

**ADDENDUM
NO. 1**

October 26, 2022

CENTRAL HIGH SCHOOL HVAC IMPROVEMENTS
2432 North Drake Road
Kalamazoo, MI, 49006

TO: ALL BIDDERS OF RECORD

****BIDS DUE DATE CHANGED TO NOVEMBER 8, 2022****

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated October 3, 2022, by TowerPinkster. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 1-1 through ADD 1-2, Guideline Schedule, and RFI Log.

A. SPECIFICATION SECTION 00 00 10 – TITLE PAGE

1. All references to the **Bids Received Date** are to change from November 1, 2022, to **November 8, 2022**. Bids remain due at 2:00 PM (EST) and will be publicly read aloud immediately following the deadline.

B. SPECIFICATION SECTION 00 02 00 – NOTICE TO BIDDERS

1. All references to the **Bids Received Date** are to change from November 1, 2022, to **November 8, 2022**. Bids remain due at 2:00 PM (EST) and will be publicly read aloud immediately following the deadline.

C. SPECIFICATION SECTION 00 10 00 – INSTRUCTIONS TO BIDDERS

1. Part 1.18 Time of Commencement and Completion

Revise the following:

1. It is anticipated that construction will start within **46** calendar days after receipt of bids.

D. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

1. Part 1.16 Time of Commencement and Completion

Revise the following:

1. It is anticipated that construction will start within **46** calendar days after receipt of bids.

E. SPECIFICATION SECTION 01 32 00 – SCHEDULES AND REPORTS

1. Refer to the attached Guideline Construction Schedule, dated October 13, 2022.

F. RFI LOG AND SUBSTITUTION REQUESTS

1. Refer to the attached Request for Information (RFI Log), dated October 21, 2022.

Activity Name	Original Duration	Start	Finish	2023												2024												2025											
				Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul		
KPS - K-Central HS HVAC Improvements	687	18-Oct-22 A	30-Aug-24	KPS - K-Central HS HVAC Improvements																																			
Project Administration	687	18-Oct-22 A	30-Aug-24	Project Administration																																			
Pre-Bid Meeting	0	18-Oct-22 A		◆ Pre-Bid Meeting																																			
Addendum No. 1	0		25-Oct-22*	◆ Addendum No. 1																																			
Bids Due	0		08-Nov-22*	◆ Bids Due																																			
Bids Published	0	09-Nov-22*		◆ Bids Published																																			
KPS-TP-TSC Post-Bid Interviews	5	14-Nov-22*	18-Nov-22	▣ KPS-TP-TSC Post-Bid Interviews																																			
TSC Recommendation to KPS	0		28-Nov-22*	◆ TSC Recommendation to KPS																																			
KPS Board of Education to Award Contracts	0	08-Dec-22 A		◆ KPS Board of Education to Award Contracts																																			
Notice to Proceed	0	09-Dec-22 A		◆ Notice to Proceed																																			
Material Procurement	120	09-Dec-22*	25-May-23	▣ Material Procurement																																			
Submittals Due	0		31-Jan-23 A	◆ Submittals Due																																			
KPS Last day of School	0	12-Jun-23*		◆ KPS Last day of School																																			
Owner Move Out	2	12-Jun-23*	13-Jun-23	▣ Owner Move Out																																			
Punch List Walkthrough Phase 1 (KPS-TP-TSC)	2	11-Aug-23*	14-Aug-23	▣ Punch List Walkthrough Phase 1 (KPS-TP-TSC)																																			
Punch List Corrections 2023	10	15-Aug-23 A	23-Aug-23	▣ Punch List Corrections 2023																																			
Inspections 2023	5	15-Aug-23*	21-Aug-23	▣ Inspections 2023																																			
KPS Final Cleaning and Staff Move-in	5	22-Aug-23*	28-Aug-23	▣ KPS Final Cleaning and Staff Move-in																																			
KPS First Day of School 2023	0		28-Aug-23 A	◆ KPS First Day of School 2023																																			
Closeout Submittals Due	0		01-Aug-24*	◆ Closeout Submittals Due																																			
Punch List Walkthrough Phase 2 (KPS-TP-TSC)	2	08-Aug-24*	09-Aug-24	▣ Punch List Walkthrough Phase 2 (KPS-TP-TSC)																																			
Punch List Corrections 2024	10	12-Aug-24*	23-Aug-24	▣ Punch List Corrections 2024																																			
Substantial Completion Date	0		26-Aug-24 A	◆ Substantial Completion Date																																			
KPS First Day of School 2024	5	26-Aug-24*	30-Aug-24	▣ KPS First Day of School 2024																																			
Phase 1 (Unit C & D2)	49	12-Jun-23	17-Aug-23	Phase 1 (Unit C & D2)																																			
Pre-Demo Photos	1	12-Jun-23*	12-Jun-23	▣ Pre-Demo Photos																																			
Floor Protection	2	13-Jun-23	14-Jun-23	▣ Floor Protection																																			
Temp. Enclosures	2	14-Jun-23	15-Jun-23	▣ Temp. Enclosures																																			
Architectural Demo (Including salvaging ceiling grid/tile, doors, frames, casework, storefront, etc.)	10	15-Jun-23*	28-Jun-23	▣ Architectural Demo (Including salvaging ceiling grid/tile, doors, frames, casework, storefront, etc.)																																			
MEP Demo	12	15-Jun-23	30-Jun-23	▣ MEP Demo																																			
Technology Testing, Documentation, Removal, and Turnover to KPS	8	16-Jun-23	27-Jun-23	▣ Technology Testing, Documentation, Removal, and Turnover to KPS																																			
MEP Rough-in	15	27-Jun-23	17-Jul-23	▣ MEP Rough-in																																			
Aluminum Windows, Storefronts, and Entrances	20	29-Jun-23	26-Jul-23	▣ Aluminum Windows, Storefronts, and Entrances																																			
Roofing (Framing, Penetrations, Curbs, Patching, Etc.)	15	03-Jul-23	21-Jul-23	▣ Roofing (Framing, Penetrations, Curbs, Patching, Etc.)																																			
Install new Mechanical Units and Connections	15	11-Jul-23	31-Jul-23	▣ Install new Mechanical Units and Connections																																			
Rough-in Inspections	1	18-Jul-23	18-Jul-23	▣ Rough-in Inspections																																			
Electrical Finishes (Lighting, Devices, Cover Plates, Etc.)	15	19-Jul-23	08-Aug-23	▣ Electrical Finishes (Lighting, Devices, Cover Plates, Etc.)																																			
Ceiling Grid and Border Tile	12	19-Jul-23	03-Aug-23	▣ Ceiling Grid and Border Tile																																			

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

218020.38 - KPS - K-Central HS HVAC Improvements

Guideline Schedule - 13-Oct-22



KPS Kalamazoo Central High School HVAC Improvements - Pre-Bid RFI Log

TSC PN: #

Date - 10/21/2022



RFI #	Company Submitting RFI	Date Received	RFI Description	RFI Response
1	RW Lapine	10/19/2022	Due to the complexity of the pneumatic control system currently in place, please clarify if bid package 6 will be covering the demolition and cut/cap and modifications needed to the existing system	Demolition of the pneumatics in the areas of work is required. The intent is to remove all pneumatics in units C, D1, D2, and E with the exception of the boiler room.
2	RW Lapine	10/19/2022	Equipment schedules for the project do not coincide with the drawings for actual hydronic flow rates on equipment throughout multiple drawings and equipment types. Please clarify actual hydronic flow rates required. This is seen throughout fin tube, cabinet heaters, convectors etc.	Will be addressed in Addendum 2.
3	RW Lapine	10/19/2022	M305 Detail 2 appears to be shown incomplete. Piping has no labels on some, no sizes on others, and no system types. Please advise	Will be addressed in Addendum 2.
4	RW Lapine	10/19/2022	Drawing M202D1 has numerous piping branches as well as mains without line sizes. Please advise. Branches noted - heating coil 505, FR-508, FR-506, and mains above Vestibule 24 have no designated sizing	Will be addressed in Addendum 2.
5	RW Lapine	10/19/2022	Drawing M202C indicates no piping sizes on the chilled water return line in the corridor headed north to unit D2. Mains are depicted as continuation on M202C drawing, but they appear to be dead ends within the lower fan room without pipe sizing as well. This is shown in detail 2 Print M301	Will be addressed in Addendum 2.
6	RW Lapine	10/19/2022	Heating supply and Heating return are depicted in detail 2 Print M301 coming from unit C are not indicated where to be routed for tie in to the existing system. Piping appears to be dead ended within the mechanical space. Please clarify	Will be addressed in Addendum 2.
7	RW Lapine	10/19/2022	M301 Upper fan room detail 3-200 shows 4" HS, 4" HR, 4"CWR, 4" CWS turning down within the upper right hand corner. Are we to assume 4" connections continued through drawing M202 in the office 419 to the connecting corridor to Mechanical room 423? No line sizes are noted on these drawings. Please clarify.	Will be addressed in Addendum 2.
8	RW Lapine	10/19/2022	Drawing M200C, plan southeast indicates the junction of unit C and F zones. Upon site visit, Unit F is fed from these steam lines. Are we to reconnect or abandon these branches for the project? Please clarify	Will be addressed in Addendum 2.
9	RW Lapine	10/20/2022	Pump details. There are no details for base mounted pumps. Will this be issued in the addendum? Please advise	Will be addressed in Addendum 2.
10	RW Lapine	10/20/2022	Steam, steam condensate, chilled water supply, and chilled water return all appear to be entering the boiler room via a tunnel on drawing M200, M200D2, M202D2. There isn't a noted point of connection, or detail on location of tie in associated with these 4 mains. Is the intent to create an isolation point with flanges and valves on or near the risers, or within the boiler room space? Please advise	Will be addressed in Addendum 2.
11	RW Lapine	10/20/2022	M200D2 print indicates 6" steam, 6" condensate, 6" chilled water supply, 6" chilled water return entering the boiler room space with indicated continuation. Are these pipe sizes correct? Specifically the 6" condensate, as it is being pumped from CR-1 and CR-2. There isn't a noted point of connection, or detail on location of tie in associated with these 4 mains. Is the intent to create an isolation point with flanges and valves? Please advise.	Will be addressed in Addendum 2.
12	RW Lapine	10/20/2022	M200C print indicates 8" Steam, 2-1/2" Steam condensate, 8" Chilled water supply, and 8" Chilled Water return entering unit B by what appears to be above the tunnels within the connecting corridor. Is this exposed or above ceiling space? There isn't a noted point of connection, or detail on location of tie in associated with these 4 mains. Is the intent to create an isolation point with flanges and valves? Please advise.	Will be addressed in Addendum 2.
13	RW Lapine	10/20/2022	Drawing M200C indicates CR-2 in the tunnel on the south end of the building. Drawing M200D2 indicates another CR-2 on the north end of unit D2 as well as CR-1 on the south end of unit D2. There are no scheduled items referencing condensate receivers. M506 shows a detail on condensate receiver piping and notes CR-1, but not CR-2. Please advise.	Will be addressed in Addendum 2.
14	RW Lapine	10/20/2022	M202E print within classroom 540 shows VUV-540. No piping is shown servicing this unit. Please indicate connection points to the system and sizing needed	Will be addressed in Addendum 2.
15	RW Lapine	10/21/2022	Expansion joints and anchorage points. Specifications state manufacturers and types, but drawings indicate no expansion or anchorage points for any of the hydronic heating lines, any steam condensate or steam mains within the project. Please advise	Expansion of steam lines is intended to be deligated design, to contractor is responsible for achorage points and expansion compensation.
16	RW Lapine	10/21/2022	Radiant fin tube. Details shown on M505 depict single row radiant fin tube, but all Finned tube scheduled is 2 row design. Please clarify and/or provide a detail for 2 row finned tube panels.	Will be addressed in Addendum 2.
17	RW Lapine	10/21/2022	M506 drawing shows AHU heating coil piping detail. The detail notes accessible above ceilings, and also notes dropping pipes in brick columns which I believe refers to HUV items. Please advise.	Will be addressed in Addendum 2.

18	RW Lapine	10/21/2022	There is no piping detail for Horizontal univents. Please provide appropriate piping schematic/detail.	Will be addressed in Addendum 2.
19	RW Lapine	10/21/2022	Drawing M200D2 shows UH-3 in Receiving 413 without any piping serving it. There is also no piping detail for these unit heaters as well. Please advise.	Will be addressed in Addendum 2.