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JUNE 21, 2024

ADDENDUM NO. 03

CONTRACT NO. 9502 WARNER PARK COMMUNITY RECREATION CENTER EXPANSION

This addendum is issued to modify, explain or correct the original Drawings, Specifications, or Contract Documents marked as *Warner Park Community Recreation Center Expansion, City of Madison, Contract* #9502, as issued on May 17, 2024 and is hereby made a part of the contract documents.

Please attach these Addendum documents to the Bid Proposal document, Volume 1 Architectural Drawings (Exhibit A), Volume 2 MEP Drawings (Exhibit B), and Project Manual (Exhibit C) in your possession.

BID PROPOSAL DOCUMENT

None

CONTRACT

Section 109.7: TIME OF COMPLETION updated to remove "The total time for completion of contract shall be twelve (12) months from the actual start of onsite construction work."

VOLUME 1 ARCHITECTURAL DRAWINGS (EXHIBIT A)

- 1) C500 Utility Plan
 - a) Storm pipe "STO D-3.1" relocated along north side of proposed building.
 - b) Drain basin "STO DB-3" eliminated and remaining upstream structures renamed starting from "STO DB-3".
 - c) Pipe and structure table updated to reflect revised roof drain layout.
- 2) C600 Details
 - a) 6" box curb detail removed.
- 3) D101 Demolition Plan
 - a) Detail 1: Add note in Mechanical 150 about bar grating removal.
- 4) A100 Overall Floor Plan
 - a) Detail 1: Add note in Mechanical 150 about bar grating installation.
- 5) A101 Expansion Floor Plan
 - a) Detail 1: Add 8" downspout on north wall of Gymnasium 105D. Revise downspout size on north wall of Gymnasium 105D. Add tag for door 105D-4. Add (2) 12'-0" wall pad sections on the north wall of Gymnasium 105D.
- 6) A201 Expansion Roof Plan
 - a) Detail 1: Revise photovoltaic array note. Remove miscellaneous unannotated items (4 locations). Add pipe boot note.
- 7) A301 Expansion Reflected Ceiling Plan
 - a) Add General Note #5.

- b) Detail 2: Add sound attenuation blanket note for Comfort 105B.
- 8) A400 Exterior Elevations
 - a) Detail 2: Revise downspout routing and note on west side of storefront.
- 9) A604 Exterior Details
 - a) Detail 5: Delete Detail 5.
- 10) A610 Door Schedule & Wall Types
 - a) Wall Type B: Add gypsum board header.
- 11) A700 Finish Plans & Schedule
 - a) Finish Schedule: Revise base finish in Exercise 102 and Locker Room 111A.
 - b) Finish Key: Add notes for RF-1 and RF-2.
 - c) Detail 1: Revise base callouts and extents in Exercise 102. Remove arrow from east wall of Pre-Function 105C.
- 12) A800 Enlarged Plans & Interior Elevations
 - a) Detail 1: Revise TA-01 tags in Women's Restroom 111C and Men's Restroom 111D.
 - b) Detail 12: Revise TA-03 and TA-04 tags.
- 13) A801 Interior Elevations
 - a) Detail 5: Add metal stud plenum barrier, Unistrut support system, and sound attenuation blanket to corridor ceiling construction. Note transfer grille in corridor wall. Note gypsum board paint colors at ends of corridor walls.
- 14) A811 Interior Details
 - a) Detail 2: Revise detail to show metal stud plenum barrier and Unistrut support system for corridor ceiling. Revise location of masonry lintel and note metal stud headwall as required for metal panel wall support system.
 - b) Detail 5: Revise detail to show gypsum board and sound attenuation blanket above plywood ceiling finish.
 - c) Detail 7: Revise detail to show gypsum board and sound attenuation blanket above plywood ceiling finish. Revise notes at existing metal stud walls. Revise detail to show metal stud plenum barrier and Unistrut support system for corridor ceiling.
- 15) S002 Structural Schedules
 - a) Wall Footing Schedule updated.
 - i) Added new wall footing: W18, 1'-8" Wide, 1'-0" Thickness, (2) #4; B, CONT, STOOP FTG.
 - ii) Revised footing reinforcement for W90 footing to (9) #7 CONT T&B w/ #7 @ 12" T&B SHORT DIRECTION.
- 16) S200 Foundation Plan Expansion
 - a) Revise drawings to more clearly show existing walls and footing along Grid EK, North on E13.5, along EH to Grid E15, and North on Grid E15.
 - b) Showing existing stoop in corner of EH and E13.5.
 - c) Calling out Top of Footing elevations along E15. 99'-4" North of Grid EH, stepping down to 96'-6" along Grid EH and Grid E13.5.
 - d) Revised wall footing elevations along North and East exterior walls to 99'-4" due to grades being above finished floor elevation.
 - e) Revised interior footing elevations to 99'-4".
 - f) Added footing steps North of door 105D-3 step foundations from outside wall of 96'-6" to 99'-4".
 - g) Dimensions adjusted throughout foundation plan.
 - i) Added 3" dimension to outside face of 2'-0" foundation wall for North and East wall elements.
 - h) Added detail 12/S800 section at existing foundation wall.
 - i) Revised one elevation for outer ledge to 107'-4".
 - j) Aligned inside of foundation wall at South wall.
 - k) Revised footing to W30 from W90 and changed detail from 4/S802 SIM to 1/S800 along South wall of Gym. The W90 footing start in the SE corner of the Gym.
 - 1) Added steps along the East wall of Gym at 27'-6" North of SE Corner.
 - m) Added top of slab elevations at 100'-0" throughout new addition.
 - n) Revised TW 100'-0" to TW 99'-4" at the two new openings in existing walls.
 - o) Added new top of footing elevation of 97'-6" at new footing along Grid E13.5 and Grid EH.

- p) Added new top of footing elevation of 100'-0" at new footing along Grid E15.
- q) Revised W24 footing callout along existing Foundation walls on Grid E13.5, EH and E15. They are labeled on the East and South side of these walls now matching section cut 12/S800.
- r) Note "NO CONC FDN WALL REQUIRED ABOVE NEW FTG" along Grid E13.5 and E15.
- s) Added new section cut 2/S804 to door opening on West wall of Gym.
- t) Added existing wall length dimensions of 36'-6" and 18'-4" to corner of existing at Grid E13.5 and Grid EH.
- u) Labeled both steep footings at W18.
- v) Revised top of wall elevation on South side of Gym from 98'-8" to 100'-0".
- w) Added a SLAB SCHEDULE table below FOUNDATION PLAN NOTES. 4" slab thickness to have 6x6 W1.4xW1.4 WWF. 5" slab thickness to have 6x6 W2.1xW2.1 WWF.
- 17) S201 Roof Framing Plan Expansion
 - a) Note added to lower roof in North roof, "FOR PITCH ROOF ELEVATIONS SEE A201."
 - b) Added a lintel in the existing gym wall along Grid E15.
 - c) Added a lintel in the existing wall along Grid E13.5.
 - 18) S800 Structural Details
 - a) Detail 12 revised.
 - i. Reinforcing added to the detail.
 - ii. Hooked dowel bar size changes.
 - iii. Dowels added to existing footing.
 - 19) S802 Structural Details
 - a) Detail 4 revised.
 - i. "Top of Ledge / See Plan" elevation mark added.
 - ii. "Continuous Hydrophilic Waterstop At All Construction Joints Below Grade" added.
 - 20) S804 Structural Details
 - a) Add sheet A804.
 - b) Add Detail 1 Typical Reinforced CMU Wall On Concrete Foundation Wall.
 - c) Add Detail 2 Typical Concrete Foundation Wall Below Slab.

VOLUME 2 MEP DRAWINGS (EXHIBIT B)

- 1) F201 First Floor Plan Fire Protection
 - a) Revise tie-in point of new sprinkler main piping serving new addition.
- 2) P201 Partial Enlarged Underfloor Plan Plumbing
 - a) Delete storm lateral as shown.
- 3) P203 Partial Enlarged First Floor Plan Plumbing
 - a) Delete storm lateral as shown.
 - b) Delete keyed note #3.
 - c) Revise lavatory callout in Comfort 105B from L-1 to L-2.
- 4) P400 Sanitary Waste, Vent, & Storm Isometric Plumbing
 - a) Revise lavatory callout in Comfort 105B from L-1 to L-2.
- 5) P410 Sanitary Waste, Vent, & Storm Isometric Plumbing
 a) Revise lavatory callout in Comfort 105B from L-1 to L-2.
- 6) M201 First Floor Expansion Plan HVAC
 - a) Add keyed note 44 to transfer ductwork serving 105B Comfort, as shown.
 - b) Add keyed note 45 to supply ductwork serving 105B Comfort, as shown.
 - c) Relocated TG-3, as shown.
- 7) M302 Enlarged Mechanical Room Plan HVAC
 - a) Add keyed note 43 to ductwork, as shown.
- 8) E201 Partial First Floor Plan Power and Systems
 - a) Revise systems General Notes #S8 as follows;
 - i) Video displays shall be revised from (1) LVN-3.9 and (1) LVN-5.9 to (2) LVN-3.9 displays.
 - ii) Add matrix size for both video displays.

PROJECT MANUAL SPECIFICATIONS (EXHIBIT C)

- 1) Section 03 30 00 Cast-In-Place Concrete
 - a) Revise Page 7, Line 10 (for footings).

- i) 2. Minimum Compressive Strength "<u>4000</u>" psi at 28 days.
- b) Revise Page 7, Line 16 (for foundation walls and piers).i) Added "<u>and piers</u>" to line.
- c) Revise Page 7, Line 27 (for interior slabs-on-ground).
 i) 2. Minimum Compressive Strength "<u>3500</u>" psi at 28 days.
- 2) Section 03 33 00 Architectural Concrete
 - a) Revise Page 4, Lines 7 through 22:
 - E. <u>Mockups: Before casting architectural concrete, build mockups, using the same procedures, equipment, materials, finishing procedures, and curing procedures that will be used for producing architectural concrete, to verify selections made under Sample submittals and to demonstrate typical joints, surface finish, color, texture, tolerances, and standard of workmanship. Build mockups to comply with the following requirements, using materials indicated for the completed work:</u>
 - (i) Build mockups in the location and of the size indicated or, if not indicated, as directed by architect.
 - (ii) <u>Build mockups of typical wall of cast-in-place architectural concrete as shown on drawings, including</u> vertical and horizontal rustication joints, and any sculptured features.
 - (iii) Construct mockups to include at least two lifts having heights equal to those anticipated for construction.
 - (iv) <u>Demonstrate curing, cleaning, and protecting of cast-in-place architectural concrete, finishes, and contraction joints, as applicable.</u>
 - (v) In the presence of architect, damage part of the exposed-face surface for each finish, color, and texture, and demonstrate materials and techniques proposed for repair to match adjacent undamaged surfaces.
 - (vi) In the presence of architect, demonstrate materials and techniques proposed for repair of tie holes and surface blemishes to match adjacent undamaged surfaces.
 - (vii) Obtain architect's approval of mockups before casting architectural concrete.
 - b) Revise Page 6, Lines 10 through 16:
 - C. Form-Facing wood forms:
 - 1. <u>Finishes: As cast.</u>
 - a. Exterior-grade rough sawn board form planks, that will provide continuous, true, and pattern architectural concrete surfaces, Douglas Fir, construction grade, or better, mill-applied release agent and edge sealed, complying with DOC PS 1.
 - 2. Location: Where noted on drawings.
 - 3. <u>Size: 4-inch nominal height</u>
- 3) Section 27 00 05 Structured Communications Cabling
 - a) Revise Page 3, Line 30:
 - i) Change "Mohawk cable" to "Hubbell Premise Wiring".
 - b) Revise Page 3, Line 33:
 - i) Change "Mohawk Cable or Equal" to "Hubbell Premise Wiring".
 - c) Revise Page 6, Line 47:
 - *i)* Add "To obtain Hubbell 25-year warranty, Installation needs to be Hubbell Cable with Hubbell Connectivity."
 - d) Revise Page 8, Line 37:
 - i) Change "Mohawk AdvanceNet Cable" to "Hubbell Next Speed."
 - e) Revise Page 8, Line 38:
 - i) Change "Plenum M57193" to "Plenum HC6RPB."
 - f) Revise Page 8, Line 39:
 - i) Change "Riser M57202" to "Riser HC6RRB."
 - g) Revise Page 8, Line 52:
 - i) Change "Mohawk Cable" to "Hubbell Premise."
 - h) Revise Page 8, Line 53:
 - i) Change "Singlemode Riser M9W042" to "Singlemode Riser HFCD1012RS."
 - i) Revise Page 8, Line 54:
 i) Change "Singlemode Plenum M9W048" to "Singlemode Plenum HFCD1012PS."
 - j) Revise Page 9, Line 40:
 - i) Change "24 Port P6E24U" to "24 Port HP624."
 - k) Revise Page 9, Line 41:
 - i) Change "48 Port P6E48U" to "48 Port HP648."

- 1) Revise Page 10, Line 25:
 - i) Change "HC219CE3N" to "HM24C."

CONTRACTOR QUESTIONS

 Question: Nothing is spec'd out for paging, but we have wall mounted speakers in corridor 105A. What cable are we pulling, who's responsible for providing the speaker, what manufacturer are we using for the speakers?

Answer: Contractor is required to provide speakers and backbox as stated in the Systems Key. Speaker wire for paging is a standard 2 conductor 12 awg wire. Plenum or non-plenum based on environment. West Penn or equal. Speaker shall be bogen MB8TSQ(VR)/MB8TSL(VR) or equal.

- 2) Question: Category 6A cable for Wireless Access Points? Exhibit C project specs Page 739 line item 27 Calls out for Category 6A to be used. In Exhibit B page 41 systems, system symbols, it calls out for 1 category 6 cable per Wireless Access Point. Which one are we using? Answer: CAT6A will be used for all wireless access ports.
- Question: Patch Cords who's responsible for providing these. If contractor furnished, what manufacturer, color, and length? Answer: The City will provide patch cords.
- 4) Question: Plenum or non-plenum for data cables. Answer: Per the spec the contractor must use cable that is suitable for the environment. Plenum must be used where required. Non-plenum can be used for areas where the cable does not enter/cross a plenum environment.
- 5) Question: E200 print keynote S5. 2-2" EMT from MDF to new IDF. Is this run for the fiber or is the fiber supposed to be ran in separate Innerduct like the specifications call out for? Answer: There will be 1" innerduct inside the conduit to provide protection for the fiber. City standard is two spares.
- 6) Question: Protective Wire cages for access points in the Gym are we matching ceiling color with these or is it ok to leave them natural metal color? Answer: Match ceiling color.
- Question: If the alternate for the solar is selected, will the combined energy consumption and the energy production be over or under 1 MW for the entire project? Answer: The combined energy consumption will be under 1 MW (~500 kW for geothermal and ~100 kW for solar)
- 8) Question: Who is the Commissioning Agent? Answer: Baumann Consulting
- 9) Question: Who is the tax consultant? Answer: There is not a tax consultant.
- 10) Question: Do they want the cameras covered with a wireguard in the gym? The wire guard will interfere with the picture of the camera. Not sure what cameras they are providing but most have an IK rating and should be able to withstand a decent impact without damaging the camera. Answer: Wire cages painted to match in the gym.
- 11) Question: Sheet C200 references a possible drain tile around the existing foundation that is to be removed, if found. Should the cost to carefully disconnect and remove this be provided as an alternate, so it can be added to the contract if it is found? If found, do you want the remaining drain tile tied into the drain tile around the addition?

Answer: Please exclude the drain removal of drain tile. If found, the cost to remove and any connection to be handled as a Change Order.

- 12) Question: Should we factor in the cost to remove and replace the curb and gutter and sidewalk at the access drive where the construction entrance is located?Answer: It is up to the contractor to protect the curb and gutter and sidewalk. If they don't and the curb sidewalk are damaged, the contractor will need to fix.
- 13) Question: There is a detail for 6" concrete box curb on Sheet C600. Where does this occur? Answer: This detail was left over from a previous design and has been removed.
- 14) Question: On Sheet A101, the door at the southeast corner of Gymnasium 105D is not labeled. Is this Door 105D-4?Answer: The door is labeled on sheet A500 as door 105D-4, A tag on the floor plan has been added.
- 15) Question: On Sheet A101, most of the backboards have wall pads centered on the walls behind them, but the two on the north wall do not. Is this correct that two backboards don't have wall pads?

Answer: The addendum adds wall pads to the north wall. The pads were left off that wall because of the bleachers, but added back since there won't always be bleachers there.

- 16) Question: On Sheet A500, there is a note to mount shot clocks on high school court backboards. Can you please clarify which/how many backboards receive the shot clocks? Answer: Middle school and high school basketball courts are identified on sheet A700.
- 17) Question: All glazing at storefront and curtainwall is labeled as GL-2 except for the clerestory windows on the north elevation, which are labeled as GL-1. Is this correct? Answer: GL-1 glazing is identified at the pre-function curtainwall on sheet A801.
- 18) Question: On A700, the notes for the base material in Pre-Function 105C are cut off. Can you please clarify which base material is on each wall? Answer: The note has been fixed in Addendum #3.
- 19) Question: The finish schedule on A700 calls for carpet tile with ceramic tile base in Locker Room 111A. Was this meant to be ceramic tile flooring? Answer: The locker room should get RB-1 base.
- 20) Question: Spec section 01 43 50 Air Barrier Systems tells us that the contractor will engage a qualified consultant to perform testing and inspection prior to Installation of air barrier components. What tests are required prior to? Please clarify.
 Answer: The required tests are listed in spec section 07 27 26 subsection 3.3 (B).
- 21) Question: Spec. Section 01 50 00 Temporary Facilities and Controls talks about providing temp heat. Can we use the existing building gas line and if so, who pays for the consumption of this? Answer: If the Contractor prefers the existing gas line can be used for temporary heat. The City has historic billing records and will charge the Contractor the difference during months of use. The difference will be credited back to the project.
- 22) Question: Spec. Section 01 50 00 Temporary facilities and Controls refers to parking in the lower area of Warner Park Community Recreation Center as shown in the lands for work may be used for construction parking for the duration of the construction work. Please clarify where this is and what the lands for work is.

Answer: Lands for Work is a reference document issued with the bid documents. Please see document "9502 REF DOC 1 – Lands for Work". The parking location is detailed in this document.

23) Question: 01 01 73.29 – Cutting and Patching item 1.5 A/B: states we must maintain any existing warranties. Please identify what warranties are in place and who holds them.

Answer: Information not known at this time. Contractor is expected to perform cutting and

patching using standard work practices.

- 24) Question: 02 02 32 Geotechnical Investigation talks about undercutting might be needed. Please clarify how undercutting if needed will be handled via bidders? Are we to carry an allowance provided by the city? Will this be handled outside for the contract since there is not enough information available to determine the extent of undercutting? Please clarify. Answer: All undercutting to can be excluded from the base bid. Cost related to undercutting will be handled through the Change Order process as needed.
- 25) Question: In detail 4/S802, the cut-section appears to have a hard joint between the 2'-0" CIP and the 12" CIP wall. Should there be waterstop install at this joint due to the fact that this wall will be below grade?Answer: Waterstop should be added for detail as shown. Contractor may choose to pour entire wall one height and eliminate the waterstop.
- 26) Question: On Sheet S200 along column line EH and Column lines E15 and 1, there is a cut-section 7/S800 thought this wall. It shows a CMU wall, but appears to be concrete on S200. Please clarify if a CMU wall is to be placed on the footing or a CIP Wall and what size and reinforcement. Answer: Concrete foundation walls up to finished floor elevation is standard. CMU walls above. Detail updated to reflect.
- 27) Question: Column Line 1 between EH and B on Sheet S200 has a cut-section 7/S800 through this wall. It shows a CMU wall, but appears to be concrete on S200. Please clarify if a CMU wall is to be placed on the footing or a CIP Wall and what size and reinforcement. Answer: Concrete foundation wall up to slab elevation as standard. CMU wall above. Detail should be called out as SIM.
- 28) Question: Detail 12/S800 is a footing and wall added to an existing wall and footing. Should these be doweled into the existing? If so, what size dowel and spacing? Answer: Dowels are not required to existing foundation and walls.
- 29) Question: Detail 12/S800 does not call out any wall reinforcement. Is any required? Answer: #4 @ 48" OC VERTICALY. (2) #5 CONTINUOUS T&B. Detail updated.
- 30) Question: There is no reinforcement called out for the slab on the drawings. Please clarify. Answer: 6x6 W1.4x W1.4 WWF for 4" slabs. 6x6 W2.1xW2.1 WWF for 5" slab in Gym.
- 31) Question: Specification section 03 30 00 Cast in place concrete calls for 4,500 PSI concrete for interior slabs, but S001 calls for 3,500 PSI concrete at interior slabs. Please clarify. Answer: 3,500 PSI is acceptable for interior slabs.
- 32) Question: Detail 2/S800 calls for a 8" CIP Wall for stoops. Based on S800, they scale to be 12" CIP walls. Please clarify. Answer: The intent is for stoop walls to be 8".
- 33) Question: On Sheet S200, along column line EK there is a note about existing. Is this existing or is this new? If new, please clarify top of wall and what the top of footing is at. Please also clarify what reinforcement is required here. Answer: Wall along Grid EK should be existing. S201 captures this correctly.
- 34) Question: Please confirm if all concrete along column line E13.5 is new or existing. It appears that all the markings are Existing and no work is required here. Answer: The wall along Grid E13.5 is existing. There is a new footing and foundation wall called out on the East side of existing.
- 35) Question: Along Column line 1 on Sheet S200, there are no cut-sections between Column Line EH and EK. Please clarify what type of wall is here and what reinforcement is required.

Answer: Concrete foundation wall below grade.

- 36) Question: Along Column line EK between E13.5 and 1, there is no section detail here. Please confirm wall thickness and reinforcement. Answer: Detail 1/S800 will be cut here. TW = 100'-0".
- 37) Question: Sheet S002 has a W90 Cont. Footing. With (7) bars @ 12" OC T&B. Please clarify if 7 bars are required or bars should be 12" OC and what size bars.
 Answer: Bars are #7 @ 12" OC each way top and bottom. Detail is correct in 4/S802. Scheduled updated.
- 38) Question: Stoop footing are called out to be a W24. If we reference the cut-section (2/S800) it calls for two different types of reinforcement. Please clarify what is required here. Answer: Detail calls for 20" wide stoop footing, schedule is calling for 2'-4" wide.
- 39) Question: Please clarify what elevation top of slab is to be poured at. Answer: Top of slabs should match architectural 100'-0".
- 40) Question: Sheet A101 calls for added blocking in wall for owner provided wall-mounted bike rack. Please clarify how much blocking is required here.Answer: This is to be coordinated with the owner based on the bike rack that they furnish. Assume blocking at 24" and 48" heights.
- 41) Question: Please identify where opening 105D-4 is on sheet A101? Answer: The tag is added as part of Addendum #3.
- 42) Question: Detail 1/A800 calls for a TA-01 item. What is TA-01? Answer: The TA-01 tag will be revised as part of Addendum #3.
- 43) Question: Spec. Section 10 28 00 calls for Needle Disposal Cabinets to be owner furnished contractor installed. Please identify where these are and how many we are to install. Answer: Needle disposal cabinet is located as part of Addendum #3.
- 44) Question: Spec. Section 10 28 00 calls for wall mounted liquid soap dispensers and paper towel dispensers. These are not called out in the drawings. Please clarify.Answer: Section 10 28 00 does not call for liquid soap dispensers or paper towel dispensers. Soap dispensers and hand dryers are mounted to the sinks.
- 45) Question: DP-1 calls for an Acrovyn product. What pattern is required here. Answer: Color and finish for DP-1 are called out on the Finish Schedule on sheet A700. DP-1 dimensions are called out on Detail 5/A801.
- 46) Question: Detail 12/A800 has a TA-04 and Ta-03 pointing to nothing. Please clarify. Answer: Details removed.
- 47) Question: Please clarify how LDs are calculated. Answer: Please reference response included in Addendum 2 related to Liquidated Damages.
- 48) Question: Specification section 08 31 13 Access Doors currently does not list a basis of design; can you please provide? Answer:
- 49) Question: Is it true that the City wants automatic door stickers to be custom and not show any branding? Answer: Yes.

LVN-3.9 confirm what is to be provided.

Answer: 2 LVN-3.9's. Update the note on E201 to call for (2) LVN-3.9s and add the matrix sizes as part of Addendum #3.

- 51) Question: Related to the scoreboard: there was no matrix size specified. Please confirm. Answer: LVN-2010-3.9MN- 512 X 896 is Matrix size for the smaller video board and LVN-2010-3.9MN- 512 X 1152 is Matrix size for the larger main board
- 52) Question: Related to the scoreboard: The specs call out for 1-BB-2107. Should 2-BB-2107 be provided?Answer: 1 BB-2107 attached to the smaller video board to be provided.
- 53) Question: On E200, note 2; Is the note locking the EC in only using 3 current carrying conductors in a conduit or stating that all calculations are based on that, and proper adjustments based on the NEC would need to be made? Answer: Note 2 on E200 is stating all of our calculations are based on 3 current carrying conductors. Proper derating adjustments based on the NEC are acceptable if they wish to have more than 3 current carrying conductors in a single conduit.
- 54) Question: For the fire alarm shut down and switch over. Will we be able to schedule time for certain rooms in the building to be closed off for multiple days at a time if necessary? Answer: NFPA 25 15.5.2 does allow for a portion of the building to be evacuated that is affected by the system being out of service. Typically, we see this done as a fire watch but we would recommend to have this coordinated with the impairment coordinator and the AHJ.
- 55) Question: 1.The sink in Comfort room 105B is tagged on the plumbing drawings as a L-1 (wall hung 2 person lavatory). Should this be a single compartment drop in sink? If a single compartment sink, please provide a specification. See drawing P203. Answer: The lavatory in Comfort Room 105B should be called out as L-2. This has been updated as part of Addendum #3.
- 56) Question: The lavatory in Locker Room 111A is tagged as a L-2 (wall hung single person lavatory). Should this be a L-1 or possibly an integral single bowl lavatory? Appears to be integral solid surface in on architectural drawings. See partial enlarged floor plan 2/P301 and detail 4/A800. Will need specifications for faucet and trim if other than L-1 or L-2. Answer: The lavatory in Locker Room 111A is called out correctly. See Detail 2/A800 for information on the lavatory and counter layout.
- 57) Question: On the Warner Park Expansion project, we would like some clarification. is the Heat exchanger and the piping from boiler to the new mechanical room supposed to be included in the base bid. On M501 the heat exchanger and the piping are boxed into the Refer to 1/M502 for Add Alternate. We are just trying to ask, is the heat exchanger and the (2) 4" HW Pipes coming from existing boilers to the heat exchanger supposed to also be included in the base bid? Answer: The following shall be included in the Base Bid:
 - All work shown on 1/M501 shall be included as part of the Base Bid.
 - Heat exchanger (HX-1)
 - 4" hot water supply and return water mains between HX-1 and the existing boiler plant.
 - The sequence of operation as described on M602 shall be part of the base bid.
 - Refer to Section 23 05 00, page 4, LL 1 through 8 for additional information.
 - Add Alternate #2 shall include the following items:
 - Demolition of existing boiler (B-1)
 - Demolition of the 2-way control valve serving existing boiler (B-2)
 - Reconfiguration of the variable primary hot water system to primary / secondary as shown on 1/M502 and 2/M502
 - Addition of pump P-18.
 - Associated control sequence modifications as highlighted on 3/M502.

- This highlights the differences between the sequences of operation on M602 (Base Bid) and Add Alternate #2.
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- 58) Question: On page 2 line 58 of section 23 21 26 it mentions "u-bend pipe separators". I cannot provide a price if these are required. No drilling contractors will work with these as they are very difficult to use. Can I get some clarification on if these are actually required? Answer: The u bend separators were intended to be used when grouts weren't able to properly support the u bends. With the new thermally enhanced grouts, bracing the u bends shouldn't be an issue. U bend separators are not required.

ACCEPTABLE EQUIVALENTS

11 66 23

OTHER

None

Please acknowledge this addendum on page E1 of the contract documents and/or in Section E: Bidder's Acknowledgement on Bid Express.

Electronic version of these documents can be found on Bid Express at <u>https://www.bidexpress.com/</u> and the City of Madison web site at <u>http://www.cityofmadison.com/business/PW/contracts/openforBid.cfm</u>

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 to receive the material by another method.

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