Duty Paving. This work shall be part of the Base Bid.

Heavy – Duty Paving – South Drive and East Parking Lot Heavy- Duty Drive Lane

- Provide a Biaxial Geogrid for All Heavy – Duty Paving at the South Driveway and the East Parking Lot Heavy- Duty Drive Lane. The Geogrid shall meet ODOT Item 712.15 (See Attached). This work shall be part of the Base Bid.

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #02: CONCRETE

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)**Division 01 General Requirements (all Sections)****Division 03 Concrete**

- 03 06 30.01 Concrete Schedule
- 03 06 30.02 Typical Slab Depression Legend
- 03 06 30.03 Concrete Mix Design Submittal
- 03 30 00 Cast-in-Place Concrete (as it relates to this scope)
- 03 41 13 Precast Concrete Hollow Core Plank (as it relates to this scope)

Division 05 Metals

- 05 51 00 Metal Stairs (as it relates to this scope)

Division 07 Thermal and Moisture Protection

- 07 11 13 Bituminous Dampproofing
- 07 13 00 Sheet Waterproofing
- 07 21 53 Thermal Insulation (as it relates to this scope)
- 07 92 00 Joint Sealants (as it relates to this scope)
- 07 95 13.13 Interior Expansion Joint Cover Assemblies (as it relates to this scope)

Division 09 Finishes (as it relates to coordination)

- 09 01 91 Moisture Resistant/Water-Proof Flooring Adhesive for Concrete Slabs
- 09 30 00 Tiling
- 09 64 66.00 Wood Athletic Flooring
- 09 65 16 Resilient Sheet Flooring
- 09 65 19 Resilient Tile Flooring

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Division 11 Equipment

11 68 33.35 Dugout Structures

Division 31 Earthwork

31 20 00 Earth Moving (as it relates to this scope)

E. Narrative Description of **Bid Package #02, Concrete**. The Work of this Bid Package includes, but shall not be limited to the following items:

1. Provide all structural concrete work, including but not limited to: foundations, footings, foundation walls, piers, pits, building walls, slabs, reinforcement, steps, grade beams, formwork, insulation, rigid insulation, expansion joints, isolation joints, construction joints, control joints, tooled joints, sawcut joints, keyways, waterstops, concrete, placing, finishing, curing, trowel applied finishes, joint sealants, all specified products, etc.
2. Provide all concrete reinforcement complete including bars, mesh, shapes, etc. The vertical footing rebar shall be fabricated with a 3" radius maximum 180 degree bend to eliminate the need for rebar caps. Bends shall be fabricated to run parallel with the wall. Rebar caps that must be used and cannot be eliminated will be provided by and maintained by this Subcontractor. The caps will become the property and responsibility of the Masonry Subcontractor once they begin laying on the wall.
3. Accept the site and soils conditions; excavate to subgrade elevations regardless of the character of the surface and subsurface conditions encountered.
4. Prevent surface water and ground water from entering excavations, from ponding on prepared subgrades, and from flooding Project site, and surrounding areas. Protect subgrades from softening, undermining, washout, and damage by rain or water accumulation. Dewater all standing water as required to prevent damage to prepared subgrades.
5. This Subcontractor shall be responsible for grinding excess curling to comply with the applicable flooring specification as directed by the CM prior to the installation of flooring.
6. Provide all excavation, trenching, backfilling and compaction in accordance with the Specifications for this scope of work. Excavated materials shall be immediately loaded directly into a dump truck and exported and unloaded on site at a location as designated by the Construction Manager. Restore or replace all areas disturbed by this Subcontractor, including but not limited to, lawns, other site appurtenances, etc.
7. This Subcontractor shall include backfilling and compaction of the interior/exterior of the new building foundation walls; coordinate with the Masonry Subcontractor.
8. ALL foundation excavation shall remain fully the responsibility of this Subcontractor until three (3) days after the placement of the concrete foundation. ALL dewatering, mud removal, snow removal, ice removal, cave-in removal, etc., shall be by this Subcontractor for the same three (3) days. After the three (3) days, the same responsibility shall be fully transferred to the Masonry Subcontractor until three (3) days after his placement and grouting of foundation masonry units to the 100'-0" elevation. After the Masonry Subcontractor's three (3) days, the responsibility shall again fully transfer back to this Subcontractor until acceptably backfilled by this Subcontractor as specified and required.
9. Provide all fabricated concrete steel and fiber reinforcement, including but not limited to: steel reinforcement bars, welded-wire fabric, epoxy coated reinforcement, smooth dowels, couplers, all supports for reinforcement, adhesive anchor bolts, welding of reinforcing bars, etc. Provide all minor field modification of reinforcement to fit field conditions.

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10. Provide all anchors and inserts in concrete, including but not limited to: dovetail anchors, wedge inserts, welded anchors, expansion bolts, adhesive anchoring, reglets, etc. Provide all minor field modification of anchors and inserts to fit field conditions.
11. Install only all embedded items in concrete; materials to be furnished by others, including but not limited to: anchor bolts, anchor rods, bearing plates, bent plates, angles, plates, expansion joint frames/anchors, etc. This Subcontractor shall unload, inventory, and protect from damage; immediately notify the Construction Manager of shortages and damages. All anchor bolts are to be post set unless specified otherwise by the EOR. Properly clean dust from holes and deform embedded portion of the threaded rod to prevent adhesion failure prior to installation. This Subcontractor shall provide the epoxy required to complete this work. Layout of the bolt pattern is to be by this Subcontractor. Coordinate with Masonry Subcontractor to ensure proper alignment with adjacent walls.
12. Provide all bollards complete, including but not limited to: excavation, backfilling, concrete, steel bollard, filling, etc.
13. Provide all grout and bituminous coatings on and under structural steel column base plates and concrete fill following erection of structural steel. This Subcontractor shall provide all grout at pockets in concrete.
14. This Subcontractor shall receive the building pads from the Sitework and Utilities Subcontractor as follows: #304 crushed limestone on building pad at 6" thick. The stone shall be rolled and compacted. This Subcontractor shall perform their scope of work from this provided condition and provide all their required scope of work, including the maintaining, dressing up and adding the final required compacted stone aggregate (1") base to the elevations required by the Contract Documents. In areas of elevated slabs, this Subcontractor shall provide all fill from 1" below 100'-0" to the required elevation (i.e. stage wall).
15. All trenches and/or utility trenches (fire protection, plumbing, electrical, etc.) required to be excavated and backfilled by other trades within the building line limits shall be preformed by the Subcontractors requiring such trenches. These other Subcontractors shall provide specified bedding, backfill around utilities and compacted aggregate stone backfill to subgrade elevation.
16. Provide all building concrete footings, foundations walls and walls, including but not limited to: aggregate subbase, grading and fine grading, formwork, expansion joints, isolation joints, construction joints, control joints, tooled joints, sawcut joints, concrete, placing, finishing, curing, dowels, epoxy, trowel applied finishes, joint sealants, etc.
17. Provide all formwork to block out notches for cast iron boots installed by others for downspout drains.
18. Install 3'x3'x3' foundations for volleyball inserts (provided by others) in the gymnasium including excavation. This shall be a separate pour and cannot be made monolithic.
19. Provide all concrete slabs, including but not limited to: slabs-on-grade, slabs-on-metal deck, metal pan stairs, concrete toppings, moisture barriers, vapor retarders, aggregate subbase, grading and fine grading, formwork, expansion joints, isolation joints, construction joints, control joints, tooled joints, sawcut joints, concrete, placing, finishing, curing, dowels, epoxy, trowel applied finishes, joint sealants, etc.
20. Provide all interior and exterior equipment and housekeeping concrete pads, sediment interceptor pads, for other Subcontractors as shown in the Contract Documents. Coordinate exact sizes, locations, etc. per contract documents and with the other Subcontractors. Housekeeping pads not shown on the contract documents shall be installed by the Subcontractor requiring the pad.
21. Provide a concrete washout(s) location, in accordance with all authorities having jurisdiction, including but not limited to: excavation, washout box, maintenance,

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disposal of concrete spoils, etc. until the point that this Concrete Contract makes their first through final pour.

22. This Subcontractor shall either provide and maintain wet curing of concrete complete with all blankets, matting, plastic, water, etc or include mechanical removal (assume mild grinding/standing of floors in base bid) of curing compound installed at the direction of the Construction Manager. Assume multiple mobilizations to perform this work.
23. The Surveying Subcontractor shall provide initial surveying benchmarks and controls; See BP 19 Surveying Scope of Work for reference. This Subcontractor shall provide a concrete monument 2'x2'x3' in the gymnasium prior to footings commencement. This monument shall be removed at the direction of the Construction Manager.
24. This Subcontractor shall provide all surveying, staking, grades, benchmarks, control and perform subsequent layout from initial survey information provided by the Construction Manager for this Subcontractor's Work, including but not limited to: footings, foundations, walls, embeds, anchor bolts, bearing plates, embedded plates, embedded anchor bolts, sleeves, penetrations, and mechanical/plumbing/electrical/fire protection openings, etc.
25. This Subcontractor shall provide as-built drawings of their Work.
26. Provide all equipment and operation of equipment, including but not limited to: hoisting, concrete pumps, laser screeds, concrete buggies, cranes, excavators, backhoes, skid loaders, loaders, conveyors, forktrucks, compactors, etc.
27. Provide all temporary power required to complete the work of this subcontract.
28. Provide all Winter Weather Measures and Protection, as directed by the Construction Manager, to include, but not limited to: hot water and admixtures for concrete, temporary heaters and consumed fuel, temporary enclosures, concrete blankets, ground heaters, all tenting, equipment, etc.
29. Provide and maintain all leading edge and opening fall protection at all concrete pours once steel/masonry work is completed and prior to pours; this protection shall remain in place until directed by the Construction Manager to remove the fall protection.
30. Provide all foundations drainpipe systems scope of work as per the Contract Documents, including but not limited to excavations, specified backfill material, compaction, and connection to the site storm systems and plumbing storm system. Coordinate with other Subcontractors as required for a complete working system as per the Contract Documents. NOTE: Notches will be required in the footings at these locations to allow for the downspout boot to properly rest against the wall and tie into the system.

F. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

1. N/A

G. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

1. N/A

H. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #03: MASONRY

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)**Division 01 General Requirements (all Sections)****Division 03 Concrete (as it relates to coordination)**

03 30 00 Cast-in-Place Concrete

Division 04 Masonry

04 20 00 Unit Masonry

04 20 00.01 Masonry Inspection Report

04 72 00 Cast Stone Masonry

Division 05 Metals (as it relates to coordination)

05 12 00 Structural Steel Framing

05 21 00 Steel Joist Framing

05 50 00 Metal Fabrications

Division 07 Thermal and Moisture Protection

07 11 13 Bituminous Damproofing (as it relates to this scope)

07 13 00 Sheet Waterproofing (as it relates to this scope)

07 21 53 Misc Thermal Insulation (as it relates to this scope)

07 25 00 Weather Barriers (as it relates to this scope)

07 27 23 Boardstock Air Barrier (as it relates to this scope)

07 62 00 Sheet Metal Flashing and Trim (as it relates to this scope)

07 84 13 Penetration Firestopping (as it relates to this scope)

07 84 43 Joint Firestopping (as it relates to this scope)

07 92 00 Joint Sealants (as it relates to this scope)

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07 95 13.13 Interior Expansion Joint Cover Assemblies

Division 08 Openings (as it relates to coordination)

08 11 13 Hollow Metal Doors and Frames

Division 09 Finishes (as it relates to coordination)

09 30 00 Tiling

09 91 13.00 Exterior Painting

09 91 23.00 Interior Painting

Division 11 Equipment

11 68 33.35 Dugout Structures

E. Narrative Description of **Bid Package #03, Masonry**. The Work of this Bid Package includes, but shall not be limited to the following items:

1. Provide all masonry units, including but not limited to: concrete masonry units, fire-resistance ratings, samples, mock-ups, precast concrete lintels, masonry lintels, brick, face brick, special shapes (bullnose, lintels, starters, solids, corners, sills, soldier, chamfered sills, water tables, corners, jambs, sash, bond beam, control joints, corbels, etc.), etc.
2. Provide all masonry mortars and grout materials, including but not limited to: Portland cement, lime, Portland cement lime mix as specified, mortar cement, mortar for unit masonry, fine grouts, coarse grouts, super-plasticizers, integral water repellents, aggregates, colored mortars, custom mortar colors, colored aggregates, pigments, sand, etc.
3. Provide all fabricated steel reinforcement for masonry, including but not limited to: steel reinforcement bars, all horizontal and vertical wall reinforcements, ladder type reinforcements, epoxy coated reinforcement, epoxy, smooth dowels, couplers, etc. at all walls, bond beams, masonry lintels, etc.
4. Provide all masonry anchorage, accessories, and joint reinforcement, including but not limited to: continuous wire reinforcing, metal ties, prefabricated shapes, radius shapes, ties and anchors, bent wire ties, adjustable anchors, veneer anchors, anchors for connecting to concrete, rigid anchors, adhesive anchors, miscellaneous anchors, embedded flashing materials, self-adhesive flexible flashing, adhesives, primers, compressible filler, preformed control joint gaskets, bond breaker strips, weep hole/vent, wicking material, cell vents, cavity drainage materials, grout stop, mortar net, thermal break, reinforcing bar positioners, masonry cell insulation, self-furring metal lath, intersecting masonry wall reinforcing, etc.
5. This Subcontractor shall furnish and install all thermal breaks at each opening per details on A6.03.
6. Water testing will be performed on all flashings prior to veneer exceeding 4'-0". Photo documentation is to be provided of each elevation for as-built documentation.
7. Provide all protection of adjacent work, doorjambs, sills and surfaces, etc. from splattering of mortar, grout, soil, mud, masonry cleaning, coatings, etc. that may stain or otherwise damage the work. Protect masonry during construction by covering in accordance with the Specifications, including covering all top courses so as to prevent water infiltration. Promptly clean all hollow metal frames, floor slabs, control and expansion joints, etc.
8. Provide all masonry patching and masonry infill following installation of the structural steel, and miscellaneous steel.
9. Provide all top of wall conditions at fire-rated walls, sound critical masonry walls, intersections at metal deck ribs, intersections at beams, and intersections at columns, in strict accordance with the Specifications, including but not limited to: acoustical

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insulation, acoustical sealants, neoprene deck closures, fire-safing, fire-caulking, mineral wool, etc.

10. Provide all fire rated wall sealants and backer materials.
11. Install only all embedded items in masonry to proper location and elevation; materials to be furnished by others, including but not limited to: anchor bolts, anchor rods, bearing plates, anchor bolts with plates, bent plates, angles, plates, sleeves, etc. This Subcontractor shall unload, inventory, and protect from damage; immediately notify the Construction Manager of shortages and damages.
12. Provide all flashing and building insulation concealed by this Subcontractor's Work, including but not limited to: insulation, mineral wool, prefabricated metal flashing and accessories, drip edge flashing, cavity wall flashing, wall coping flashing, copper laminated flashing, rubberized asphalt flashing, roof flashing, reglets, counterflashing, etc. Building insulation in cavity walls between masonry walls, wythes, etc. shall be coordinated by this Subcontractor.
13. Install and erect all steel as a part of the masonry work, including, but not limited to: steel lintels, loose lintels, brick relief angles, steel shelf angles, anchors, fasteners, adhesive anchors, etc. This material is provided by others. This Subcontractor shall unload, inventory, and protect from damage; immediately notify the Construction Manager of shortages and damages. The beams to provide future equipment access into the building shall be supplied by the Steel Subcontractor and installed by this Subcontractor.
14. The General Trades Subcontractor shall install true and plumb all hollow metal frames in masonry work. The Subcontractor shall completely fill with no voids the space between the hollow metal frames and masonry, jambs and heads, and vertical mullions with grout. This Subcontractor shall work with the GTC to ensure the frames remain plumb, level, and square. Once masonry is laid the responsibility for plumb, level, and square is with this Subcontractor.
15. Install all embedded metal flashing (part of roofing two-part counterflashing, etc) in masonry work. This material is provided by others. This Subcontractor shall unload, inventory, and protect from damage; immediately notify the Construction Manager of shortages and damages. This Subcontractor shall remove the protective plastic film following brick cleaning.
16. Provide all openings, blockouts, lintels, sleeves, etc. for the work of others that will be built into the new masonry walls, whether shown or not shown on the Drawings; coordinate with all Subcontractors and all Drawings. Steel lintels shall be furnished by others. Openings shall be physically located vertically and horizontally by the Subcontractor needing the openings. Do not provide openings that compromise the integrity of bearing support.
17. Provide all cleaning all masonry, per the Contract Documents.
18. The Surveying Subcontractor shall provide initial surveying benchmarks and controls; See BP 19 Surveying Scope of Work for reference.
19. This Subcontractor shall provide all surveying, staking, grades, benchmarks, control and perform subsequent layout from initial survey information provided by the Construction Manager for this Subcontractor's Work, including but not limited to: footings, foundations, walls, embeds, anchor bolts, bearing plates, embedded plates, embedded anchor bolts, sleeves, penetrations, and mechanical/plumbing/electrical/fire protection openings, etc.
20. Provide all masonry wall bracing per the latest Masonry Subcontractor's Association of America (MCAA) and Occupational Safety and Health Administration (OSHA) guidelines. This Subcontractor shall patch all masonry and concrete following the removal of wall braces and anchors. It should be anticipated that completed walls may not receive steel joists/bracing for a 30 day period.

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21. Completely remove all masonry debris continuously on a daily basis to dumpsters provided by this Subcontractor.
22. Provide all point and patch of masonry work during the course of the Work per the Contract Documents, and following blockfill painting and permanent lighting.
23. Properly store all masonry, masonry accessories and cementitious materials on elevated platforms in a dry location.
24. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, forklifts, lifts, skid loaders, grout pumps, mixers, etc.
25. Protect, maintain, and clean-up the project perimeter, temporary roads and laydown areas, and site from damage to prepared subgrades from masonry operations and equipment. Clean up shall include re-grade around perimeter of the building to pre-installation conditions where masonry scaffold was located and where materials were stored. Clean up and dispose of all masonry debris.
26. Provide and maintain all leading edge and opening fall protection at all masonry work; this protection shall remain in place until directed by the Construction Manager to remove the fall protection
27. Provide all temporary power required to complete the work of this contract.
28. Provide all Winter Weather Measures and Protection, as directed by the Construction Manager, to include, but not limited to: hot water and admixtures for concrete, temporary heaters and consumed fuel, temporary enclosures, concrete blankets, ground heaters, all tenting, equipment, etc.
29. This Subcontractor shall include enough dumpsters to remove and dispose of all masonry debris generated during the masonry operation.
30. Provide a grout washout(s) location, in accordance with all authorities having jurisdiction, including but not limited to: excavation, washout box, maintenance, disposal of concrete spoils, etc. until the point that this Contract makes their first pour. This Masonry Subcontractor shall from the time of their first pour until their final pour and punch work use of this grout washout(s) provide all maintenance, disposal of concrete spoils, etc .
31. Non potable water will be provided to the site at a location designated by the Construction Manager, this Subcontractor shall provide the means and methods of providing and using this water source to their systems scope of work.
32. ALL foundation excavation shall remain fully the responsibility of the Concrete Subcontractor until three (3) days after the placement of the concrete foundation. ALL dewatering, mud removal, snow removal, ice removal, cave-in removal, etc., shall be by the Concrete Subcontractor for the same three (3) days. After the three (3) days, the same responsibility shall be fully transferred to this Masonry Subcontractor until three (3) days after his placement and grouting of foundation masonry units to the 100'-0" elevation. After the Masonry Subcontractor's three (3) days, the responsibility shall again fully transfer back to the Concrete Subcontractor.

F. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

1. N/A

G. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

1. N/A

H. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #04: STRUCTURAL STEEL

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor's execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)**Division 01 General Requirements (all Sections)****Division 03 Concrete (as it relates to coordination)**

03 30 00 Cast-in-Place Concrete

Division 04 Masonry (as it relates to coordination)

04 20 00 Unit Masonry

Division 05 Metals

05 12 00 Structural Steel Framing

05 21 00 Steel Joist Framing

05 31 00 Steel Decking

Division 07 Thermal and Moisture Protection (as it relates to coordination)

07 81 00 Applied Fireproofing

07 81 23 Intumescent Fireproofing

- E. Narrative Description of **Bid Package #04, Structural Steel (Beams, Columns, Joists, Decking)**. The Work of this Bid Package includes, but shall not be limited to the following items:
1. This Subcontractor excludes Specification Sections 05 40 00 Cold Formed Metal Framing. This Subcontractor shall closely coordinate all required information with the Subcontractor of this Section.

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2. This Subcontractor excludes Specification Sections 05 50 00 Metal Fabrications. This Subcontractor shall closely coordinate all required information with the Subcontractor of this Section.
3. This Subcontractor excludes Specification Sections 05 51 00 Metal Stairs. This Subcontractor shall closely coordinate all required information with the Subcontractor of this Section.
4. This Subcontractor excludes Specification Sections 05 52 13 Pipe and Tube Railings. This Subcontractor shall closely coordinate all required information with the Subcontractor of this Section.
5. This Subcontractor shall submit with all shop drawings a letter from a licensed Professional Engineer stating all design drawings have been studied, and that shop drawings have been prepared under their direct guidance and supervision, including connections, as required by the contract documents.
6. Provide all structural metal steel framing, including but not limited to: structural steel, architecturally exposed structural steel, steel erection, shop painting, field touch-up painting, beams, girders, columns, metal fabrications, anchor bolts, anchor rods, rods, turnbuckles, fasteners, surface preparation, primer paint, embed plates, bearing plates, bent plates, angles, plates, galvanized materials as required, deck support angles, epoxy, epoxy anchors, etc.
7. Provide all steel joists, including but not limited to: steel joists, joist accessories, bridging, seats, anchors, extensions, headers, bolts, nuts, washers, etc.
8. Provide all steel deck, including but not limited to: roof deck, composite floor deck, corrugated steel form deck, acoustical decking complete with insulation, fasteners, pour stops, column closures, end closures, elongated joist seat angle embeds, z-closures, flexible closure strips, cover plates, recessed sump pans, weld washers, galvanized repair paint, ridge and valley plates, top of wall bracing, finish strips, etc.
9. This Subcontractor shall provide all metal fabrications as specified in specification section 05 12 00 Structural Metal Framing and indicated on the project drawings. This includes, but not limited to: miscellaneous angles, channels anchor bolts bent plates, sleeves, sag rods, leveling plates, bearing plates for structural steel and steel joists, and other incidental items of structural steel required to be built into concrete or masonry or specified to be furnished only to other respective trade Subcontractors for installation only. This Subcontractor shall coordinate with other trades for proper timing of furnishing and/or installing metal fabrications, including instructions and templates for their installation. This Subcontractor shall weld all anchors to structural steel required by others.
10. Anticipate the need for manpower, cranes, and equipment on both the masonry portion and steel portion to run concurrently. Full crews, equipment, cranes, etc. will be necessary to maintain the schedule.
11. Provide temporary supports, bracing, and shoring systems as required for their work.
12. Erect structural steel in compliance with AISC "Code of Standard Practice for Steel Buildings and Bridges" and "Specifications and Code of Standard Practice."
13. Provide all field verification of existing conditions prior to fabrication and installation. Immediately notify the Construction Manager of any discrepancies.
14. Provide all shop welded anchors for steel to masonry and steel to concrete connections.
15. Provide all pre-punched holes for attachment of wood blocking, metal framing, etc; coordinate size(s) and location(s) with the Construction Manager.
16. Provide all touch-up of damaged shop primer and galvanizing, and painting of welds.
17. Properly stage all materials off of the ground. On site stockpiling of materials is prohibited, unless authorized and coordinated with the Construction Manager. Promptly clean all mud, dirt, debris, etc. from steel prior to erection.

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18. Provide all required embed setting drawings, diagrams, templates, direction etc. for use by other Subcontractors to install this work. Drawings shall detail physical location from building lines or adjacent walls with the required elevation referenced. 3D BIM Models shall be required for coordination drawings, and project coordination.
19. Furnish only all embedded items in concrete and masonry for this Subcontractor's systems scope of work to be installed by others, including but not limited to: loose lintels, beam lintels, bearing plates, embed plates, anchor bolts, anchor rods, bent plates, angles, plates, sleeves, etc. Provide the required quantities of materials and unload, inventory, and protect from damage; immediately notify the Construction Manager of shortages and damages. Furnish loose, delivered to the jobsite in sufficient time for installation, all fasteners for the above items, including but not limited to: bolts, nuts, washers, screws, expansion bolts, epoxy/adhesive anchors, epoxy and epoxy gun for fasteners, etc. All materials shall be delivered bundled, tagged and clearly marked or identified with permanent markings where permissible. Detailed delivery tickets with an itemized listing of all materials must accompany each delivery.
20. The Subcontractor shall furnish the required quantities of materials; this Subcontractor shall unload, inventory, and protect all materials from damage; immediately notify the Subcontractor of shortages and damages.
21. The Surveying Subcontractor shall provide initial surveying benchmarks and controls; See BP 19 Surveying Scope of Work for reference.
22. This Subcontractor shall provide all surveying, staking, grades, benchmarks, control and perform subsequent layout from initial survey information provided by the Construction Manager for this Subcontractor's Work, including but not limited to: footings, foundations, walls, embeds, anchor bolts, bearing plates, embedded plates, embedded anchor bolts, sleeves, penetrations, and mechanical, plumbing, electrical, and fire protection openings, etc.
23. This Subcontractor shall provide as-built drawings of their Work.
24. Provide all required cribbing, pads, stone, etc. for their crane set-up locations.
25. This Subcontractor excludes all grout under structural steel column bases.
26. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, derricks, forktrucks, lifts, skid loaders, welders, temporary shoring towers, manlifts, etc.
27. Provide all temporary power required to complete the work of this subcontract.
28. Provide all Winter Weather Measures and Protection, as directed by the Construction Manager, to include, but not limited to: temporary hot box, heaters and consumed fuel, temporary enclosures, all tenting, equipment, roof cleaning, snow removal, etc.
29. Provide and maintain all leading edge and opening fall protection at all edges/leading edges, openings, etc. this protection shall remain in place until directed by the Construction Manager to remove the fall protection.

F. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

1. N/A

G. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

1. N/A

H. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #05 GENERAL TRADES

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)**Division 01 General Requirements (all Sections)****Division 03 Concrete**

03 30 00 Cast-in-Place Concrete (as it relates to coordination)

03 41 13 Precast Concrete Hollow Core Planks

Division 04 Masonry (as it relates to coordination)

04 20 00 Unit Masonry

Division 05 Metals

05 12 00 Structural Steel Framing (as it relates to coordination)

05 21 00 Steel Joist Framing (as it relates to coordination)

05 31 00 Steel Decking (as it relates to coordination)

05 50 00 Metal Fabrications

05 51 00 Metal Stairs

05 52 13 Pipe and Tube Railings

Division 06 Carpentry

06 10 00 Rough Carpentry

06 16 00 Sheathing

06 20 23 Interior Finish Carpentry

Division 07 Thermal and Moisture Protection

07 84 13 Penetration Firestopping

07 84 43 Joint Firestopping

07 91 00 Preformed Joint Seals

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07 92 00	Joint Sealants
07 95 13.13	Interior Expansion Joint Cover Assemblies
Division 08	Openings
08 11 13	Hollow Metal Doors and Frames
08 14 16	Flush Wood Doors
08 31 13	Access Doors and Frames
08 33 13	Coiling Counter Doors
08 36 13	Sectional Doors
08 71 00	Door Hardware
Division 09	Finishes (as it relates to coordination)
Division 10	Specialties
10 11 00	Visual Display Units
10 12 00.00	Display Cases
10 14 13.00	Exterior Directories
10 14 16	Plaques
10 14 19	Dimensional Letter Signage
10 14 23.13	Exterior Panel Signage
10 14 23.16	Interior Panel Signage
10 21 13.19	Solid Polymer Toilet Compartments
10 21 23	Cubicles
10 22 33	Accordion Folding Partitions
10 22 39	Operable (Folding Panel) Partitions
10 28 00	Toilet, Bath, and Laundry Accessories
10 41 16	Lock Box
10 43 13	Defibrillator Cabinets
10 44 13	Fire Extinguisher Cabinets
10 44 16	Fire Extinguishers
10 51 13	Metal Lockers
10 75 00	Flagpoles
Division 11	Equipment
11 05 13	Common Motor Requirements for Equipment
11 13 13	Loading Dock Equipment
11 31 00.00	Residential Appliances
11 61 43	Stage Curtains
11 66 00.00	Athletic Equipment
Division 12	Furnishings (as it relates to coordination)
Division 32	Exterior Improvements
32 13 73	Concrete Paving Joint Sealants
32 18 23	Athletic Surfacing
32 31 13	Chain Link Fences and Gates

E. Narrative Description of **Bid Package #05, General Trades**. The Work of this Bid Package includes, but shall not be limited to the following items:

1. Provide all Pre-Cast Hollow Core Planks, including but not limited to: hollow-core slab units; connection plates, brackets and hangers; grouting plank joint keys, specified products, etc.
2. Coordinate precast openings with all trades prior to the installation of precast. All openings regardless of size shall be provided by this Subcontractor. Structural topping to be by concrete Subcontractor.
3. Provide or install weep holes in the bottom of units immediately following placement to allow trapped water to escape.

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4. This Subcontractor excludes Specification Sections 05 12 00 Structural Metal Framing (BP #04 – Structural Steel). This Subcontractor shall closely coordinate all required information with the Subcontractor of this Section. Please reference BP#05 for delineation of their scope of work.
5. This Subcontractor excludes Specification Sections 05 21 00 Steel Joist Framing (BP #04 – Structural Steel). This Subcontractor shall closely coordinate all required information with the Subcontractor of this Section. Please reference BP#03 for delineation of their scope of work.
6. This Subcontractor excludes Specification Sections 05 31 00 Steel Decking (BP #04 – Structural Steel). This Subcontractor shall closely coordinate all required information with the Subcontractor of this Section. Please reference BP#03 for delineation of their scope of work.
7. This Subcontractor excludes Specification Sections 05 40 00 Cold Formed Metal Framing. This Subcontractor shall closely coordinate all required information with the Subcontractor of this Section.
8. Provide all Metal Fabrications as per the Contract Documents, including but not limited to: ladders, top of wall bracing , railing at loading dock, anchor bolts, fasteners, surface preparation, primer paint, embed plates, bent plates, angles, plates, galvanized materials, etc. as required.
9. Metal bollards embedded/set into concrete shall be provide by the BP 02 – Concrete Subcontractor. This Subcontractor excludes all bollards.
10. Provide all Steel Framed Stairs and Handrails, including but not limited to: steel risers, treads, landings, decking for concrete, handrails, guard rails, metal mesh infill panels, infill guards, anchors, bolts, nuts, washers, welding, etc.
11. Metal stairs are to be installed immediately after second floor precast is placed.
12. Provide all Pipe and Tube Railings as per the Contract Documents, including but not limited to: steel pipe railings, handrails, wall rails, ramp rails, bridge walkway rails and metal mesh, metal mesh infill panels, top rails and guards, infill guards, anchors, bolts, nuts, washers, welding, etc.
13. Provide all Metal Bar Grating as per the Contract Documents, including but not limited to: gratings, grating frames, bars, clips, supports, etc.
14. Provide temporary supports, bracing, and shoring systems as required for their work.
15. Provide all field verification of existing conditions prior to fabrication and installation. Immediately notify the Construction Manager of any discrepancies.
16. Provide all shop welded anchors for steel to masonry and steel to concrete connections.
17. Provide all pre-punched holes for attachment of wood blocking, metal framing, etc; coordinate size(s) and location(s) with the Construction Manager.
18. Provide all touch-up of damaged shop primer paint and galvanizing, and painting of welds.
19. Properly stage all materials off of the ground. On site stockpiling of materials is prohibited, unless authorized and coordinated with the Construction Manager. Promptly clean all mud, dirt, debris, etc. from steel prior to erection.
20. Provide all required embed setting drawings, diagrams, templates, direction etc. for use by other Subcontractors to install this work. Drawings shall detail physical location from building lines or adjacent walls with the required elevation referenced. 3D BIM Models shall be required for coordination drawings, and project coordination at the Construction Manager's discretion.
21. Furnish only all embedded items in concrete and masonry to be installed by others for this Subcontractor's systems scope of work. Including but not limited to: loose lintels, bearing plates, embed plates, anchor bolts, anchor rods, bent plates, angles, plates, sleeves, etc. Provide the required quantities of materials and unload, inventory, and

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protect from damage; immediately notify the Construction Manager of shortages and damages. Furnish loose, delivered to the jobsite in sufficient time for installation, all fasteners for the above items, including but not limited to: bolts, nuts, washers, screws, expansion bolts, epoxy/adhesive anchors, epoxy and epoxy gun for fasteners, etc. All materials shall be delivered bundled, tagged and clearly marked or identified with permanent markings where permissible. Detailed delivery tickets with an itemized listing of all materials must accompany each delivery.

22. The Subcontractor shall furnish the required quantities of materials; this Subcontractor shall unload, inventory, and protect all materials from damage; immediately notify the Subcontractor of shortages and damages.
23. Provide all rough carpentry and wood blocking concealed by this Subcontractor's work and/or the work of other trades. This includes but is not limited to: wall blocking, roof blocking, roof hatch blocking, parapet blocking, nailers, casework blocking, TV blocking, cants, equipment, trim, grab bars, toilet accessories, furnishings, door stops, handrails, plywood, anchors, fasteners, etc.
24. Provide and maintain temporary guard/handrail around kitchen freezer/cooler pit, elevator pit, openings, etc. in its entirety as directed by the Construction Manager. Remove when directed by the Construction Manager.
25. Provide all interior and exterior caulking and joint sealants required to complete this scope of work, and sealants permanently concealed by this work, for a watertight installation. Provide all caulking and joint sealants between materials installed, including but not limited to: expansion joints, control joints, dissimilar materials, etc.
26. Provide all joint sealants complete (vertical and horizontal surfaces), including but not limited to:
 - Interior and exterior – control joint, rake joints, abutting walls, and expansion joints in unit masonry (CMU, brick, clay tile, etc.).
 - Interior and exterior - perimeter joints of pressed steel/hollow metal frames.
 - Interior - perimeter joints of aluminum windows, aluminum curtainwalls, aluminum storefronts, and aluminum door frames. Exterior joints are by others.
 - Interior and exterior - louvers and overhead doors.
 - Exterior – plumbing and fire protection appurtenances attached to building (hose bibs, Siamese connections, storm sewer outlets, overflow nozzles, etc.).
 - Interior joints on exposed surfaces of interior unit masonry and drywall wall and partitions.
 - Interior - Glass display cases, ticket windows, fire hose cabinets, decorative and ornamental grilles, countertops, fire extinguisher cabinets, and toilet accessories.
 - Interior – joints in quarry tile as required.
 - Exterior – all control joints and expansion joints in cast-in-place exterior concrete sidewalks, concrete paving, concrete curbs, slabs on grade, and joints against the building.
 - Interior - all control, isolation, and expansion joints in exposed interior concrete slabs.
 - Excludes all joints at the following: plumbing fixtures, kitchen equipment, casework, roofing
27. Provide all joint sealants between dissimilar materials, not identified above, where the two joining surfaces leaves a gap between the meeting materials or components such as fire extinguisher cabinets, lockers, etc to adjacent walls.
28. Provide all product testing reports and field-adhesion testing in strict accordance with the Specifications.

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29. Provide all joint preparation including removing all foreign material from substrates that could interfere with adhesion including: brushing, grinding, cleaning, blowing, and vacuuming of joints, etc.
30. Provide all joint priming as required, sealant backing, bond-breaker tapes, backer rod, etc.
31. All sealants should be applied both below and above ceiling unless specified otherwise.
32. Provide all Access Panels that are required for their Work.
33. Provide all overhead coiling doors complete, including but not limited to: overhead coiling doors, motorized doors, manual doors, hoods, guide tracks, weather stripping, counterbalance, hardware, bottom bar, brackets, locks, finishes, prime painting, motors, controls, internal power wiring and low voltage wiring, etc.
34. Provide all door cylinders compatible with the Owner's existing system and also provide construction keying of the cylinders. Coordinate with the Owner for all keying and cylinder requirements.
35. This Subcontractor includes all work associated with the procurement, furnish, supply, and delivery of the Doors, Frames, and Hardware as shown on the Contract Documents and as indicated within the project specifications, including but not limited to: all Doors, Frames, and Hardware details, materials, shapes, and colors, etc.
36. Furnish all metal doors and frames complete, factory prime painted and prepared for hardware.
37. Furnish all door hardware complete, as required. All doors to arrive at the site pre-dressed with the hardware already installed.
38. Furnish an additional 10% of all required door anchors and door silencers.
39. Furnish all required templates, wiring diagrams, schedules, etc.
40. All permanent keys and cores shall be delivered directly to the Owner in the key control system. This Subcontractor shall compile the key control system prior to delivery to the Owner. This Subcontractor shall provide the Subcontractor an itemized list of the materials delivered. This Subcontractor shall coordinate with the Owner as required. Furnish all permanent keys and cores for hardware furnished to the Aluminum and Glazing Subcontractor.
41. Furnish all fire-rated, sound-rated, and labeled doors and frames as required.
42. Furnish plaster guards, plastic plugs or protection for all attached hardware, hardware mortises, stops, molding, screws, door stops, etc.
43. Furnish construction cores for all interior and exterior doors. Provide two (2) construction keys for each door and two (2) core keys. Construction cores shall be returned to the Supplier upon completion of Project.
44. Furnish only all hardware to the Aluminum and Glazing Subcontractor. Coordinate hardware and deliveries with the Aluminum and Glazing Subcontractor. Provide the Construction Manager a complete inventory of all hardware delivered to the Aluminum and Glazing Subcontractor.
45. This Subcontractor includes all applicable taxes; including state sales tax.
46. This Subcontractor shall ensure all materials are delivered bundled, tagged and clearly marked or identified with permanent markings where permissible. Detailed delivery tickets with an itemized listing of all materials must accompany each delivery.
47. Provide all technical assistance required by the Construction Manager for this project.
48. Provide in-house inspection and testing to verify quality of fabrication.
49. Fabricate and deliver material in accordance with the project schedule. Multiple deliveries of materials are included.
50. Provide all Visual Display Board products and accessories per the Contract Documents. The Visual Display Board products and accessories shall include but are not limited to the following: Markerboards, Support Systems, etc.
51. Provide all Signage products, characters, accessories and documentation per the Contract Documents. The Signage products, characters, accessories and documentation shall include but are not limited to the following: Cast Plaques, Plaque Schedule, Cast Characters, Interior Panel Signs, Changeable Message Inserts, Anchors and Inserts, dedication plaques, directories, post and panel signage, etc.

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52. Provide all toilet compartments complete, including but not limited to: toilet partitions, urinal screens, hardware, all colors and finishes, fasteners, doors, hinges, latches, coat hooks, pulls, etc.
53. Provide all toilet accessories complete, including but not limited to: anchors, fasteners, framed mirrors, toilet paper dispensers, paper towel dispensers, hand dryers, coat hooks, waste receptacles, sanitary napkin disposals, soap dispensers, grab bars, mop and broom holders, diaper changing stations, etc.
54. Installation of all items furnished by the Owner is to be by this Subcontractor. This includes, tv monitor brackets, paper towel dispensers, and soap dispensers in classrooms, kitchen, workrooms, etc.
55. Provide all cubicle curtains and tracks.
56. Provide all accordion folding partitions complete.
57. Provide and install operable partition complete, including but not limited to integral markerboards, recessed eraser pockets, guide tracks, seals, hardware, brackets, finishes, etc. Overhead structural steel and pre-punched holes to be provided per others. Provide punched mounting hole pattern requirements for coordination.
58. Provide all lock boxes required. Coordinate installation with appropriate Subcontractor.
59. Provide all fire protection specialties, including but not limited to: fire extinguishers, fire extinguisher cabinets, hardware, accessories, lettering, etc.
60. Provide all metal lockers.
61. Provide new flagpole and base.
62. Provide all Loading Dock Equipment as shown on the Contract Documents. Coordinate Installation with appropriate Subcontractor.
63. Provide all residential grade appliances identified on the documents.
64. Provide all stage equipment including but not limited to lighting, hoists, curtains, etc.
65. Provide all athletic equipment as detailed in the Drawings and Specifications.
66. Provide all site furnishings.
67. Provide the scoreboard in the gymnasium.
68. Provide all chain link fences and gates.
69. The Surveying Subcontractor shall provide all initial surveying, staking, and grades. This Subcontractor shall perform subsequent layout from the initial survey information required for this Subcontractor's work. This Subcontractor shall coordinate surveying requirements with the Construction Manager. Provide as-built drawings of their Work.
70. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, forklifts, lifts, skid loaders, light plants, excavators, dozers, graders, compactors, trucking, etc.
71. Temporary enclosure of windows, doors, louver openings, etc. is to be provided and maintained by this Subcontractor. Temporary enclosure will be defined as 2 x 4 framing with plywood or oriented strand board secured to the exterior. Reinforced plastic will only be allowed on interior areas to better define zones and control heating and will not be allowed for exterior openings outlined above. Rigid insulation to be installed on the exterior side of the framing and sealed with spray foam.
72. This Subcontractor shall provide all dehumidification/humidification required to meet the specifications for each trade once temporary enclosure has been established. Also include delivery and installation of fans installed to facilitate air movement. Remove at the direction of the CM.
73. General cleanup is the responsibility of this Subcontractor. This includes but is not limited to: coordinating the efforts between trades for building sweeping and dust control, roadway sweeping with equipment, and trash removal from building to dumpsters for all trades.
74. This Subcontractor shall provide and maintain floor protection for 100% coverage of the building following the installation of the flooring material by Bid Package #09 – Flooring

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Subcontractor. Promptly remove prior to final cleaning or as directed by the Construction Manager.

75. Three (3) Access paths into the building are to be placed by this Subcontractor. These paths shall be 12'-0" wide and shall consist of 6" of #2 stone, with 6" of compacted ODOT #304 above. The intent is for lift traffic to be able to service the slab area to place materials via off-road forklifts. Paths shall be from the temporary construction access road around the building to the building entry point and will be located at the discretion of the Construction Manager. The paths shall be installed at the start of foundation work and will be maintained through the end of the project or until site concrete is installed which shall be at the discretion of the Construction Manager. Paths shall be fully removed and disposed of, off site by the General Trades Subcontractor.
76. This Subcontractor shall provide as-built drawings of their Work.
77. The Surveying Subcontractor shall provide initial surveying benchmarks and controls; See BP 23 Surveying Scope of Work for reference.
78. Provide all required cribbing, pads, stone, etc. for their crane set-up locations.
79. This Subcontractor excludes all concrete or masonry grout under base plates, etc.
80. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, forktrucks, lifts, skid loaders, welders, temporary shoring towers, manlifts, etc.
81. Provide all temporary power required to complete the work of this Subcontractor.
82. Provide and maintain all leading edge and opening fall protection at all edges/leading edges, openings, etc.; this protection shall remain in place until directed by the Construction Manager to remove the fall protection.
83. Provide all winter protection as required for their Work, including but not limited to: temporary heaters and consumed fuel, temporary enclosures, additional bracing, blankets, light plants, etc.
84. During the winter months, all snow removal is to be performed by this Subcontractor on all temporary roadways, laydown areas, staging areas, Subcontractor parking, etc. Additionally, the General Trades Subcontractor shall be responsible to make conditions safe for work inside the building following **every** winter precipitation events. Drives and staging areas will be directed by the Construction Manager as needed.

F. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

1. N/A

G. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

1. N/A

H. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #06: ROOFING AND METAL WALL PANELS

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor's execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)**Division 01 General Requirements (all Sections)****Division 05 Metals**

05 40 00 Cold Formed Metal Framing (as it relates to this scope of work)

05 50 00 Metal Fabrications (as it relates to this scope of work)

Division 06 Wood, Plastics, and Composites

06 10 00 Rough Carpentry (as it relates to this scope of work)

06 16 00 Sheathing (as it relates to this scope of work)

Division 07 Thermal and Moisture Protection

07 41 13.16 Standing Seam Metal Roof Panels

07 42 13.23 Metal Composite Material Wall Panels

07 54 00 Thermoplastic Membrane Roofing (PVC and KEE)

07 71 00 Roof Specialties

07 72 00 Roof Accessories

Division 11 Equipment

11 68 33.35 Dugout Structures

- E. Narrative Description of **Bid Package #06, Roofing**. The Work of this Bid Package includes, but shall not be limited to the following items:

1. This Subcontractor shall provide all TPO membrane roofing systems for a complete and water tight system, including but not limited to: TPO roofing membrane, all auxiliary

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- materials, sheet flashing, flashing materials, adhesives, roof insulation, tapered insulation, saddles, crickets, tapers, cants, termination bars, fasteners, sealants, etc.
4. This Subcontractor shall install acoustical roof deck rib insulation strips, provided by others, as per the Contract Documents.
 5. This Subcontractor shall provide delegated design as required per the contract documents.
 6. Provide all roof blocking concealed by this Subcontractors work including, perimeter, coping, under and supporting composite wall panels, etc.
 7. This Subcontractor shall provide all interior and exterior metal roof panel roofing systems for complete and water tight systems scope of work per the Contract Documents. This includes but not limited to: standing-seam metal roof panels, metal soffit panels, thermal roof snow guards, insulation, attachment system components, misc. metal framing, thermal insulation and accessories, valley flashing, gutters and downspouts, roof curbs, panel clips, fasteners, ridge cap, closures, underlayment felts, waterproof membranes, self-adhering sheets, backing plates, closure strips, flashing, trim, colors and finish as specified, cleaning and touch-up of panels, sealants, ice/snow guards, etc.
 8. Provide all sheet metal flashing and trim systems for a complete and water tight system scope of work as per the Contract Documents. This includes but not limited to: metal counter flashing, base flashing (if any), metal wall flashing, exposed metal trim/fascia/gravel stop, metal cap flashing and coping, miscellaneous sheet metal accessories, roof edges, roof expansion joint systems, exposed trim, scuppers, fascia, through-wall flashing, reglets, equipment support flashing, underlayment materials (polyethylene sheets, felts, slip sheets, etc.), miscellaneous materials (fasteners, solders, elastomeric sealants, butyl sealants, bituminous coatings, roofing cement, etc.), expansion joints, cleaning and touch-up, colors and finish as specified, etc. All sheet metal flashings and trim shall be fabricated and installed in accordance with SMACNA.
 9. Provide all composite panels and accessories for a complete system. Include all wood blocking necessary and shown for attachment.
 10. Provide all roof specialties and accessories systems for a complete and water tight system scope of work as per the Contract Documents. This includes but not limited to: roof hatches, safety post, and associated curbs, rail system, fasteners, gaskets, curbs, bituminous coatings, sealants, roofing cement, flashings, blocking, etc. and other items as may be indicated on the project drawings.
 11. This Subcontractor to provide all specified thermal insulations systems as required for their systems scope of work as per the Contract Documents.
 12. Provide all low rise urethane foam required.
 13. Coordinate all flashings and trims with the Aluminum and Glazing Subcontractor.
 14. Provide metal compressor piping chase on exterior of the building.
 15. Furnish only all embedded metal flashing (part of roofing two-part counterflashing, etc.) for masonry and concrete work. These materials are installed by others.
 16. Provide all insulation and tapered insulation concealed by this Subcontractor's Work.
 17. Provide all metal soffit panels, metal wall panels, and metal fascia panels.
 18. Provide all custom metal copings, gutters, downspouts, and connections to the storm system.
 19. Provide flashing/sealing/caulking and firestopping of all penetrations through the roof for all of the Subcontractors, and all pipe boots required for conduit and piping penetrations. This also includes drains, scuppers, vents, conduits, gravity roof ventilators, boiler flue, etc.
 20. Store all materials on site in an area designated by the Construction Manager. The area is to be kept clean and organized. All materials, equipment, and accessories,

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shall be stored in strict accordance with the manufacturer's instructions, and on elevated platforms in a dry location.

21. Hold all material prices for the duration of the Project – no escalation charges shall be allowed or considered.
22. Immediately clean-up roof leaks including dewatering, replacement of damaged finish materials (acoustic ceiling tile, paint, carpet, flooring, drywall board, etc.). All testing and remediation of mold resulting from roof leaks shall be by this Subcontractor.
23. Provide all protection of adjacent work, door jambs, sills and surfaces, etc. from roofing work, etc. that may stain or otherwise damage the work.
24. Completely remove all roofing debris continuously on a daily basis to dumpsters provided by the Construction Manager.
25. Provide all layout from control points and benchmarks furnished by others and related to the existing building.
26. Provide all caulking, backer rod, and joint sealants permanently concealed by this Subcontractor's Work.
27. Provide all inspection costs associated with their work by all authorities having jurisdiction. Include all inspections required by Metal Roof Panel, PVC, and Metal Veneer Panel manufacturers necessary to establish product warranty.
28. Provide all Winter Weather Measures and Protection, as directed by the Construction Manager, to include, but not limited to: temporary hot box, heaters and consumed fuel, temporary enclosures, all tenting, equipment, roof cleaning, snow removal, etc.
29. Provide and maintain all leading edge and opening fall protection at all roofs and roof openings; this protection shall remain in place until directed by the Construction Manager to remove the fall protection.
30. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, forktrucks, lifts, skid loaders, pumps, mixers, etc.

A. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

1. N/A

B. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

1. N/A

C. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #07: ALUMINUM, GLASS AND GLAZING

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)

Division 01 General Requirements (all Sections)

Division 03 Concrete (as it relates to coordination)

03 30 00 Cast-In-Place Concrete (as it relates to this scope)

Division 04 Masonry (as it relates to coordination)

04 20 00 Unit Masonry (as it relates to this scope)

Division 07 Thermal and Moisture Protection

07 92 00 Joint Sealants (as it relates to this scope)

Division 08 Openings

08 11 13 Hollow Metal Doors and Frames (as it relates to this scope)

08 13 16 Aluminum Doors

08 14 16 Flush Wood Doors (as it relates to this scope)

08 41 13 Aluminum-Framed Entrances & Storefronts

08 51 13 Aluminum Windows

08 71 00 Door Hardware

08 80 00 Glazing

Division 10 Specialties

10 12 00.00 Display Cases

Division 12 Furnishings

12 21 13 Horizontal Louver Blinds

Division 26 Electrical (as it relates to this scope)

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E. Narrative Description of **Bid Package #07, Aluminum, Glass and Glazing**. The Work of this Bid Package includes, but shall not be limited to the following items:

1. Coordinate with Bid Package #05 for Hardware already purchased for this scope. Installation only shall be by this contract.
2. Provide all aluminum framed entrances and storefronts systems scope of work for a complete and watertight system as per the Contract Documents. This includes but is not limited to: curtainwall systems, aluminum entrances and storefront types, framing systems, exterior storefront framing with and without blinds between glass, reinforcing of the systems, fasteners, break metal, metal panels integral with this system, closer panels, gaskets, trim pieces, thermal breaks, all colors and finishes, engineering of the storefront system complete with calculations performed by a structural engineer licensed to practice all structural connections and anchorage of the system to the building structure, all performance requirements identified in the Specifications, trim and closures, concealed flashings, fasteners and accessories, structural sealants, sealants, hardware, anchors, thresholds, weatherstripping, field tests, inspections, reports, etc.
3. Install all aluminum framed entrances door hardware systems scope of work for a complete and watertight system as per the Contract Documents. This includes, but not limited to: door hardware, manual doors, ADA operated doors, gaskets, glazing stops, all colors and finishes, sealants, bituminous paint, reinforcing, anchors, fasteners, glazing, hinges, offset pivots, closers, door stops, mortise cylinders, thumb turns, cylinder guards, deadlock, faceplates, strikes, flush bolts, handles, pulls, exit devices, panic guard device, thresholds, weatherstripping, sweeps, wood blocking, etc. Provide all raceways/paths for electric and low voltage controls with in door and store front framing as required.
4. Final keying of door hardware shall be provided by the Owner. Coordinate with the Owner for all keying and cylinder requirements.
5. Provide all glazing (exterior and interior glass and glazing) systems scope of work for a complete and watertight system as per the Contract Documents. This includes but is not limited to: aluminum framed entrances and storefronts, curtainwalls, aluminum windows, hollow metal frames, hollow metal doors, interior borrowed lights, wood doors, glass for fire rated doors and windows, primary float glass, heat-traced float glass, laminated glass, insulating glass, fire-rated glass, spandrel glass, tempered glass, etc. All glazing sealants, tapes, gaskets, butt glazed systems, for glazing work as specified.
6. Provide all ADA power-assist door operators complete as per the Contract Documents. This includes, but not limited to: power-assist door operators, finished operator housing, swing power operator, electrical control, connecting hardware, operator controls, wall push-plate and switch assemblies, all colors and finishes, accessories, etc. Provide all electrical wiring, control wiring, connections, and terminations, for a complete operating system; provide raceways within the aluminum entrance door, door storefront framing, and storefront framing as required. The final electrical power, security, and fire alarm connection outside the aluminum door entrance and storefront framing systems is by others. Include any startup/programming required by the manufacturer's technician and per the specifications.
7. The credential reader is furnished by others. This Subcontractor shall pull wires or pull strings at minimum through frame raceway.
8. Provide all painted aluminum plates, including but not limited to: aluminum, painting, all colors and finishes, sealants, fasteners and accessories, anchors, etc.
9. Provide all sheet metal flashing and trim for a complete and water tight system, including but not limited to: metal flashings and trim, counterflashing assemblies,

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exposed trim, fascia, through-wall flashing, reglets, underlayment materials (polyethylene sheets, felts, slip sheets, etc.), miscellaneous materials (fasteners, solders, elastomeric sealants, butyl sealants, bituminous coatings, etc.), expansion joints, cleaning and touch-up, colors and finish as specified, etc. All sheet metal flashings and trim shall be fabricated and installed in accordance with SMACNA.

10. Provide all interior and exterior caulking and joint sealants required to complete this scope of work, and sealants permanently concealed by this work, for a watertight installation. Provide all caulking and joint sealants between materials installed under this scope of work and materials of other Subcontractors previously installed, including but not limited to: expansion joints, control joints, dissimilar materials, etc. Provide all joint preparation including removing all foreign material from substrates that could interfere with adhesion including: brushing, grinding, cleaning, blowing, and vacuuming of joints, etc. Provide all joint priming as required, sealant backing, bond-breaker tapes, backer rod, etc.
11. This Subcontractor shall coordinate with the Electrical and Fire Alarm Subcontractors as required for a completed system and as per the Contract Documents.
12. Provide temporary supports, bracing, and shoring systems as required for their work.
13. Properly stage all materials off the ground. On site stockpiling of materials is prohibited, unless authorized and coordinated with the Construction Manager.
14. Provide all field verification of existing conditions prior to fabrication and installation. Immediately notify the Construction Manager of any discrepancies.
15. Provide all aluminum sills, sill flashing, sheet metal trim, aluminum angles, aluminum bent plates, aluminum drips, drip caps, reinforced mullions, additional steel reinforcement, expansion mullions, etc. as required.
16. Provide all display cases complete including shelving as shown.
17. Provide all insulation concealed by this Subcontractor's Work.
18. The Subcontractor shall furnish the required quantities of materials; this Subcontractor shall unload, inventory, and protect all materials from damage; immediately notify the Subcontractor of shortages and damages.
19. Provide all temporary power required to complete the work of this Subcontractor.
20. Provide all construction cleaning of installed materials including removal of stickers, markings, excess sealants, excess tapes, etc.
21. Provide all access, labor, equipment, and materials in support of all field testing of installed work under the scope; coordinate with the Construction Manager.
22. This Subcontractor shall provide all surveying, staking, grades, benchmarks, control and perform subsequent layout from initial survey information provided by the BP #19 – Surveying Subcontractor for this Subcontractor's Work as required.
23. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, forktrucks, lifts, skid loaders, manlifts, etc.
24. Provide and maintain all leading edge and opening fall protection at all edges/leading edges, openings, etc.; this protection shall remain in place until directed by the Construction Manager to remove the fall protection.
25. Provide all winter protection as required for their Work, including but not limited to: temporary heaters and consumed fuel, temporary enclosures, additional bracing, blankets, light plants, etc.

F. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

1. None

G. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

1. None

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H. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. None

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #08: METAL FRAMING, DRYWALL AND ACOUSTICAL CEILINGS

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Contractor and any special provisions related to the Contractor execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Contractor in defining this Bid Package's scope of work. Each Contractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)

Division 01 General Requirements (all Sections)

Division 05 Metals

05 40 00 Cold Formed Metal Framing

Division 06 Carpentry

06 10 00 Rough Carpentry (as it relates to this scope of work)

06 16 00 Sheathing (as it relates to this scope of work)

06 83 16 Glass Fiber Reinforced Plastic

Division 07 Thermal and Moisture Protection

07 21 53 Miscellaneous Thermal Insulation (as it to this scope of work)

07 25 00 Weather Barriers

07 27 23 Boardstock Air Barrier

07 81 00 Applied Fireproofing

07 81 23 Intumescent Fireproofing

07 84 13 Penetration Firestopping (as it relates to this scope of work)

07 92 00 Joint Sealants (as it relates to this scope of work)

07 92 19 Acoustical Joint Sealants

07 95 00 Expansion Control Joints (as it relates to this scope of work)

Division 08 Openings (as it relates to this scope)

08 11 13 Hollow Metal Doors and Frames

Division 09 Finishes

09 21 16.00 Gypsum Board Assemblies

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09 51 13	Acoustical Panel Ceilings
09 84 00	Acoustical Wall Treatment
09 84 05	Abuse-Resistant Acoustical Panels
09 84 53	Sound Barrier Mullion Trim Cap
09 91 23.00	Interior Painting (as it relates to this scope)

E. Narrative Description of **Bid Package #08, Light Gauge Metal Framing, Drywall and Acoustical Ceilings**. The Work of this Bid Package includes, but shall not be limited to the following items:

1. Provide all cold-formed metal steel framing systems complete as per the Contract Documents. This includes, but not limited to: exterior non-load bearing framing, ceiling framing, boxed headers, clips, slip clips, drift clips, steel studs, steel tracks, deflection tracks, flat strapping, angles, plates, slide clips, web stiffeners, bridging, custom brake-formed shapes, firestop track, grouting, anchors, fasteners, welding, all framing accessories, galvanizing repair paint, etc.
2. Provide all vertical metal hat channel and/or flat strapping framing at 16" on-center and/or horizontal metal z-furring framing support as required at the exterior envelope for the metal wall panels and soffits as per the Contract Documents.
3. Provide all rough carpentry systems scope of work for this Contractor's scopes of work and as per the Contract Documents (as required for cold form metal framing, light gauge metal framing, gypsum board systems and assemblies, acoustical ceiling panels systems and assemblies, etc.). This includes but is not limited to: wall sheathing, metal blocking and bracing concealed in gypsum board wall and ceiling assemblies to support system, building paper & wrap as required, sheathing joint & penetration treatment, flashings, fasteners, anchors, etc.
4. All in-wall wood blocking and/or metal strap blocking for mounting wall hung items shall be provided by the BP-05.0 – General Trades Contractor or trade Contractor requiring the in-wall wood blocking or metal strap blocking. This includes, but is not limited to items such as: toilet partitions and accessories, finish carpentry trim, cabinets, countertops, etc.
5. Provide all sheathing systems scope of work as per the Contract Documents (as required for cold form metal framing, light gauge metal framing, gypsum board systems and assemblies, acoustical ceiling panels systems and assemblies, etc.). This includes but is not limited to: plywood exterior or interior wall sheathing, glass-mat gypsum wall sheathing, parapet wall sheathing, weather-resistant building paper & wrap, flashing, fasteners, anchors, sheathing joint-and-penetration treatment, flexible flashings at openings in sheathings, etc.
6. Provide all thermal insulation systems scope of work as per the Contract Documents (as required for cold form metal framing, light gauge metal framing, gypsum board systems and assemblies, acoustical ceiling panels systems and assemblies, etc.). This includes, but not limited to: exterior and interior insulations, cavity wall insulation, concealed building insulation, rigid insulation, thermal batt insulation (faced and unfaced), safig, insulation, sound-attenuation insulation/blankets, acoustical insulation in metal framed assemblies and above ceilings, vapor retarders, building felts, etc.
7. Provide medium density closed cell spray polyurethane foam insulation air barrier scope of work at all areas required (masonry, roof, framing, roof drain pans, etc). NOTE: Insulation cannot be exposed. It must be protected by a plenum or other means.
8. Provide all penetration firestopping and/or fire caulking systems scope of work as per the Contract Documents (as required for cold form metal framing, rough carpentry, plywood sheathing, light gauge metal framing, gypsum board systems and assemblies,

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acoustical ceiling panels systems and assemblies, etc.). Provide all penetration firestopping and/or fire caulking between materials installed under this scope of work and materials of other contractors previously installed. Provide all associated joint preparation including removing all foreign material from substrates that could interfere with adhesion including: brushing, grinding, cleaning, blowing, and vacuuming of joints, etc. Provide all joint priming as required, sealant backing, bond-breaker tapes, backer rod, etc. Provide all firestopping and/or caulking at top of wall to underside of floor or roof deck, etc. as required.

9. Provide all caulking and joint sealants systems scope of work as per the Contract Documents (as required for cold form metal framing, rough carpentry, plywood sheathing, light gauge metal framing, gypsum board systems and assemblies, acoustical ceiling panels systems and assemblies, etc.). Provide all caulking and joint sealants required to complete this scope of work, and sealants permanently concealed by this work, for a watertight installation. Provide all caulking and joint sealants between materials installed under this scope of work and materials of other contractors previously installed, including but not limited to: expansion joints, control joints, dissimilar materials, etc. Provide all joint preparation including removing all foreign material from substrates that could interfere with adhesion including: brushing, grinding, cleaning, blowing, and vacuuming of joints, etc. Provide all joint priming as required, sealant backing, bond-breaker tapes, backer rod, etc. Provide all sound caulking at bottom of wall to floor and top of wall to underside of floor and/or roof, etc. as required.
10. This Contractor shall provide all expansion control systems scope of work as per the Contract Documents (as required for cold form metal framing, light gauge metal framing, gypsum board systems and assemblies, acoustical ceiling panels systems and assemblies, etc.).
11. Provide all gypsum board systems scope of work as per the Contract Documents. This includes the following type of gypsum board construction, but is not limited to: steel framing members to receive gypsum board; fiber reinforced gypsum board, screw-attached to steel framing; gypsum board screw-attached to steel framing and ceiling suspension systems; cementitious backing board, screw-attached to steel framing, etc.
12. Provide all fire rated / UL rated walls and ceilings assemblies as per the Contract Documents.
13. Provide all spray applied fireproofing. This includes placing plastic on the concrete to protect it from overspray. Protection of all trades work is mandatory. Excess material must be removed entirely from piping, hangers, walls, floors, conduits, etc. At the direction of the CM provide all means necessary to remove any compounds remaining on the concrete prior to the installation of flooring. Provide touch up as needed for final approval of inspection service.
14. Provide all exterior gypsum sheathing complete, including but not limited to: glass-mat gypsum sheathing, parapet gypsum sheathing, fasteners, anchors, sheathing tape, joint tape, joint compound, sealants, etc.
15. Provide all interior non-load-bearing steel framing complete, including but not limited to: interior framing systems, bracing for partition walls, framed soffits, furring, gypsum board ceilings, tile backing panels, hard ceilings, shaft-walls, etc.
16. Provide all supplementary framing and bracing in gypsum board assemblies as required.
17. Provide all: galvanized studs, studs, structural studs, tracks, bridging, vertical slide clips, welding, bracing, touch-up paint, expansion/control joints, deflection tracks, firestop tracks, furring, corner beads, aluminum trim, edge trims, joint tapes, joint compounds, acoustical sealants, wire hangers as required, splaying of hangers, metal

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suspension systems, hanger rods, flat hangers, angle hangers, sheet-metal edge molding and trim, trapeze hangers, isolation strip, etc.

18. Coordinate and install all framed opening through walls and ceilings for all FP & MEPT Contractor trades including all supplementary framing. Fit gypsum panels tight around ducts, pipes, and conduits, etc.
19. Provide all interior and exterior gypsum board, including but not limited to: gypsum board, fire-rated gypsum board, abuse-resistant, high-impact, moisture and mold resistant, sag-resistant, tile-backing panels, cementitious backer board, shaftwalls, exterior gypsum board, trim accessories, corner beads, joint tapes, joint compounds, adhesives, fasteners, all reveals, etc. as required. Provide all joint sealants at terminations to concrete and masonry.
20. Provide all finishes on interior and exterior gypsum board to the levels indicated per the Contract Documents. Provide all touch-up of drywall partitions and ceilings prior to final painting.
21. Provide complete top of wall conditions at fire-rated walls in strict accordance with the Specifications.
22. Provide the Sound Barrier Mullion Trim Cap.
23. Provide all acoustical panel wall systems scope of work as per the Contract Documents. This includes, but not limited to: acoustical panel wall and exposed metal direct-hung suspension systems, suspension systems, wire hangers, splaying of hangers, edge moldings and trim, impact clips, hold-down clips, supplemental suspension members, trapeze hangers, extra materials, acoustical sealants, etc.
24. Provide all acoustical panel ceilings systems scope of work as per the Contract Documents. This includes, but not limited to: acoustical panel ceiling and exposed metal direct-hung suspension systems, suspension systems, wire hangers, splaying of hangers, edge moldings and trim, impact clips, hold-down clips, supplemental suspension members, trapeze hangers, extra materials, acoustical sealants, etc.
25. Provide additional wire for electrical lighting to satisfy code requirements.
26. All hangers and wire shall be installed prior to fireproofing installation, and will require a separate mobilization to install per the construction schedule. This must be coordinated with hangers from other trades.
27. Provide detailed electronic coordination drawings in conjunction with the other Contractors to coordinate all of the systems in the Project. Conflicts shall be identified for immediate attention and resolution. Any resulting adjustments from the resolved conflicts shall be approved by all involved Contractors. If this Contractor fails to coordinate their Work and install their Work per the approved coordination drawings, this Contractor shall assume full responsibility to resolve the conflict. Provide drawings, templates, schematics, diagrams, etc. for all required Work. Final FP & MEPT coordination drawings shall be required as per the current project schedule. Additional coordination responsibilities are included in the Scope of Work for all Contractors, specifications section 01 12 00 – All Contractors.
28. Provide all field verification of existing conditions prior to fabrication and installation. Immediately notify the Construction Manager of any discrepancies.
29. BP#05 – General Trades Contractor shall install true and plumb all hollow metal frames in Drywall Work. This Contractor shall provide additional framing at hollow metal frames as indicated in the Specifications and the space between the hollow metal frames and metal framing shall be filled solidly with insulation. It is the responsibility of this Contractor to verify plumb, level, and squareness of frames before and after installation of drywall. Final clips to framing are to be installed by this subcontractor. Note any discrepancies to the Construction Manager.

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30. Properly stage all materials to protect from staining and physical damage. On site stockpiling of materials is prohibited, unless authorized and coordinated with the Contractor. Promptly clean all mud, dirt, debris, etc. prior to installation.
31. Provide temporary supports, bracing, and shoring systems as required for their work.
32. The Contractor shall furnish the required quantities of materials; this Contractor shall unload, inventory, and protect all materials from damage; immediately notify the Construction Manager of shortages and damages.
33. Provide access doors and frames complete where indicated/shown in the Contract Documents. This Contractor shall install only access doors and frames required by and furnished by other trade contractors, (i.e. by the fire protection, plumbing, HVAC/mechanical, electrical Contractors, etc.). This Contractor shall provide all metal sub-framing framing required for access doors and frames.
34. Provide all inspection costs associated with their work by all authorities having jurisdiction. Include a sufficient number of inspections for a project of this size and complexity. Scheduling of the building authority to inspect work to keep the pace of the schedule shall be by this Contractor.
35. Provide all construction cleaning of installed materials including removal of stickers, markings, excess sealants, excess tapes, etc.
36. Provide all access, labor, equipment, and materials in support of all field testing of installed work under the scope; coordinate with the Construction Manager.
37. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, forktrucks, lifts, skid loaders, manlifts, etc.
38. Provide and maintain all leading edge and opening fall protection at all edges/leading edges, openings, etc.; this protection shall remain in place until directed by the Construction Manager to remove the fall protection.
39. Provide all winter protection as required for their Work, including but not limited to: temporary heaters and consumed fuel, temporary enclosures, additional bracing, blankets, light plants, etc. Refer to schedule for general timeframe of installation.

F. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

1. N/A

G. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

1. N/A

H. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #09: FLOOR COVERINGS

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)**Division 01 General Requirements (all Sections)****Division 03 Concrete (as it relates to coordination)**

03 30 00 Cast-in-Place Concrete

Division 09 Finishes

09 30 00 Tiling

09 65 13 Resilient Base and Accessories

09 65 16 Resilient Sheet Flooring

09 65 19 Resilient Tile Flooring

09 68 13 Tile Carpeting

Division 12 Furnishings

12 48 13 Entrance Floor Mats

- E. Narrative Description of **Bid Package #09, Floor Coverings**. The Work of this Bid Package includes, but shall not be limited to the following items:
1. Provide all concrete sealers for floors designated as a sealed finish, including but not limited to: sealers, surface preparation, all coats, etc. Coordinate this work with the final cleaning operation and the Construction Manager.
 2. Provide all ceramic and quarry tiles, including but not limited to: wall and floor tile, colors, trim units, bullnose, base, corners, special shapes, patterns, waterproofing, latex waterproofing, crack suppression membranes, joint sealants, elastomeric sealants, metal edge strips, transitions strips, chemical-resistant

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sealants, underlayments, leveling compounds, patching compounds, cleaners, setting beds, grouts, expansion joints, epoxy grouts, mortars, tile cleaners, grout sealers, colors, patterns, mock-ups, extra materials as specified, etc.

3. Provide all resilient flooring and accessories, including but not limited to: resilient flooring, solid vinyl tile (SVT), rubber floor tile (RFT), resilient base, colors, patterns, transition strips, edge guards, adhesives, primers, leveling compounds, patching compounds, polish, and extra materials as specified, etc.
4. All outside corners are to be preformed. No job formed outside corners will be allowed.
5. Provide all seamless resilient flooring, including but not limited to: seamless resilient sheet flooring, resilient base, seam covers, colors, patterns, transition strips, edge guards, adhesives, primers, leveling compounds, patching compounds, polish, and extra materials as specified, etc.
6. Provide all carpet, including but not limited to: carpet, broadloom carpets, carpet tiles, colors, patterns, transition strips, adhesives, primers, underlayments, edge guards, leveling compounds, patching compounds, heat welding, seaming cement, seaming tape, thread, edge binding, cushions, metal edge strips, and extra materials as specified, etc.
7. Provide all entrance floor mat systems, including but not limited to: recessed entrance mats, stainless steel grid type mats, coordination with the Concrete Subcontractor, reinforcing, corner pins, U-clips, etc.
8. Provide all floor preparation up to 100% of the square footage of the new concrete slabs, including but not limited to: sanding, grinding, patching, leveling, feathering, filling, etc. This work shall be coordinated with the concrete and fire-proofing Subcontractors.
9. This Subcontractor shall review and evaluate all sawcut control joints for compliance with the specification. Any discrepancy shall be reported to the Construction Manager. Review of the FF/FL report will confirm if slab was placed in compliance with the concrete specifications. If it was, then all costs to grind, scarify, fill, and/or otherwise prepare the substrate shall be by this Subcontractor. If the required FF/FL numbers were not achieved, all costs for remedy shall be borne by concrete Subcontractor.
10. Provide all slab moisture content tests, relative humidity testing, and bond tests, etc. in strict accordance with the Specifications, manufacturers recommendations, and ASTM requirements prior to installation. Notify Construction Manager of any discrepancies.
11. Protect all adjacent work, door jambs, sills and surfaces, etc. from finish flooring work that may stain or otherwise damage the work.
12. Completely remove all finish flooring debris continuously on a daily basis to dumpsters provided by the Construction Manager.
13. Properly store all finish flooring materials, equipment, and accessories on elevated platforms in a dry location.
14. Provide multiple deliveries of material as requested by the CM to facilitate work in all areas available.
15. Provide and maintain all protection (masonite, plywood, tarps, drop cloths, masking, taping, covering, etc.) of all floors, walls, ceilings, adjacent finishes, etc. during and after the installation of their Work. Promptly remove all protection upon completion at the direction of the Construction Manager.
16. Provide all layout from control points and benchmarks furnished by others and related to the existing building
17. Provide all caulking, backer rod, and joint sealants permanently concealed by this Subcontractor's Work. This includes any areas that does not get base (door frames, misc steel connections, aluminum storefront/curtainwall, etc). This does not include joints in exposed concrete floors.

F. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

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1. N/A

G. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

1. N/A

H. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #10: WOOD ATHLETIC FLOORING

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)**Division 01 General Requirements (all Sections)****Division 03 Concrete (as it relates to coordination)****Division 06 Carpentry (as it relates to this scope)**

06 10 00 Rough Carpentry (as it relates to this scope of work)

06 20 00 Sheathing (as it relates to this scope of work)

06 20 23 Interior Finish Carpentry (as it relates to this scope of work)

Division 07 Thermal and Moisture Protection (as it relates to this scope)

07 84 13 Penetration Firestopping (as it relates to this scope of work)

07 92 00 Joint Sealants

07 95 13.13 Interior Expansion Joint Cover Assemblies

Division 09 Finishes

09 64 66.00 Wood Athletic Flooring

- E. Narrative Description of **Bid Package #10, Wood Athletic Flooring**. The Work of this Bid Package includes, but shall not be limited to the following items:
1. Provide wood athletic flooring systems scope of work as per the Contract Documents. This includes, but is not limited to: specified materials, wood strip flooring, felt underlayments, moisture barrier, plywood underlayments/sub-floor, sleepers (resiliently-mounted wood sleepers), cushion pads, floor sealers, gym floor finish, wood trims, grinding, sanding, finishing, mechanical fasteners, fasteners, adhesives, cork expansion strips, expansion base trim, filling of holes, surface preparation,

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mock-ups, stripping, cleaning, sealers, stains, colors, patterns, finishes, all coats, buffing, accessories, perimeter base, thresholds, etc.

2. This Subcontractor shall include all coordination with bleacher installer for location of sleepers/blocking to support the bleacher operation as required.
3. Provide complete all painting, striping, regulation game markings, logos, decals, colors, etc. as per the Contract Documents and as approved by the Owner and Architect etc.
4. Provide and maintain all floor protection as identified in the Specifications. Provide all protection (masonite, plywood, tarps, drop cloths, masking, taping, covering, etc.) of all floors, walls, ceilings, adjacent finishes, etc. during the installation of their Work. Promptly remove all protection at the direction of the Construction Manager.
5. Provide all slab moisture content tests, relative humidity testing, and bond tests, etc. in strict accordance with the Specifications and ASTM requirements prior to installation. Notify Construction Manager of any discrepancies.
6. Provide field verification of the concrete slabs – levelness and flatness – prior to installation and provide the Construction Manager a report of any deficient areas with the corrective action required.
7. This Subcontractor shall machine or otherwise sand flooring to accept volleyball inserts, concealed floor boxes, etc. for a smooth finish as required.
8. Provide all permanent expansion covers from wood flooring to adjacent surfaces per the specifications.
9. Provide all interior caulking and joint sealants required to complete this scope of work, and sealants permanently concealed by this work, for a watertight installation. Provide all caulking and joint sealants between materials installed under this scope of work and materials of other Subcontractors previously installed, including but not limited to: expansion joints, control joints, dissimilar materials, etc. Provide all joint preparation including removing all foreign material from substrates that could interfere with adhesion including: brushing, grinding, cleaning, blowing, and vacuuming of joints, etc. Provide all joint priming as required, sealant backing, bond-breaker tapes, backer rod, etc.
10. Properly stage all materials off of the ground. On site stockpiling of materials is prohibited, unless authorized and coordinated with the Construction Manager.
11. Provide all field verification of existing conditions prior to fabrication and installation. Immediately notify the Construction Manager of any discrepancies.
12. The Subcontractor shall furnish the required quantities of materials; this Subcontractor shall unload, inventory, and protect all materials from damage; immediately notify the Construction Manager of shortages and damages.
13. Provide all whips, plugs, adapters, breakers, etc. for any necessary electrical hook ups for equipment.
14. Provide all construction cleaning of installed materials including removal of stickers, markings, excess sealants, excess tapes, etc.
15. Provide all access, labor, equipment, and materials in support of all field testing of installed work under the scope; coordinate with the Construction Manager.
16. This Subcontractor shall provide all surveying, staking, grades, benchmarks, control and perform subsequent layout from initial survey information provided by the BP #19 – Surveying and Project Services Subcontractor for this Subcontractor's Work as required.
17. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, forktrucks, lifts, skid loaders, manlifts, etc.

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18. Provide and maintain all leading edge and opening fall protection at all edges/leading edges, openings, etc.; this protection shall remain in place until directed by the Construction Manager to remove the fall protection.

F. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

1. N/A

G. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

1. N/A

H. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #11: PAINTING

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)

Division 01 General Requirements (all Sections)

Division 03 Concrete (as it relates to coordination)

Division 04 Masonry (as it relates to coordination)

Division 05 Metals (as it relates to coordination)

Division 07 Thermal and Moisture Protection

07 81 23 Intumescent Fireproofing

07 84 13 Penetration Firestopping (as it applies to this scope)

07 92 00 Joint Sealants (as it applies to this scope)

Division 09 Finishes

09 91 13.00 Exterior Painting

09 91 23.00 Interior Painting

09 93 00 Staining and Transparent Finishing

09 96 00.00 High-Performance Coatings

- E. Narrative Description of **Bid Package #11, Painting**. The Work of this Bid Package includes, but shall not be limited to the following items:
1. Provide all surface preparation, barrier coats, filler coats, prime coats, intermediate coats, finish coats, and all colors of exposed interior and exterior items and surfaces of all items usually painted or finished.

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2. Provide all field painting and interior coatings including but not limited to: surface preparation, exposed bare and covered pipes and ducts including color coding, hangers, exposed steel and iron supports, surfaces of mechanical, plumbing and electrical equipment that do not have a factory applied final finish, hollow metal doors and frames, painting behind movable equipment and furniture, painting of interior surfaces of ducts where visible through registers, grilles, or diffusers, gypsum wall board walls and ceilings, masonry walls, plaster walls and ceilings, concrete walls, exposed structures, exposed galvanized items, stairs, handrails and guardrails, exposed concrete, access doors, all colors, all patterns, stenciling of fire walls above ceilings, etc.
3. Provide all painting and special coating systems of exterior items complete, including but not limited to: surface preparation, ladders, roof hatches, entrance canopy, handrails, gates, rooftop equipment supports, piping, gas piping, loading dock equipment, curbs, gates, bollards, lintels, etc.
4. Provide all required mock-ups and benchmark samples. Final approval of colors by Architect will be made from benchmark samples.
5. Provide all protection (masonite, plywood, tarps, drop cloths, masking, taping, covering, etc.) of all floors, walls, ceilings, adjacent finishes, etc. during the installation of their Work. Promptly remove all protection upon direction from the Construction Manager.
6. Provide all surface preparation including sanding, re-priming, barrier coats, chalk, dust, dirt, grease, oils, efflorescence, scraping, touch-up, etc.
7. Provide all touch-up following work of other trades to restore damaged or defaced painted surfaces. This includes punchlist of other trades work and one year warranty of other trades work touchups.
8. Provide all joints sealants for their work, including but not limited to: cabinetry, millwork, standing and running trims, doors, frames, access panels, interior plaster, and drywall, dissimilar materials, sealants, caulking, all colors, sealant backing, bond-breaker tapes, and backer rod, etc. Provide all joint preparation including removing all foreign material from substrates that could interfere with adhesion. All brushing, grinding, cleaning, blowing, and vacuuming of joints. All joint priming as required.
9. Provide all testing of existing substrates, including but not limited to: adhesion testing, alkaline testing, moisture testing, etc. Notify the Subcontractor of any deficiencies.
10. Protect all adjacent work, door jambs, sills and surfaces, etc. from splattering of painting, caulking, sealants, etc. that may stain or otherwise damage the work.
11. Completely remove all painting, caulking, sealants, and debris continuously on a daily basis to dumpsters provided by the Construction Manager.
12. Properly store all painting, caulking, sealants, materials, equipment, and accessories on elevated platforms in a dry location.
13. Provide all layout from control points and benchmarks furnished by others and related to the existing building.
14. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, lifts, pumps, etc.
15. Provide all field staining, painting, and finishing of interior architectural woodwork, including but not limited to: standing and running trim, handrails, surface preparation, sanding, caulking, back-priming, filling nail holes, washcoats, all colors and finishes, touch-up, seal tops, bottoms, and cutouts of wood doors, etc.
16. Provide all wall coverings complete, including but not limited to: materials from a consistent run or dye lot, adhesives, primers, sealers, seam tapes, all colors, patterns, and finishes, etc.
17. Provide light stands if necessary in order to provide adequate lighting if temporary lighting is not available or insufficient.

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18. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, forktrucks, lifts, skid loaders, pumps, mixers, etc.
19. Attic stock for this scope is to be new unopened material per the specifications complete with legend and tagging on color and location used.

F. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

1. N/A

G. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

1. N/A

H. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #12: FOOD SERVICE EQUIPMENT

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)**Division 01 General Requirements (all Sections)****Division 07 Thermal and Moisture Protection**

07 84 13 Penetration Firestopping

07 92 00 Joint Sealants

Division 11 Equipment

11 40 00 Food Service Equipment

Division 22 Plumbing (as it relates to coordination)**Division 23 HVAC (as it relates to coordination)****Division 26 Electrical (as it relates to coordination)**

- E. Narrative Description of **Bid Package #12, Food Service Equipment**. The Work of this Bid Package includes, but shall not be limited to the following items:
1. Provide all food service equipment indicated in the contract documents. Coordinate all work required with other trades for final rough in locations. All field connections and rough-in locations shall be field verified by this Subcontractor prior to equipment delivery.
 2. Within 3 weeks of a Notice of Intent, this Subcontractor shall submit all rough-in requirement information for the use of other Subcontractors to rough-in their work (ie plumbing underground, hood coordination, etc.) failure to submit this information on time will cause the FSE Subcontractor to pay for all rough-in revisions necessary to

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comply with late submittals. Within 4 weeks of contract issuance the FSE Subcontractor shall submit the balance of submittals required.

3. Prior to the placement of the concrete slab in the kitchen, this Subcontractor shall visit the site and confirm the underground plumbing/electric is appropriately placed to accept future connections.
4. Provide kitchen hood complete, including hoods, ductwork, filters, controls, dampers, etc.
5. Provide in two mobilizations the freezer floor system and the freezer wall system to facilitate concrete pours and schedule.
6. Provide all condenser units and roof curbs complete. Provide all coordination with Roofer for proper flashing.
7. Final connections to the food service equipment, both electrical and plumbing are by others. Provide any integral hookups necessary.
8. Provide all joint sealants to adjacent surfaces associated with this work.
9. Provide all necessary permits including, but not limited to: hood permit, refrigeration permit, health department permit, etc.
10. Provide all startups and Owner training on equipment.
11. Provide all inspections required including health department.
12. Provide a fully integrated fire suppression system, including but not limited to: design and engineering, approvals by authorities having jurisdiction, integration with the building fire alarm system, testing, final inspections, etc.
13. Include hood smoke test inspection per the local jurisdiction.
14. Provide all construction cleaning of installed materials including removal of stickers, markings, excess sealants, excess tapes, wrappings, plastics, films, etc.

F. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

1. N/A

G. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

1. N/A

H. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #13: CASEWORK

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)**Division 01 General Requirements (all Sections)****Division 06 Wood, Plastics, and Composites**

- 06 10 00 Rough Carpentry (as it relates to this scope)
- 06 20 23 Interior Finish Carpentry (as it relates to this scope)
- 06 41 16 Plastic-Laminate-Faced Architectural Cabinets

Division 07 Thermal and Moisture Protection

- 07 92 00 Joint Sealants

Division 09 Finishes

- 09 75 19 Marble Window Stools

Division 11 Equipment

- 11 51 23 Library Stack Systems
- 11 58 00 Art Room Equipment

Division 12 Furnishings

- 12 32 16 Manufactured Plastic Laminate-Faced (Educational) Casework
- 12 35 51 Music Casework
- 12 35 53.16 Plastic-Laminate-Clad Laboratory Casework
- 12 56 51.00 Library Furniture (Media Center)

- E. Narrative Description of **Bid Package #13, Casework**. The Work of this Bid Package includes, but shall not be limited to the following items:

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1. Provide all plastic laminate casework systems scope of work as per the Contract Documents. This includes but is not limited to: plastic laminate faced cabinets, wall cabinets, base cabinets, sink base, mail cubical compartments, book shelves, teacher demonstration table, teacher wardrobe, utility space framing, shop fabricated and finished, plastic laminate countertops, backsplashes, side splashes, sills, grommets, fillers, hardware, hinges, pulls, catches, slides, locks, coat hanger rods, all colors, finishes, patterns, etc.
2. Provide all plastic laminate countertops, solid surface countertops and/or epoxy countertop systems scope of work as per the Contract Documents. This includes but is not limited to: countertops, backsplashes, side splashes, grommets, filler panels, support brackets, metal brackets, all colors, finishes, patterns, etc.
3. Provide all plastic laminate, solid surfacing, and/or natural stone or marble window sills, wall caps, backsplashes, side splashes, grommets, filler panels, support brackets, metal brackets, all colors, finishes, and patterns, etc.
4. Concealed blocking in metal partitions walls for support of work by this Contract shall be provided by BP #05 – General Trades. Provide detailed drawings of required blocking locations for coordination. All concealed blocking not coordinated by this Subcontractor via detailed drawings and coordination shall be the responsibility of this Subcontractor.
5. Provide all rough carpentry and miscellaneous rough carpentry for this Subcontractor's scope of work systems not concealed within walls and or ceilings as required.
6. Provide all caulking and joint sealants required to complete this scope of work, and sealants permanently concealed by this work, for a watertight installation, including but not limited to: expansion joints, control joints, dissimilar materials, etc. Provide all caulking and joint sealants between materials installed under this scope of work and materials of other Subcontractors previously installed. Provide all joint preparation including removing all foreign material from substrates that could interfere with adhesion including: brushing, grinding, cleaning, blowing, and vacuuming of joints, etc. Provide all joint priming as required, sealant backing, bond-breaker tapes, backer rod, etc.
7. Verify project conditions and humidity levels prior to delivery of materials to the Project.
8. Provide all field verification of existing conditions and field measurements prior to fabrication, delivery and installation. Immediately notify the Construction Manager of any discrepancies. Fabrication shall keep pace with the project schedule whether or not field measurements can be confirmed.
9. Subcontractor shall furnish the required quantities of materials; this Subcontractor shall unload, inventory, and protect all materials from damage; immediately notify the Subcontractor of shortages and damages.
10. Properly stage all materials off of the ground. On site stockpiling of materials is prohibited, unless authorized and coordinated with the Construction Manager.
11. Provide temporary supports, bracing, and shoring systems as required for their work.
12. Coordinate all fixture installation within this Subcontractor's scope of work with other Subcontractors.
13. Cut all openings in casework including but not limited to plumbing openings, communication, and electrical openings.
14. This Subcontractor shall coordinate with the Fire Suppression, Plumbing, HVAC and Electrical Subcontractors as required for a completed system and as per the Contract Documents.
15. Provide construction cleaning of this work including removing all labels, stains, films, and similar distracting substances prior to final cleaning. Final Cleaning is by the BP-#05 -General Trades Subcontractor.

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16. Protect all installed materials by covering with corrugated cardboard or similar heavier material. Remove covering prior to final cleaning.
17. Provide all access, labor, equipment, and materials in support of all field testing of installed work under the scope; coordinate with the Construction Manager.
18. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, forklifts, lifts, skid loaders, manlifts, etc.
19. Coordinate all deliveries with the Construction Manager and multiple deliveries are to be included. All casework that is delivered to the site must be installed within 2 weeks of the delivery to prevent hindrance of other trades work around the building.
20. All work in a room is to be completed at one time rather than multiple trips into the room in various sequences.

F. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

1. N/A

G. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

1. N/A

H. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #14: FIRE SUPPRESSION

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor's execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)**Division 01 General Requirements (all Sections)****Division 07 Thermal and Moisture Protection**

07 84 13 Penetration Firestopping (as it relates to this scope)

07 92 00 Joint Sealants (as it relates to this scope of work)

Division 11 Equipment

11 40 00 Food Service Equipment (as it relates to this scope of work)

Division 21 Fire Protection

21 05 01 Basic Fire Suppression Requirements

21 05 02 Agreement and Waiver for Use of Electronic Files

21 05 02A Electronic Files – Heavy Release Form to Subcontractors

21 05 04 Basic Fire Suppression Materials and Methods

21 05 05 Firestopping

21 05 07 Piping Materials and Methods for Fire Protection

21 05 19 Meters and Gauges for Fire Suppression Piping

21 05 29 Hangers and Supports for Fire Suppression Piping

21 05 53 Identification of Fire Suppression Piping and Equipment

21 13 12 Fire Suppression Piping

21 13 13 Fire Suppression Sprinkler System

Division 26 Electrical (as it relates to coordination)

28 31 11 Digital, Addressable Fire-Alarm (as it relates to this scope of work)

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E. Narrative Description of **Bid Package #14, Fire Suppression.** The Work of this Bid Package includes, but shall not be limited to the following items:

1. Provide all fire suppression systems complete, including but not limited to: piping, galvanized piping, ductile-iron piping, standpipes, hangers, risers, sleeves, anchors, connections, penetrations, valves, hose valves, backflow preventers, fire department connection, switches, sprinkler heads, gauges, signs, drains, inspectors tests, meters, identification, escutcheons, alarm devices, etc.
2. Engineer, design, furnish and install complete all fire protection systems in strict accordance with the Contract Documents and all governing jurisdictions. Sprinkler design drawings and hydraulic calculations shall be prepared by a licensed professional engineer having jurisdiction where the Project is located, and furnished to all authorities having jurisdiction for approval within fifteen (15) days of the Letter of Intent. Provide any modifications following the MEPT Coordination Drawing approval, and resubmit to all authorities having jurisdiction for approval, if required.
3. Provide all necessary fittings, valves, etc. to test each area separately, as directed by the Construction Manager.
4. Provide all final connections to the fire water service line one foot (1') above finish floor.
5. Provide all protection of all sprinkler heads on exposed piping prior to painting, and remove the protection after final painting.
6. Provide any flow and/or pressure tests to verify existing pressures and flow rates, and incorporate this into their design; coordinate tests with all governing authorities.
7. Provide all fire protection testing, adjusting, and balancing as stated in strict accordance with the Specifications; provide all required reports.
8. Provide all internal (as an integral part of the equipment) electrical wiring, control wiring, network cabling, connections, and terminations, for a complete operating system; the final electrical power connection is by others.
9. Provide for a complete system all necessary sleeves, anchors, supporting members, miscellaneous steel, angles, strut, hangers, floor and wall sleeves, insulation, and approved firestopping assemblies, etc. Provide watertight installation of all penetrations through exterior walls. Provide painting and identification of all Work as specified.
10. Physically locate, furnish, and install all inserts, sleeves, opening, blockouts, and embedded items, pipes, conduits, boxes, junction boxes, etc. as required for their Work. Provide an itemized layout drawing detailing each wall for coordination with the masonry wall Subcontractor.
11. All hangers, supports, etc, shall be laid out and installed ahead of spray applied fireproofing to prevent damage during installation. Any damage caused by this Subcontractor to the spray applied fireproofing will be the responsibility of this Subcontractor.
12. Provide detailed electronic coordination drawings, including 3D BIM Modeling, in conjunction with the other Subcontractors to coordinate all of the systems in the Project. Conflicts shall be identified for immediate attention and resolution. Any resulting adjustments from the resolved conflicts shall be approved by all involved Subcontractors. If this Subcontractor fails to coordinate their Work and install their Work per the approved coordination drawings, this Subcontractor shall assume full responsibility to resolve the conflict. Provide drawings, templates, schematics, diagrams, etc. for all required Work. Final MEPT coordination drawings shall be completed within sixty (60) days of the Letter of Intent. Additional coordination responsibilities are included in Scope of Work Exhibit – All Subcontractors. The BIM Model will also be used as a coordination tool at the discretion of the Construction Manager.

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13. Provide all required embed setting drawings, diagrams, templates, directions, etc. for use by other Subcontractors to install this work. Drawings shall detail physical location from building lines or adjacent walls with the required elevation referenced.
14. Provide all caulking and joint sealants required to complete this scope of work, and sealants permanently concealed by this work, for a watertight installation. Provide all caulking and joint sealants between materials installed under this scope of work and materials of other Subcontractors previously installed, including but not limited to: expansion joints, control joints, dissimilar materials, etc. Provide all joint preparation including removing all foreign material from substrates that could interfere with adhesion including: brushing, grinding, cleaning, blowing, and vacuuming of joints, etc. Provide all joint priming as required, sealant backing, bond-breaker tapes, backer rod, etc.
15. Provide all cutting, patching and core drilling required for this Scope of Work. Cut all roof and floor decking required for installation of their Work. All holes shall be properly covered per OSHA requirements.
16. Provide all inspection costs associated with their work by all authorities having jurisdiction. Include a sufficient number of inspections for a project of this size and complexity. Minimum of 2 inspections to be included. Allow for zones to be created for installation of ceiling tiles by 20% of space.
17. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, forklifts, lifts, skid loaders, manlifts, etc.

F. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

1. N/A

G. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

1. N/A

H. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #15: PLUMBING

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor's execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)**Division 01 General Requirements (all Sections)****Division 07 Thermal and Moisture Protection**

07 84 13 Penetration Firestopping (as it relates to this scope of work)

07 92 00 Joint Sealants (As it relates to this scope of work)

Division 11 Equipment

11 40 00 Food Service Equipment (As it relates to this scope of work)

Division 22 Plumbing

22 05 01 Basic Plumbing Requirements

22 05 02 Agreement and Waiver for Use of Electronic Files

22 05 02A Electronic Files – Heapy Release Form to Subcontractors

22 05 04 Basic Plumbing Materials and Methods

22 05 05 Firestopping

22 05 07 Piping Materials and Methods

22 05 09 Excavation, Backfill and Surface Restoration

22 05 13 Electrical Requirements for Plumbing Equipment

22 05 19 Meters and Gauges for Plumbing Piping

22 05 23 General Duty Valves for Plumbing Piping

22 05 29 Hangers and Supports for Plumbing Piping

22 05 30 Bases and Supports for Plumbing Equipment

22 05 53 Identification of Plumbing Piping and Equipment

22 07 19 Plumbing Piping Insulation

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22 10 10	Facility Gas Piping
22 10 12	Interior Gas Piping
22 11 16	Interior Domestic Water Piping
22 11 19	Interior Domestic Water Piping Specialties
22 13 16	Interior Drainage and Vent Systems
22 13 19	Drainage Systems Special Ties
22 31 00	Domestic Water Softeners
22 33 00	Domestic Water Heater High Efficiency - Condensing
22 42 00	Plumbing Fixtures
Division 26	Electrical (as it relates to coordination)

E. Narrative Description of **Bid Package #15, Plumbing**. The Work of this Bid Package includes, but shall not be limited to the following items:

1. Provide all plumbing systems scope of work as required and as per the Contract Documents. This includes but is not limited to plumbing general provisions, basic materials and methods, firestopping, insulation, system components, grease interceptor systems, lab waste neutralization, acid neutralization basin, solids interceptor, domestic water heaters, fixtures, domestic water line piping, storm sewer piping, sanitary sewer piping, vent piping, insulation, drains, floor drains, trench drains, cleanouts, valves, fittings, backflow preventors, trap primers, final connections to equipment and related equipment, floor troughs, sump drains, pipe identification, hangers, specialties, emergency overflow drains, meters and gauges, etc.
2. This Subcontractor shall verify all inverts going to the building installed by BP #01 Sitework & Utilities.
3. Provide all interior natural gas systems scope of work as required and as per the Contract Documents. This includes but not limited to: piping, valves, fittings, strainers, final connections to equipment and related equipment, pipe identification, hangers, specialties, vents, etc. This Subcontractor shall coordinate with gas supplier for the new gas service and meter setting. All costs from main gas line connection to the meter shall be by this Subcontractor. This Subcontractor shall also include the gas permit and all testing required by the gas provider and authority having jurisdiction.
4. Provide all domestic water systems scope of work as required and as per the Contract Documents.
5. Provide all the sanitary systems scope of work as required and as per the Contract Documents. Provide all underground sanitary piping, including but not limited to: excavation, piping, clean-outs, backfilling, etc. Extend piping systems to outside of the building to location of exterior sanitary service provided by the Site Work and Utilities Subcontractor. Final connection and inspection by all governing authorities to the building system is by this Subcontractor. Clearly locate, define, and protect these locations. All testing and inspections required by local code requirements.
6. This Subcontractor shall receive the water supply service as a flanged connection, 1ft above concrete slab-on-grade elevation at the mechanical room. The water service into the building to this point shall be by others. This Subcontractor shall provide minimum of 3 connections for temporary usage at locations determined by the Construction Manager. Provide two (2) temporary water meters for temporary use; provide a minimum $\frac{3}{4}$ " hose connection. One (1) meter will be installed onto a fire hydrant per the Construction Manager's direction, and one (1) meter will be installed on the service line into the building.
7. Accept the site/building and soils conditions; excavate to subgrade elevations regardless of the character of the surface and subsurface conditions encountered.

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Excavated materials may include rock, soil materials, and obstructions. No changes in the Contract Sum or the Contract Time will be authorized for rock excavation or removal of obstructions without approval of Construction Manager. Replace all unsatisfactory soils materials and rock intended for fill and backfill with satisfactory soils materials.

8. Prevent surface water and ground water from entering excavations, from ponding on prepared subgrades, and from flooding Project site, and surrounding areas. Protect subgrades from softening, undermining, washout, and damage by rain or water accumulation. Dewater all standing water as required to prevent damage to prepared subgrades.
9. Provide all excavation, trenching, backfilling and compaction in accordance with the Specifications for this scope of work. Excavated materials shall be immediately loaded directly into a dump truck and exported and unloaded on site at a location as designated by the Construction Manager. Restore or replace all areas disturbed by this Subcontractor, including but not limited to: sawcutting asphalt or concrete, pavements, lawns, sidewalks, curbs, other site appurtenances, etc. Provide all patching of all pavement, curbs, and sidewalks at disturbed areas for their Work. Maintain safe access on the site with road plates as required.
10. This Subcontractor shall receive the building pads from the Sitework and Utilities Subcontractor as follows: #304 crushed limestone on building pad at 6" thick. The stone shall be rolled and compacted. This Subcontractor shall perform their scope of work from this provided condition and provide all their required scope of work.
11. This Subcontractor will provide all trenches and/or utility trenches required to be excavated and backfilled by this Subcontractor within the building line limits (or exterior/site paved areas). This Subcontractor shall provide specified bedding, backfill around utilities and compacted 304 aggregate stone backfill to top of gravel elevation. Provide 304 aggregate stone where utilities exit the building perimeter to prevent loss of grits and undermining of interior slabs during final connections.
12. This Subcontractor shall be equipped to layout and install all underground piping systems without footings or walls established. It should be assumed that this activity will run concurrent with footings and masonry.
13. This Subcontractor shall be present at every concrete pour to confirm elevations of drains, cleanouts, etc. All items embedded into concrete are to be staked with lath to ensure they are not covered.
14. Provide all final connections to kitchen equipment.
15. Provide all kitchen waste interceptors, including but not limited to: grease interceptors, excavation, backfilling and compaction, piping, seals (both inlet and outlet) clean-outs, etc. Provide all site underground piping from the building to the interceptor; the Sitework Subcontractor shall provide all piping from the interceptor to the main site sanitary service. Final connections and inspections by all governing authorities to the building system and the main site sanitary service are by this Subcontractor. Clearly locate, define, and protect these locations. All testing and inspections required by local code requirements. Provide granular fill under all pavements, concrete slabs, and sidewalks as specified for trench backfill.
16. All kitchen underground piping shall be cast iron piping. Reference general note K on P0.01 and note on P4.02. P4.02 clarifies ALL PIPING.
17. Provide all building oil and/or grease interceptors, and all piping from the building to the interceptors. This Subcontractor shall provide all piping and final connections from the building oil interceptors to the main service. Coordinate all Work with the Sitework Subcontractor. Final connections and inspections by all governing authorities to the building system and the main site sanitary service are by this Subcontractor. Clearly

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locate, define, and protect these locations. All testing and inspections required by local code requirements.

18. Provide all plumbing fixtures and equipment, including but not limited to: plumbing fixtures and trim, wash fountains, showers, emergency showers, wall hydrants, pumps, carriers, interceptors, traps, mop basins, sinks, recirculating pumps, expansion tanks, water heaters, etc.
19. Provide all plumbing testing, adjusting, and balancing as stated in strict accordance with the Specifications; provide all required reports. Provide labor, material, and equipment during the commissioning of the building systems as required by commissioning specifications. Include labor, material, and equipment for retesting any systems not meeting the commissioning requirements during initial testing, regardless of party responsible for failure. Marked-up drawings and written reports shall be provided to indicate testing data, observations, and deficiencies.
20. Provide detailed electronic coordination drawings, including 3D BIM Modeling, in conjunction with the other Subcontractors to coordinate all of the systems in the Project. Conflicts shall be identified for immediate attention and resolution. Any resulting adjustments from the resolved conflicts shall be approved by all involved Subcontractors. If this Subcontractor fails to coordinate their Work and install their Work per the approved coordination drawings, this Subcontractor shall assume full responsibility to resolve the conflict. Provide drawings, templates, schematics, diagrams, etc. for all required Work. Final MEP coordination drawings shall be completed within thirty (30) days of the Letter of Intent. Additional coordination responsibilities are included in Exhibit L – All Subcontractors. The BIM Model will also be used as a coordination tool at the discretion of the Construction Manager.
21. Provide installation and final connections to Owner furnished equipment as per the Contract Documents.
22. This Subcontractor shall exclude all interior and exterior equipment and housekeeping concrete pads indicated on the documents. Coordinate exact sizes and locations with the Concrete Subcontractor providing the pads. Any required pad not shown on the contract documents are by this subcontractor.
23. Provide for a complete system all necessary sleeves, anchors, supporting members, miscellaneous steel, angles, strut, hangers, floor and wall sleeves, insulation, and approved firestopping assemblies, etc. Provide watertight installation of all penetrations through exterior walls. Provide painting and identification of all Work as specified. This Subcontractor shall prime paint any raw steel supports, anchors, etc. that are furnished as a part of their Work. Reference H/P0.02.
24. Physically locate, furnish, and install all inserts, sleeves, opening, blockouts, and embedded items, pipes, conduits, boxes, junction boxes, etc. as required for their Work.
25. Provide all required embed setting drawings, diagrams, templates, directions, etc. for use by other Subcontractors to install this work. Drawings shall detail physical location from building lines or adjacent walls with the required elevation referenced.
26. The Surveying Subcontractor shall provide initial surveying benchmarks and controls; See BP 19 Surveying Scope of Work for reference.
27. This Subcontractor shall provide all surveying, staking, grades, benchmarks, control and perform subsequent layout from initial survey information provided by the Construction Manager for this Subcontractor's Work, including but not limited to: footings, foundations, walls, embeds, anchor bolts, bearing plates, embedded plates, embedded anchor bolts, sleeves, penetrations, and mechanical/plumbing/electrical/ fire protection openings, etc.
28. This Subcontractor shall provide as-built drawings of their Work.

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29. This Subcontractor shall be responsible for all cutting, patching and core drilling required for this Scope of Work. This Subcontractor shall cut all roof and floor decking required for installation of their Work.
30. Coordinate with the Structural Steel and Roofing Subcontractors for roof penetrations. Provide all roof curbs required for their roof-mounted equipment and any required steel supports (not identified in the Drawings) for roof mounted equipment and components required by this Subcontractor's scope of work. All cutting, patching, sealing, and roof flashing, made after permanent roof installed will be by the Structural Steel and Roofing Subcontractors and shall be paid for by this Subcontractor.
31. All hangers, supports, etc, shall be installed ahead of spray applied fireproofing to prevent damage during installation. Any damage caused by this Subcontractor to the spray applied fireproofing will be the responsibility of this Subcontractor.
32. This Subcontractor shall provide all Access Panels that are required for their systems scope of work.
33. Provide all caulking and joint sealants required to complete this scope of work, and sealants permanently concealed by this work, for a watertight installation. Provide all caulking and joint sealants between materials installed under this scope of work and materials of other Subcontractors previously installed, including but not limited to: expansion joints, control joints, dissimilar materials, etc. Provide all joint preparation including removing all foreign material from substrates that could interfere with adhesion including: brushing, grinding, cleaning, blowing, and vacuuming of joints, etc. Provide all joint priming as required, sealant backing, bond-breaker tapes, backer rod, etc. This Subcontractor has included caulking of plumbing fixtures.
34. Provide all inspection costs associated with their work by all authorities having jurisdiction. Include a sufficient number of inspections for a project of this size and complexity.
35. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, forktrucks, lifts, skid loaders, etc.
36. This Subcontractor shall clearly label and identify all plumbing items as per the Contract Documents.
37. Maintain full functionality of all new roof drainage systems at all times to ensure adequate drainage of the roof; provide temporary piping as required. Coordinate with the Roofing Subcontractor as required to remove, replace, relocate, adjust, or otherwise modify the existing roofing drainage systems to accommodate new construction by all Subcontractors including roofing replacement. Provide temporary roof drainage during new roofing operations to collect storm water and discharge into the storm system.
38. Provide all plumbing pump systems scope of work as required and as per the Contract Documents, including but not limited to: sump pumps, sewage ejectors, control panels, controls, basins, covers, valves, piping, etc.
39. Provide all internal (as an integral part of the equipment) electrical wiring, control wiring, network cabling, connections, and terminations, for a complete operating system; the final electrical power connection is by others.

F. Allowance:

1. **Additional Site Gas Line: An allowance of an additional 150 lineal feet of customer service gas line is to be included in the bid amount. This quantity is in addition to that shown on the Plumbing Site Plan Sheet P1.01 and may only be used at the direction of the Construction Manager. The price bid is to include all work specified and necessary for the installation of the gas line (excavation, disposition of spoil, backfill, compaction, etc.). It is the intent**

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that this allowance be used to increase or decrease the length of the customer service line at the time of installation and not as a separate gas service.

G. Unit Prices:

1. Additional Site Gas Line: A single unit price is to be bid for this work ("Site Gas Line") and will be used to adjust the allowance up or down based on the actual lineal footage of allowance gas line authorized by the Construction Manager. The unit price is to include all work noted above. For clarification, the unit price will only apply to the authorized allowance quantities used and not for the customer service gas line shown on Sheet P1.01. The Contract Amount will be adjusted up or down based on the actual final authorized quantity.

H. Alternates:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #16: HVAC

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Contactor's execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)**Division 01 General Requirements (all Sections)****Division 07 Thermal and Moisture Protection**

07 84 13 Penetration Firestopping (as it relates to this scope)

07 92 00 Joint Sealants (as it relates to this scope of work)

Division 23 HVAC

23 05 01 Basic HVAC Requirements

23 05 02 Agreement and Waiver for Use of Electronic Files

23 05 02A Electronic Files – Heapy Release Form to Contractors

23 05 04 Basic HVAC Materials and Methods

23 05 05 Firestopping

23 05 07 Piping Materials and Methods

23 05 09 Excavation, Backfill and Surface Restoration

23 05 13 Electrical Requirements for HVAC Equipment

23 05 14 Adjustable Frequency Motor Controller

23 05 17 Expansion Loops for HVAC Piping Systems

23 05 19 Gauges and Make-up Meters

23 05 23 General Duty Valves for HVAC Piping

23 05 29 Hangers and Supports for HVAC Piping

23 05 30 Bases and Supports for HVAC Equipment

23 05 31 HVAC Equipment Drives

23 05 49 Vibration Control for HVAC

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23 05 50	Flexible HVAC Pipe Connections
23 05 53	Identification of HVAC Piping and Equipment
23 05 93	Testing, Adjusting and Balancing for HVAC
23 07 13	Duct Insulation
23 07 16	HVAC Equipment Insulation
23 07 19	HVAC Pipe Insulation
23 09 23	Building Automation System for HVAC
23 09 25	Instrumentation and Control Devices for HVAC
23 09 47	Control Power and Wiring for HVAC
23 09 93	Sequence of Operation for HVAC Controls
23 21 13	Hydronic Piping
23 21 14	Expansion Tanks (Pressurized Diaphragm-Bladder)
23 21 17	Glycol Solution Systems
23 21 23	Hydronic Pumps
23 23 00	Refrigerant Piping (Small System)
23 25 00	Water Treatment Systems
23 31 13	HVAC Ductwork
23 33 00	Air Duct Accessories
23 34 00	HVAC Fans
23 34 23	HVAC Gravity Roof Ventilators
23 36 16	Air Terminal Units (VAV Reheat and Shutoff) (Electronic)
23 37 00	Air Outlets and Inlets
32 41 00	HVAC Filters
23 52 20	Hot Water High Efficiency Condensing Boilers
23 64 27	Rotary-Screw Water Chillers (Air Cooled)
23 73 00	Modular Air Handling Units
23 82 19	Fan-Coil Units
23 82 39	Unit Heaters (Cabinet-Propeller)
Division 28	Communications
28 31 11	Digital, Addressable Fire-Alarm System (as it relates to this scope of work)

E. Narrative Description of **Bid Package #16, HVAC**. The Work of this Bid Package includes, but shall not be limited to the following items:

1. Provide a complete HVAC systems scope of work as required and as per the Contract Documents. This includes, but not limited to: HVAC general provisions, basic materials and methods, firestopping, equipment and motors requirements, variable frequency drives, vibration isolation, testing/adjusting /balancing, insulation, instrumentation and controls, piping and accessories, hydronic systems (pumps, equipment specialties), water treatment, air distribution, life safety dampers, fans, air terminal units, gravity ventilators, central heating equipment, ceiling fans, ductless split air handlers, ductless split condensing units, modular indoor air handling units, indirect-fired air units, split system air conditions, hydronic heating units, make up air units heat pumps, furnaces, unit heaters, infrared heaters, hot water boilers, heat exchangers, condensing units, chillers, cooling towers, duct heating coils, radiant ceiling panels, humidifiers, pumps, VAV dual duct boxes, refrigerant piping, valves, fittings, flexible pipe connectors, pipe identification, hangers, specialties, vents, meters, gauges, other identifications and labeling, insulation, liners, acoustic liners, equipment, curbs, jackets, fire barrier wraps, accessories, appurtenances, etc.
2. Provide all pressure testing of units to ensure air tightness.

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3. Provide all mechanical insulation, including but not limited to: ductwork, piping, duct liner, acoustic liners, equipment, curbs, jackets, linings, fire barrier wraps, etc.
4. Final electrical power terminations are by the Electrical Subcontractor.
5. Coordinate locations of all roof mounted equipment with the Construction Manager (and Structural Steel and Roofing Subcontractor as required) for: structural supports, floor frames, floor curbs, roof frames, roof curbs, etc. Provide all curbs, roof curbs, and duct support pedestals, etc. for their work.
6. Provide installation and final connections to Owner furnished equipment as required per the Contract Documents
7. This Subcontractor shall start-up units as soon as possible, even on a temporary basis with temporary power and thermostats, for use during construction. Provide and maintain additional set(s) of MERV-8 filters and filter media for each unit during temporary use. While the permanent system is operating during construction, all proper IAQ (Interior Air Quality) considerations per ASHRAE standards shall be incorporated. This Subcontractor shall provide the written IAQ (Interior Air Quality) Plan per LEED requirements. Prior to building turnover and with the consent of the CM, this Subcontractor shall thoroughly clean all ductwork systems and provide clean permanent filters prior to Owner's final acceptance – mark all filters with date of installation. All warranties shall begin at the date of Substantial Completion for the Project, regardless if the equipment was operated prior to that date. All return Air Grilles need to have temporary filters throughout the construction process until building turnover.
8. Provide all ductwork and air distribution systems and equipment complete, including but not limited to: ductwork, exposed ductwork, filters, back-draft dampers, fire dampers, fire and smoke dampers, balancing dampers, flues, accessories, filters, flexible duct, fittings, grilles, registers, diffusers, hangers, supports, miscellaneous steel supports as required, etc. Provide temporary protection and end caps during construction to minimize dust entering ductwork system. Provide all painting of ductwork visible behind air outlets and inlets black.
9. All hangers, supports, etc, shall be laid out and installed ahead of spray applied fireproofing to prevent damage during installation. Any damage caused by this Subcontractor to the spray applied fireproofing will be the responsibility of this Subcontractor.
10. Provide all HVAC piping systems, including but not limited to: hydronic piping, heating piping, cooling piping, condenser water piping, condensate piping, steam and condensate piping, refrigerant piping, valves, fittings, flexible pipe connectors, pipe identification, hangers, vibration isolators, hydronic specialties, vents, strainers, expansion tanks, air separators, meters, gauges, ethylene glycol systems, etc.
11. Provide all vibration control for HVAC, including but not limited to: isolators, bases, rails, pads, springs, roof curbs, swivel hangers, etc.
12. All hangers to be installed on joists in an acceptable manner to the documents – reference detail 3/M0.03.
13. Provide all water treatment systems complete, including but not limited to: piping, valves, pumps, timers, controls, shot feeders, tanks, etc. Pressure relief piping to be ran back to tank to prevent discharge on the floor
14. Provide all air plenum casings complete, including but not limited to: walls, doors, baffles, air blending devices, drain pans, drain piping, coil supports, insulation, sealants, etc.
15. See detail 2/M2.01 for required drain pan.

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16. Provide all HVAC controls and building controls system complete, including but not limited to: digital controllers, hardware and software, thermostats, control valves, control dampers, instrumentation, sensors, actuators, field control and interlock wiring, transformers, actuators, control panels, louvers, remote control dampers, etc. The final electrical power connection is by the Electrical Subcontractor. Coordinate with all other trade Subcontractors as required for a complete system scope of work as per the Contract Documents. This Subcontractor shall confirm that all other Subcontractors having systems which tie into the BAS system have a BACnet Card, if not this Subcontractor shall supply the BACnet Card capabilities for that system.
17. This Subcontractor shall provide all architectural and mechanical louvers with sill pans including all conditions identified on detail B A5.02 for a weathertight condition.
18. This Subcontractor shall install all duct smoke detectors furnished by the Electrical Subcontractor, including wiring to fan shutdown. The wiring to the fire alarm systems is by the Electrical Subcontractor. Provide temporary protection of the duct detectors during temporary use of the HVAC systems; clean/replace dirty and/or damaged detectors prior to Owner's final acceptance.
19. Provide all HVAC testing, adjusting, and balancing as stated in strict accordance with the Specifications; provide all required reports. This Subcontractor shall also provide all HVAC testing, adjusting, and balancing of all existing systems following tie-in to the new systems.
20. This Subcontractor shall lead structural steel, drywall, mechanical, electrical, plumbing, fire protection, acoustical, theatrical rigging and all other trades in coordination meetings with all required Subcontractors. Provide minutes for these meeting. Additional coordination responsibilities are included in the Scope of Work Exhibit – All Subcontractors. BIM coordination drawings are required, including 3D BIM Modeling, which shall also be used for project coordination at the direction of the Construction Manager
21. Provide detailed electronic coordination drawings in conjunction with the other Subcontractors to coordinate all of the systems in the Project. Conflicts shall be identified for immediate attention and resolution. Any resulting adjustments from the resolved conflicts shall be approved by all involved Subcontractors. If this Subcontractor fails to coordinate their Work and install their Work per the approved coordination drawings, this Subcontractor shall assume full responsibility to resolve the conflict. Provide drawings, templates, schematics, diagrams, etc. for all required Work. Final MEPT coordination drawings shall be completed within sixty (60) days of the Letter of Intent. Additional coordination responsibilities are included in Scope of Work Exhibit – All Subcontractors.
22. Provide all internal (as an integral part of the equipment) electrical wiring, control wiring, network cabling, connections, and terminations, for a complete operating system; the final electrical power connection is by others. All low voltage wiring to VFDs are by this Subcontractor.
23. This Subcontractor shall exclude all interior and exterior equipment and housekeeping concrete pads indicated on the documents. Coordinate exact sizes and locations with the Concrete Subcontractor providing the pads. Any required pad not shown on the contract documents are by this subcontractor.
24. Provide for a complete system all necessary sleeves, anchors, supporting members, miscellaneous steel, angles, strut, hangers, floor and wall sleeves, insulation, and approved firestopping assemblies, etc. Provide watertight installation of all penetrations through exterior walls. Provide painting and identification of all Work as specified. This Subcontractor shall prime paint any raw steel supports, anchors, etc. that are furnished as a part of their Work.
25. Physically locate, furnish, and install all inserts, sleeves, opening, blockouts, and

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embedded items, pipes, conduits, boxes, junction boxes, etc. as required for their Work.

26. Provide all required embed setting drawings, diagrams, templates, directions, etc. for use by other Subcontractors to install this work. Drawings shall detail physical location from building lines or adjacent walls with the required elevation referenced.
27. The Surveying Subcontractor shall provide initial surveying benchmarks and controls; See BP 19 Surveying Scope of Work for reference.
28. This Subcontractor shall provide all surveying, staking, grades, benchmarks, control and perform subsequent layout from initial survey information provided by the Construction Manager for this Subcontractor's Work, including but not limited to: footings, foundations, walls, embeds, anchor bolts, bearing plates, embedded plates, embedded anchor bolts, sleeves, penetrations, and mechanical/plumbing/electrical/fire protection openings, etc. This includes openings in precast concrete.
29. This Subcontractor shall provide as-built drawings of their Work.
30. This Subcontractor shall be responsible for all cutting, patching and core drilling required for this Scope of Work. This Subcontractor shall cut all roof and floor decking required for installation of their Work.
31. This Subcontractor shall be responsible for the layout and coordination of all openings in masonry and metal framed walls. This Subcontractor shall commit 1 person minimum to be onsite during the installation of these walls. Openings not marked or the CM notified within 24hrs of wall being built will be the responsibility of this Subcontractor including demolition, masonry, steel, drywall, etc. as necessary.
32. Coordinate with the Structural Steel and Roofing Subcontractors for roof penetrations. Provide all roof curbs required for their roof-mounted equipment and any required steel supports (not identified in the Drawings) for roof mounted equipment and components required by this Subcontractor's scope of work. All cutting, patching, sealing, and roof flashing, made after permanent roof installed will be by the Structural Steel and Roofing Subcontractors and shall be paid for by this Subcontractor.
33. This Subcontractor shall provide all Access Panels that are required for their systems scope of work.
34. Provide all caulking and joint sealants required to complete this scope of work, and sealants permanently concealed by this work, for a watertight installation. Provide all caulking and joint sealants between materials installed under this scope of work and materials of other Subcontractors previously installed, including but not limited to: expansion joints, control joints, dissimilar materials, etc. Provide all joint preparation including removing all foreign material from substrates that could interfere with adhesion including: brushing, grinding, cleaning, blowing, and vacuuming of joints, etc. Provide all joint priming as required, sealant backing, bond-breaker tapes, backer rod, etc.
35. Provide all inspection costs associated with their work by all authorities having jurisdiction. Include a sufficient number of inspections for a project of this size and complexity.
36. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, forktrucks, lifts, skid loaders, etc.

F. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

1. N/A

G. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

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1. N/A

H. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #17: ELECTRICAL (ELECTRICAL, FIRE ALARM, COMMUNICATIONS, TECHNOLOGY, SECURITY)

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Subcontractor's execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)

Division 01 General Requirements (all Sections)

Division 03 Concrete (as it relates to coordination)

03 30 00 Cast-in-Place Concrete

Division 04 Masonry (as it relates to coordination)

04 20 00 Unit Masonry

Division 07 Thermal and Moisture Protection

07 84 13 Penetration Firestopping (as it relates to this scope of work)

07 92 00 Joint Sealants (as it relates to this scope of work)

Division 08 Openings

08 71 00 Door Hardware (as it relates to this scope of work)

Division 09 Finishes

09 21 16.00 Drywall Assemblies

Division 11 Equipment

11 05 13 Common Motor Requirements for Equipment

11 40 00 Food Service Equipment (as it relates to this scope of work)

11 52 13.00 Front Projection Screens

Division 12 Furnishings

Division 13 Special Construction (as it relates to coordination)

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Division 26 Electrical

26 00 50	General Electrical Requirements
26 05 05	Electrical Testing
26 05 19	Low-Voltage Electrical Power Conductors and Cables
26 05 26	Grounding and Bonding for Electrical Systems
26 05 29	Hangers and Supports for Electrical Systems
26 05 33	Conduit and Boxes for Electrical Systems
26 05 43	Underground Ducts and Raceways for Electrical Systems
26 05 53	Identification for Electrical Systems
26 05 73	Power System Studies
26 09 23	Lighting Control Devices
26 22 00	Low-Voltage Transformers
26 24 13	Switchboards
26 24 16	Panelboards
26 27 26	Wiring Devices
26 28 13	Fuses
26 28 16	Enclosed Switches and Circuit Breakers
26 29 13	Enclosed Controllers
26 33 23	Battery Inverter Equipment
26 51 00	Interior Lighting
26 56 00	Exterior Lighting

Division 27 Communications

27 05 00	Basic Communications Requirements
27 05 03	Technology Systems Warranties & Guarantee
27 05 04	Communication System Submittals
27 05 10	Agreement and Waiver for Use of CAD Files
27 05 20	Basic Communications Materials and Methods
27 05 25	Firestopping
27 05 26	Grounding and Bonding for Communications Systems
27 05 28	Pathways for Communications Systems
27 05 29	Hangers and Supports for Communications Systems
27 05 36	Cable Trays for Communications Systems
27 05 44	Sleeves and Seals for Communications Pathways and Cabling
27 05 53	Identifications
27 08 01	Communication Systems Cable Testing
27 08 02	Documentation and Close Out for Tech & Security Systems
27 11 00	Communications Equipment Room Fittings
27 13 13	Communications Copper Backbone Cabling
27 13 23	Communications Fiber Backbone Cabling
27 15 13	Communications Copper Horizontal Cabling
27 41 19	Audio/Visual Equipment
27 51 21	Student Dining Audiovisual System
27 51 23	IP Central Sound / Master Clock
27 51 24	Main Gym Audiovisual System
27 53 15	GPS Satellite Clock System

Division 28 Security

28 05 00	Basic Electronic Safety and Security Requirements
28 05 20	Basic Electronic Safety and Security Materials and Methods
28 05 26	Grounding and Bonding for Electronic Safety and Security Systems
28 05 28	Electronic Safety and Security Systems Pathways and Support Equipment
28 13 00	Access Control System
28 13 33	Door Entry Video Intercom System

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28 16 00	Intrusion Detection System
28 21 00	Video Surveillance Cameras
28 23 00	Video Surveillance System
28 31 11	Digital, Addressable Fire-Alarm System

E. Narrative Description of **Bid Package #17, Electrical (Electrical, Fire Alarm, Communication, Technology, Security)**. The Work of this Bid Package includes, but shall not be limited to the following items:

1. Provide all temporary power and temporary lighting, including but not limited to: temporary generators, temporary power service, temporary power distribution, temporary lighting, removal of all such items and any required patching/repairs, comply with the National Electric Code (NEC) and the Occupational Safety and Health Administration (OSHA), coordination with local utility companies and, power hook-up and disconnect of special electrical needs (sump pumps, fireproofing equipment, sawcutting equipment, elevator equipment, flooring equipment, welding equipment, etc.), and all utility company charges to establish temporary service. This Subcontractor shall also provide all temporary power connections to the Construction Manager's trailer. This Subcontractor shall also provide all temporary power connections to mechanical equipment to be used for temporary heating/cooling.
2. Temporary lighting shall be increased at the direction of the Construction Manager to continue work with adequate lighting. Initial setup should be capable of masonry punch, flooring, etc. being performed without additional measures. Lighting in areas of spray applied fireproofing shall be located within 10'-0" of finish floor to allow for easy movement to prevent coverage and splatter of the light.
3. All hangers, supports, conduits, boxes, etc, shall be laid out and installed ahead of spray applied fireproofing to prevent damage during installation. Any damage caused by this Subcontractor to the spray applied fireproofing will be the responsibility of this Subcontractor.
4. Temporary power outlets shall be placed such that all areas of the space can be reached with a 100'-0" extension cord with NO DAISY CHAINING ALLOWED.
5. AEP intends to supply the project with permanent 3-phase power to the transformer by start of construction. This is intended to serve as temporary power source as well. Include all electrical equipment necessary to connect to the 3-phase power for temporary usage.
6. The electrical contractor shall include temporary fire alarm control as required to satisfy the specifications and OSHA.
7. This Subcontractor shall provide a complete Electrical (Electrical, Fire Alarm, Communication, Technology, Security) systems scope of work as required and as per the Contract Documents.
8. Provide all electrical materials and methods complete, including but not limited to: raceways, underground raceways, wire for the exterior, wireways, wiremold, conduits, fittings, connectors, splices, boxes, outlet boxes, pull and junction boxes, enclosures, cabinets, wire and cable, conductors, cables, wiring devices and plates, disconnect switches, safety switches, switches, circuit breakers, motor controllers, fuses, identification, junction box identification, busway systems, fasteners, vibration isolation, grounding, bonding, etc.
9. Provide all labeling and identifications for all devices and panel breakers with specific descriptions, including item name, location, space, etc. Coordinate requirements with the Construction Manager and Owner.
10. Provide all coordination and requirements for connection to the primary electrical service with the local power company, Construction Manager, and Owner.

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11. Provide all power distribution equipment complete, including but not limited to: lighting panelboards, switchboards, circuit breakers, ground-fault protection system, metering, transient voltage suppression systems, identification, nameplates, wiring, devices, connections, testing and reporting, transformers, fuses, disconnect switches, surge protective devices, etc.
12. Provide all facility lightning protection system, including but not limited to: raceways, cables, grounding, rods, etc.
13. Provide all lighting complete, including but not limited to: luminaries, lamps, ballasts, exit signs, luminary components, lighting controls, programmable lighting control systems, occupancy sensors, etc. Permanent lighting shall be used for temporary lighting during the Project. This Subcontractor shall clean and replace lamps as required to ensure all lamps are working at the time of Project completion.
14. Provide all overcurrent protective device coordination studies complete in strict accordance with the Specifications.
15. Provide all electrical system's coordination studies as required and as per the Contract Documents.
16. Engineer, design, furnish and install complete all fire alarm systems and modifications complete, including but not limited to: fire alarm control panels, fire alarm annunciator panels, voice fire alarm systems, devices, pull stations, automatic fire detectors, horns, flashing lights, wiring connections, boxes, software, emergency power supply, identification, grounding, testing and reporting, etc. The fire alarm system shall be in strict accordance with the Contract Documents and all governing jurisdictions. This includes modifications to existing systems. Fire alarm design drawings shall be prepared by a licensed professional engineer having jurisdiction where the Project is located, and furnished to all authorities having jurisdiction for approval within fifteen (15) days of the Letter of Intent. This Subcontractor shall wire into the fire alarm system the fire sprinkler systems flow and tamper switches that are provided by that Subcontractor. This Subcontractor shall wire into the fire alarm system the duct detectors that are furnished by this Subcontractor and installed by the HVAC Subcontractor. Provide temporary protection of the duct detectors during temporary use of the HVAC systems; clean/replace dirty and/or damaged detectors prior to Owner's final acceptance.
17. Provide all low voltage cable raceways, including but not limited to: conduit, cable trays, boxes, conduit riser diagrams, pull lines, etc.
18. Provide all communication voice/data raceway systems complete, including but not limited to: structured cabling, telephone and data raceways and boxes, equipment, terminations, plywood backboards, conduit, cable trays, pull lines, terminals, jacks, cover plates, cables, connections, etc.
19. Provide all information and technology cabling systems complete, including but not limited to: cabling, structured cabling, pathway hardware, cable trays, racks, equipment racks, circuits, outlets, receptacles, switches, grounding system, distribution, labels, wiring, connections, final terminations, circuit breakers, etc. Coordinate with the Owner all final terminations, equipment, locations, etc.
20. Provide all audio & visual power and cabling systems complete, including but not limited to: cabling, structured cabling, pathway hardware, circuits, outlets, receptacles, switches, backcans, floor boxes, grounding system, racks, equipment racks, distribution, labels, wiring, connections, final terminations, circuit breakers, etc. Coordinate with the Owner all final terminations, equipment, locations, etc. Coordinate with the Owner's Subcontractor.
21. Provide all security communication raceway systems, including but not limited to: raceways and boxes, conduit, pull lines, power, etc.
22. Provide all commissioning of electrical systems, in coordination with the

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commissioning agent, commissioning plans, start-ups, testing, reports, etc. in accordance with the Specifications. Provide labor, material and equipment during the commissioning of the building systems as required by commissioning specifications. Include labor, material and equipment for retesting any systems not meeting the commissioning requirements during initial testing, regardless of party responsible for failure. Marked-up drawings and written reports shall be provided to indicate testing data, observations and deficiencies.

23. Accept the site/building and soils conditions; excavate to subgrade elevations regardless of the character of the surface and subsurface conditions encountered. Excavated materials may include rock, soil materials, and obstructions. No changes in the Contract Sum or the Contract Time will be authorized for rock excavation or removal of obstructions without approval of Construction Manager. Replace all unsatisfactory soils materials and rock intended for fill and backfill with satisfactory soils materials.
24. Prevent surface water and ground water from entering excavations, from ponding on prepared subgrades, and from flooding Project site, and surrounding areas. Protect subgrades from softening, undermining, washout, and damage by rain or water accumulation. Dewater all standing water as required to prevent damage to prepared subgrades.
25. Provide all excavation, trenching, backfilling and compaction in accordance with the Specifications for this scope of work. This includes but is not limited to: gravel backfill, dirt backfill (suitable compactable dirt will be allowed for exterior work not under pavements as allowed by Code and/or Local Authorities having Jurisdiction), and backfilling for underground conduit, wiring, and ductbanks, concrete backfill/encasement for underground conduit, colored concrete backfill/encasement for underground conduit, warning tapes, etc. Excavated materials shall be immediately loaded directly into a dump truck and exported and unloaded on site at a location as designated by the Construction Manager. Restore or replace all areas disturbed by this Subcontractor, including but not limited to: sawcutting asphalt or concrete, pavements, lawns, sidewalks, curbs, other site appurtenances, etc. Provide all patching of all pavement, curbs, and sidewalks at disturbed areas for their Work. Maintain safe access on the site with road plates as required.
26. This Subcontractor shall receive the building pads from the Sitework and Utilities Subcontractor as follows: #304 crushed limestone on building pad at 6" thick. The stone shall be rolled and compacted. This Subcontractor shall perform their scope of work from this provided condition and provide all their required scope of work.
27. This Subcontractor will provide all trenches and/or utility trenches required to be excavated and backfilled by this Subcontractor within the building line limits (or exterior/site paved areas). This Subcontractor shall provide specified bedding, backfill around utilities and compacted 304 aggregate stone backfill to top of gravel elevation.
28. Provide all exterior lighting complete, including but not limited to: luminaries, lamps, ballasts, light poles, concrete bases, exterior light poles and fixture, ground lighting, excavation, reinforcement, backfilling compaction, lighting controls, programmable lighting control systems, core drilling of concrete, asphalt, and other surfaces, etc. Permanent lighting shall be used for temporary lighting during the Project. Replace lamps as required to ensure all lamps are working at the time of Project completion. All concrete bases shall be stripped and rubbed to a uniform finish – honeycombing will not be accepted. Prior to the installation of stone base (by others) all conduits, trenching, and base installation, must be completed to light pole locations.
29. Include all hookups of power and technology to the scoreboard. Coordinate this work with the General Trades Subcontractor.
30. Provide all structures and appurtenances in paved and grass be set to final grade.

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31. Provide all manual motor starters, motor controllers, and disconnect switches unless noted otherwise whether provide by this Subcontractor or others.
32. Provide all conduit, raceways, power wiring, control wiring, final connections and terminations complete for all equipment, including but not limited to: automatic doors, all door hardware identified on the hardware schedule in Specification Section 08 71 00, pumps, heaters, fans, mechanical equipment, plumbing equipment, fire protection equipment, low voltage systems, appliances, kitchen equipment, overhead doors, sliding fire doors, sectional doors, motorized shades, all Owner furnished equipment, heat tracing for plumbing piping and kitchen equipment, etc.
33. Provide detailed electronic coordination drawings, including 3D BIM Modeling, in conjunction with the other Subcontractors to coordinate all of the systems in the Project. Conflicts shall be identified for immediate attention and resolution. Any resulting adjustments from the resolved conflicts shall be approved by all involved Subcontractors. If this Subcontractor fails to coordinate their Work and install their Work per the approved coordination drawings, this Subcontractor shall assume full responsibility to resolve the conflict. Provide drawings, templates, schematics, diagrams, etc. for all required Work. Final MEP coordination drawings shall be completed within sixty (60) days of the Letter of Intent. Additional coordination responsibilities are included in Exhibit L – All Subcontractors. The BIM Model will also be used as a coordination tool at the discretion of the Construction Manager.
34. Provide all internal (as an integral part of the equipment) electrical wiring, control wiring, network cabling, connections, and terminations, for a complete operating system; the final electrical power connection is by this Subcontractor.
35. Provide the concrete transformer pads (coordinated with the utility company), anchor bolts, etc. This Subcontractor shall exclude all interior and exterior equipment and housekeeping concrete pads indicated on the documents. Coordinate exact sizes and locations with the Concrete Subcontractor providing the pads. Any required pad not shown on the contract documents are by this subcontractor.
36. Provide for a complete system all necessary sleeves, anchors, supporting members, miscellaneous steel, angles, strut, hangers, floor and wall sleeves, insulation, and approved firestopping assemblies, etc. Provide watertight installation of all penetrations through exterior walls. Provide painting and identification of all Work as specified. This Subcontractor shall prime paint any raw steel supports, anchors, etc. that are furnished as a part of their Work.
37. Physically locate, furnish, and install all inserts, sleeves, opening, blockouts, and embedded items, pipes, conduits, boxes, junction boxes, etc. as required for their Work.
38. Provide all required embed setting drawings, diagrams, templates, directions, etc. for use by other Subcontractors to install this work. Drawings shall detail physical location from building lines or adjacent walls with the required elevation referenced.
39. This Subcontractor shall be responsible for all cutting, patching and core drilling required for this Scope of Work. This Subcontractor shall cut all roof and floor decking required for installation of their Work.
40. This Subcontractor shall provide all Access Panels that are required for their systems scope of work.
41. Provide all coordination and requirements for electrical connections to all systems with the Construction Manager and Owner.
42. Provide all caulking and joint sealants required to complete this scope of work, and sealants permanently concealed by this work, for a watertight installation. Provide all caulking and joint sealants between materials installed under this scope of work and materials of other Subcontractors previously installed, including but not limited to: expansion joints, control joints, dissimilar materials, etc. Provide all joint preparation

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including removing all foreign material from substrates that could interfere with adhesion including: brushing, grinding, cleaning, blowing, and vacuuming of joints, etc. Provide all joint priming as required, sealant backing, bond-breaker tapes, backer rod, etc.

43. This Subcontractor shall provide all firestopping for their systems scope of work.
44. Provide all inspection costs associated with their work by all authorities having jurisdiction. Include a sufficient number of inspections for a project of this size and complexity.
45. Provide all equipment and operation of equipment, including but not limited to: scaffolding, hoisting, cranes, forklifts, lifts, skid loaders, etc.
46. Provide all automatic transfer switches complete, including but not limited to: automatic transfer switches, remote annunciation system, wiring, connections, testing and reporting, etc.
47. Provide all security, CCTV, CFA, communication systems for a complete and operating system, including but not limited to: cabling, pathway hardware, circuits, outlets, receptacles, switches, boxes, racks, equipment racks, equipment, equipment racks, cameras, monitors, motion sensors, contactors, servers, programming, software, distribution, labels, wiring, connections, final terminations, circuit breakers, etc. Coordinate with the Owner all final terminations, equipment, locations, etc.
48. The Surveying Subcontractor shall provide initial surveying benchmarks and controls; See BP 19 Surveying Scope of Work for reference.
49. This Subcontractor shall provide all surveying, staking, grades, benchmarks, control and perform subsequent layout from initial survey information provided by the Construction Manager for this Subcontractor's Work, including but not limited to: footings, foundations, walls, embeds, anchor bolts, bearing plates, embedded plates, embedded anchor bolts, sleeves, penetrations, and mechanical/plumbing/electrical/fire protection openings, etc.
50. This Subcontractor shall provide as-built drawings of their Work.
51. This Subcontractor shall provide sufficient power to the mechanical equipment and hydronic pumps whether permanent power is in place or not to facilitate progress.
52. Coordinate with the Structural Steel and Roofing Subcontractors for roof penetrations. Provide all roof curbs required for their roof-mounted equipment and any required steel supports (not identified in the Drawings) for roof mounted equipment and components required by this Subcontractor's scope of work. All cutting, patching, sealing, and roof flashing, made after permanent roof installed will be by the Structural Steel and Roofing Subcontractors and shall be paid for by this Subcontractor.

F. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

1. Additional Primary Electrical Service Conduit Bank: An allowance of an additional 150 lineal feet of primary electric service conduit bank (one lineal foot bid is to include two lineal feet of specified conduit) is to be included in the lump sum bid amount. This quantity is in addition to that shown on the Site Electrical Plan Sheet E2.01 and may only be used at the direction of the Construction Manager. The price bid is to include all work specified and necessary for the installation of the primary conduits (excavation, disposition of spoil, backfill, compaction, pull rope, etc.). It is the intent that this allowance be used to increase the length of the primary service conduit bank at the time of installation and not as a separate primary service operation.
2. Additional Site Communications Conduit Bank: An allowance of an additional 150 lineal feet of site communication conduit bank (one lineal foot bid is to include two

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lineal feet of specified conduit) is to be included in the lump sum bid amount. This quantity is in addition to that shown on the Site Electrical Plan Sheet E2.01 and may only be used at the direction of the Construction Manager. The price bid is to include all work specified and necessary for the installation of the communications conduits (excavation, disposition of spoil, backfill, compaction, inner ducts, etc.). It is the intent that this allowance be used to increase the length of the site communication conduits at the time of installation and not as a separate communication conduit operation.

3. Additional Site Lighting Poles: An allowance of two additional site lighting poles is to be included in the lump sum bid amount. This quantity is in addition to that shown on the Site Electrical Plan Sheet E2.01 and may only be used at the direction of the Construction Manager. The price bid is to include all work specified and necessary for the installation of the additional light poles (excavation, disposition of spoil, backfill, compaction, pole foundation, grounding, vibration dampening, etc.) including 200 lineal feet of underground conduit and wire for each additional pole. It is the intent that this allowance be used to increase the quantity of the specified poles at the time of installation and not as a separate operation.

G. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

1. Additional Primary Electrical Service Conduit Bank: A single unit price is to be bid for this work ("Additional Primary Electric Service Conduit Bank") and this same unit price will be used to adjust the allowance up or down based on the actual lineal footage of allowance primary conduit authorized by the Construction Manager. The unit price is to include all work noted above. For clarification, the unit price will only apply to the authorized allowance quantities used in addition to the primary electric service conduit shown on Sheet E2.01. The Contract Amount will be adjusted up or down based on the actual final authorized quantity.
2. Additional Site Communications Conduit Bank: A single unit price is to be bid for this work ("Additional Site Communications Conduit Bank") and this same unit price will be used to adjust the allowance up or down based on the actual lineal footage of allowance communications conduit authorized by the Construction Manager. The unit price is to include all work noted above. For clarification, the unit price will only apply to the authorized allowance quantities used in addition to the site communications conduits shown on Sheet E2.01. The Contract Amount will be adjusted up or down based on the actual final authorized quantity.
3. Additional Site Lighting Poles: A single unit price is to be bid for this work ("Additional Site Lighting Poles") and this same unit price will be used to adjust the allowance up or down based on the actual quantity of light poles authorized by the Construction Manager. The unit price is to include all work noted above. For clarification, the unit price will only apply to the authorized allowance quantities used and not for the quantity of site lighting poles shown on Sheet E2.01. The Contract Amount will be adjusted up or down based on the actual final authorized quantity.

H. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #18: ASPHALT PAVING

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Contractor and any special provisions related to the Contractor execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Contractor in defining this Bid Package's scope of work. Each Contractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)**Division 01 General Requirements (all Sections)****Division 03 Concrete (as it relates to coordination)**

03 30 00 Cast-in-Place Concrete

Division 31 Earthwork (as it relates to this scope)

31 20 00 Earth Moving

Division 32 Exterior Improvements

32 12 16 Asphalt Paving

32 13 13 Concrete Paving (as it relates to this scope)

32 18 23 Athletic Surfacing (as it relates to this scope)

32 31 13 Chain Link Fences and Gates (as it relates to this scope)

Division 33 Utilities (as it relates to this scope)

33 05 00 Common Work Results for Utilities

33 46 00 Subdrainage

- E. Narrative Description of **Bid Package #18, Asphalt Paving**. The Work of this Bid Package includes, but shall not be limited to the following items:
1. Provide all heavy duty asphalt paving work to the required grades and thickness complete in accordance with the documents, City of Delaware, and ODOT Standards, including but not limited to: asphalt paving, all courses, asphalt curbs, tack coats, etc.

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2. Provide all light duty asphalt paving work to the required grades and thickness complete in accordance with the documents and ODOT, City of Delaware Standards, including but not limited to: asphalt paving, all courses, asphalt curbs, tack coats, etc.
3. The Sitework Subcontractor shall provide all stone subbase supporting new asphalt pavements and gravel shoulders. This Subcontractor shall proof roll, final grade, and compact all subbase at all areas to within tolerance of plus/minus two inch (2"); provide additional stone subbase up to two inches (2") thick as required for final grades. All elevations shall be verified prior to accepting the site and coordinated with the Sitework Subcontractor; notify the Construction Manager of any discrepancies.
4. The Sitework and Electrical Subcontractors shall provide all asphalt patching at their new underground utility work.
5. Provide all striping on all asphalt pavements installed by this Subcontractor, including but not limited to: striping, paints, colors, markings, layout, etc.
6. Provide all parking blocks complete.
7. Provide all site signage complete, including stop signs, handicap parking signs, posts, fasteners, etc.
8. Provide all equipment and operation of equipment, including but not limited to: paving machines, hoisting, cranes, forktrucks, lifts, skid loaders, excavators, dozers, graders, compactors, trucking, etc.
9. This Subcontractor includes multiple mobilizations. Mobilizations are defined as the movement of major equipment on a flatbed tractor-trailer; they do not include return trips for small crews and pick-up trucks. Powerwash and clean surfaces between layers.

F. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:

1. N/A

G. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:

1. N/A

H. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:

1. N/A

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SECTION 01 12 00
BID PACKAGE WORK DESCRIPTIONS

Bid Package #19: Surveying

- A. The work of this Bid Package consists of the Work detailed by the following Specification Sections and as shown and indicated on the Drawings. The Work is not restricted by division of drawings or specification. Unless otherwise specifically noted, all work to be performed shall consist of providing all labor, materials, equipment and whatever is necessary to complete the Work in accordance with the Specifications and applicable Codes.
- B. Provide all labor, material and equipment required to complete the Bid Package Work including, but not limited to all necessary management, supervision, labor, materials, tools, supplies, machinery, scaffolding, storage, transportation, equipment, services, engineering, and/or any other act or thing required to diligently and fully perform and complete the portions of the work as defined herein.
- C. This section defines in summary, without limitations by the descriptions, significant items of the scope of work to be performed by the Subcontractor and any special provisions related to the Contactor's execution of the work and the project. The details of the scope of work are further defined in Drawings, Specifications and other provisions contained in the Contract Documents.
- D. The following Specification Sections are listed as the specific responsibility of this Subcontractor in defining this Bid Package's scope of work. Each Subcontractor is responsible for all specification sections and this list shall in no way limit the Scope of Work. All systems are to be installed complete and functioning.

Division 00 Procurement and Contracting Requirements (all Sections)
Division 01 General Requirements (all Sections)

- E. Narrative Description of **Bid Package #19, Surveying**. The Work of this Bid Package includes, but shall not be limited to the following items:
 - 1. Provide all Surveying Work as directed by the Construction Manager, including but not limited to the following:
 - a. Recover existing horizontal and vertical control, and establish all surveying control; establish additional control as needed.
 - b. Perform calculations for all layout per the Construction Drawings.
 - c. Coordinate all offsets and lines with the Construction Manager prior to staking
 - d. Provide staking with grades at the edges of uncurbed pavement with lath only at 25' intervals for final grading and construction.
 - e. Provide staking with grades for curbing, walks and concrete parking pads with hub and tack offsets at 25' intervals for final grading and construction.

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- f. Stake spot elevations in parking and drive ways as coordinated with the Construction Manager.
 - g. Provide stakes along proposed contours for both initial rough grading and final site grading.
 - h. Provide stakes with grades for the building pads with lath only for initial grading for the proposed building. Provide two (2) finish floor benchmarks for the proposed building pad. At the direction of the CM, place 2 separate concrete monuments 12" in diameter and 36" deep to place the finish floor benchmarks.
 - i. Provide staking of the exterior building corners and columns with hub and tack offsets for construction of the building footers. Corners are to be double offsets with hub and tacks.
 - j. Provide pinning of the exterior building corners and columns once the footers have been constructed to aid in the construction of building walls.
 - k. Provide a final As-Built Survey of the entire site.
2. This Subcontractor shall provide 20 mobilizations to complete the above scope of work, and as directed by the Construction Manager.
- A. Allowance: Include the following Allowance(s) per Specification Section 01 21 00:
- 1. N/A
- B. Unit Prices: Include the following Unit Prices per Specification Section 01 22 00:
- 1. N/A
- C. Alternates: Include the following Alternate(s) per Specification Section 01 23 00:
- 1. N/A

GMP Amendment Exhibit A1.1.5.1: Schedule of Alternates

The following Schedule of Alternates identifies the alternates that may be accepted by the Owner following execution of the GMP Amendment No. 01.0 for the Olentangy Local School District Elementary #2 School project:

BUILDING AND CMR ALTERNATE SCHEDULE:

1. No alternates included as part of GMP No. 01.0



GMP Amendment A1.1.6: Schedule of Unit Prices

The following Schedule of Unit Prices identifies the unit prices bid as part of the GMP No. 01.0 Building Package for the Olentangy Local School District Elementary #2 School project:

1. Unit Price No. 01.0:
 - a. **Additional Site Gas Line:** A single unit price is to be bid for this work (“Site Gas Line”) and will be used to adjust the allowance up or down based on the actual lineal footage of allowance gas line authorized by the Construction Manager. The unit price is to include all work noted above. For clarification, the unit price will only apply to the authorized allowance quantities used and not for the customer service gas line shown on Sheet P1.01. The Contract Amount will be adjusted up or down based on the actual final authorized quantity.
\$57.32 Per lineal foot.
2. Unit Price No. 02.0:
 - a. **Additional Primary Electrical Service Conduit Bank:** A single unit price is to be bid for this work (“Additional Primary Electric Service Conduit Bank”) and this same unit price will be used to adjust the allowance up or down based on the actual lineal footage of allowance primary conduit authorized by the Construction Manager. The unit price is to include all work noted above. For clarification, the unit price will only apply to the authorized allowance quantities used in addition to the primary electric service conduit shown on Sheet E2.01. The Contract Amount will be adjusted up or down based on the actual final authorized quantity.
\$98.17 Per lineal foot.
3. Unit Price No. 03.0:
 - a. **Additional Site Communications Conduit Bank:** A single unit price is to be bid for this work (“Additional Site Communications Conduit Bank”) and this same unit price will be used to adjust the allowance up or down based on the actual lineal footage of allowance communications conduit authorized by the Construction Manager. The unit price is to include all work noted above. For clarification, the unit price will only apply to the authorized allowance quantities used in addition to the site communications conduits shown on Sheet E2.01. The Contract Amount will be adjusted up or down based on the actual final authorized quantity.
\$82.33 Per lineal foot.
4. Unit Price No. 04.0:
 - a. **Additional Site Lighting Poles:** A single unit price is to be bid for this work (“Additional Site Lighting Poles”) and this same unit price will be used to adjust the allowance up or down based on the actual quantity of light poles authorized by the Construction Manager. The unit price is to include all work noted above. For clarification, the unit price will only apply to the authorized allowance quantities used and not for the quantity of site lighting poles shown on Sheet E2.01. The Contract Amount will be adjusted up or down based on the actual final authorized quantity.
\$7,800.00 Per site pole.

Please note that the above Unit Price amount(s) do not include any CMR Contingency or CMR Fee.



GMP Amendment A1.1.6: Schedule of Unit Prices



GMP Amendment Exhibit A3.1.2: Basis Documents

Robertson utilized the following documents to prepare GMP Amendment No. 01.0 Building Package for the Olentangy Local School District Elementary #2 School project:

Project Manual, prepared by Robertson Construction Services, dated August 15, 2022.

Technical Specifications, prepared by Fanning Howey Architects, dated July 20, 2022, which include:

DIVISION 00 PROJECT MANUALS

00 01 01	Project Title Page (F/H)
00 01 05	Certifications Page (F/H)
00 01 10	Table of Contents (F/H)
00 01 10	Table of Contents (RCS)
00 11 16	Notice to Bidders (RCS)
00 21 13	Instructions to Bidders (RCS)
00 26 00.00	Procurement Substitution Procedures (F/H)
00 26 00.01	Substitution Request Form (During Procurement) (F/H)
00 31 13	Tentative Construction Timeline (RCS)
00 31 14	Site Logistics Plan (RCS)
00 41 13	Bid Form (RCS)
00 45 00	Prequalification Form (RCS)
00 52 13	Subcontract Exhibit A – Robertson Subcontract Agreement (RCS)
00 73 19	Site Specific Safety Requirements (RCS)

DIVISION 01 GENERAL REQUIREMENTS (Fanning Howey Documents Unless Noted Otherwise)

01 10 00	Summary
01 10 00	Early Procurement Provision (RCS)
01 11 00	Work Descriptions (RCS)
01 12 00	Bid Package Descriptions (RCS)
01 21 00	Allowances
01 25 00 00	Substitution Procedures
01 25 00 01	Substitution Request Form
01 26 00 00	Contract Modification Procedures
01 26 00 54	Proposal Worksheet Detail
01 29 00	Payment Procedures
01 31 00 00	Project Management and Coordination
01 31 00 13	Coordination Certification
01 31 00 15	Request for Interpretation
01 32 00 00	Construction Progress Documentation
01 33 00 00	Submittal Procedures
01 33 00 03	Digital Data Licensing Agreement AIA Document C106-2013
01 40 00	Quality Requirements
01 42 00	References



GMP Amendment Exhibit A3.1.2: Basis Documents

01 45 23 13	Concrete Floor Moisture Content and PH Testing
01 50 00 00	Temporary Facility and Controls
01 60 00 00	Product Requirements
01 73 00	Execution
01 74 00	Construction Cleaning
01 77 00	Closeout Procedures
01 78 23	Operation and Maintenance Data
01 78 39	Project Record Documents
01 79 00	Demonstration and Training

DIVISION 03 CONCRETE

03 06 30 01	Concrete Schedule
03 06 30 02	Typical Slab Depression Legend
03 06 30 03	Concrete Mix Design Submittal
03 30 00	Cast-In-Place Concrete
03 41 13	Pre-cast Concrete Hollow Core Planks

DIVISION 04 MASONRY

04 20 00 00	Unit Masonry
04 20 00 01	Masonry Inspection Report
04 72 00	Cast Stone Masonry

DIVISION 05 METALS

05 12 00	Structural Steel Framing
05 21 00	Steel Joist Framing
05 31 00	Steel Decking
05 40 00	Cold-Formed Metal Framing
05 50 00	Metal Fabrications
05 51 00	Metal Stairs
05 52 13	Pipe and Tube Railings

DIVISION 06 WOOD, PLASTICS, AND COMPOSITES

06 10 00	Rough Carpentry
06 16 00	Sheathing
06 20 23	Interior Finish Carpentry
06 41 16	Plastic- Laminate-Faced Architectural Cabinets

DIVISION 07 THERMAL AND MOISTURE PROTECTION

07 21 53	Miscellaneous Thermal Insulation
07 25 00	Weather Barriers
07 27 23	Boardstock Air Barrier



GMP Amendment Exhibit A3.1.2: Basis Documents

07 41 13 16	Standing Seam Metal Roof Panels
07 41 13 23	Metal Composite Material Wall Panels
07 54 00	Thermoplastic Membrane Roofing
07 54 01	Induction Fastening System for Thermoplastic Membrane Roofing
07 71 00	Roof Specialties
07 72 00	Roof Accessories
07 81 00	Applied Fireproofing
07 81 23	Intumescent Fireproofing
07 84 13	Penetration Firestopping
07 84 43	Joint Firestopping
07 92 00	Joint Sealants
07 92 19	Acoustical Joint Sealants
07 95 13.13	Interior Expansion Joint Cover Assembly

DIVISION 08 OPENINGS

08 11 13	Hollow Metal Doors and Frames
08 13 16	Aluminum Doors
08 14 16	Flush Wood Doors
08 31 13	Access Doors and Frames
08 33 13	Coiling Counter Doors
08 41 13	Aluminum-Framed Entrances and Storefronts
08 51 13	Aluminum Windows
08 71 00	Door Hardware
08 80 00	Glazing

DIVISION 09 FINISHES

09 06 20 13	List of Finishes Exterior
09 21 16 00	Gypsum Board Assemblies
09 30 00	Tiling
09 51 13	Acoustical Panel Ceilings
09 64 66 00	Wood Athletic Flooring
09 65 13	Resilient Base and Accessories
09 65 16	Resilient Sheet Flooring
09 65 19	Resilient Tile Flooring
09 68 13	Tile Carpeting
09 75 19	Marble Window Stools
09 84 00	Acoustical Wall Treatment
09 84 05	Abuse- Resistant Acoustical Panels
09 84 53	Sound Barrier Mullion Trim Cap
09 91 13	Exterior Painting
09 91 23 00	Interior Painting
09 93 00	Staining and Transparent Finishing
09 96 00	High-Performance Coatings

DIVISION 10 SPECIALTIES



GMP Amendment Exhibit A3.1.2: Basis Documents

10 11 00	Visual Display Units
10 12 00 00	Display Cases
10 13 00 16	Exterior Directories
10 14 16	Plaques
10 14 19	Dimensional Letter Signage
10 14 23 13	Exterior Panel Signage
10 14 23 16	Interior Panel Signage
10 21 13 19	Solid Polymer Toilet Compartments
10 21 23	Cubicles
10 22 33	Accordion Folding partitions
10 23 39	Operable (Folding Panel) Partitions
10 28 00	Toilet, Bath, and Laundry Accessories
10 41 16	Lock Box
10 43 13	Defibrillator Cabinets
10 44 13	Fire Extinguisher Cabinets
10 44 16	Fire Extinguishers
10 51 13	Metal Lockers
10 75 00	Flag Poles

DIVISION 11 EQUIPMENT

11 05 13	Common Motor Requirements for Equipment
11 13 13	Loading Dock Equipment
11 31 00 00	Residential Appliances
11 40 00	Food Service Equipment
11 51 23	Library Stack System
11 52 13 00	Front Projection Screens
11 58 00	Art Room Equipment
11 61 43	Stage Curtains
11 66 00	Athletic Equipment

DIVISION 12 FURNISHINGS

12 32 16	Manufactured Plastic-Laminate-Faced Casework
12 48 13	Entrance Carpet Tile

DIVISION 21 FIRE PROTECTION

21 05 01	Basic Fire Suppression Requirements
21 05 02	Agreement and Waiver for Use of Electronic Files
21 05 02 A	Electronic Files- HEAPY Release Form to Contractors
21 05 04	Basic Fire Suppression Materials and Methods
21 05 05	Firestopping
21 05 07	Piping Materials and Methods for Fire Suppression
21 05 19	Meters and Gauges for Fire Suppression Piping



GMP Amendment Exhibit A3.1.2: Basis Documents

21 05 29	Hangers and Supports for Fire Suppression Piping
21 05 53	Identification on Fire Suppression Piping and Equipment
21 13 12	Fire Suppression Piping
21 13 13	Fire Suppression Sprinkler System

DIVISION 22 PLUMBING

22 05 01	Basic Plumbing Requirements
22 05 02	Agreement and Waiver for Use of Electronic Files
22 05 02 A	Electronic Files- HEAPY Release Form to Contractors
22 05 04	Basic Plumbing Materials and Methods
22 05 05	Firestopping
22 05 07	Piping Materials and Methods
22 05 09	Excavation, Backfill and Surface Restoration
22 05 13	Electrical Requirements For Plumbing Equipment
22 05 19	Meters and Gages for Plumbing Piping
22 05 23	General Duty Valves for Plumbing Piping
22 05 29	Hangers and Supports for Plumbing Piping and Equipment
22 05 30	Bases and Supports for Plumbing Equipment
22 05 53	Identification for Plumbing Piping and Equipment
22 07 19	Plumbing Piping Insulation
22 10 10	Facility Gas Piping
22 10 12	Interior Gas Piping
22 11 16	Interior Domestic Water Piping
22 11 19	Interior Domestic Water Piping Specialties
22 13 16	Interior Drainage and Vent Systems
22 13 19	Drainage Systems Special Ties
22 33 00	Domestic Water Heater High Efficiency- Condensing
22 42 00	Plumbing Fixtures

DIVISION 23 MECHANICAL

23 05 01	Basic HVAC Requirements
23 05 02	Agreement and Waiver for Use of Electronic Files
23 05 02 A	Electronic Files- HEAPY Release Form to Contractors
23 05 04	Basic HVAC Materials and Methods
23 05 05	Firestopping
23 05 07	Piping Materials and Methods
23 05 09	Excavation, Backfill and Surface Restoration
23 05 13	Electrical Requirements for HVAC Equipment
23 05 14	Adjustable Frequency Motor Controller
23 05 17	Expansion Loops for HVAC Piping Systems
23 05 19	Gauges and Make-up Meters
23 05 23	General-Duty Valves for HVAC Piping
23 05 29	Hangers and Supports for HVAC Piping
23 05 30	Bases and Supports for HVAC Equipment
23 05 31	HVAC Equipment Drives
23 05 49	Vibration Control for HVAC



GMP Amendment Exhibit A3.1.2: Basis Documents

23 05 50	Flexible HVAC Pipe Connectors
23 05 53	Identification for HVAC Piping and Equipment
23 05 93	Testing, Adjusting, and Balancing for HVAC
23 07 13	Duct Insulation
23 07 16	HVAC Equipment Insulation
23 07 19	HVAC Pipe Insulation
23 09 23	Building Automation System for HVAC
23 09 25	Instrumentation and Control Devices for HVAC
23 09 47	Control Power and Wiring for HVAC
23 09 93	Sequence of Operations for HVAC Controls
23 21 13	Hydronic Piping
23 21 14	Expansion Tanks (Pressurized Diaphragm- Bladder)
23 21 17	Glycol Solution Systems
23 21 23	Hydronic Pumps
23 23 00	Refrigerant Piping (Small System)
23 25 00	Water Treatment System
23 31 13	HVAC Ductwork
23 33 00	Air Duct Accessories
23 34 00	HVAC Fans
23 34 23	HVAC Gravity Roof Ventilators
23 36 16	Air Terminal Units (VAV Reheat and Shutoff) (Electronic)
23 37 00	Air Outlets and Inlets
23 41 00	Air Filters
23 52 20	Hot Water High Efficiency Condensing Boilers
23 64 27	Rotary- Screw Water Chillers (Air Cooled)
23 73 00	Modular Air-Handling Units
23 82 19	Fan Coil Units
23 82 39	Unit Heaters (Cabinet Propellers)

DIVISION 26 ELECTRICAL

26 00 50	General Electrical Requirements
26 05 05	Electrical Testing
26 05 19	Low-voltage Electrical Power Conductors and Cables
26 05 26	Grounding and Bonding for Electrical Systems
26 05 29	Hangers and Supports for Electrical Systems
26 05 33	Conduits and Boxes for Electrical Systems
26 05 43	Underground Ducts and Raceways for Electrical Systems
26 05 53	Identification for Electrical Systems
26 05 73	Power System Studies
26 09 23	Lighting Control Devices
26 22 00	Low-voltage Transformers
26 24 13	Switchboards
26 24 16	Panelboards
26 27 26	Wiring Devices
26 28 13	Fuses



GMP Amendment Exhibit A3.1.2: Basis Documents

26 28 16	Enclosed Switches and Circuit Breakers
26 29 13	Enclosed Controllers
26 33 23	Battery Inverter Equipment
26 51 00	Interior Lighting
26 56 00	Exterior Lighting

DIVISION 27 COMMUNICATIONS

27 05 00	Basic Communications Requirements
27 05 03	Technology System Warranties and Guarantee
27 05 04	Communication Systems Submittals
27 05 10	Agreement and Waiver for Use of BIM Files
27 05 20	Basic Communication Materials and Methods
27 05 25	Firestopping
27 05 26	Grounding and Bounding for Communication Systems
27 05 28	Pathways for Communication Systems
27 05 29	Hangers and Supports for Communication Systems
27 05 36	Cable Trays for Communication Systems
27 05 44	Sleeves and Seals for Communication Pathways and Cabling
27 05 53	Identification
27 08 01	Communication Systems Cable Testing
27 08 02	Documentation and Closeout for Tech and Security Systems
27 11 00	Communications Equipment Room Fittings
27 13 13	Communications Copper Backbone Cabling
27 13 23	Communication Fiber Backbone Cabling
27 15 13	Communications Copper Horizontal Cabling
27 41 19	Audio-Visual Equipment
27 51 21	Student Dining Audio Visual System
27 51 23	Central Sound System
27 51 24	Main Gym Audiovisual System
27 51 35	GPS Satellite Clock System

DIVISION 28 ELECTRONIC SAFETY AND SECURITY

28 05 00	Basic Electronic Safety and Security Requirements
28 05 20	Basic Electronic Safety and Security Materials and Methods
28 05 26	Grounding and Bounding for Electronic Safety and Security
28 05 28	Electronic Safety Security Systems Paths and Support Equipment
28 13 00	Access Control System
28 13 33	Door Entry Video Intercom System
28 16 00	Intrusion Detection System
28 21 00	Video Surveillance Cameras
28 23 00	Video Surveillance Systems
28 31 11	Digital, Addressable Fire Alarm system



GMP Amendment Exhibit A3.1.2: Basis Documents

Plans, prepared by Fanning Howey Architects, dated July 20, 2022 unless noted otherwise, which include the following drawings:

GENERAL

00	COVER SHEET
01	ABBREVIATIONS AND INDEX
G3.1	SITE PLAN
G4.2	DETAILS AND SECTIONS
G4.4	DETAILS AND SECTIONS

ARCHITECTURAL

A0.01	MASTER FLOOR PLAN
A0.02	CODE PLAN
A0.03	UL DETAILS
A0.04	UL DETIALS
A1.01	UNIT A- FIRST FLOOR ARCHITECTURAL PLAN
A1.02	UNIT B- FIRST FLOOR ARCHITECTURAL PLAN
A1.03	UNIT C- FIRST FLOOR ARCHITECTURAL PLAN
A1.04	UNIT D- FIRST FLOOR ARCHITECTURAL PLAN
A1.05	UNIT E- FIRST FLOOR ARCHITECTURAL PLAN
A1.06	ENLARGED TOILET ROOM PLANS
A1.07	ENLARGED TOILET ROOM PLANS
A1.08	WALL TYPES
A1.09	TYPICAL DETAILS
A2.01	ROOF PLAN
A2.02	ROOF DETAILS
A3.01	BUILDING ELEVATIONS
A3.02	BUILDING ELEVATIONS
A4.01	BUILDING SECTIONS
A4.02	BUILDING SECTIONS
A5.01	WALL SECTIONS
A5.02	WALL SECTIONS
A5.03	WALL SECTIONS
A5.04	WALL SECTIONS
A5.05	WALL SECTIONS
A6.01	DOOR AND FRAME TYPES
A6.02	FRAME DETAILS
A6.03	FRAME DETAILS
A6.04	FRAME DETAILS
A6S.01	DOOR AND FRAME SCHEDULE
A7.00A	CASEWORK SCHEDULE & LIST OF FINISHES
A7.00B	INTERIOR SIGN TYPES
A7.00C	EQUIPEMENT DETAILS
A7.01	UNIT A- FIRST FLOOR EQUIPMENT PLAN
A7.02	UNIT B- FIRST FLOOR EQUIPMENT PLAN



GMP Amendment Exhibit A3.1.2: Basis Documents

A7.03	UNIT C- FIRST FLOOR EQUIPMENT PLAN
A7.04	UNIT D- FIRST FLOOR EQUIPMENT PLAN
A7.05	UNIT E- FIRST FLOOR EQUIPMENT PLAN
A7.06	CASEWORK ELEVATIONS
A7.07	CASEWORK ELEVATIONS
A7.08	CASEWORK ELEVATIONS
A7.09	CASEWORK ELEVATIONS
A7.10	CASEWORK ELEVATIONS
A7.11	CASEWORK ELEVATIONS
A7.12	PLASTIC LAMINATE FACED ARCHITECTURAL CABINETRY – DIV. 06 – CUSTOM CASEWORK A8.00A
A8.00A	LIST OF FINISHES
A8.00B	FLOOR TRANSITION DETAILS
A8.01	UNIT A- FIRST FLOOR FINISH PLAN
A8.02	UNIT B- FIRST FLOOR FINISH PLAN
A8.03	UNIT C- FIRST FLOOR FINISH PLAN
A8.04	UNIT D- FIRST FLOOR FINISH PLAN
A8.05	UNIT E- FIRST FLOOR FINISH PLAN
A8.06	INTERIOR ELEVATIONS
A9.01	UNIT A- FIRST FLOOR REFLECTED CEILING PLAN
A9.02	UNIT B- FIRST FLOOR REFLECTED CEILING PLAN
A9.03	UNIT C- FIRST FLOOR REFLECTED CEILING PLAN
A9.04	UNIT D- FIRST FLOOR REFLECTED CEILING PLAN
A9.05	UNIT E- FIRST FLOOR REFLECTED CEILING PLAN
A10.01	VERTICAL CIRCULATION

STRUCTURAL

S0.01	GENERAL STRUCTURAL INFORMATION
S0.02	GENERAL STRUCTURAL INFORMATION
S1.01	UNIT A- FOUNDATION PLAN
S1.02	UNIT B- FOUNDATION PLAN
S1.03	UNIT C- FOUNDATION PLAN
S1.04	UNIT D- FOUNDATION PLAN
S1.05	UNIT E- FOUNDATION PLAN
S1.06	SLAB PLAN
S2.01	FOUNDATION DETAILS
S2.02	FOUNDATION DETAILS
S3.01	WALL AND LINTEL PLAN
S4.01	WALL AND LINTEL DETAILS
S5.01	UNIT A- ROOF FRAMING PLAN
S5.02	UNIT B- ROOF FRAMING PLAN
S5.03	UNIT C- ROOF FRAMING PLAN
S5.04	UNIT D- ROOF FRAMING PLAN
S5.05	UNIT E- ROOF FRAMING PLAN
S5.06	MEZZANIN AND OP- WALL FRAMING PLAN
S6.01	COLUMN SCHEDULE AND DETAIL
S6.02	FRAMING ELEVATION AND DETAILS
S7.01	FRAMING DETAILS
S7.02	FRAMING DETAILS



GMP Amendment Exhibit A3.1.2: Basis Documents**S7.03 FRAMING DETAILS****FOOD SERVICE**

FS1.01	FOOD SERVICE EQUIPMENT PLAN
FS2.01	FOOD SERVICE MECHANICAL PLAN
FS3.01	FOOD SERVICE ELECTRICAL PLAN
FS4.01	FOOD SERVICE VENTILATION DETAILS
FS4.02	FOOD SERVICE VENTILATION DETAILS
FS5.01	FOOD SERVICE WALK-IN DETAILS
FS5.02	FOOD SERVICE WALK-IN DETAILS
FS6.01	FOOD SERVICE FABRICATION DETAILS
FS7.01	FOOD SERVICE SERVING LINE COUNTER DETAILS

PLUMBING

P0.01	LEGEND AND INDEX
P0.02	SCHEDULE AND DETAILS
P1.01	PLUMBING SITE PLAN
P2.01	UNIT A PLUMBING PLAN
P2.02	UNIT B PLUMBING PLAN
P2.03	UNIT C PLUMBING PLAN
P2.04	UNIT D PLUMBING PLAN
P2.05	UNIT E PLUMBING PLAN
P3.01	ENLARGED KITCHEN- MECHANICAL ROOM PLAN
P4.01	SOIL WASTE AND VENT DIAGRAM- UNITS A&B
P4.02	SOIL WASTE AND VENT DIAGRAM- UNIT B
P4.03	SOIL WASTE AND VENT DIAGRAM- UNIT C
P4.04	SOIL WASTE AND VENT DIAGRAM- UNITS D&E

MECHANICAL

M0.01	LEGEND, INDEX AND GENERAL NOTES
M0.02	DETAILS
M0.03	DETAILS
M0.04	SCHEDULES
M0.05	SCHEDULES
M1.01	UNIT A HVAC PLAN
M1.02	UNIT B HVAC PLAN
M1.03	UNIT C HVAC PLAN
M1.04	UNIT D HVAC PLAN
M1.05	UNIT E HVAC PLAN
M2.01	ENLARGED MECHANICAL ROOM PLANS
M3.01	CONTROLS, LEGEND & AH CONTROLS
M3.02	CONTROLS, CHILLERS, BOILERS & TERMINAL UNIT

ELECTRICAL

E1.01	ELECTRICAL SYMBOL LEGEND
E1.02	ELECTRICAL DETAILS
E1.03	ELECTRICAL DETAILS
E2.01	SITE ELECTRICAL PLAN



GMP Amendment Exhibit A3.1.2: Basis Documents

E3.01	UNIT A- FIRST FLOOR FIRE ALARM PLAN
E3.02	UNIT B- FIRST FLOOR FIRE ALARM PLAN
E3.03	UNIT C- FIRST FLOOR FIRE ALARM PLAN
E3.04	UNIT D- FIRST FLOOR FIRE ALARM PLAN
E3.05	UNIT E- FIRST FLOOR FIRE ALARM PLAN
E4.01	UNIT A- FIRST FLOOR LIGHTING PLAN
E4.02	UNIT B- FIRST FLOOR LIGHTING PLAN
E4.03	UNIT C- FIRST FLOOR LIGHTING PLAN
E4.04	UNIT D- FIRST FLOOR LIGHTING PLAN
E4.05	UNIT E- FIRST FLOOR LIGHTING PLAN
E5.01	UNIT A- FIRST FLOOR POWER PLAN
E5.02	UNIT B- FIRST FLOOR POWER PLAN
E5.03	UNIT C- FIRST FLOOR POWER PLAN
E5.04	UNIT D- FIRST FLOOR POWER PLAN
E5.05	UNIT E- FIRST FLOOR POWER PLAN
E6.01	FOOD SERVICE POWER PLAN
E6.02	MECHANICAL ROOM POWER PLAN
E7.01	ELECTRICAL SINGLE LINE DIAGRAM
E8.01	LUMINAIRE SCHEDULES
E8.02	PANELBOARD SCHEDULES
E8.03	PANELBOARD SCHEDULES
E8.04	PANELBOARD SCHEDULES

TECHNOLOGY

T0.01	TECHNOLOGY LEGENDS
T0.02	TECHNOLOGY NOTES
T0.03	TECHNOLOGY FACE PLATE DETAILS
T0.10	TECHNOLOGY SITE PLAN
T0.11	FIRST & SECOND FLOOR ZONES AND CABLE PATHWAY PLAN
T1.01	UNIT A- FIRST FLOOR TECHNOLOGY PLAN
T1.02	UNIT B- FIRST FLOOR TECHNOLOGY PLAN
T1.03	UNIT C- FIRST FLOOR TECHNOLOGY PLAN
T1.04	UNIT D- FIRST FLOOR TECHNOLOGY PLAN
T1.05	UNIT E- FIRST FLOOR TECHNOLOGY PLAN
T1.06	UNIT C AND D- SECOND FLOOR TECHNOLOGY PLAN
T2.01	UNIT A- FIRST FLOOR SECURITY PLAN
T2.02	UNIT B- FIRST FLOOR SECURITY PLAN
T2.03	UNIT C- FIRST FLOOR SECURITY PLAN
T2.04	UNIT D- FIRST FLOOR SECURITY PLAN
T2.05	UNIT E- FIRST FLOOR SECURITY PLAN
T2.06	UNIT C AND D- SECOND FLOOR SECURITY PLAN
T3.01	TECHNOLOGY ROOMS AND ELEVATIONS
T4.01	TECHNOLOGY DETAILS
T4.02	TECHNOLOGY DETAILS
T4.03	TECHNOLOGY DETAILS
T4.04	TECHNOLOGY DETAILS
T4.05	TECHNOLOGY DETAILS
T4.06	TECHNOLOGY DETAILS



GMP Amendment Exhibit A3.1.2: Basis Documents

T4.07 TECHNOLOGY DETAILS
T5.01 TECHNOLOGY SECURITY SCHEDULES

Addendum No. 01.0, dated August 29, 2022

11 items, 2 pages prepared by Fanning Howey Architects,

Robertson Construction Information Included:

Pre-Bid Meeting Minutes

Material Status Log

Submittal Log

Robertson Clarifications

Prebid RFI's 1-11 with answers

Substitution approval for Accordion Folding Partitions, Operable Partitions

Bid package work descriptions re-issued for Plumbing and Electrical

Revised Bid Form



GMP Amendment Exhibit A3.1.5: Schedule of Allowances

The following Allowances are included within the GMP Amendment No. 01.0 Building Package for the Olentangy Local School District Elementary #2 School project:

1. **Allowance No. 01.0:** Additional Site Gas Line: An allowance of an additional 150 lineal feet of customer service gas line is to be included in the bid amount. This quantity is in addition to that shown on the Plumbing Site Plan Sheet P1.01 and may only be used at the direction of the Construction Manager. The price bid is to include all work specified and necessary for the installation of the gas line (excavation, disposition of spoil, backfill, compaction, etc.). It is the intent that this allowance be used to increase or decrease the length of the customer service line at the time of installation and not as a separate gas service.
\$8,598 Included as part of GMP No. 01.0
2. **Allowance No. 02.0:** Additional Primary Electrical Service Conduit Bank: An allowance of an additional 150 lineal feet of primary electric service conduit bank (one lineal foot bid is to include two lineal feet of specified conduit) is to be included in the lump sum bid amount. This quantity is in addition to that shown on the Site Electrical Plan Sheet E2.01 and may only be used at the direction of the Construction Manager. The price bid is to include all work specified and necessary for the installation of the primary conduits (excavation, disposition of spoil, backfill, compaction, pull rope, etc.). It is the intent that this allowance be used to increase the length of the primary service conduit bank at the time of installation and not as a separate primary service operation.
\$14,725.00 Included as part of GMP No. 01.0
3. **Allowance No. 03.0:** Additional Site Communications Conduit Bank: An allowance of an additional 150 lineal feet of site communication conduit bank (one lineal foot bid is to include two lineal feet of specified conduit) is to be included in the lump sum bid amount. This quantity is in addition to that shown on the Site Electrical Plan Sheet E2.01 and may only be used at the direction of the Construction Manager. The price bid is to include all work specified and necessary for the installation of the communications conduits (excavation, disposition of spoil, backfill, compaction, inner ducts, etc.). It is the intent that this allowance be used to increase the length of the site communication conduits at the time of installation and not as a separate communication conduit operation.
\$12,350.00 Included as part of GMP No. 01.
4. **Allowance No. 04.0:** Additional Site Lighting Poles: An allowance of two additional site lighting poles is to be included in the lump sum bid amount. This quantity is in addition to that shown on the Site Electrical Plan Sheet E2.01 and may only be used at the direction of the Construction Manager. The price bid is to include all work specified and necessary for the installation of the additional light poles (excavation, disposition of spoil, backfill, compaction, pole foundation, grounding, vibration dampening, etc.) including 200 lineal feet of underground conduit and wire for each additional pole. It is the intent that this allowance be used to increase the quantity of the specified poles at the time of installation and not as a separate operation.
\$15,600.00 Included as part of GMP No. 01.



GMP Amendment Exhibit A3.1.6: Assumptions & Clarifications

The project is based on the following assumptions and clarifications for GMP Amendment No. 01.0 Building Package for the Olentangy Local School District Elementary #2 School project:

General Exclusions:

1. The following general scope items are not included as part of this GMP and are assumed to be by others or by Owner:
 - Design contingency
 - Builders Risk Insurance
 - Professional Liability Insurance (Unless specifically called out for an individual trade)
 - Remediation and removal of any contaminated materials
 - Building Permit
 - Health Department Permit
 - EPA/Storm Water Pollution Permit
 - Utility Service Charges
 - Utility Consumption for Gas, Water or Electric
 - Environmental Site Assessments
 - Geotechnical Site Investigation and soils testing
 - Material inspections & testing, including FF/FL testing on slabs
2. Any work associated with Tornado Shelters, which are not identified in the plans.
3. Any additional scope required from final building department permit approval that is not identified within the GMP documents.
4. Tap Fees, Utility Capacity Charges, Connection Charges, New Service Charges, or any other utility charge is not included.
5. Importing or exporting of soils from the site is excluded. It is assumed that all spoils from the site will be able to be utilized within the school property.
6. Custom colors of materials not specifically identified in the documents are not included.
7. Site utilities that may be needed, but not identified on drawings are not included.
8. The pad mount transformer, meter, meter wiring and underground electrical service cable shall be supplied by Power Company serving the school.
9. Lime or Chemical stabilization of soils is specifically excluded from this GMP. Drying of soil will be done via disking if it is determined that optimum moisture can be achieved through this method as determined by Owners testing company. If soil moisture levels can't be achieved after three attempts of disking (per area) additional compensation will be required.
10. Mass rock and utility rock excavation, rock blasting, chipping, hammering or excavation of any rock is excluded.
11. Additional well points and subsurface dewatering is excluded.
12. Removing, handling, testing of any hazardous materials.



GMP Amendment Exhibit A3.1.6: Assumptions & Clarifications

13. Costs for Testing and Inspections, including Code-Required Special Inspections to be paid for by Owner. Exclude costs for additional samples, tests, and inspections required by contractor beyond specified requirements, due to no fault of the contractor. Does not exclude participation and assistance to complete any special inspection requirements per General Conditions. Specific testing and testing reports included within specification sections as part of a submittal is included.
14. We do not have a dedicated telephone line in the field office included.
15. Sanitary and water connection to the proposed mains is to be by others and not included as part of this GMP.
16. Pond Liners are excluded.

Clarifications:

1. This GMP represents the full and complete scope of work associated with the Olentangy Elementary School Elem No. 1 Building. This GMP combined with GMP No. 02.0 Exterior Work will complete the necessary scope of work for the New Elementary No. 02.0:
2. Project is a non-prevailing wage and is sales tax exempt.
3. Project Notice to Proceed to be issued no later than October 7, 2022 based on Board Approval at the October 6, 2022 Board Meeting.
4. Material delays beyond our control may occur due to the current Supply chain situations within the Industry. We reserve the right to modify our schedule due to any changes or increases in lead times that are outside our control.
5. Commissioning is included but only as an active participant; Cost of the Commissioning Agent is by others.
6. Our GMP is based on the assumption that the building fire water service is sufficient to provide flow and pressure as required in Specification Division 21. We do not have any enhancements to the water system, such as pumps, storage, etc., to boost the water system.
7. The gas service meter is being provided by others.. The primary electric service & transformer are being provided by others conduits for primary service are included as shown on drawings in this GMP(our work starts at the secondary side of the transformer). Fiber Service, Telco Service, and cable TV service is not included Conduits as shown on drawings are part of this GMP(our work starts at the building Demark). All service pulls are being provided by the others. The assumption with this GMP is that the Electrical Transformer, Gas Service Meter and Demark locations will not move from current drawing location as shown on drawings with final Site Design.
8. The storm and sanitary lines are to be brought to within five (5) feet of the building as part of the Sitework and Utilities Scope of Work in GMP No. 02.0. All storm and sanitary connections related to this GMP will be starting from five (5) foot outside the building to the interior.



GMP Amendment Exhibit A3.1.6: Assumptions & Clarifications

9. All costs for testing to be paid by the Owner. RCS will coordinate with Architect or directly with Owner provided testing company for required inspections.
10. Background check requirements of construction personnel is not included as part of this GMP. If Co-owners elect to set up a background check requirement for all construction staff, a mutually agreeable list of minimum requirements will need to be established. The cost of completing background checks is not included in the GMP.
11. Any tap fees, capacity charges, connection charges, new service charges, and/or utility charges of any kind for the building are not included with this GMP. Contractor trailer facilities are included as cost of the work.
12. It is our intention to install all anchor bolts via drill and epoxy method post footing placement.
13. Per specification 08 11 13 Hollow Metal Doors and Frames paragraph 2.11.H it states for a system performance to achieve an acoustical rating for door and frame assembly of minimum STC-35. Specification 08 14 16 Flush Wood Doors 2.3 D also has same requirements to achieve an STC rating of 40. However, floor plans and door schedule do not indicate any acoustical wood doors or frames. Acoustical wood doors and frames are not included in GMP.
14. Per specification section 07 27 23 Boardstock Air Barrier we have excluded the ABBA installation requirements for testing and inspections by ABBA.
15. Per specification 09 21 16.00-2 Gypsum Board Assemblies 1.8A.1.a No extended exposure gypsum board is included for interior work, areas will be enclosed prior to start of drywall hanging.
16. Per Specification section 09 51 13 Acoustical Panel Ceilings 1.8B Replacement stock. Material has been included but any labor to install/correct would be additional cost to the Owner.
17. Insulation adhesive between layers of insulation at roof has been excluded. The Roofing Contractor will be fastening system together with the roof fasteners that go through the insulation, coverboard and underlayment into the roof metal decking at low sloped PVC roofing and metal panel roofing (second layer of insulation is the nail board for metal panel roofing).
18. No rubber tile or rubber stair treads are included with this GMP.
19. Per specification 12 32 16 1.1.A.3 it states Stainless-Steel Countertops and Sills where indicated. None were found or included in this GMP as part of the casework. Stainless Steel countertops and sills provided in Kitchen through the kitchen equipment contractor.
20. Gymnasium wood floor does not include a logo, only stripes and line marks as shown.
21. This GMP does not include any Lightning Protection
22. This GMP does not include Data/Technology Head End equipment.
23. This GMP does not include manufacturer Switch Gear Training, this training will be provided by Accurate Electric.
24. This GMP does not include DAS System, or testing to determine if there is a need for the DAS System.



GMP Amendment Exhibit A3.1.6: Assumptions & Clarifications

25. Roofing includes a 6" stripe at perimeter of roof.
26. Insulation consists of 2" coated glass facer and 3" nailbase (2.5" polyiso/ CGF 5/8" plywood).
27. Field testing is not included at the completion of installation for the Aluminum storefront, curtainwall, and windows.
28. Only minor floor prep is included in the flooring contractor's proposal, including joint preparation and a light skim coat. No grinding of joints is included. Any curling of concrete slabs would be considered additional cost to the base GMP. This is conditioned that the concrete was installed per specification and meets all testing requirements when installed. Due to this being an unquantifiable condition we have elected all costs to be done as the condition presents itself in lieu of including an inflated cost in concrete or flooring contractors bid.
29. Floor Waxing and polish is not included as part of this GMP.
30. The wood flooring is by Action Floor Systems with 3rd and better grade maple.
31. The HVAC Control System is HEAT.
32. The electrical contractor is using Habitec Security.
33. Foundations will be earth formed.
34. Temporary heating and conditioning of building is not included as part of the CMR cost. The cost for Temporary Equipment (Heaters, Cooling Equipment, Dehumidification, etc.) to condition the building will be handled through an allowance set aside specifically for equipment and consumption.
35. This GMP is not complete without the additional site scope to be included as part of GMP No. 02.0 that will be completed with time for bidding and GMP approval at the Olentangy School Board Meeting in March 2023.
36. This GMP is inclusive of the building only. The only items included outside of the building itself are as listed below:
 1. Loading dock walls, steps and foundations only
 2. Flagpole
 3. School identification sign
 4. Electrical site plan E2.01 included for work shown on drawings and unit costs for any variations to this drawing will be additional or deductive costs per the unit costs provided for the specific items..
 5. Plumbing site plan P1.01 included for work shown on drawings and gas line unit costs for any variations to the gas line on this drawing will be additional or deductive costs. Note 12 for FDC line is not included as shown on this sheet. Excluding details for Water and fire lines as they are not included. Water and Fire lines are picked up inside the building. These lines will be turned up inside the building by future site contractor.
37. This GMP includes all CMR staffing cost for the duration of the project. CMR contingency and fee are included for the cost of work in this GMP only. GMP 2 will include contingency and fee only associated with the cost of work related to GMP 2 and no further staffing cost.



GMP Amendment Exhibit A3.1.6: Assumptions & Clarifications

38. This GMP includes all General Conditions cost for the duration of the project. CMR Bond and Insurance are included for the cost of work in this GMP only. GMP 2 will include CMR Bond and Insurance only associated with the cost of work related to GMP 2 and no further General Conditions cost.



GMP Amendment Exhibit A3.1.7: Project Estimate

Robertson assembled its costs within GMP Amendment No. 01.0 Main Building for the Olentangy Local School District Elementary School No. 02.0 project based on the following information:

1. Exhibit C1 – GMP Summary Worksheet
2. Exhibit C2 - Construction Stage Personnel and General Conditions Cost Development Proposal.



Olentangy Local School District
New Elementary No. 2 Exhibit A3.1.7
CM at Risk Worksheet GMP No. 01.0



	Preliminary Agreement	GMP Amendment No. 01.0 Elem. No. 2 Building	GMP Amendment No. 02.0 Elem No.2 Site	GMP Amendment 1 and 2 Totals	CMR Implementation Plan	Remaining Balance
Contract Sum	\$0.00	\$21,398,185.30	\$0.00	\$21,398,185.30	\$24,600,000.00	\$3,201,814.70
Cost of the Work	\$0.00	\$20,770,904.00	\$0.00	\$20,770,904.00	\$23,866,920.00	\$3,096,016.00
Personnel Costs	\$0.00	\$627,930.00	\$0.00	\$627,930.00	\$627,930.00	\$0
General Conditions Costs	\$0.00	\$227,334.00	\$0.00	\$227,334.00	\$237,864.00	\$10,530.00
Subcontracted Work	\$0.00	\$17,197,940.00	\$0.00	\$17,197,940.00	\$23,001,126.00	\$5,803,186.00
Self-performed Work	\$0.00	\$2,717,700.00	\$0.00	\$2,717,700.00	\$0.00	(\$2,717,700.00)
Pre-Construction Services	\$62,474.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CMR Contingency (1.00%)	\$0.00	\$207,709.04	\$0.00	\$207,709.04	\$241,080.00	\$33,370.96
CMR Fee (2.00%)	\$0.00	\$419,572.26	\$0.00	\$419,572.26	\$492,000.00	\$72,427.74
Construction Start on site		April 3, 2023	April 3, 2023			
Calendar Days		424	424			
Substantial Completion Date		May 31, 2024	May 31, 2024			

Description of Self-Performed Work			
BID PACKAGE #02 - Concrete	Robertson Construction Services	Add'l scope GMP #2	\$1,009,700
BID PACKAGE #05 - General Trades	Robertson Construction Services	Add'l scope GMP #2	\$1,708,000
		Total Self-Perform	\$2,717,700

Description of Subcontracted Work	CONTRACTOR	
BID PACKAGE #01 Sitework and Utilities	To be part of GMP No. 02.0	\$0
BID PACKAGE #03 - Masonry	AMC Masonry	\$2,045,250
BID PACKAGE #04 - Structural Steel	North Central Fabricators	\$1,715,667
BID PACKAGE #06 - Roofing	Kelly Brothers Roofing	\$2,030,000
BID PACKAGE #07 - Alum-Glass-Glazing	Buckeye Glass	\$457,600
BID PACKAGE #08 - M Framing-Drywall-ACT	OK Interiors	\$1,585,278
BID PACKAGE #09 - Flooring	Jones Schlater Flooring	\$578,253
BID PACKAGE #10 - Wood Flooring	Final Floor	\$55,982
BID PACKAGE #11 - Painting	Kendrick Mollenauer	\$197,522
BID PACKAGE #12 - Food Service Equipment	Polster	\$550,427
BID PACKAGE #13 - Casework	Stone Creek	\$605,798
BID PACKAGE #14 - Fire Suppression	Gutridge	\$291,924
BID PACKAGE #15 - Plumbing	In Combo Bid Package #20	\$0
BID PACKAGE #16 - HVAC	In Combo Bid Package #20	\$0
BID PACKAGE #17 - Electric, Securities, & Technology	Accurate Electric	\$2,868,689
BID PACKAGE #18 - Asphalt Paving	To be part of GMP No. 02.0	\$0
BID PACKAGE #19 - Surveying	Brumbaugh	\$17,050
BID PACKAGE # 20 Combination Plumbing & HVAC	Guenther Mechanical	\$3,998,500
Temporary Climate Control Allowance	To be Controlled by District	\$200,000
	Total Subcontracted work	\$17,197,940
		\$19,915,640

Olentangy Local School District
New Elementary Building No.2 GMP 01.0 Main Building
Construction Stage Personnel & General Conditions Cost Development
October 3, 2022

CONSTRUCTION STAGE PERSONNEL	HOURLY RATE	HOURS - MONTH	DURATION (Month)*	SUBTOTALS
Christian Robertson, Officer in Charge	\$0.00	0.0	0.0	\$0.00
Clay Keith, Project Executive	\$115.00	32.0	14.0	\$51,520.00
Dean Locher, Operations Manager	\$118.00	4.5	14.0	\$7,357.00
Ben Posey, Senior Project Manager	\$108.00	136.2	14.0	\$205,920.00
Mike Grady, Project Superintendent	\$68.00	179.5	14.0	\$170,907.00
Chad Lupher, Project Engineer	\$61.00	179.5	14.0	\$153,313.00
Remainder of RCS Staff	\$23,325.00	1.0	1.00	\$23,325.00
Scheduling Consultant	\$15,588.00	1.0	1.0	\$15,588.00
TOTAL CONSTRUCTION STAGE PERSONNEL				\$627,930.00

GENERAL CONDITIONS	UNIT COST	DURATION (Months)*	SUBTOTALS
Performance and Payment Bonds	\$128,765.00	1.0	\$128,765
Liability Insurance	\$47,755.00	1.0	\$47,755
Builder's Risk Insurance	\$0.00	0.0	\$0
Temporary Facilities - Trailers & Sanitary Facilities	\$1,299.57	14.0	\$18,194
Jobsite Trailer Utilities - (Monthly Expense)	\$220.00	14.0	\$3,080
Office and Janitorial Supplies/Furnishings & Equip.	\$135.00	14.0	\$1,890
Project Communications - Internet, Phones, & Photos	\$1,700.00	14.0	\$23,800
Office First Aid/Fire Protection/Safety/Signage	\$275.00	14.0	\$3,850
Project Site Progress & Final Cleaning	W/Trades	0.0	W/Trades
Dumpsters	W/Trades	0.0	W/Trades
Construction Fence/Access Points/ Wash out	W/Trades	0.0	W/Trades
TOTAL GENERAL CONDITIONS			\$227,334

Planned Duration - 14.0 Months (Complete construction duration)
General Conditions: April 3, 2022 - May 31, 2022
Future GMP #2 to carry remainder of Construction Bond and Liability insurance

Customer ("You" or "Customer")		
Olentangy Local School District	S Jenna McDevitt	<input type="checkbox"/> Proprietorship <input type="checkbox"/> Association <input type="checkbox"/> Partnership
Full Legal Name	Contact Name	<input type="checkbox"/> Municipality <input type="checkbox"/> Corporation <input type="checkbox"/> LLC
7840 Graphics Way	Lewis Center	OH 43035
Address	City	State Zip
740-657-4389	jenna_mcdevitt@olsd.us	31-6402332
Phone	E-mail	Federal ID #

This Gordon Flesch Company, Inc. Master Agreement by and between Gordon Flesch Company, Inc., a Wisconsin corporation, d/b/a GFC Consulting or GFC Leasing, with offices at 2675 Research Park Drive, Madison, WI 53711 ("GFC") and Olentangy Local School District, organized in the state of Oh, ("you" or "Customer"), is effective on the date executed by GFC.

- Agreement.** By signing this Gordon Flesch Company, Inc. Master Agreement, you agree to the terms herein plus any and all Master Agreement Acceptance Supplements ("Supplement(s)") executed by you now and in the future. Each Supplement will be in a form prescribed by GFC, and upon execution by you and GFC will constitute a part of this Agreement to the same extent as if they were set forth in full in this Agreement. This Agreement and all Supplements delivered with this Agreement and anytime thereafter, are collectively referred to herein as the "Agreement." The terms "Agreement", "hereof", "herein", and "hereunder", mean this Agreement together with each Supplement and each Service Level Agreement, addendum and schedule attached to any Supplement. Except as specifically provided in a particular Supplement, to the extent the terms and conditions of this Agreement are inconsistent with the terms and conditions of any Supplement, Service Level Agreement, addendum or schedule, the terms and conditions in this Agreement will prevail.
- Term.** The term of any particular Supplement which references this Agreement begins on the "First Payment Due Date" specified in that Supplement and continues for the term set forth in such Supplement. Except as otherwise provided in a particular Supplement, the term for a Supplement will be extended automatically, without notice, for successive month-to-month terms beyond the initial term unless you provide GFC written notice that you do not want to extend, at least one calendar month before the end of the scheduled term or any extension of the term for that Supplement. Payments for any extended term will be due as invoiced by GFC. This Agreement will remain effective until all Supplements subject to this Agreement have expired, or been terminated.
- Equipment.** If a Supplement includes equipment, the items of equipment and other personal property including hardware, parts, additions, and accessories incorporated or attached to the equipment, and software embedded in the equipment are collectively referred to herein as the "Equipment."
- Software.** If a Supplement includes software, embedded, installed or separate from the Equipment, including software-as-a-service, such software and the software license rights are also separately referred to herein as the "Software."
- GFC Services.** If a Supplement includes services provided by GFC, or by third party vendors ("GFC Partners"), including but not limited to, IT managed services, professional services, and cloud based data storage, such services are also collectively referred to herein as "GFC Services."
- Your Selections.** You acknowledge that although GFC may provide recommendations, you have selected (or will select) the type, size, design, model, capacity, quantity, functionality, manufacturer, licensor, and supplier of the Equipment, Software, GFC Services, and any other hardware or services referred to in each Supplement (collectively, the "Solutions"), on the basis of your own judgment, and that it meets provisions of any purchase order pursuant to which GFC has acquired title to the Solutions. Any purchase order issued by you to GFC regarding the Solutions is issued solely for purposes of your authorization and does not in any way supersede, modify or become a part of this Agreement or any Supplements.
- End User Agreements.** You acknowledge that installation and configuration of the Solutions commonly requires that you as the end user agree to certain end user license agreements, service level agreements, and related agreements (collectively, the "End User Agreements"). To that end, you hereby authorize GFC and GFC Partners to accept and/or agree to on your behalf, all such End User Agreements related to the Solutions that GFC or GFC Partners encounter while installing, configuring, supporting, and/or servicing the Solutions and your existing hardware and software. Solutions which require End User Agreements and a link to locate and review such End User Agreements are set forth on the applicable Supplement.
- Connectivity, Security.** It is your responsibility to provide adequate and secure connectivity to enable the Solutions to perform to your satisfaction. You acknowledge and agree that GFC does not guarantee or warrant the quality, speed, security or uninterrupted availability of the Solutions as it relates to the connectivity provided by you. You acknowledge that the communications lines used to access the Solutions are provided by you and a third party public utility or by private companies over which GFC has no control, and that the security of data transmission over such lines to provide the Solutions is not the responsibility of GFC. Accordingly, except to the extent caused directly by the reckless or willful misconduct of a GFC employee but subject to the limitations of liability in this Agreement, GFC will have no liability to you arising from or related to the transmission or lack of transmission of data over the communications lines used to access the Solutions, or for any attempted or actual access, modification, damage, loss, deletion, misappropriation, or compromise of any data in connection with the Solutions. You agree to refrain from any act or omission which disrupts, inhibits or

prevents the effectiveness, or operation of the Solutions provided by GFC and GFC Partners, including without limitation, Solutions for virus protection, data backup and IT managed services.

9. **Your Data.** You acknowledge that although GFC may provide recommendations, you agree that the responsibility of acquiring tools for managing, storing, backing up, and securing data, which include the Solutions you obtain from GFC and GFC Partners, is with the owner of such data. Furthermore, you acknowledge and agree that in the use of the Solutions, including but not limited to the transmission and storage of data, that despite every effort by you, GFC and GFC Partners to minimize risk, there remains a risk that your data may be accessed, modified, damaged, lost, deleted, misappropriated, or compromised by willful attack or otherwise and perhaps not be recoverable ("Data Breach"). To that end, in the event of any Data Breach, you acknowledge and agree that GFC will have no liability to you related to any such Data Breach, except to the extent caused directly by the reckless or willful misconduct of a GFC employee, but subject to the limitations of liability in this Agreement. GFC will endeavor to assist you in the recovery and restoration of such data at your sole cost.
10. **Data Back Up.** GFC and GFC Partners may install and/or configure the Solutions and/or your existing hardware and software on your computer(s), computer network and/or other office equipment and you acknowledge that it is advisable for you to back up all data on your computer equipment that you deem necessary prior to such installation and/or configuration. If data backup is not included in a Solution, you acknowledge that it is advisable to back up all data on your computer equipment on at least a daily basis following installation.
11. **Payments.** You agree to timely pay GFC all payments when due, as set forth in each Supplement, every calendar month, quarterly, annually or as otherwise stated therein, until all such payments have been made. All payment obligations herein are collectively referred to as the "Payments." You agree to make Payments in advance as invoiced by GFC. You also agree to pay prorated amounts for any partial billing period for the number of days between the Commencement Date and First Payment Due Date as those terms are defined in each Supplement.
12. **Late Payments.** If you fail to pay any part of a Payment or any other sum to GFC within ten (10) days after the due date thereof you agree to pay GFC a late fee of 5% of the overdue amount plus accrued interest on the late payment from the expiration of said ten (10) days until paid, at a rate equal to the lesser of 1.5% per month or the highest legal rate permitted.
13. **Fees and Taxes.** You agree to pay when due, all applicable fees and taxes (including but not limited to, personal property tax, sales or use tax), imposed in connection with this Agreement and the Solutions provided to you. To the extent any state or other governmental entity, assesses or otherwise imposes taxes or fees arising from this Agreement, you will reimburse GFC for such sums upon demand. Any duplication of such fee or tax payments by GFC and you are your responsibility.
14. **Security Deposit.** The security deposit set forth in any Supplement will be held by GFC and does not earn interest unless required by law. If you default hereunder, or the Equipment is damaged, GFC may apply the security deposit to cure such default or repair such damage, and you will restore the security deposit upon demand. When you have met all requirements of this Agreement as of the expiration or termination of the latest to expire Supplement, any remaining security deposit will be returned to you.
15. **Delivery and Acceptance.** GFC agrees to purchase the Solutions from a supplier but assumes no liability in connection with the Solutions, or other services provided or delivery thereof by a third party. Delay in delivery of the Solutions does not affect the validity of this Agreement. You will inspect the Solutions and provide GFC with written notice specifying any claimed defect or omission within five (5) business days of installation and implementation of the Solutions. If you do not timely provide such notice, you acknowledge that you accept the Solutions and are satisfied that the Solutions are in good condition and in the proper configuration.
16. **Default and Cross Default.** If you fail to pay any amount herein when it is due, or fail to timely perform any other obligation as required herein, or if you suspend business, become insolvent, enter into or petition for a creditors' arrangement, or if a receiver is appointed for any of your property, or if you are in default under any other agreement with GFC or any End User Agreement, you will then be in default pursuant to this Agreement and any other agreements with GFC. Upon default, the Accelerated Payment (defined below) will become immediately due and owing and GFC will have all rights and remedies available to it, including but not limited to, the right to exercise any or all of the following remedies: (i) terminate your right to possession of any or all items of the Equipment and Software in any Supplement; (ii) take possession of any or all items of Equipment and Software; (iii) suspend or terminate your use or access to GFC Services; (iv) sell or lease the Equipment at public or private sale; or (v) terminate this Agreement. In the event GFC takes possession of the Equipment and Software, terminates this Agreement, or your right to possession, use of, or access to some or all of the Solutions, you will remain liable to GFC for the Accelerated Payment less the net sale proceeds realized by GFC from the Equipment. All rights and remedies of GFC are cumulative and in addition to every other right and remedy available to GFC. In addition to the Accelerated Payment and all other amounts, you agree to pay all reasonable attorneys' fees, costs and expenses incurred by GFC arising from your default.
17. **No Offsets, Accelerated Payment.** You hereby agree not to exercise all existing and future claims and offsets against any Payments due hereunder, and agree to pay all amounts due hereunder regardless of any such claims or offsets. You and GFC agree that the "Accelerated Payment" is a reasonable calculation of damages, is not a penalty, and will be calculated by GFC as follows: the sum of (i) all past due and all other amounts owed by you to GFC under this Agreement; (ii) the residual value of the Equipment as determined by GFC in its reasonable discretion, if you do not timely return the Equipment to GFC; and (iii) all remaining Payments for the term of this Agreement.
18. **Data Access, Return.** The Solutions, including but not limited to cloud data storage, may contain sensitive data regarding your business, clients or employees ("Stored Data"). If you fail to pay or are otherwise in default pursuant to this Agreement, GFC may suspend or deny your access to the Stored Data. At your request, upon expiration or termination of this Agreement or expiration or termination of any Supplement or GFC Service, GFC will submit to you a cost estimate for the return of the Stored Data. You expressly acknowledge and agree that GFC has no duty or obligation of any kind to preserve, maintain or in any way prevent deletion of the

Stored Data contained in the Solutions provided or supplied to you pursuant to a particular Supplement, beyond the expiration or termination of such Supplement.

19. **Data Removal.** Upon expiration or termination of a Supplement, Equipment that is subject to such Supplement may contain Stored Data. You expressly acknowledge and agree that before you remove the Equipment from your location, ship the Equipment, GFC retrieves the Equipment, or the Equipment is removed from your premises by a third party, you will at your sole cost, permanently remove and delete all Stored Data in the Equipment, to the extent that recovery of such Stored Data is not possible. All hard drives and other data retention devices in the Equipment must function in the same manner following removal and deletion of the Stored Data. You assume liability for and agree to indemnify, defend and hold GFC harmless from and against all claims, losses, costs, expenses, damages, penalties and liabilities arising from or pertaining to your failure to remove such Stored Data from the Equipment. To the extent you fail to remove and delete any of the Stored Data, you hereby authorize GFC to remove and delete the Stored Data, but acknowledge and agree that GFC has no obligation to do so. In the event GFC temporarily loans Equipment to you, it is subject to this Agreement.
20. **Software License.** GFC is not the owner nor licensor of any Software subject to this Agreement. To the extent described in any Supplement, GFC will provide support for and configuration of the Software but has no obligation to modify or customize the Software beyond readily configurable features. A default by the licensor of any Software pursuant to any Software license, or a default by any provider of GFC Services or by a GFC Partner, does not constitute a default by GFC and will not relieve you of your obligations hereunder. The Software is subject to this Agreement, notwithstanding any provisions to the contrary in the Uniform Commercial Code ("UCC").
21. **Non-Waiver.** No covenant or condition of this Agreement can be waived without the other party's written consent. Forbearance or indulgence by a party does not constitute a waiver of the other party's obligation to perform pursuant to this Agreement.
22. **Non-Cancellable.** This Agreement is non-cancellable by you for the full term hereof and you will make all Payments required by this Agreement, even if your right to the benefit of the Solutions, or your use or possession of the Solutions, has been terminated or otherwise affected. Payments will not abate for any reason. Notwithstanding anything herein to the contrary, if Customer is a municipality or other governmental entity, and funds are not appropriated for any portion of the term of a Supplement subject hereto, you may terminate this Agreement with respect to such Supplement at the end of the time period for which funds have been appropriated.
23. **Assignment.** You will not (a) assign, transfer, pledge or hypothecate this Agreement, the Solutions, or (b) permit the Solutions to be used by anyone other than you or your employees. GFC may assign this Agreement or a portion thereof, and the assignee will be entitled to all of the benefits of this Agreement.
24. **Privacy.** Your privacy is important to GFC. The Gordon Flesch Company, Inc. Privacy Policy, located at www.gflesch.com/terms-and-conditions, governs the manner in which GFC handles the information you provide to GFC.
25. **Notices.** Service of all notices under this Agreement will be sufficient if given personally, sent by first class mail, to the party involved at its respective address as stated herein, or at such address as such party may provide in writing from time to time. Notice will be deemed delivered and effective: (a) on the date when personally delivered; or (b) on the date when deposited in the United States mail, duly addressed with first class postage to affect such delivery. GFC may also elect to provide you with notice via email, which will be effective on the date sent by GFC. Notice to GFC must be directed to the address above to the attention of the Vice President of Leasing.
26. **Modification.** Neither this Agreement nor any Supplement, schedule, addendum or rider can be modified or amended except by written agreement signed and currently dated by you and GFC.
27. **WARRANTIES AND DISCLAIMERS. YOU WILL HAVE THE BENEFIT OF ALL MANUFACTURERS', LICENSORS' AND OTHER THIRD PARTY SERVICE PROVIDERS' PROMISES AND WARRANTIES, IF ANY, TO THE EXTENT THEY APPLY TO YOU. EXCEPT AS OTHERWISE PROVIDED HEREIN, GFC AND GFC PARTNERS MAKE NO WARRANTIES, ORAL OR WRITTEN, EXPRESS, IMPLIED, OR STATUTORY, OF ANY KIND OR NATURE WITH RESPECT TO THE SOLUTIONS, INCLUDING, WITHOUT LIMITATION, WARRANTIES AS TO THE CONDITION, QUALITY, CAPACITY, FUNCTIONALITY, WORKMANSHIP, MERCHANTABILITY, DESIGN, SECURITY, OPERATION, NON-INFRINGEMENT, AND FITNESS FOR ANY PARTICULAR PURPOSE, OR THAT YOUR USE THEREOF WILL BE UNINTERRUPTED OR ERROR FREE, ALL OF WHICH ARE HEREBY EXPRESSLY WAIVED BY YOU. EXCEPT AS OTHERWISE PROVIDED HEREIN BUT SUBJECT TO THE LIMITATIONS OF LIABILITY PROVIDED IN THIS AGREEMENT, GFC ASSUMES NO RESPONSIBILITY FOR ANY ERRORS, OMISSIONS OR OTHER INADEQUACIES IN THE SOLUTIONS.** GFC owns the Equipment but may assign to you all rights GFC may have with respect to any warranty relating to the Equipment or other Solutions to the extent GFC determines in its reasonable discretion that it is beneficial to do so. You authorize GFC to add to a Supplement the serial numbers of Solutions subject to this Agreement.
28. **LIMITATION OF LIABILITY. YOUR PAYMENT AMOUNTS TO GFC HEREUNDER REFLECT THE ALLOCATION OF RISK AND LIMITATION OF LIABILITY CONTAINED IN THIS AGREEMENT. IN NO EVENT WILL GFC, ITS EMPLOYEES, AGENTS, LICENSORS, OR GFC PARTNERS BE LIABLE TO YOU FOR ANY INDIRECT, SPECIAL, INCIDENTAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES OF ANY KIND, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NOR WILL GFC, ITS EMPLOYEES, AGENTS, LICENSORS, OR GFC PARTNERS BE LIABLE TO YOU FOR ANY DAMAGES, LIABILITY, CLAIM, LOSS, OR EXPENSE OF ANY KIND CAUSED DIRECTLY OR INDIRECTLY BY THE SOLUTIONS. IN NO EVENT WILL GFC'S, ITS EMPLOYEES', AGENTS', LICENSORS', OR GFC PARTNERS' LIABILITY TO YOU, WHETHER THE CLAIM IS IN CONTRACT, TORT (INCLUDING NEGLIGENCE), BREACH OF WARRANTY, OR PURSUANT TO ANY OTHER LEGAL OR EQUITABLE THEORY, EXCEED THE PAYMENTS MADE BY YOU TO GFC PURSUANT TO THIS AGREEMENT FOR THE APPLICABLE SOLUTIONS DURING THE SIX (6) MONTH PERIOD IMMEDIATELY PRIOR TO GFC'S RECEIPT OF YOUR CLAIM. THESE LIMITATIONS WILL APPLY NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY PROVIDED HEREIN.**

29. **Remedies.** The rights and remedies of you and GFC are limited to the terms and provisions of this Agreement. To the extent permitted by law, both you and GFC hereby waive any and all rights and remedies conferred upon a lessee by Article 2A of the UCC as set forth under applicable state law, and as amended from time to time. To the extent permitted by law, both you and GFC also hereby waive any rights now or hereafter conferred by statute or otherwise which may require GFC to sell, lease, or otherwise use any Equipment or other Solutions in mitigation of GFC's damages in the event of your default, or which may otherwise limit or modify any of GFC's rights or remedies under this Agreement.
30. **Indemnification.** Except as otherwise provided herein, while in your possession, you assume all risks and liability for the Solutions, Maintained Equipment, and the use, relocation, possession, operation, storage and condition thereof, and for injuries or death resulting to any persons and damage to any property or loss or corruption of data arising therefrom. You further agree to assume liability for, and to indemnify, defend and hold GFC harmless from and against, all claims, losses, costs, expenses, damages, penalties and liabilities arising from or pertaining to your purchase, financing, rejection, possession, use, relocation, storage, operation, condition, your service or repair of Solutions, your breach of any agreement or license or return or other disposition of the Solutions, and except as otherwise provided herein, data loss or corruption, including costs of retrieval and attempted retrieval, together with all legal fees and expenses incurred by GFC in connection with any liability asserted against it. The agreements and indemnities in this section will survive the expiration or termination of this Agreement.
31. **No Agency.** No salesperson, representative or agent of a manufacturer or supplier of the Solutions is authorized to waive or alter any term or condition of this Agreement, and no representation as to the Solutions or any other matter by the manufacturer or supplier will in any way affect your obligations in this Agreement.
32. **Assurances.** You will, at your expense, promptly execute and deliver to GFC such further documents and take such action as requested by GFC to carry out the intent and purpose of this Agreement. Your full legal name, address, state of organization and state-assigned organizational number, if any, are provided herein. You will notify GFC in writing at least thirty (30) days prior to any change to your legal name, address, state of organization, or change in your state-assigned organization number.
33. **Business Purpose.** You represent and warrant to GFC that the Solutions will be used primarily (50% or more) for business or commercial purposes. This transaction is not primarily for personal, family, household or agricultural purposes. You will use the Solutions in a careful and proper manner, only in the normal course of your business and comply with all laws, ordinances and regulations relating to it.
34. **Successors, Severability, and Survival.** This Agreement is binding upon and inure to the benefit of the heirs, administrators, successors and assigns of the parties to this Agreement. If any portion of this Agreement is deemed invalid, it does not affect the balance of the Agreement. The obligations, agreements and indemnities in this Agreement, which expressly or by implication are intended to survive, will survive the expiration or termination of this Agreement.
35. **Restricted Rights Legend.** Any Software provided to the U. S. Government, agency or instrumentality thereof or any prime contractor or subcontractor under any arrangement with the U.S. Government ("Government") is provided with Restricted Rights. Use, duplication, or disclosure by the Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 or subparagraphs (c)(1) and (2) of the Commercial Computer Software – Restricted Rights at 48 CFR 52.227-19, as applicable, and/or applicable Federal Acquisition Regulation protecting the commercial ownership rights of independently developed commercial software.
36. **Applicable Law, Venue, and Waiver of Jury Trial.** This Agreement is governed by and construed in accordance with the internal laws of the State of Wisconsin. You agree that notwithstanding where you or the Equipment or other Solutions are located, jurisdiction for any dispute between the parties will be in Wisconsin and will be venued in Dane County, Wisconsin. You expressly agree to submit to personal jurisdiction in Dane County, Wisconsin and waive any right to a jury trial regarding any dispute arising from this Agreement.
37. **Entire Agreement.** This Agreement and the Supplements, addendums, exhibits, schedules and any other attachments which refer to or may be attached to this Agreement, which you acknowledge you have read, constitute the entire agreement between the parties regarding the subject matter hereof, and all other agreements, representations, promises, inducements, statements and understandings, prior to and contemporaneous with this Agreement, written or oral, are superseded by this Agreement. Any rule of construction to the effect that ambiguities are to be resolved against the drafting party shall not apply in interpreting this Agreement. A facsimile, scanned/e-mailed or otherwise reproduced signature on this Agreement, or an execution of this Agreement using an electronic mark or other e-signature technology or service, is a legally binding signature. This Agreement may be executed in counterparts, which collectively is deemed one Agreement. Time is of the essence regarding this Agreement and its provisions.

AGREED to by the parties as of the date executed by GFC.

GORDON FLESCH COMPANY, INC.

CUSTOMER: Olentangy Local School District

The undersigned affirms that he/she is duly authorized to execute and deliver this Agreement on behalf of Customer.

By: _____
Authorized Signature

By: _____

Name/Title: _____

Name/Title: _____

Date: _____

Date: _____

Email: _____

**GFC Leasing imageCARE
Master Agreement
Acceptance Supplement**

EX. E.2 - October 6, 2022
5 of 23

Master Agreement #: _____ Supplement #: _____ Term: 60 Commencement Date: _____

This GFC Leasing imageCARE Master Agreement Acceptance Supplement ("Supplement") is executed and delivered by the Gordon Flesch Company Inc., d/b/a GFC Leasing ("GFC") and Olenangy Local School District ("Customer" or "you"), pursuant to the Gordon Flesch Company, Inc.

Master Agreement (the "Agreement") between you and GFC, the defined terms therein being used herein with their defined meanings. This Supplement is effective on the date executed by GFC. GFC will provide you with a fully executed copy of this Supplement following the Commencement Date.

First Payment Due Date: _____	Payment and Meter Read Frequency: <input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly <input type="checkbox"/> Other	Security Deposit: \$ _____
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Payment**: \$ 8,097.46	**Plus fees, taxes and image charges, if applicable.	Federal ID# 31-6402332
Comments:		

GFC Leasing Solutions (please check all applicable)			End of Supplement Option:	Tax Exempt
<input checked="" type="checkbox"/> Equipment <input type="checkbox"/> Maintenance* <small>*Includes toner. Excludes fax cartridges, paper, staples, wide format print heads, ink tanks, maintenance cartridges, colortrac paper hold down guide, and scan glass.</small>	<input type="checkbox"/> Customer Equipment <input type="checkbox"/> Software	Equipment, If Applicable: <input checked="" type="checkbox"/> New <input type="checkbox"/> Certified Pre-owned <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Fair Market Value <input type="checkbox"/> \$1.00 Buyout <input type="checkbox"/> HaaS (No Purchase)	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, please attach your tax exemption certificate)
Install DCA <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No IT Contact Name: _____ Phone: _____ Email: _____ Meter Contact: Name: Jenna McDevitt Phone: (740) 657-4389 Email: jenna_mcdevitt@olsd.us A/P Contact Name: Jenna McDevitt Phone: (740) 657-4389 Email: jenna_mcdevitt@olsd.us				

Automated Clearing House ("ACH") Authorization: By providing the below information, Customer hereby authorizes GFC to automatically withdraw from Customer's bank account described below, the full amount due for charges accruing in each billing period when due. Such charges may vary for each billing period based on Customer's actual images used and by any applicable sales/use taxes, property taxes and fees. This authorization will continue until this Agreement expires unless revoked in writing. Voided check must accompany this form.		
ACH <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	I: _____	I: _____
If yes, enter bank information in boxes above right	Bank Routing Code	Bank account number

1. Payments and Term. GFC will deliver, install and implement the Solutions in accordance with this Supplement (the "Commencement Date"). Thereafter GFC will provide you with an invoice, the date of which will be the first day of the Term of this Supplement (the "First Payment Due Date"). The Term for this Supplement is stated above and is non-cancellable by you. Except to the extent Equipment and Software is subject to the \$1.00 Buyout End of Supplement Option ("Dollar Buyout Option"), the initial Term will be extended automatically, without notice, for successive month to month terms beyond the initial Term unless you provide GFC written notice that you do not want to extend, at least one calendar month before the end of the initial Term or any extension. You will make the first Payment on or before the date indicated herein, or in any event not later than the due date of the first invoice issued by GFC pursuant to this Supplement. Subsequent Payments will be due and payable in advance, on the same day of each month thereafter, unless otherwise provided herein or as invoiced by GFC, until the total number of Payments under this Supplement have been made, including any and all charges per image, at the applicable fee per image for each black & white or color image. Annually, GFC may increase the base payment, the fee per image for each image type and the Charge per Image for Overage. You also agree to pay prorated amounts for any partial monthly billing period, such as the number of days from the Commencement Date to the First Payment Due Date.

2. Equipment Lease.

A. **Fair Market Value Lease.** GFC hereby leases to you the Equipment and Software described in this Supplement. If you elect the Fair Market Value End of Supplement Option for Equipment referenced herein, the lease Term for that Equipment will be extended automatically, without notice, for successive month-to-month terms beyond the initial Term, and you will pay to GFC one monthly Payment for each monthly billing period, or portion thereof, for each month that you do not either purchase the Equipment or return the Equipment to the location designated by GFC. If you do not pay monthly Payments or purchase the Equipment from GFC upon expiration or termination of this Supplement, you will immediately terminate the use of the Equipment and Software and return the Equipment and Software to GFC at your expense and at such place as GFC may designate, and in the same condition as when received, reasonable wear and tear excepted. You will also relinquish to GFC all Software subject to this Supplement and you will not retain any copies of such Software. If the Fair Market Value End of Supplement Option is selected for this Supplement, such Equipment is and will remain GFC's sole property subject to your option, if selected, to purchase the Equipment at Fair Market Value as reasonably determined by GFC.

B. **Dollar Buyout Lease.** GFC hereby leases to you the Equipment and Software described in this Supplement. If you elect the Dollar Buyout Option for Equipment and Software described in this Supplement, and you are not otherwise in default under the Agreement, you will, upon the expiration of this Supplement, purchase such Equipment for one dollar (\$1.00) and will thereby take title to that Equipment. In consideration for GFC permitting you to choose the Dollar Buyout Option for particular Equipment, and in the event this

Agreement is deemed a conditional sales contract with respect to such Equipment, you hereby grant to GFC a security interest in and to such Equipment effective as of the date of this Supplement to secure Payments due. If any Equipment is subject to the Dollar Buyout Option, you will report the Equipment for purposes of personal property taxes.

C. HaaS Option. GFC hereby leases to you the Equipment and Software described in this Supplement. If you elect the HaaS (No Purchase) End of Supplement Option for Equipment referenced herein, the lease Term for that Equipment will be extended automatically, without notice, for successive month-to-month terms beyond the initial Term, and you will pay to GFC one monthly Payment for each monthly billing period, or portion thereof, for each month that you do not return the Equipment to the location designated by GFC. If you do not pay monthly Payments upon expiration or termination of this Supplement, you will immediately terminate the use of the Equipment and Software and return the Equipment and Software to GFC at your expense and at such place as GFC may designate, and in the same condition as when received, reasonable wear and tear accepted. You will also relinquish to GFC all Software subject to this Supplement and you will not retain any copies of such Software. If the No Purchase End of Supplement Option is selected for this Supplement, such Equipment is and will remain GFC's sole property.

3. Maintenance. If you select maintenance, support and repair services for Equipment, or for equipment not supplied by GFC ("Customer Equipment"), GFC will provide maintenance, service, support and repairs ("Maintenance") for such Equipment and Customer Equipment ("Maintained Equipment") located within a GFC service area, and covered by this Agreement, as reasonably necessary, in GFC's sole discretion, to keep the Maintained Equipment in good working condition during the Term of this Supplement. GFC will not be responsible for damage that occurs or Maintenance required due to your failure to provide a clean and proper operating environment, including temperature and humidity, failure to operate the Maintained Equipment in accordance with manufacturer's recommendations, or neglect, abuse, misuse, intentional acts or negligence by you or anyone other than GFC with respect to the Maintained Equipment. Except as otherwise provided in a particular Supplement, all regular Maintenance will be performed during GFC's normal business hours. GFC reserves the right to add an additional charge from time to time for the purpose of offsetting increased fuel-related costs.

4. Maintenance Exclusions. Maintenance provided pursuant to this Supplement does not cover Maintenance or parts required by causes other than normal use of the Maintained Equipment, including but not limited to, acts of God, acts of civil or military authority, government requirements, war, riots, fires, explosions, earthquakes, weather conditions, floods, installation or malfunction of unauthorized software, parts, attachments or devices, service performed by someone other than GFC, or failure of electrical power or air conditioning. GFC will not be responsible for failure to render Maintenance due to acts of God, acts of civil or military authority, embargoes, epidemics, government requirements, war, riots, fires, explosions, earthquakes, weather conditions, floods, strikes or other labor disputes, or unavailability of materials and/or components and other causes beyond GFC's control. If you are in default pursuant to this Agreement, GFC may refuse to provide Maintenance for the Maintained Equipment.

5. Additional Maintenance. At your request, GFC will provide additional Maintenance on a unit of Maintained Equipment at GFC's then prevailing rate for Maintenance not covered by a GFC agreement. When in the opinion of GFC, a shop reconditioning is necessary for any of the Maintained Equipment because normal service, repair and parts replacement cannot keep a unit of Maintained Equipment in satisfactory operating condition, GFC will submit to you a cost estimate of needed repairs, which cost will be in addition to the charges provided for herein. If you do not authorize and pay for such work GFC may refuse to provide Maintenance therefore. If the Maintained Equipment is not made available for Maintenance at the location indicated on this Supplement at the time GFC's representative calls to perform Maintenance, thereafter, the Maintenance will be performed only upon your request. There will be no refund if in any such case you fail to request Maintenance. Parts to be furnished will be on an exchange basis and will be new parts or parts warranted to perform as new when installed in the Maintained Equipment. Maintenance will not include electrical work external to the Maintained Equipment or any third party software or programming unless specifically provided herein. Any obligation of GFC to provide replacement parts is conditioned upon the availability of the parts from the original equipment manufacturer. In the unlikely event replacement parts are no longer readily available from the original manufacturer for a particular piece of Maintained Equipment, GFC will be released from its obligation for Maintenance for such said Maintained Equipment. GFC may terminate the Maintenance component of this Supplement at any time by giving you thirty (30) days prior written notice.

6. Consumable Supply Variances. Standards for your toner usage will be based on published vendor yields. Staples, fax cartridges and paper are excluded unless expressly stated in this Supplement. You will pay for all shipping and handling costs associated with such supplies. Any toner cartridges provided by GFC for the Maintained Equipment may be new, remanufactured or reprocessed and you will pay for all associated shipping and handling costs. You will provide to GFC an inventory of supplies in your possession upon GFC's request. If you fail to return to GFC any unused supplies upon expiration or termination of this Supplement, GFC reserves the right to invoice you and you will pay GFC for such unused supplies at GFC's then current rates. If your use of supplies exceeds the published yields for a particular piece of the Maintained Equipment by more than ten percent (10%), you agree to pay when invoiced, additional charges at GFC's then current rates for such excess usage. Toner prices are subject to change.

7. Meter Readings. At GFC's option, you will provide actual meter readings upon GFC's request, by; (a) automatic meter reading device attached to the Equipment, or (b) any other method which GFC requests. GFC may estimate the number of images produced by you in any particular billing period if you do not provide GFC with meter readings within seven (7) days of GFC's request. GFC may audit any automatic meter reading device from time to time.

8. Loss and Damage. Because it is in your possession and/or control, you bear the entire risk of loss, theft or damage to the Equipment and no such loss relieves you of your Payment obligations pursuant to this Agreement. If GFC determines that any Equipment is lost, stolen or damaged beyond repair ("Lost Equipment"), you will, upon demand, pay GFC the Accelerated Payment applicable to the Lost Equipment.

9. Title. Except as otherwise provided, GFC holds title to the Equipment, except any Software, and you will have no claim of ownership thereto. However, if you are not in default pursuant to the Agreement, you will be entitled to possession of the Equipment during the Term of this Supplement. You will keep the Equipment free from all liens and encumbrances. You will maintain any markings on the Equipment indicating that it is the property of GFC. You will not make any alterations, additions or improvements of any kind to the Equipment without prior written consent of GFC. However, if so authorized, any such alterations, additions, or improvements will become property of GFC.

10. Software and Support. GFC will provide support for and configuration of Software as provided in this Supplement. References and links to End User Agreements applicable to the Software subject to this Supplement are set forth in or attached to this Supplement.

11. End User Agreements. You acknowledge and agree that GFC is a reseller of certain Software, cloud-based data storage and other Solutions that are provided by GFC Partners, and that GFC and the GFC Partners require as a pre-condition to use of their Software, cloud-based data storage and other Solutions, that you agree to one or more End User Agreements, which are available for your review under the heading "Customer Agreements with GFC Partners" at www.gflesch.com/terms-and-conditions. You hereby agree to such End User Agreements and will not in any way breach or be in default under the terms and conditions of the End User Agreements. A breach by you of any term or condition of any such End User Agreements will be an event of default pursuant to this Agreement. Notwithstanding anything in the End User Agreements to the contrary, the Agreement between you and GFC is non-cancellable by you for the full Term hereof.

12. Location of Equipment. You agree to provide GFC with thirty (30) days advance written notice before moving Equipment from the location where GFC installed it. GFC, or a person or entity selected by GFC, will assist with any such move at your cost. Upon reasonable notice, GFC will have the right to enter your premises during business hours to inspect the Equipment from time to time.

13. Personal Property. You will promptly notify GFC of any notice of any attachments or other judicial process affecting the Equipment. The Equipment is, and will remain, personal property even if the Equipment becomes affixed to or attached to real property or any building.

14. Insurance. During the Term of this Agreement, you will keep the Equipment insured, at your expense, against all risks of loss or damage for the full replacement value thereof and will carry public liability insurance covering the Equipment. Said insurance must be in form and amount and with companies having an A.M. Best rating of "A" or better, and must name GFC as loss payee and as an additional insured, respectively. You must deliver proof of such coverage to GFC within thirty (30) days of the date of this Agreement. You will pay GFC all deductible amounts upon the occurrence of a loss. You must obtain endorsements that will give GFC thirty (30) days written notice before said insurance is altered or cancelled and that said insurance to GFC will not be invalidated by any act or omission by you. The proceeds of such insurance will be used as determined by GFC in its sole discretion. You appoint GFC as your attorney-in-fact in connection with any such insurance proceeds. If you fail to provide proof of insurance as required, GFC may acquire such insurance. The cost thereof, plus administrative fees will become due and payable with your next Payment. Any duplication of such payments is your responsibility.

15. Other Documents. If a transaction subject to this Supplement is construed as a secured transaction or a conditional sale, this Agreement is deemed to be the security agreement or conditional sale contract, and GFC will be the secured party and you the debtor. You consent to GFC filing financing statements showing GFC's interest in the Equipment. You and GFC agree that this transaction is not subject to either Article 2 or Article 9 of the UCC.

16. Addendums and Signatures. All provisions of the GFC Leasing imageCARE Master Agreement Acceptance Supplement Schedule of Equipment/Accessories, Software, and Maintenance attached hereto, and any other schedules, addendums or riders which reference this Supplement or attached hereto, which you acknowledge you have read, are hereby incorporated by reference into this Supplement to the same extent as if fully set forth herein. This Supplement may be executed in counterparts, which collectively will be deemed one Supplement.

AGREED to by the parties hereto effective as of the date executed by GFC.

GORDON FLESCH COMPANY, INC.,
d/b/a GFC LEASING

CUSTOMER

Olentangy Local School District

The undersigned affirms that he/she is duly authorized to execute and deliver this Acceptance Supplement on behalf of Customer.

By: _____
Authorized Signature

Name/Title: _____
Print Name

Date: _____

By: _____
Authorized Signature

Name/Title: _____
Print Name

Date: _____

Email: _____



*GFC Leasing imageCARE Master Agreement Acceptance Supplement
Schedule of Equipment/Accessories, Software, and Maintenance*

Supplement #:

[illegible]

Olentangy Local Schools Schedule A

School	Address	Location	New Device
ALUM CREEK ELEMENTARY	2515 Parklawn Dr. Lewis Center, Oh 43035	OFFICE	IM2500
SHANAHAN MIDDLE SCHOOL	814 Shanahan Rd. Lewis Center, Oh 43035	Room by food court NW in buildin	IM3500
INDIAN SPRINGS ELEMENTARY	3828 Home Rd. Powell, Oh 43065	MAIL ROOM	IM3500
OLENTANGY LOCAL SCHOOLS	7840 Graphics Way Lewis Center, Ohio 43035	WELCOME CENTER	IM3500
SHANAHAN MIDDLE SCHOOL	814 Shanahan Rd. Lewis Center, Oh 43035	R143 W PRESCHOOL E OFFICE	IM3500
OLENTANGY BERKSHIRE BUS G	2865 South Three B's and K Road. Galena, Ohio 43021	BUS GARAGE	IM5000
OLENTANGY WEST BUS GARAGE	3580 Home Road Powell, Ohio 43035	BUS GARAGE	IM5000
ARROWHEAD ELEMENTARY	2385 Hollenback Lewis Center, Oh 43035	OFFICE	IM6000
ALUM CREEK ELEMENTARY	2515 Parklawn Dr. Lewis Center, Oh 43035	TEACHER'S WORKROOM	IM6000
GLEN OAK ELEMENTARY	7300 Blue Holly Dr. Lewis Center, Oh 43035	OFFICE	IM6000
INDIAN SPRINGS ELEMENTARY	3828 Home Rd. Powell, Oh 43065	LIBRARY	IM6000
LIBERTY TREE ELEMENTARY	6877 Sawmill Pkwy. Powell, Oh 43065	LIBRARY	IM6000
OLENTANGY ACADEMY	7774 Graphics Way Lewis Center, Oh 43035	Copy rm	IM6000
OLENTANGY LIBERTY HIGH SC	3584 Home Rd. Powell, Oh 43065	STUDENT SERVICES	IM6000
OLENTANGY LIBERTY HIGH SC	3584 Home Rd. Powell, Oh 43065	MAIN OFFICE	IM6000
SCIOTO RIDGE ELEMENTARY	8715 Big Bear Ave. Powell, Oh 43065	WORKROOM	IM6000
TYLER RUN ELEMENTARY	580 Salisbury Dr. Powell, Oh 43065	OFFICE	IM6000
WALNUT CREEK ELEMENTARY	5600 Grand Oak Blvd. Galena, Oh 43021	BLUE HALLWAY	IM6000
WYANDOT RUN ELEMENTARY	2800 Carriage Rd. Powell, Oh 43065	Rm 117 teachers workroom	IM6000
LIBERTY MIDDLE SCHOOL	7940 Liberty Rd. Powell, Oh 43065	OFFICE	IM7000
OLENTANGY HIGH SCHOOL	675 Lewis Center Road Lewis Center, Oh 43035		IM7000
LIBERTY MIDDLE SCHOOL	7940 Liberty Rd. Powell, Oh 43065	WORKROOM	IM9000
OAK CREEK ELEMENTARY SCHO	1265 Westwood Dr. Lewis Center, Oh 43035	LIBRARY	IM9000
OLENTANGY LOCAL SCHOOLS	7840 Graphics Way Lewis Center, Ohio 43035	2F ADMIN 901PM	IM9000
OLENTANGY LOCAL SCHOOLS	7840 Graphics Way Lewis Center, Ohio 43035	1F PAST MAILROOM	IM C2500

OLENTANGY LOCAL SCHOOLS	7840 Graphics Way Lewis Center, Ohio 43035	ADMIN 2ND FLOOR	IM C4500
ALUM CREEK ELEMENTARY	2515 Parklawn Dr. Lewis Center, Oh 43035	VIP COPY ROOM	IM9000
FREEDOM TRAIL ELEMENTARY	6743 Bale Kenyon Rd. Lewis Center, Oh 43035	R131A	IM9000
GLEN OAK ELEMENTARY	7300 Blue Holly Dr. Lewis Center, Oh 43035		IM9000
OLENTANGY LIBERTY HIGH SC	3584 Home Rd. Powell, Oh 43065	LOWER WORKROOM	IM9000
OLENTANGY LIBERTY HIGH SC	3584 Home Rd. Powell, Oh 43065	2F COPY ROOM	IM9000
OLENTANGY MEADOWS ELEMENT	8950 Emarld Hill Dr. Lewis Center, Oh 43035	R155	IM9000
OLENTANGY ORANGE MIDDLE S	2680 E. Orange Rd. Lewis Center, Oh 43035	COPY ROOM	IM9000
OLENTANGY ORANGE MIDDLE S	2680 E. Orange Rd. Lewis Center, Oh 43035	STAFF WORKROOM	IM9000
SCIOTO RIDGE ELEMENTARY	8715 Big Bear Ave. Powell, Oh 43065	REAR-NEAR LIBRARY	IM9000
WALNUT CREEK ELEMENTARY	5600 Grand Oak Blvd. Galena, Oh 43021	GREEN HALLWAY	IM9000
WYANDOT RUN ELEMENTARY	2800 Carriage Rd. Powell, Oh 43065	WORKROOM	IM9000
ARROWHEAD ELEMENTARY	2385 Hollenback Lewis Center, Oh 43035	LIBRARY	IM9000
TYLER RUN ELEMENTARY	580 Salisbury Dr. Powell, Oh 43065	WORKROOM	IM9000
OLENTANGY ORANGE MIDDLE S	2680 E. Orange Rd. Lewis Center, Oh 43035	Admin	IM2500
OLENTANGY SCHOOLS MAINTEN	814 Shanahan Road Lewis Center, Ohio 43035	MAINTENANCE OASIS	IM430Fb
FREEDOM TRAIL ELEMENTARY	6743 Bale Kenyon Rd. Lewis Center, Oh 43035	Office	IM5000
OLENTANGY MEADOWS ELEMENT	8950 Emarld Hill Dr. Lewis Center, Oh 43035	Library	IM7000
LIBERTY TREE ELEMENTARY	6877 Sawmill Pkwy. Powell, Oh 43065	R136	IM9000
HYATTS MIDDLE SCHOOL	6885 Sawmill Pkwy. Powell, Oh 43065	Guidence	IM3500
HYATTS MIDDLE SCHOOL	6885 Sawmill Pkwy. Powell, Oh 43065	Teacher's Workroom	IM9000
GLEN OAK ELEMENTARY	7300 Blue Holly Dr. Lewis Center, Oh 43035	Rm 131A	IM2500
OLENTANGY HIGH SCHOOL	675 Lewis Center Road Lewis Center, Oh 43035	PE HEALTH DEPT R1152	IM3500
JOHNNY CAKE CORNERS ELEME	6783 Falling Meadows Dr. Galena, Oh 43021	Office	IM3500
LIBERTY TREE ELEMENTARY	6877 Sawmill Pkwy. Powell, Oh 43065	Mailroom	IM3500

OLENTANGY HIGH SCHOOL	675 Lewis Center Road Lewis Center, Oh 43035	Guidence Office	IM3500
SHANAHAN MIDDLE SCHOOL	814 Shanahan Rd. Lewis Center, Oh 43035	MIDDLE SCHOOL R214	IM3500
OLENTANGY LOCAL SCHOOLS	7840 Graphics Way Lewis Center, Ohio 43035	1st FL SOUTH WING	IM5000
OAK CREEK ELEMENTARY SCHO	1265 Westwood Dr. Lewis Center, Oh 43035	Office	IM7000
JOHNNY CAKE CORNERS ELEME	6783 Falling Meadows Dr. Galena, Oh 43021	BLUE HALLWAY R131B	IM9000
JOHNNY CAKE CORNERS ELEME	6783 Falling Meadows Dr. Galena, Oh 43021	GREEN HALLWAY	IM9000
OLENTANGY HIGH SCHOOL	675 Lewis Center Road Lewis Center, Oh 43035	2nd FL R2207	IM9000
OLENTANGY ORANGE HIGH SCH	2840 E. Orange Rd. Lewis Center, Oh 43035	RM 1102	IM9000
OLENTANGY ORANGE HIGH SCH	2840 E. Orange Rd. Lewis Center, Oh 43035	Rm 2102	IM9000
OLENTANGY ORANGE HIGH SCH	2840 E. Orange Rd. Lewis Center, Oh 43035	RM 1102	IM9000
OLENTANGY ORANGE HIGH SCH	2840 E. Orange Rd. Lewis Center, Oh 43035	RM 2102	IM9000
INDIAN SPRINGS ELEMENTARY	3828 Home Rd. Powell, Oh 43065	Copier Workroom	IM9000
OLENTANGY HIGH SCHOOL	675 Lewis Center Road Lewis Center, Oh 43035	Downstairs	IM9000
OLENTANGY LIBERTY HIGH SC	3584 Home Rd. Powell, Oh 43065	1 FL Rm 1224	IM9000
LIBERTY MIDDLE SCHOOL	7940 Liberty Rd. Powell, Oh 43065	Teacher's Workroom	IM9000
SCIOTO RIDGE ELEMENTARY	8715 Big Bear Ave. Powell, Oh 43065	FRONT OFFICE	IM4000
SHANAHAN MIDDLE SCHOOL	814 Shanahan Rd. Lewis Center, Oh 43035	OFFICE	IM4000
BERLIN HIGH SCHOOL	3140 Berlin Station Rd. Delaware, Oh 43015	RM 1102	IM9000
BERLIN HIGH SCHOOL	3140 Berlin Station Rd. Delaware, Oh 43015	RM 2102	IM9000
OLENTANGY ORANGE HIGH SCH	2840 E. Orange Rd. Lewis Center, Oh 43035	MUSIC DEPT	IM9000
WYANDOT RUN ELEMENTARY	2800 Carriage Rd. Powell, Oh 43065	PRESCHOOL	IM5000
SHANAHAN PRESCHOOL	814 Shanahan Rd. Lewis Center, Oh 43035	CENTRAL OFFICE WORKROOM	IM5000
ARROWHEAD ELEMENTARY	2385 Hollenback Lewis Center, Oh 43035	Rm 200	IM5000
ALUM CREEK ELEMENTARY	2515 Parklawn Dr. Lewis Center, Oh 43035		IM2500

SCOPE OF SERVICES



image+CARE[®]

Print Technology. Managed.

INCL	FLEET MANAGMENT	INCL	ACCOUNT MANAGEMENT
<input checked="" type="checkbox"/>	Automated Meter Readings: Required for supply management and proactive service.	<input checked="" type="checkbox"/>	Client Portal: Secure access. Customer can control their users' permissions and access as system administrator.
<input type="checkbox"/>	Remote Device Monitoring: ImageCARE administrator will monitor account for stale, new and missing printers.	<input checked="" type="checkbox"/>	Spreadsheet Invoicing: Customized reporting allows for data to be sorted and exported as a CSV file.
<input type="checkbox"/>	Auto Printer Additions: Will depend upon device and its compatibility status. Customer contact required to confirm device location.	<input checked="" type="checkbox"/>	Output Management Solutions: Secure print release and badge authentication, etc. Billed separately.
<input checked="" type="checkbox"/>	Asset Management: Suggestions for fleet right-sizing provided through regular account reviews.	<input type="checkbox"/>	Onsite Services: GFC employees assigned to work at your location, day-to-day on non-core functions—mailroom, copy room, fleet maintenance, etc. Billed separately.
<input checked="" type="checkbox"/>	Device Security: Hard-drive wipe procedures followed on returned devices	<input checked="" type="checkbox"/>	Strategic Business Reviews: Can be incorporated into a customized Technology Roadmap.
<input type="checkbox"/>	Mobile Print: Empower mobile work force with print capability from smart devices.	<input type="checkbox"/>	Change Notification Form: Secure access to a web-based form that allows customers to communicate changes to their fleet, ensuring our systems are always up-to-date. Send requests for move notification or assistance and adding or removing devices with online form.
<input type="checkbox"/>	Printer Service Adoption: Devices will need to be “fit for service.”		
INCL	SERVICE AND SUPPLY MANAGEMENT		
<input type="checkbox"/>	Custom Supply Labeling: Labels will include equipment ID for proper distribution.	<input checked="" type="checkbox"/>	Help Desk Triage Toll-free access to GFC's Technical Support Center.
<input checked="" type="checkbox"/>	Just-in-Time Toner Replenishment: Requires compatible fleet and FM Audit Utility must read daily. Auto-toner replenishment based upon “days-to-empty” calculation.	<input type="checkbox"/>	Recycling <input type="checkbox"/> A3 through MFG sites; A4 through Recycling Spot. <input type="checkbox"/> GFC Premium Recycling Program \$150 per pick up
<input type="checkbox"/>	Printer Replacement: Replacement of non-serviceable device with a like-for-like unit. Additional fees may apply.	<input type="checkbox"/>	Proactive Services** Service will be able to review error codes from a service call to determine the devices' technical issue. This ensures the technician has any parts needed to complete the call in one visit, shortening downtime.
<input type="checkbox"/>	Local Device Support For non-networked devices, service and supplies can still be requested manually. Billed separately.	<input checked="" type="checkbox"/>	myGFC Support app for GFC printers and copiers. Provides up-to-date information on fleets and allows users to place service calls.

ImageCARE device take-overs will require 1 week each for:

- Device ID tagging and "fit for service" assessments
- Contract set-up within GFC footprint, 30-days contract setup for devices outside GFC footprint

** imageWARE remote review

Customer signature

Company name

Date

Jackie Shultz

09/29/2022

GFC signature

AE name

Date

SCOPE OF SERVICES



Just-in-Time Toner Replenishment Program

1. FM Audit Utility must collect daily information.
 - JiT will not work properly if device is turned off, goes stale or is removed from service.
2. Toner is shipped based on average monthly usage and will be shipped when it reaches 20 days till empty. This ensures the toner will be fresh and available when needed. So while the machine may read "low toner," you can feel confident that toner will arrive JiT, based on your individual device's usage.
3. A low toner warning does not mean device is out of toner. Continue using the toner until device indicates it is time to replace toner. Cartridges should be taken out, shook and reinstalled in order to use completely
4. JiT devices are monitored from 7:30 a.m. to 4:30 p.m., Central Standard Time, Monday–Friday. If you are aware of a heavy printing need during the week or over the weekend, contact GFC. Please plan ahead. 2-day shipping will still apply. This usage will be outside of your normal printing pattern and will not allow the "days-to-empty" calculation to properly account for the unexpected heavy usage.
5. If you have extra toner(s) onsite, please return to GFC. Spare toner inventory cannot be combined with JiT.
6. Toner must be used in the device printed on the shipping label, not an alternate device. The ID# of the device the cartridge it is intended for will be on the shipping label. Using toner in alternate devices will cause problems in the JiT program.
7. GFC Customer Care should be contacted immediately if a cartridge for a JiT device is defective. If need be, replacement cartridge may be shipped overnight.
8. Extremely high-usage machines may not benefit from JiT shipping if cartridges are being changed out multiple times per week.
9. JiT monitoring is for toner only. Waste toner containers, imaging units, staples and drums will need to be ordered separately.
10. Businesses must be able accept UPS or Fed Ex deliveries Monday – Friday between 8:00 a.m. and 4:30 p.m.

BUSINESS INFORMATION:

Date Written 09/29/2022		Sales Rep Jackie Shultz	
Legal Business Name Olentangy Local School District		DBA	
Address 7840 Graphics Way		City Lewis Center	State OH
Parent Company		City	State
Contact Person S Jenna McDevitt		Title Asst. Director, Business Man	Phone 740-657-4389
		Email jenna_mcdevitt@olsd.us	
Type of <input type="checkbox"/> Corporation <input type="checkbox"/> Limited Liability <input type="checkbox"/> Proprietor <input type="checkbox"/> Partnership	State of Organization Oh	DUNS Number	Federal Tax ID 31-6402332
		Nature of Business Public School	Date Established under Current Ownership
Current Year Sales		Current Year Net Income	Previous Year Sales
			Previous Year Net Income

OWNERSHIP & BANKING INFORMATION:

President		Vice President	
Treasurer		Secretary	
For proprietorships, partnerships, and corporations, please show name, residence address, and social security number of principles or officers.			
First	M.I.	Last	Residence Address
			Social Security Number
1.			
2.			
Bank Reference (Exact Branch) List All Banks Used in the Last 5 Years		Account Number	Type of Account
		Bank Contact	Phone Number
1.			
2.			

THIS APPLICATION DOES NOT OBLIGATE GFC TO ENTER INTO ANY LEASE, RENTAL OR PURCHASE AGREEMENT.

By signing this application the Applicant and the undersigned affirm that you are authorized to sign this application for the Applicant, and you certify that this Provision constitutes an authorized and express, written instruction to Gordon Flesch Company, Inc. ("GFC"), its designee (and any assignee or potential assignee thereof) authorizing review of the personal credit profile of the Applicant's profile as well as the personal profile of the undersigned, from a national credit bureau or public information database. This express authorization shall extend to obtaining a credit profile in considering the application of the Applicant and subsequently for the purposes of update, renewal or extension of any lease agreement, and for reviewing or collecting the resulting account. Furthermore, you the Applicant and the undersigned certify that this application is for the extension of commercial credit only, and any equipment subsequently leased, rented, or purchased will be used exclusively for commercial purposes and not for personal, family or household purposes. You acknowledge and understand that the information being gathered by GFC pursuant to this application is to be used by GFC for the purpose of: (1) determining the Applicant's eligibility, as determined by GFC in its sole discretion, to lease certain business equipment from GFC, (2) future review of the account for the purpose stated above, and (3) comply with Federal laws and regulations. The Applicant and undersigned hereby waive and release any and all claims and causes of action of every kind and nature that Applicant or its principals or personal guarantors may have against GFC, it's employees, agents, officers and shareholders arising, either directly or indirectly, from GFC's investigation, and agree to indemnify GFC from any suit or claims arising from such investigation, including costs and reasonable attorney fees. A PDF or facsimile copy of this authorization shall be valid as the original. **I FURTHER CERTIFY that I have not withheld ANY information on our financial condition that would have a material effect on our ability to perform and comply with the terms and conditions of any GFC lease, rental, or purchase agreements.**

ECOA Statement: The Federal Equal Credit Opportunity Act prohibits creditors from discriminating against credit applicants on the basis of race, color, religion, national origin, sex, marital status, age (provided the applicant has the capacity to enter into a binding contract), because all of or part of the applicants income is derived from any public assistance program, or because the applicant has in good faith exercised any right under the Consumer Credit Protection Act. The Federal Agency that administers compliance with this law is the Federal Trade Commission, ECOA Compliance, Washington D.C. 20281.

FACSIMILE SIGNATURES/COUNTERPART SIGNATURES: GFC and You agree that a facsimile, scanned, and/or e-mailed or otherwise reproduced signature on this application shall be a binding signature and carry the same legal force as an original signature. This application may be executed in counterparts, which collectively shall be deemed one application.

 X _____
 Co-Applicants Signature

 X _____
 Applicants Signature

 Print Name

 Date

 Print Name

 Date

Ohio School District Certificates

The following certificates required by R.C. 5705.41 and 5705.412 are attached to the contract by and between the Gordon Flesch Company, Inc. and Olentangy Local School District ("Owner") dated September 29, 2022.

R.C. 5705.41 Certificate

As the chief fiscal officer of the Owner, I hereby certify that the funds required to meet the obligation of the fiscal year in which the attached contract is made has been lawfully appropriated for such purpose and is in the treasury or is in the process of collection to the credit of an appropriate fund, free from any previous encumbrances.

By: _____

Name & Title: _____
(*Treasurer or other appropriate title*)

R.C. 5705.412 Certificate

We hereby certify that the Owner has in effect for the remainder of the fiscal year and the succeeding fiscal year the authorization to levy taxes including the renewal or replacement of existing levies which when combined with the estimated revenues from all other sources available to the district at the time of certification, are sufficient to provide operating revenues necessary to enable the district to operate an adequate educational program for all the days set forth in its adopted school calendars for the current fiscal year and for a number of days in the succeeding fiscal year, equal to the number of days instruction was held or is scheduled for the current fiscal year.

Superintendent of Owner

By: _____

Print name: _____

President of the Board of Education

By: _____

Print name: _____

Lease # _____

Date: _____

Master Agreement #: _____ Supplement #: _____ Term: 60 Commencement Date: _____

This GFC Leasing imageCARE Master Agreement Acceptance Supplement ("Supplement") is executed and delivered by the Gordon Flesch Company Inc., d/b/a GFC Leasing ("GFC") and Olentangy Local School District ("Customer" or "you"), pursuant to the Gordon Flesch Company, Inc.

Master Agreement (the "Agreement") between you and GFC, the defined terms therein being used herein with their defined meanings. This Supplement is effective on the date executed by GFC. GFC will provide you with a fully executed copy of this Supplement following the Commencement Date.

First Payment Due Date: _____	Payment and Meter Read Frequency: <input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly <input type="checkbox"/> Other	Security Deposit: \$ _____
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Payment**: \$ <u>839.57</u>	**Plus fees, taxes and image charges, if applicable.	Federal ID# <u>31-6402332</u>
Comments: _____		

GFC Leasing Solutions (please check all applicable)			End of Supplement Option:	Tax Exempt
<input type="checkbox"/> Equipment <input type="checkbox"/> Maintenance* <small>*Includes toner. Excludes fax cartridges, paper, staples, wide format print heads, ink tanks, maintenance cartridges, colortrac paper hold down guide, and scan glass.</small>	<input type="checkbox"/> Customer Equipment <input checked="" type="checkbox"/> Software	Equipment, If Applicable: <input checked="" type="checkbox"/> New <input type="checkbox"/> Certified Pre-owned <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Fair Market Value <input type="checkbox"/> \$1.00 Buyout <input type="checkbox"/> HaaS (No Purchase)	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, please attach your tax exemption certificate)
Install DCA <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No IT Contact Name: _____ Phone: _____ Email: _____ Meter Contact: Name: <u>Jenna McDevitt</u> Phone: <u>(740) 657-4389</u> Email: <u>jenna_mcdevitt@olsd.us</u> A/P Contact Name: <u>Jenna McDevitt</u> Phone: <u>(740) 657-4389</u> Email: <u>jenna_mcdevitt@olsd.us</u>				

Automated Clearing House ("ACH") Authorization: By providing the below information, Customer hereby authorizes GFC to automatically withdraw from Customer's bank account described below, the full amount due for charges accruing in each billing period when due. Such charges may vary for each billing period based on Customer's actual images used and by any applicable sales/use taxes, property taxes and fees. This authorization will continue until this Agreement expires unless revoked in writing. **Voided check must accompany this form.**

ACH <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	I: _____	I: _____
If yes, enter bank information in boxes above right	Bank Routing Code	Bank account number

1. Payments and Term. GFC will deliver, install and implement the Solutions in accordance with this Supplement (the "Commencement Date"). Thereafter GFC will provide you with an invoice, the date of which will be the first day of the Term of this Supplement (the "First Payment Due Date"). The Term for this Supplement is stated above and is non-cancellable by you. Except to the extent Equipment and Software is subject to the \$1.00 Buyout End of Supplement Option ("Dollar Buyout Option"), the initial Term will be extended automatically, without notice, for successive month to month terms beyond the initial Term unless you provide GFC written notice that you do not want to extend, at least one calendar month before the end of the initial Term or any extension. You will make the first Payment on or before the date indicated herein, or in any event not later than the due date of the first invoice issued by GFC pursuant to this Supplement. Subsequent Payments will be due and payable in advance, on the same day of each month thereafter, unless otherwise provided herein or as invoiced by GFC, until the total number of Payments under this Supplement have been made, including any and all charges per image, at the applicable fee per image for each black & white or color image. Annually, GFC may increase the base payment, the fee per image for each image type and the Charge per Image for Overage. You also agree to pay prorated amounts for any partial monthly billing period, such as the number of days from the Commencement Date to the First Payment Due Date.

2. Equipment Lease.

A. Fair Market Value Lease. GFC hereby leases to you the Equipment and Software described in this Supplement. If you elect the Fair Market Value End of Supplement Option for Equipment referenced herein, the lease Term for that Equipment will be extended automatically, without notice, for successive month-to-month terms beyond the initial Term, and you will pay to GFC one monthly Payment for each monthly billing period, or portion thereof, for each month that you do not either purchase the Equipment or return the Equipment to the location designated by GFC. If you do not pay monthly Payments or purchase the Equipment from GFC upon expiration or termination of this Supplement, you will immediately terminate the use of the Equipment and Software and return the Equipment and Software to GFC at your expense and at such place as GFC may designate, and in the same condition as when received, reasonable wear and tear excepted. You will also relinquish to GFC all Software subject to this Supplement and you will not retain any copies of such Software. If the Fair Market Value End of Supplement Option is selected for this Supplement, such Equipment is and will remain GFC's sole property subject to your option, if selected, to purchase the Equipment at Fair Market Value as reasonably determined by GFC.

B. Dollar Buyout Lease. GFC hereby leases to you the Equipment and Software described in this Supplement. If you elect the Dollar Buyout Option for Equipment and Software described in this Supplement, and you are not otherwise in default under the Agreement, you will, upon the expiration of this Supplement, purchase such Equipment for one dollar (\$1.00) and will thereby take title to that Equipment. In consideration for GFC permitting you to choose the Dollar Buyout Option for particular Equipment, and in the event this

Agreement is deemed a conditional sales contract with respect to such Equipment, you hereby grant to GFC a security interest in and to such Equipment effective as of the date of this Supplement to secure Payments due. If any Equipment is subject to the Dollar Buyout Option, you will report the Equipment for purposes of personal property taxes.

C. **HaaS Option.** GFC hereby leases to you the Equipment and Software described in this Supplement. If you elect the HaaS (No Purchase) End of Supplement Option for Equipment referenced herein, the lease Term for that Equipment will be extended automatically, without notice, for successive month-to-month terms beyond the initial Term, and you will pay to GFC one monthly Payment for each monthly billing period, or portion thereof, for each month that you do not return the Equipment to the location designated by GFC. If you do not pay monthly Payments upon expiration or termination of this Supplement, you will immediately terminate the use of the Equipment and Software and return the Equipment and Software to GFC at your expense and at such place as GFC may designate, and in the same condition as when received, reasonable wear and tear accepted. You will also relinquish to GFC all Software subject to this Supplement and you will not retain any copies of such Software. If the No Purchase End of Supplement Option is selected for this Supplement, such Equipment is and will remain GFC's sole property.

3. **Maintenance.** If you select maintenance, support and repair services for Equipment, or for equipment not supplied by GFC ("Customer Equipment"), GFC will provide maintenance, service, support and repairs ("Maintenance") for such Equipment and Customer Equipment ("Maintained Equipment") located within a GFC service area, and covered by this Agreement, as reasonably necessary, in GFC's sole discretion, to keep the Maintained Equipment in good working condition during the Term of this Supplement. GFC will not be responsible for damage that occurs or Maintenance required due to your failure to provide a clean and proper operating environment, including temperature and humidity, failure to operate the Maintained Equipment in accordance with manufacturer's recommendations, or neglect, abuse, misuse, intentional acts or negligence by you or anyone other than GFC with respect to the Maintained Equipment. Except as otherwise provided in a particular Supplement, all regular Maintenance will be performed during GFC's normal business hours. GFC reserves the right to add an additional charge from time to time for the purpose of offsetting increased fuel-related costs.

4. **Maintenance Exclusions.** Maintenance provided pursuant to this Supplement does not cover Maintenance or parts required by causes other than normal use of the Maintained Equipment, including but not limited to, acts of God, acts of civil or military authority, government requirements, war, riots, fires, explosions, earthquakes, weather conditions, floods, installation or malfunction of unauthorized software, parts, attachments or devices, service performed by someone other than GFC, or failure of electrical power or air conditioning. GFC will not be responsible for failure to render Maintenance due to acts of God, acts of civil or military authority, embargoes, epidemics, government requirements, war, riots, fires, explosions, earthquakes, weather conditions, floods, strikes or other labor disputes, or unavailability of materials and/or components and other causes beyond GFC's control. If you are in default pursuant to this Agreement, GFC may refuse to provide Maintenance for the Maintained Equipment.

5. **Additional Maintenance.** At your request, GFC will provide additional Maintenance on a unit of Maintained Equipment at GFC's then prevailing rate for Maintenance not covered by a GFC agreement. When in the opinion of GFC, a shop reconditioning is necessary for any of the Maintained Equipment because normal service, repair and parts replacement cannot keep a unit of Maintained Equipment in satisfactory operating condition, GFC will submit to you a cost estimate of needed repairs, which cost will be in addition to the charges provided for herein. If you do not authorize and pay for such work GFC may refuse to provide Maintenance therefore. If the Maintained Equipment is not made available for Maintenance at the location indicated on this Supplement at the time GFC's representative calls to perform Maintenance, thereafter, the Maintenance will be performed only upon your request. There will be no refund if in any such case you fail to request Maintenance. Parts to be furnished will be on an exchange basis and will be new parts or parts warranted to perform as new when installed in the Maintained Equipment. Maintenance will not include electrical work external to the Maintained Equipment or any third party software or programming unless specifically provided herein. Any obligation of GFC to provide replacement parts is conditioned upon the availability of the parts from the original equipment manufacturer. In the unlikely event replacement parts are no longer readily available from the original manufacturer for a particular piece of Maintained Equipment, GFC will be released from its obligation for Maintenance for such said Maintained Equipment. GFC may terminate the Maintenance component of this Supplement at any time by giving you thirty (30) days prior written notice.

6. **Consumable Supply Variances.** Standards for your toner usage will be based on published vendor yields. Staples, fax cartridges and paper are excluded unless expressly stated in this Supplement. You will pay for all shipping and handling costs associated with such supplies. Any toner cartridges provided by GFC for the Maintained Equipment may be new, remanufactured or reprocessed and you will pay for all associated shipping and handling costs. You will provide to GFC an inventory of supplies in your possession upon GFC's request. If you fail to return to GFC any unused supplies upon expiration or termination of this Supplement, GFC reserves the right to invoice you and you will pay GFC for such unused supplies at GFC's then current rates. If your use of supplies exceeds the published yields for a particular piece of the Maintained Equipment by more than ten percent (10%), you agree to pay when invoiced, additional charges at GFC's then current rates for such excess usage. Toner prices are subject to change.

7. **Meter Readings.** At GFC's option, you will provide actual meter readings upon GFC's request, by; (a) automatic meter reading device attached to the Equipment, or (b) any other method which GFC requests. GFC may estimate the number of images produced by you in any particular billing period if you do not provide GFC with meter readings within seven (7) days of GFC's request. GFC may audit any automatic meter reading device from time to time.

8. **Loss and Damage.** Because it is in your possession and/or control, you bear the entire risk of loss, theft or damage to the Equipment and no such loss relieves you of your Payment obligations pursuant to this Agreement. If GFC determines that any Equipment is lost, stolen or damaged beyond repair ("Lost Equipment"), you will, upon demand, pay GFC the Accelerated Payment applicable to the Lost Equipment.

9. **Title.** Except as otherwise provided, GFC holds title to the Equipment, except any Software, and you will have no claim of ownership thereto. However, if you are not in default pursuant to the Agreement, you will be entitled to possession of the Equipment during the Term of this Supplement. You will keep the Equipment free from all liens and encumbrances. You will maintain any markings on the Equipment indicating that it is the property of GFC. You will not make any alterations, additions or improvements of any kind to the Equipment without prior written consent of GFC. However, if so authorized, any such alterations, additions, or improvements will become property of GFC.

10. Software and Support. GFC will provide support for and configuration of Software as provided in this Supplement. References and links to End User Agreements applicable to the Software subject to this Supplement are set forth in or attached to this Supplement.

11. End User Agreements. You acknowledge and agree that GFC is a reseller of certain Software, cloud-based data storage and other Solutions that are provided by GFC Partners, and that GFC and the GFC Partners require as a pre-condition to use of their Software, cloud-based data storage and other Solutions, that you agree to one or more End User Agreements, which are available for your review under the heading "Customer Agreements with GFC Partners" at www.gflesch.com/terms-and-conditions. You hereby agree to such End User Agreements and will not in any way breach or be in default under the terms and conditions of the End User Agreements. A breach by you of any term or condition of any such End User Agreements will be an event of default pursuant to this Agreement. Notwithstanding anything in the End User Agreements to the contrary, the Agreement between you and GFC is non-cancellable by you for the full Term hereof.

12. Location of Equipment. You agree to provide GFC with thirty (30) days advance written notice before moving Equipment from the location where GFC installed it. GFC, or a person or entity selected by GFC, will assist with any such move at your cost. Upon reasonable notice, GFC will have the right to enter your premises during business hours to inspect the Equipment from time to time.

13. Personal Property. You will promptly notify GFC of any notice of any attachments or other judicial process affecting the Equipment. The Equipment is, and will remain, personal property even if the Equipment becomes affixed to or attached to real property or any building.

14. Insurance. During the Term of this Agreement, you will keep the Equipment insured, at your expense, against all risks of loss or damage for the full replacement value thereof and will carry public liability insurance covering the Equipment. Said insurance must be in form and amount and with companies having an A.M. Best rating of "A" or better, and must name GFC as loss payee and as an additional insured, respectively. You must deliver proof of such coverage to GFC within thirty (30) days of the date of this Agreement. You will pay GFC all deductible amounts upon the occurrence of a loss. You must obtain endorsements that will give GFC thirty (30) days written notice before said insurance is altered or cancelled and that said insurance to GFC will not be invalidated by any act or omission by you. The proceeds of such insurance will be used as determined by GFC in its sole discretion. You appoint GFC as your attorney-in-fact in connection with any such insurance proceeds. If you fail to provide proof of insurance as required, GFC may acquire such insurance. The cost thereof, plus administrative fees will become due and payable with your next Payment. Any duplication of such payments is your responsibility.

15. Other Documents. If a transaction subject to this Supplement is construed as a secured transaction or a conditional sale, this Agreement is deemed to be the security agreement or conditional sale contract, and GFC will be the secured party and you the debtor. You consent to GFC filing financing statements showing GFC's interest in the Equipment. You and GFC agree that this transaction is not subject to either Article 2 or Article 9 of the UCC.

16. Addendums and Signatures. All provisions of the GFC Leasing imageCARE Master Agreement Acceptance Supplement Schedule of Equipment/Accessories, Software, and Maintenance attached hereto, and any other schedules, addendums or riders which reference this Supplement or attached hereto, which you acknowledge you have read, are hereby incorporated by reference into this Supplement to the same extent as if fully set forth herein. This Supplement may be executed in counterparts, which collectively will be deemed one Supplement.

AGREED to by the parties hereto effective as of the date executed by GFC.

GORDON FLESCH COMPANY, INC.,
d/b/a GFC LEASING

CUSTOMER

Olentangy Local School District

The undersigned affirms that he/she is duly authorized to execute and deliver this Acceptance Supplement on behalf of Customer.

By: _____
Authorized Signature

Name/Title: _____
Print Name

Date: _____

By: _____
Authorized Signature

Name/Title: _____
Print Name

Date: _____

Email: _____



CUSTOMER NAME: Olentangy Local School District

CUSTOMER NAME: Olentangy Local School District

EX. E.2 - October 6, 2022

Olentangy Local Schools Schedule A

School	Address	Location	New Device
ALUM CREEK ELEMENTARY	2515 Parklawn Dr. Lewis Center, Oh 43035	OFFICE	IM2500
SHANAHAN MIDDLE SCHOOL	814 Shanahan Rd. Lewis Center, Oh 43035	Room by food court NW in buildin	IM3500
INDIAN SPRINGS ELEMENTARY	3828 Home Rd. Powell, Oh 43065	MAIL ROOM	IM3500
OLENTANGY LOCAL SCHOOLS	7840 Graphics Way Lewis Center, Ohio 43035	WELCOME CENTER	IM3500
SHANAHAN MIDDLE SCHOOL	814 Shanahan Rd. Lewis Center, Oh 43035	R143 W PRESCHOOL E OFFICE	IM3500
OLENTANGY BERKSHIRE BUS G	2865 South Three B's and K Road. Galena, Ohio 43021	BUS GARAGE	IM5000
OLENTANGY WEST BUS GARAGE	3580 Home Road Powell, Ohio 43035	BUS GARAGE	IM5000
ARROWHEAD ELEMENTARY	2385 Hollenback Lewis Center, Oh 43035	OFFICE	IM6000
ALUM CREEK ELEMENTARY	2515 Parklawn Dr. Lewis Center, Oh 43035	TEACHER'S WORKROOM	IM6000
GLEN OAK ELEMENTARY	7300 Blue Holly Dr. Lewis Center, Oh 43035	OFFICE	IM6000
INDIAN SPRINGS ELEMENTARY	3828 Home Rd. Powell, Oh 43065	LIBRARY	IM6000
LIBERTY TREE ELEMENTARY	6877 Sawmill Pkwy. Powell, Oh 43065	LIBRARY	IM6000
OLENTANGY ACADEMY	7774 Graphics Way Lewis Center, Oh 43035	Copy rm	IM6000
OLENTANGY LIBERTY HIGH SC	3584 Home Rd. Powell, Oh 43065	STUDENT SERVICES	IM6000
OLENTANGY LIBERTY HIGH SC	3584 Home Rd. Powell, Oh 43065	MAIN OFFICE	IM6000
SCIOTO RIDGE ELEMENTARY	8715 Big Bear Ave. Powell, Oh 43065	WORKROOM	IM6000
TYLER RUN ELEMENTARY	580 Salisbury Dr. Powell, Oh 43065	OFFICE	IM6000
WALNUT CREEK ELEMENTARY	5600 Grand Oak Blvd. Galena, Oh 43021	BLUE HALLWAY	IM6000
WYANDOT RUN ELEMENTARY	2800 Carriage Rd. Powell, Oh 43065	Rm 117 teachers workroom	IM6000
LIBERTY MIDDLE SCHOOL	7940 Liberty Rd. Powell, Oh 43065	OFFICE	IM7000
OLENTANGY HIGH SCHOOL	675 Lewis Center Road Lewis Center, Oh 43035		IM7000
LIBERTY MIDDLE SCHOOL	7940 Liberty Rd. Powell, Oh 43065	WORKROOM	IM9000
OAK CREEK ELEMENTARY SCHO	1265 Westwood Dr. Lewis Center, Oh 43035	LIBRARY	IM9000
OLENTANGY LOCAL SCHOOLS	7840 Graphics Way Lewis Center, Ohio 43035	2F ADMIN 901PM	IM9000
OLENTANGY LOCAL SCHOOLS	7840 Graphics Way Lewis Center, Ohio 43035	1F PAST MAILROOM	IM C2500

OLENTANGY LOCAL SCHOOLS	7840 Graphics Way Lewis Center, Ohio 43035	ADMIN 2ND FLOOR	IM C4500
ALUM CREEK ELEMENTARY	2515 Parklawn Dr. Lewis Center, Oh 43035	VIP COPY ROOM	IM9000
FREEDOM TRAIL ELEMENTARY	6743 Bale Kenyon Rd. Lewis Center, Oh 43035	R131A	IM9000
GLEN OAK ELEMENTARY	7300 Blue Holly Dr. Lewis Center, Oh 43035		IM9000
OLENTANGY LIBERTY HIGH SC	3584 Home Rd. Powell, Oh 43065	LOWER WORKROOM	IM9000
OLENTANGY LIBERTY HIGH SC	3584 Home Rd. Powell, Oh 43065	2F COPY ROOM	IM9000
OLENTANGY MEADOWS ELEMENT	8950 Emerald Hill Dr. Lewis Center, Oh 43035	R155	IM9000
OLENTANGY ORANGE MIDDLE S	2680 E. Orange Rd. Lewis Center, Oh 43035	COPY ROOM	IM9000
OLENTANGY ORANGE MIDDLE S	2680 E. Orange Rd. Lewis Center, Oh 43035	STAFF WORKROOM	IM9000
SCIOTO RIDGE ELEMENTARY	8715 Big Bear Ave. Powell, Oh 43065	REAR-NEAR LIBRARY	IM9000
WALNUT CREEK ELEMENTARY	5600 Grand Oak Blvd. Galena, Oh 43021	GREEN HALLWAY	IM9000
WYANDOT RUN ELEMENTARY	2800 Carriage Rd. Powell, Oh 43065	WORKROOM	IM9000
ARROWHEAD ELEMENTARY	2385 Hollenback Lewis Center, Oh 43035	LIBRARY	IM9000
TYLER RUN ELEMENTARY	580 Salisbury Dr. Powell, Oh 43065	WORKROOM	IM9000
OLENTANGY ORANGE MIDDLE S	2680 E. Orange Rd. Lewis Center, Oh 43035	Admin	IM2500
OLENTANGY SCHOOLS MAINTEN	814 Shanahan Road Lewis Center, Ohio 43035	MAINTENANCE OASIS	IM430Fb
FREEDOM TRAIL ELEMENTARY	6743 Bale Kenyon Rd. Lewis Center, Oh 43035	Office	IM5000
OLENTANGY MEADOWS ELEMENT	8950 Emerald Hill Dr. Lewis Center, Oh 43035	Library	IM7000
LIBERTY TREE ELEMENTARY	6877 Sawmill Pkwy. Powell, Oh 43065	R136	IM9000
HYATTS MIDDLE SCHOOL	6885 Sawmill Pkwy. Powell, Oh 43065	Guidance	IM3500
HYATTS MIDDLE SCHOOL	6885 Sawmill Pkwy. Powell, Oh 43065	Teacher's Workroom	IM9000
GLEN OAK ELEMENTARY	7300 Blue Holly Dr. Lewis Center, Oh 43035	Rm 131A	IM2500
OLENTANGY HIGH SCHOOL	675 Lewis Center Road Lewis Center, Oh 43035	PE HEALTH DEPT R1152	IM3500
JOHNNY CAKE CORNERS ELEME	6783 Falling Meadows Dr. Galena, Oh 43021	Office	IM3500
LIBERTY TREE ELEMENTARY	6877 Sawmill Pkwy. Powell, Oh 43065	Mailroom	IM3500

OLENTANGY HIGH SCHOOL	675 Lewis Center Road Lewis Center, Oh 43035	Guidence Office	IM3500
SHANAHAN MIDDLE SCHOOL	814 Shanahan Rd. Lewis Center, Oh 43035	MIDDLE SCHOOL R214	IM3500
OLENTANGY LOCAL SCHOOLS	7840 Graphics Way Lewis Center, Ohio 43035	1st FL SOUTH WING	IM5000
OAK CREEK ELEMENTARY SCHO	1265 Westwood Dr. Lewis Center, Oh 43035	Office	IM7000
JOHNNY CAKE CORNERS ELEME	6783 Falling Meadows Dr. Galena, Oh 43021	BLUE HALLWAY R131B	IM9000
JOHNNY CAKE CORNERS ELEME	6783 Falling Meadows Dr. Galena, Oh 43021	GREEN HALLWAY	IM9000
OLENTANGY HIGH SCHOOL	675 Lewis Center Road Lewis Center, Oh 43035	2nd FL R2207	IM9000
OLENTANGY ORANGE HIGH SCH	2840 E. Orange Rd. Lewis Center, Oh 43035	RM 1102	IM9000
OLENTANGY ORANGE HIGH SCH	2840 E. Orange Rd. Lewis Center, Oh 43035	Rm 2102	IM9000
OLENTANGY ORANGE HIGH SCH	2840 E. Orange Rd. Lewis Center, Oh 43035	RM 1102	IM9000
OLENTANGY ORANGE HIGH SCH	2840 E. Orange Rd. Lewis Center, Oh 43035	RM 2102	IM9000
INDIAN SPRINGS ELEMENTARY	3828 Home Rd. Powell, Oh 43065	Copier Workroom	IM9000
OLENTANGY HIGH SCHOOL	675 Lewis Center Road Lewis Center, Oh 43035	Downstairs	IM9000
OLENTANGY LIBERTY HIGH SC	3584 Home Rd. Powell, Oh 43065	1 FL Rm 1224	IM9000
LIBERTY MIDDLE SCHOOL	7940 Liberty Rd. Powell, Oh 43065	Teacher's Workroom	IM9000
SCIOTO RIDGE ELEMENTARY	8715 Big Bear Ave. Powell, Oh 43065	FRONT OFFICE	IM4000
SHANAHAN MIDDLE SCHOOL	814 Shanahan Rd. Lewis Center, Oh 43035	OFFICE	IM4000
BERLIN HIGH SCHOOL	3140 Berlin Station Rd. Delaware, Oh 43015	RM 1102	IM9000
BERLIN HIGH SCHOOL	3140 Berlin Station Rd. Delaware, Oh 43015	RM 2102	IM9000
OLENTANGY ORANGE HIGH SCH	2840 E. Orange Rd. Lewis Center, Oh 43035	MUSIC DEPT	IM9000
WYANDOT RUN ELEMENTARY	2800 Carriage Rd. Powell, Oh 43065	PRESCHOOL	IM5000
SHANAHAN PRESCHOOL	814 Shanahan Rd. Lewis Center, Oh 43035	CENTRAL OFFICE WORKROOM	IM5000
ARROWHEAD ELEMENTARY	2385 Hollenback Lewis Center, Oh 43035	Rm 200	IM5000
ALUM CREEK ELEMENTARY	2515 Parklawn Dr. Lewis Center, Oh 43035		IM2500

Ohio School District Certificates

The following certificates required by R.C. 5705.41 and 5705.412 are attached to the contract by and between the Gordon Flesch Company, Inc. and Olentangy Local School District ("Owner") dated September 29, 2022.

R.C. 5705.41 Certificate

As the chief fiscal officer of the Owner, I hereby certify that the funds required to meet the obligation of the fiscal year in which the attached contract is made has been lawfully appropriated for such purpose and is in the treasury or is in the process of collection to the credit of an appropriate fund, free from any previous encumbrances.

By: _____

Name & Title: _____
(*Treasurer or other appropriate title*)

R.C. 5705.412 Certificate

We hereby certify that the Owner has in effect for the remainder of the fiscal year and the succeeding fiscal year the authorization to levy taxes including the renewal or replacement of existing levies which when combined with the estimated revenues from all other sources available to the district at the time of certification, are sufficient to provide operating revenues necessary to enable the district to operate an adequate educational program for all the days set forth in its adopted school calendars for the current fiscal year and for a number of days in the succeeding fiscal year, equal to the number of days instruction was held or is scheduled for the current fiscal year.

Superintendent of Owner

By: _____

Print name: _____

President of the Board of Education

By: _____

Print name: _____

Lease # _____

Date: _____

MIDWEST GYM SUPPLY, INC.775 SCOTT COURT
MADISON, IN 47250
800-876-3194**QUOTATION**Quote Number: MGS-11250
Quote Date: Sep 12, 2022
Page: 1Voice: 812-265-4099
Fax: 812-273-4875**Quoted To:**OLENTANGY LIBERTY HIGH SCHOOL
3584 HOME ROAD
POWELL, OH 43065OLENTANGY LIBERTY HIGH SCHOOL
3584 HOME ROAD
POWELL, OH 43065

Customer ID	Good Thru	Payment Terms	Sales Rep
OLENTANGY LIBERTY HS	10/12/22	Net Due	1110

Quantity	Item	Description	Unit Price	Amount
		VAULT		
1.00	407-557	EVO-ELITE TAC 10 VAULT TABLE WITH CLUB PADS MEET DEMO	4,840.00	4,840.00
1.00	416-547	12CM VAULT ANCHOR MAT MEET DEMO	910.00	910.00
1.00		VAULT RUNWAY 3' X 82' X 1 3/8" MEET DEMO	900.00	900.00
1.00	407-233	TAC/10 LZT VAULT BOARD	1,145.00	1,145.00
1.00	407-238	CONTOURED VAULT SAFETY ZONE MEET DEMO	590.00	590.00
1.00	416-098	TAC/10 ROUND OFF PAD, 39.4" X 51.2" X 1 3/8" (1M X 1.3M X 3.6CM) MEET DEMO	385.00	385.00
1.00		8' X 18' X 12CM LANDING MAT BI FOLD MADE AAI STYLE	1,739.00	1,739.00
1.00		7' X 10' X 8" SKILL CUSHION	1,090.00	1,090.00
1.00		7' X 10' X 4" THROW MAT	783.00	783.00

Midwest Gym Supply does not charge or collect out of state sales tax.

Credit Card Payments subject 3% service charge fee.

Subtotal	Continued
Sales Tax	Continued
Freight	
TOTAL	Continued

MIDWEST GYM SUPPLY, INC.775 SCOTT COURT
MADISON, IN 47250
800-876-3194**QUOTATION**Quote Number: MGS-11250
Quote Date: Sep 12, 2022
Page: 2Voice: 812-265-4099
Fax: 812-273-4875**Quoted To:**OLENTANGY LIBERTY HIGH SCHOOL
3584 HOME ROAD
POWELL, OH 43065OLENTANGY LIBERTY HIGH SCHOOL
3584 HOME ROAD
POWELL, OH 43065

Customer ID	Good Thru	Payment Terms	Sales Rep
OLENTANGY LIBERTY HS	10/12/22	Net Due	1110

Quantity	Item	Description	Unit Price	Amount
		BARS		
1.00	407-937	EVO-ELITE UNEVEN BARS WITH GRAPHITE E RAILS MEET DEMO	5,386.00	5,386.00
16.00	422-123	STYLE E FLOOR PLATE - 2-7/8" OR LESS	185.00	2,960.00
1.00		7' 6" X 15' 6" X 12CM LANDING MAT BI FOLD V2 BLUE	1,487.00	1,487.00
2.00		8' X 12' X 12CM LANDING MAT BI FOLD V2 BLUE	1,285.00	2,570.00
1.00		7' X 10' X 8" SKILL CUSHION	1,090.00	1,090.00
1.00		7' X 10' X 4" THROW MAT	783.00	783.00
		BEAM		
1.00	407-440	AAI ELITE RA BALANCE BEAM MEET DEMO	4,200.00	4,200.00
2.00		7' 6" X 15' 6" X 12CM LANDING MAT BI	1,487.00	2,974.00

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Subtotal	Continued
Sales Tax	Continued
Freight	
TOTAL	Continued

MIDWEST GYM SUPPLY, INC.775 SCOTT COURT
MADISON, IN 47250
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3584 HOME ROAD
POWELL, OH 43065OLENTANGY LIBERTY HIGH SCHOOL
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Customer ID	Good Thru	Payment Terms	Sales Rep
OLENTANGY LIBERTY HS	10/12/22	Net Due	1110

Quantity	Item	Description	Unit Price	Amount
		FOLD V2 BLUE MADE AAI STYLE		
1.00	416-315	ELITE BEAM FILLER SYSTEM - 12CM MEET DEMO	798.00	798.00
2.00		8' X 12' X 12CM LANDING MAT BI FOLD V2 MADE AAI STYLE	1,285.00	2,570.00
1.00		7' X 10' X 8" SKILL CUSHION	1,090.00	1,090.00
1.00		7' X 10' X 4" THROW MAT CAN BE MADE FOLDING FOR \$70 MORE	783.00	783.00
		FLOOR		
1.00		SKIRTING FOR 42' X 42' SPRING FLOOR	562.00	562.00
1.00		FLOOR CORNER MATS	2,989.00	2,989.00
1.00	SHIPPING	SHIPPING / FREIGHT/ DELIVERY	4,950.00	4,950.00
1.00		INSTALLATION OF 16 FLOOR ANCHORS (E PLATES)	5,600.00	5,600.00
Subtotal				Continued
Sales Tax				Continued
Freight				
TOTAL				Continued

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OLENTANGY LIBERTY HIGH SCHOOL
3584 HOME ROAD
POWELL, OH 43065

OLENTANGY LIBERTY HIGH SCHOOL
3584 HOME ROAD
POWELL, OH 43065

Customer ID	Good Thru	Payment Terms	Sales Rep
OLENTANGY LIBERTY HS	10/12/22	Net Due	1110

Quantity	Item	Description	Unit Price	Amount
1.00		TRIP CHARGE	880.00	880.00
			Subtotal	54,054.00
			Sales Tax	
			Freight	
			TOTAL	54,054.00

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