

ADDENDUM NO. 3

TO THE DRAWINGS AND SPECIFICATIONS
FOR THE
Burgin Independent School Addition & Renovation
Burgin, Kentucky
RTA 1904
BG 19-262
October 23, 2019

To All Plan Holders of Record:

This Addendum modifies bid documents dated September 13, 2019 for the above project and shall become part of said documents in the preparation of proposals and execution of work of the subject project.

General:

1. Refer to the attached Addendum dated 10/21/2019 for Food Service items from Joby Smith & Associates.
2. Refer to the attached Addendum #3-MEP dated 10/22/2019 for Plumbing, Mechanical, and Electrical items from CMTA Engineers.

Specifications:

1. **Refer to specification section 004100 – Form of Proposal:**
 - a) Replace Form of Proposal with attached, revised form.
2. **Refer to specification section 007300 – Supplementary Conditions:**
 - a) Add the following Article 1.16.E
 - i) As indicated above, liquidated damages will be assessed for Phase 1 and Phase 2, and may be assessed concurrently. Sub-phases within Phase 1 and Phase 2 will not incur individual liquidated damages assessments.
3. **Refer to specification section 012100 – Allowances:**
 - a) 1.04.B: Replace the first sentence of Allowance No. 2 with the following: “Provide labor, materials and equipment necessary for the demolition and replacement 100 linear feet each of 2x8, 2x6, and 2x4 pressure-treated wood blocking.”
4. **Refer to specification section 012300 – Alternates:**
 - a) Add the following to Article 1.04, Schedule of Alternates:
 - i) G. Alternate No. 7 – Cafeteria AV System: Provide labor, materials and equipment to install new projection screen, sound system and projector as indicated on the drawings and as specified. Rough-in for this equipment is included within the Base Bid. Comply with all contract document requirements.
 - ii) H. Alternate No. 8 – Roll-In Combi Oven: Provide labor, materials and equipment to install a new roll-in combi oven as indicated on the drawings and as specified. Note that under the base bid, the Owner’s existing roll-in combi oven will be reused. Comply with all contract document requirements.

Drawings:

1. **Refer to sheet G0.2 Phasing Plan:**
 - a) Revise Phase 1C description to include Alternates #7 & #8
 - b) Revise Phase 1D description to delete Alternate #7

2. **Refer to sheet SD2.1 Site Grading Plan:**
 - a) Revise Site Grading Note #13 to read as follows:
 - i) Excess satisfactory soils are to be disposed of off-site.

3. **Refer to sheet A8.3 Alternates #4 and #5:**
 - a) Revise the Alternates list above the key plan as follows:
 - i) Alternate No. 7 – Cafeteria AV System
 - ii) Alternate No. 8 – Roll-In Combi Oven

END OF ADDENDUM

BG No. 19-262

Date: _____ To: (Owner) Burgin Independent Board of Education

Project Name: Burgin Independent School Addition & Renovation Bid Package: NA (GC)

City, County: Burgin, Mercer County, Kentucky

Name of Contractor: _____

Mailing Address: _____

Business Address: _____ Telephone: _____

Having carefully examined the Instructions to Bidders, Contract Agreement, General Conditions, Supplemental Conditions, Specifications, and Drawings, for the above referenced project, the undersigned bidder proposes to furnish all labor, materials, equipment, tools, supplies, and temporary devices required to complete the work in accordance with the contract documents and any addenda listed below for the price stated herein.

Addendum _____ (Insert the addendum numbers received or the word "none" if no addendum received.)

BASE BID: For the construction required to complete the work, in accordance with the contract documents, I/We submit the following lump sum price of:

Use Figures

_____ Dollars & _____ Cents

Use Words

Use Words

ALTERNATE BIDS: (If applicable and denoted in the Bidding Documents)

For omission from or addition to those items, services, or construction specified in Bidding Documents by alternate number, the following lump sum price will be added or deducted from the base bid.

Alternate Bid No.	Alternate Description	+ (Add to the Base Bid)	- (Deduct from the Base Bid)	No Cost Change from the Base Bid
Alt. Bid No. 1	Basement Renovation			<input type="checkbox"/>
Alt. Bid No. 2	FMD Classroom & First Aid Office			<input type="checkbox"/>
Alt. Bid No. 3	Media Center Circulation Desk			<input type="checkbox"/>
Alt. Bid No. 4	Parent Loop Canopy #1			<input type="checkbox"/>
Alt. Bid No. 5	Parent Loop Canopy #2			<input type="checkbox"/>
Alt. Bid No. 6	Owner's Preferred Hardware Manufacturers			<input type="checkbox"/>
Alt. Bid No. 7	Cafeteria AV System			<input type="checkbox"/>
Alt. Bid No. 8	Roll-In Combi Oven			<input type="checkbox"/>
Alt. Bid No. 9				<input type="checkbox"/>
Alt. Bid No. 10				<input type="checkbox"/>

A maximum of 10 Alternate Bids will be acceptable with each Base Bid. Do not add supplemental sheets for Alternate Bids to this document.

LIST OF PROPOSED SUBCONTRACTORS:

List on the lines below each major branch of work and the subcontractor involved with that portion of work. If the branch of work is to be done by the Contractor, so indicate.

The listing of more than one subcontractor in a work category shall invalidate the bid.

The listing of the bidder as the subcontractor for a work category certifies that the bidder has in current employment, skilled staff and necessary equipment to complete that category. The architect/engineer will evaluate the ability of all listed subcontractors to complete the work and notify the owner. Listing of the bidder as the subcontractor may invalidate the bid should the architect's review indicate bidder does not have skilled staff and equipment to complete the work category at the time the bid was submitted.

A maximum of 40 subcontractors will be acceptable with each bid. Do not add supplemental sheets for subcontractors to this document.

The bidder shall submit the list of subcontractors with the bid.

	<u>BRANCH OF WORK</u> (to be filled out by the Architect)	<u>SUBCONTRACTOR</u> (to be filled out by the contractor)
1.	Structural Concrete – Footings, Stem Walls & Slabs	
2.	Structural Steel / Joists / Decking	
3.	Underslab Vapor Barrier	
4.	Masonry & Stone	
5.	VCT	
6.	Ceramic Tile	
7.	Aluminum Storefront & Glazing	
8.	Door Hardware	
9.	Painting	
10.	PVC Roofing System	
11.	Coated Foam Roofing	
12.	Lightweight Insulating Concrete	
13.	Sprayed on Thermal Insulation	
14.	Gypsum Board Assemblies	
15.	Food Services Equipment	
16.	Electrical	
17.	Electrical – Low Voltage	

	<u>BRANCH OF WORK</u> (to be filled out by the Architect)	<u>SUBCONTRACTOR</u> (to be filled out by the contractor)
18.	Fire Alarm	
19.	HVAC	
20.	Sheet Metal	
21.	Temperature Controls	
22.	Plumbing	
23.	Insulation	
24.	Earthwork	
25.	Storm Drainage	
26.	Asphalt Pavement	
27.	Concrete Pavement	
28.	Lawn and Landscaping	
29.	Dumpster Enclosure	
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LIST OF PROPOSED SUPPLIERS AND MANUFACTURERS:

List on the lines below each major material category for this project and the suppliers and manufacturers involved with that portion of work. Listing the supplier below means the Contractor is acknowledging authorization from the Supplier to include the Supplier in this bid.

The listing of more than one supplier or manufacturer in a material category shall invalidate the bid.

A maximum of 40 suppliers and manufacturers will be acceptable with each bid. Do not add supplemental sheets for suppliers to this document.

The bidder shall submit the list of suppliers and manufacturers within one (1) hour of the bid.

	<u>MATERIAL DESCRIPTION BY SPECIFICATION DIVISION AND CATEGORY</u> (to be filled out by the Architect or Contractor)	<u>SUPPLIER</u> (to be filled out by the Contractor)	<u>MANUFACTURER</u> (to be filled out by the Contractor)
1.	Concrete - Structural		
2.	Concrete Unit Masonry		
3.	Structural Steel		
4.	Steel Joist		
5.	Steel Decking		
6.	VCT		
7.	Ceramic Wall Tile (All Types)		
8.	Cultured Stone Veneer		
9.	Printed Wall Graphics		
10.	Aluminum Storefront		
11.	Premanufactured Canopy		
12.	Ceiling Tile & Grid		
13.	Paint		
14.	Face Brick		
15.	Sprayed On Thermal Insulation		
16.	Coated Foam Roofing		
17.	Thermoplastic Membrane		
18.	Food Service Equipment (attach list)		

	<u>MATERIAL DESCRIPTION BY SPECIFICATION DIVISION AND CATEGORY</u> (to be filled out by the Architect or Contractor)	<u>SUPPLIER</u> (to be filled out by the Contractor)	<u>MANUFACTURER</u> (to be filled out by the Contractor)
19.	Disconnect Switches		
20.	Surge Protector (T.V.S.S.)		
21.	Emergency Manual Transfer Switch		
22.	Telephone / Data Equipment		
23.	AV Door Intercom		
24.	Grounding System		
25.	Panelboards and Switchgear		
26.	Fire Alarm System		
27.	Paging / Intercom System		
28.	Security / Intrusion Detection System		
29.	Cafeteria Sound System		
30.	Lighting Fixture Types (attach list)		
31.	Rooftop Packaged HVAC Equipment		
32.	Split Systems		
33.	Exhaust Fans		
34.	Plumbing Fixtures		
35.	Hot Water Heater		
36.	Register, Grilles, Diffusers		
37.	Asphalt		
38.	Concrete – Site		
39.	Storm Drainage Piping		
40.	Storm Drainage Structures		

UNIT PRICES:

Indicate on the lines below those unit prices to determine any adjustment to the contract price due to changes in work or extra work performed under this contract. The unit prices shall include the furnishing of all labor and materials, cost of all items, and overhead and profit for the Contractor, as well as any subcontractor involved. These unit prices shall be listed in units of work.

A maximum of 40 unit prices will be acceptable with each bid. Do not add supplemental sheets for unit pricing to this document.

The bidder shall submit the list of unit prices within one (1) hour of the bid.

	<u>WORK</u> (to be filled out by the Architect)	<u>PRICE / UNIT</u> (to be filled out by the Contractor)	<u>UNIT</u> (to be filled out by the Contractor)
1	2 x 4 wood blocking demolition / replacement		/LF
2	2 x 6 wood blocking demolition / replacement		/LF
3	2 x 8 wood blocking demolition / replacement		/LF
4	Voice/Data outlet with 200' of conduit/wiring and terminations		/EA
5	Duplex Convenience Outlet Installed Complete with 50 ft. of 3/4" Conduit and 2#12, 1#12 Ground		/EA
6	Fire alarm A/V unit with 25' of conduit/wiring and connection to circuit		/EA
7	Fire alarm Manual Pull Station with 25' of conduit/wiring and connection to circuit		/EA
8	Fire Alarm Duct Smoke Detector Complete with 50 Ft. of 3/4" Conduit and Conductors, connection to circuit		/EA
9	Exit light with 25' of conduit/wiring and connection to circuit		/EA
10	Trench Earth Excavation and Off Site Disposal		/CY
11	Trench Rock Excavation and Off-Site Disposal		/CY
12	DGA, Installed and Compacted		/CY
13	Demolish Existing Asphalt Pavement and Base and Dispose of Off Site		/SY
14	Asphalt Paving and Stone Base		/SY
15	Mass Earth Excavation and Off-Site Disposal		/CY
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17			
18			

	<u>WORK</u> (to be filled out by the Architect)	<u>PRICE / UNIT</u> (to be filled out by the Contractor)	<u>UNIT</u> (to be filled out by the Contractor)
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DIRECT MATERIAL PURCHASES:

Indicate on the lines below those materials to be purchased directly by the Owner with a Purchase Order to be issued by the Owner to the individual suppliers. The value of the direct Purchase Order cannot be less than \$5,000. Following the approval of bids, the Contractor shall formalize this list by completing and submitting the electronic Purchase Order Summary Form provided by KDE. Listing the supplier below means the Contractor is acknowledging authorization from the Supplier to include the Supplier in this bid.

A maximum of 50 POs will be acceptable with each bid. Do not add supplemental sheets for additional POs to this document.

The bidder shall submit the list of Purchase Orders within four (4) days of the bid.

	<u>SUPPLIER</u> (to be filled out by the Contractor)	<u>PURCHASE ORDER DESCRIPTION</u> (to be filled out by the Contractor)	<u>PURCHASE ORDER AMT.</u> (to be filled out by the Contractor)
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	<u>SUPPLIER</u> (to be filled out by the Contractor)	<u>PURCHASE ORDER DESCRIPTION</u> (to be filled out by the Contractor)	<u>PURCHASE ORDER AMT.</u> (to be filled out by the Contractor)
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	<u>SUPPLIER</u> (to be filled out by the Contractor)	<u>PURCHASE ORDER DESCRIPTION</u> (to be filled out by the Contractor)	<u>PURCHASE ORDER AMT.</u> (to be filled out by the Contractor)
45.			
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TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS:

In the event that a bidder's proposal is accepted by the Owner and such bidder should fail to execute the contract within ten (10) consecutive days from the date of notification of the awarding of the contract, the Owner, at his option, may determine that the awardee has abandoned the contract. The bidder's proposal shall then become null and void, and the bid bond or certified check which accompanied it shall be forfeited to and become the property of the Owner as liquidated damages for failure to execute the contract.

The bidder hereby agrees that failure to submit herein above all required information and/or prices can cause disqualification of this proposal.

Submitted by:

NAME OF CONTRACTOR / BIDDER:

AUTHORIZED _____ REPRESENTATIVE'S _____ NAME:
Signature

AUTHORIZED _____ REPRESENTATIVE'S _____ NAME (printed):

AUTHORIZED REPRESENTATIVE'S TITLE: _____

NOTICE: Bid security must accompany this proposal if the Base Bid price is greater than of \$25,000.

This form shall not be modified.

FOOD SERVICE EQUIPMENT: JOBY SMITH & ASSOCIATES**SPECIFICATIONS**

1. 114000 – Food Service Equipment Floor Plan

a) Added:

ITEM 15 – COMBI OVEN ON STAND – ONE (1) EXISTING

Existing, supplied by owner. K.E.C. to relocate as shown on Food Service Equipment Floor Plan drawing.

RA/N: G61ME04082011123

120/60/1

B.T.U.: 41,000

Provide new for this item: Food safe water hoses and quick disconnect swivel gas hose assembly.

MANUFACTURER & MODEL: RATIONAL GM 61GITEM 15 COMBI OVEN – ROLL-IN:
Changed to ITEM 15A – Alternate #8.

b) Revised:

ITEM 15 – COMBI OVEN – ROLL-IN – ONE (1) REQUIRED.

Changed to:

ITEM 15A – COMBI OVEN – ROLL-IN – ONE (1) ALTERNATE #8.

Provide roll-in model, natural gas CombiMaster PLUS on legs with adjustable feet. Oven to have 304 stainless steel interior and exterior, and include: right-hinged door with rear-ventilated double-glass, plug-in type door gasket, integral sealing mechanism for cooking cabinet, magnetic door switch with automatic shut-off when opened and restart when closed, seamless hygienic cooking cabinet with coved corners and splash guard, halogen illuminated cooking cabinet, Care Control system with automatic cleaning and descaling of steam generator, 7 cleaning stages for unsupervised overnight cleaning and care, reversing programmable 5 speed fan, integral fan impeller brake, safety temperature limiter, high-performance fresh steam generator, automatic active rinsing and drainage of steam generator by pump, CombiMaster PLUS control panel, individual programming of 100 cooking programs with up to 6 steps each, diagnostic system with automatic service notices, mode and alarm displays, HACCP data output and software update via integral USB Interface, manual cleaning program, integral maintenance free grease extraction system, cool down system, automatic adaptation to the installation location (elevation, climate, etc), swiveling service door for service and monitoring, retractable hand shower with automatic rewind, separate solenoid valves for fresh or soft water, menu-guided descaling program, demand related power supply by means of modulating, low-noise high-performance blower burner system, integral core temperature probe, mobile oven rack with tandem casters, and handle mount for mobile oven rack. Oven to be microprocessor controlled. 336,000 BTU 208/60/1

CombiMaster PLUS control panel to include: power on/off dial with pictograms for operation modes, cool down control, programming/program start button, humidity setting controls, LED illuminated clear display with dial for cooking cabinet temperature setting, fan speed control, LED illuminated clear display with dial and buttons to set and view cooking time (selection 0-24 hours with continuous run settings) and core temperature.

Provide with the following options: one (1) extra mobile oven rack, thirty (30) grid shelves, forty-eight (48) 12” x 20” CombiFry baskets, automatic drain cool down kit (cool down kit must be able to cool drain water down to a minimum of 140°), certified Rational install, container of 56.00.210A oven cleaner tablets, container of 56.00.562 care tablets, and one (1) installation kit.

E.D.S. manufacturer to provide steam equipment manufacturer approved water filter, filtered water line, and filtered water connections.

K.E.C. to set combi in place as shown on drawing and provide copper drain line to floor sink per manufacturer's specifications.

MANUFACTURER & MODEL: RATIONAL CM P 202G

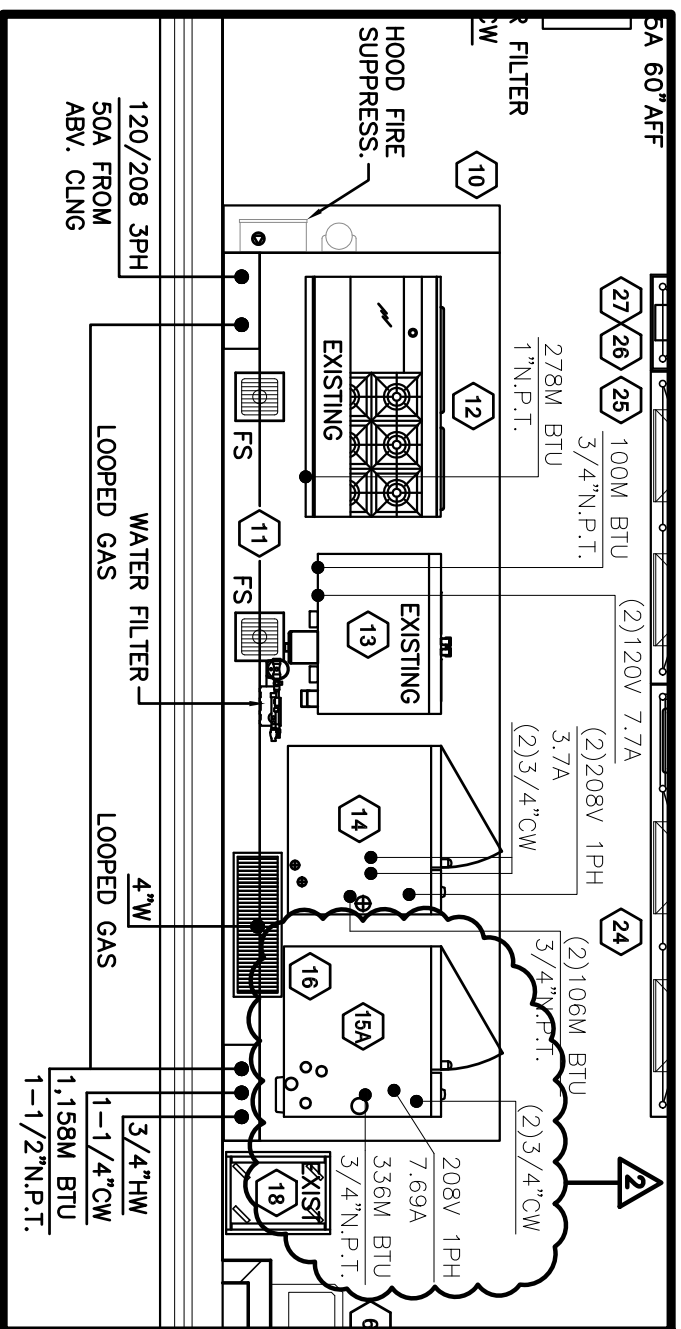
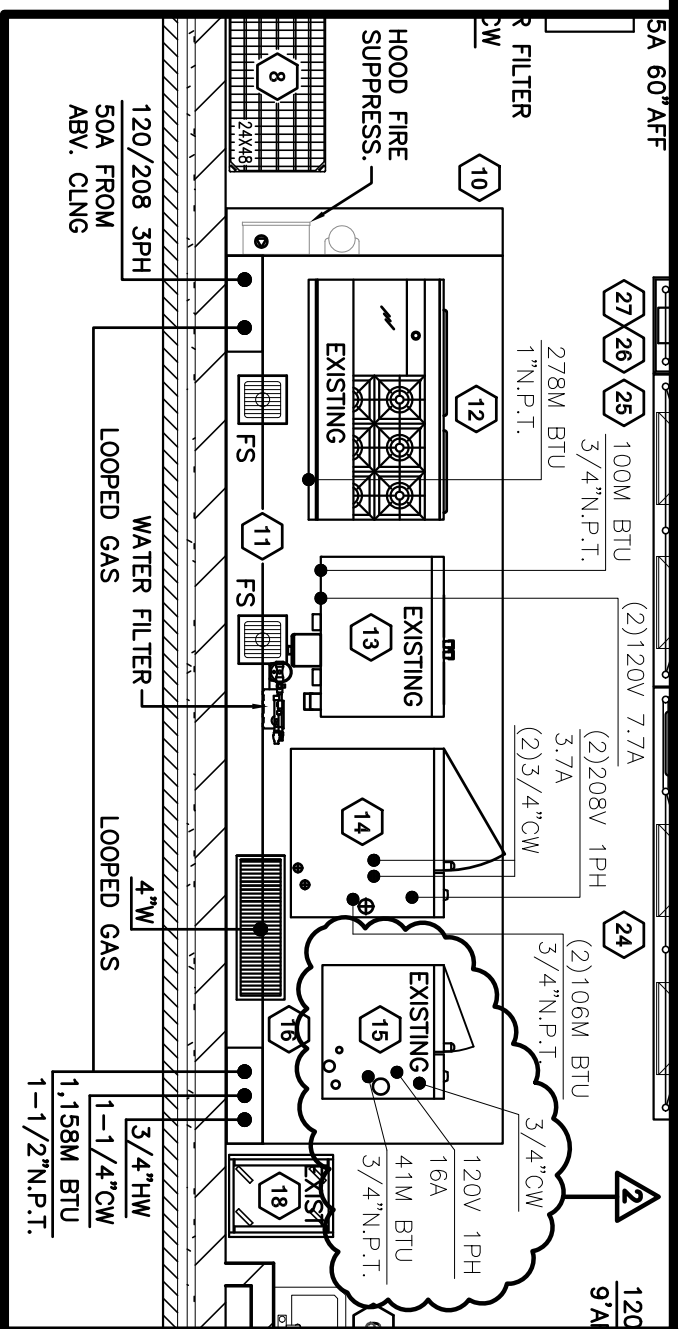
CONVOTHERM and HENNY PENNY will be accepted as an alternative manufacturer provided the product conforms to the dimensions, construction, design, capacity, and function of the specified Manufacturer.

DRAWINGS

1. Drawing Sheet FS1.0, Food Service Equipment Floor Plan

- a) Revised "Kitchen Floor Plan"; Item 15 "Combi Oven - Roll-In" changed to existing "Combi Oven on Stand". Reference "Base Bid Kitchen Floor Plan" on sketch number FS1.
- b) Added "Alternate Plan drawing showing MEP details, and location, for Item 15A "Combi Oven – Roll-In, Alternate #8. Reference "Alternate #8 Kitchen Floor Plan" on sketch number FS1.
- c) Revised Equipment Schedule showing MEP details and circle reference notes for Items 15 and 15A. Reference "Equipment Schedule" on sketch number FS1.

END OF SECTION



EQUIPMENT SCHEDULE

ITEM NO.	NO. RECD	DESCRIPTION	WATER		WASTE	KW.	HP	V/PH	ELECTRICAL		GAS		RESPONSIBILITY			MANUFACTURER
			HOT	COLD					AMPS	CONN.	MTG. HT.	3 PH KW LOAD	SIZE	BTU'S	FURN. BY	
14	1	COMBI OVEN - DBL. STACK	(4) 3/4"		FS			(2) 208/1	3.7 EA.	PLUG	(2) 3/4"	106M EA.	K.E.C.	K.E.C.		(10) (13) (14)
15	1	COMBI OVEN ON STAND	3/4"		FS			120/1	16	PLUG	3/4"	41M	O.S.	K.E.C.		(1) (2) (10) (13) (14)
15A	1	COMBI OVEN - ROLL-IN ALTERNATE #8	(2) 3/4"		FS			208/1	7.69	PLUG	3/4"	336M	K.E.C.	K.E.C.		(10) (13) (14)

1904: BURGIN INDEPENDENT SCHOOL RENOVATION AND ADDITION
ADDENDUM # 3 - MEP **10/22/2019**

- Item #1 Refer to the specifications Section 201300 – Pipe, Pipe Fitting, and Pipe Support
- A. Add the following acceptable material for Domestic Cold, Hot and Recirculating Hot Water Piping (Above Slab):
- PEX PIPE AND FITTINGS – Uponor, Viega, Watts are acceptable manufacturers.
- A. PEX-a (Engel-Method Crosslinked Polyethylene) Piping: ASTM F 876 and F877 (CAN/CSA-B137.5). Aboveground domestic water piping (3 inch and below) shall be the following: PEX-a piping, with engineered polymer (EP) or lead-free brass F1960 cold-expansion fittings.
- B. PEX-a Fittings: elbows, adapters, couplings, plugs, tees and multi-port tees (1/2 inch through 3 inch nominal pipe size): ASTM F1960 cold-expansion fitting manufactured from the following material types:
1. UNS No. C69300 Lead-free (LF) Brass.
 2. UNS No. C27453 Lead-free (LF) Brass.
 3. 20% glass-filled polysulfone as specified in ASTM D 6394.
 4. Unreinforced polysulfone (group 01, class 1, grade 2) as specified in ASTM D 6394.
 5. Polyphenylsulfone (group 03, class 1, grade 2) as specified in ASTM D 6394.
 6. Blend of polyphenylsulfone (55-80%) and unreinforced polysulfone (rem.) as specified in ASTM D 6394.
 7. Reinforcing cold-expansion rings shall be manufactured from the same source as PEX-a piping manufacturer and marked "F1960".
- C. PEX-to-Metal Transition Fittings:
1. Manufacturers: Provide fittings from the same manufacturer of the piping.
 2. PEX-a to Thread Transition: One-piece brass fitting with male or female threaded adapter and ASTM F 1960 cold-expansion end, with PEX-a reinforcing cold-expansion ring.
 3. PEX-a to Copper Sweat Transition: One-piece brass fitting with sweat adapter and ASTM F 1960 cold-expansion end, with PEX-a reinforcing cold-expansion ring.
- D. VALVES
1. PEX-to-PEX, Lead Free (LF) Brass Ball Valves (1/2 inch (16 mm) through 2 inch (50 mm) nominal pipe size)
 - a. Manufacturers: Provide ball valve(s) from the same manufacturer as the piping system.
 - b. Full-port ball valve: two-piece, ASTM F1960 cold-expansion ends, with PEX-a reinforcing cold-expansion ring.
 - c. LF brass valve with a positive stop shoulder manufactured from C69300 brass.
 - d. In compliance with: 250 CWP, ANSI/NSF 359, ANSI/NSF 14/61, cNSF-us-pw_G lead free 0.25% Lead max., ASTM F1960, ASTM F 877 (CAN/CSA B137.5).
- Item #2 Refer to the specifications Section 260519 Conductors
- A. Delete Section 5.E Schedule of Wiring. In lieu of the wiring listed here, refer to 265116 for lighting control cabling, 270610 for voice/data cabling, 275100 for paging/intercom cabling, 275110 for AV cabling.
- Item #3 Refer to the specifications Section 260533 Raceways and Fittings
- A. Refer to section 1.C. MC copper cabling will be allowed for all branch circuit wiring in this project. Contractor shall route homeruns in EMT conduit. Once the room is reached that the circuit serves the contractor is allowed to transition to MC cable where it will not be exposed. All MC cable must be concealed within a wall or above a ceiling. MC cable will not be allowed in exposed locations. Panel feeders and equipment feeders served out of distribution panels shall remain in conduit.
- B. Refer to section 2.M.8. Fittings for EMT are allowed to be set-screw type.
- Item #4 Refer to the specifications Section 275110 Cafeteria Sound System
- A. Include rough-in only (conduit and pull-strings to AV rack for in-wall devices, conduit and pull-strings from AV rack to above ceiling space of cafeteria for ceiling mount devices) for the cafeteria sound system in the Base Bid. Base Bid shall also include all data outlets installed complete and all receptacles for the system installed complete. Base Bid projector screen power shall be a junction box with wiring capped for extension to future screen.
- B. Include the complete installation of the cafeteria sound system as outlined in specification section 275110 in Alternate #7.
- Item #5 Refer to drawing P2.1
- A. Provide a freeze proof wall hydrant near Freezer 175E using sink chase for water line drop. Provide ¾" cold water line to FPWH with shut-off valve.
- B. Provide a freeze proof wall hydrant near Restroom 175C.1 using restroom chase for water line drop. Provide ¾" cold water line to FPWH with shut-off valve.

- C. Provide a freeze proof wall hydrant near Vestibule and Corridor A using chase for water line drop. Provide $\frac{3}{4}$ " cold water line to FPWH with shut-off valve

Item #6 Refer to drawing UE1.0

- A. Refer to tagged note 1. Conduit for this communications ductbank shall be 2-inch PVC.
 B. Refer to tagged note 1. For clarification, contractor shall terminate new fiber optic cabling to existing fiber optic connector housing. Contractor shall terminate new phone cabling to existing punchdown blocks.
 C. Where site circuits are routed below asphalt the contractor shall cut into rock to maintain minimum burial depths indicated on drawings. Conduit shall be routed below the base course as indicated on sheet SD4.2 detail A – ASPHALT PAVEMENT.
 D. Refer to general note S. The Soundings and Borings plan reference is located on sheet B0.1 in lieu of SD1.1.

Item #7 Refer to drawing UE2.0

- A. Refer to ductbank detail. Detail shall be a typical ductbank detail representing requirements of all ductbank construction. Refer to sheet UE1.0 for size and quantity of conduits.
 B. For clarification, on all details on this sheet rock is indicated to be at a depth of 2'-0". The contractor shall note that this is a minimum depth and is not consistent across the entire site. Refer to sheet B0.1 soundings and borings plan for actual depth of rock at all locations of electrical site work.
 C. Concrete cover is not required on communications ductbanks.

Item #8 Refer to drawing E2.0

- A. Refer to MEP addendum #1 – Item #15 in reference to drawing E2.0. A 200A double lug disconnect is not required for the temporary refeed of Panel P and G. A feeder tap is acceptable. The downtime shall remain limited to one weekend.

Item #9 Refer to drawing E3.0

- A. Revise the C1 light fixture nearest the kitchen exterior door to be a night-light. Provide a separate lighting relay for this fixture. During occupied hours these fixtures shall be programmed to operate with the fixtures of the adjacent zone. During unoccupied hours these fixtures shall come on to 50% brightness and remain on until occupied hours are resumed.

Item #10 Refer to drawing E4.0

- A. Provide a duplex receptacle for owner furnished, owner installed display monitors. Mount adjacent to data drop for display monitor at 7'-0" AFF. Provide this configuration in the following locations:
 i. In CORRIDOR CA on plan east wall directly across from IDF 171.
 ii. In CORRIDOR CA in plan west wall near COOLER 175F.
 iii. In CAFETERIA 172 on plan north wall adjacent to door to ELEC 172A.
 iv. In CAFETERIA 172 on plan south wall between doors to ICE MACHINE 176 and SERVERY 175.

Item #11 Refer to drawing E5.0

- A. Refer to tagged note S35. The fiber optic cabling between the two new FACP shall be routed in the same 2-inch conduit as the new fiber and phone cabling to the site ag building (refer to UE1.0 tagged note 1). Route fiber in conduit once inside the site ag building and paint to match ceiling and wall color.
 B. Provide a data drop and a dual-gang back box with extension ring for owner furnished, owner installed display monitors. Mount adjacent to receptacle for display monitor at 7'-0" AFF. Extend a 2-inch conduit with pull-string from dual-gang backbox to above ceiling space. Provide blank faceplate on backbox. Provide this configuration in the following locations:
 i. In CORRIDOR CA on plan east wall directly across from IDF 171.
 ii. In CORRIDOR CA in plan west wall near COOLER 175F.
 iii. In CAFETERIA 172 on plan north wall adjacent to door to ELEC 172A.
 iv. In CAFETERIA 172 on plan south wall between doors to ICE MACHINE 176 and SERVERY 175.

Item #12 Refer to drawing E8.1

- A. Refer to NEW ONE-LINE DIAGRAM. For clarification, where Panel P and C feeders are shown to be completely new, contractor shall note that a full length of new feeder is not required. Contractor shall replace length of feeder required for moving panel feeders from existing MSB to new SDB2.
 B. Provide SDB3 and SDB2 with integral surge protection device.
 C. Refer to the ELEC – ONE-LINE FEEDER SCHEDULE. The following feeders are allowed to be aluminum:
 Note: Feeder 43 shall remain copper.

TAG	OCPD SETTING (No change, shown for reference)	WIRE SIZE	EQUIP. GROUND	CONDUIT SIZE
8	40/2 OR 50/2 (3W)	(3) #6	(1) #8	1"
10	40/3 OR 50/3 (4W)	(4) #6	(1) #8	1"
27	125/3 (4W)	(4) #1/0	(1) #4	1-1/2"
29	150/3 (4W)	(4) #2/0	(1) #4	2"
33	200/3 (4W)	(4) #4/0	(1) #4	2-1/2"
35	225/3 (4W)	(4) #250	(1) #2	2-1/2"
37	250/3 (4W)	(4) 350 KCMIL	(1) #2	3"
47	600/3 (4W)	3 RUNS OF (4) 600 KCMIL/PHASE	(2) 250	3-1/2"
53	1000/3 (4W)	3 RUNS OF (4) 600 KCMIL/PHASE	(3) #4/0	3-1/2"

END OF ADDENDA ITEMS