



LAKE COUNTY FLORIDA

OFFICE OF PROCUREMENT SERVICES
315 WEST MAIN STREET, SUITE 416
PO BOX 7800
TAVARES FL 32778-7800

PHONE: (352) 343-9839
FAX: 352) 343-9473

www.lakegovernment.com

ADDENDUM NO. 1

Date: August 3, 2009

BID No. 09-0417

LAKE COUNTY WAREHOUSE ADDITION

This addendum is being issued to make the following changes, corrections, clarifications and additions to the bidding document. The information in this addendum modifies and changes the original bidding documents and takes precedence over the original documents. **Respondents shall acknowledge receipt of this addendum by completing this form and returning it with the response. Failure to acknowledge this addendum may preclude consideration of the bid proposal award.**

Change/add the following:

Bid opening date has changed from ~~August 5, 2009 @ 3:00p.m.~~ to **August 19, 2009 @ 3:00p.m.**

The last day for RFIs is August 10, 2009 @ 5:00p.m.

The pre-bid meeting allowed all contractors and subcontractors ample time to inspect the building. For security reasons, no additional inspection shall be allowed.

Contact Romaine Reprographics to purchase a copy of all attached documents mentioned herein.

GENERAL NOTES:

1. This addendum includes revised drawings and specification sections which address comments made by bidders.
2. All gypsum products shall/must be made in the U.S.

ARCHITECTURAL DRAWINGS:

1. Drawing C-1, General Notes:
2. Drawing C-2, Overall Site Plan: Refer to the attached revised drawing C-2 dated 7/14/09 respectively.
3. Drawing C-3, Existing Drainage Map: Refer to the attached revised drawing C-3 dated 7/14/09 respectively.
4. Drawing C-4, Proposed Drainage Map: Refer to the attached revised drawing C-4 dated 7/14/09 respectively.
5. Drawing C-5, Site Plan: Refer to the attached revised drawing C-5 dated 7/14/09 respectively.
6. Drawing C-6, Site Details I: Refer to the attached revised drawing C-6 dated 7/14/09 respectively.
7. Drawing C-7, Retention Swale Geometry and Tree Removal Plan: Refer to the attached revised drawing C-7 dated 7/14/09 respectively.
8. Drawing C-8, Drainfield Details: Refer to the attached revised drawing C-8 dated 7/14/09 respectively.
9. Drawing C-9, Stormwater Pollution Prevention Plan: Refer to the attached revised drawing C-9 dated 7/14/09 respectively.
10. Drawing C-10, Stormwater Pollution Prevention Plan: Refer to the attached revised drawing C-10 dated 7/14/09 respectively.
 - a. Revisions blah.....

F.D.O.T. STANDARD DESIGN INDECIES:

1. Drawing 001, Standard Abbreviations: Sheets 1 through 3.
2. Drawing 102, Temporary Erosion and Sediment Control: Sheets 1 through 3.
3. Drawing 104, Permanent Erosion Control: Sheets 1 through 2.
4. Drawing 200, Structures Bottoms Type J and P: Sheets 1 through 5.
5. Drawing 201, Supplementary Details for Manholes and Inlets: Sheets 1 through 5.
6. Drawing 232, Ditch Bottom Inlet Types C, D, E & H: Sheets 1 through 6.
7. Drawing 272, Cross Drain Mitered End Section Single and Multiple Round Concrete Pipe: Sheets 1 through 6.
8. Drawing 280, Miscellaneous Drainage Details: Sheets 1 through 2.

9. Drawing 281, Ditch Pavement & Sodding: Sheets 1 through 2.
10. Drawing 300, Curb & Curb and Gutter: Sheet 1.
11. Drawing 304, Public Sidewalk Curb Ramps: Sheets 1 through 6.
12. Drawing 305, Concrete Pavement Joints: Sheets 1 through 4.
13. Drawing 307, Miscellaneous Utility Details: Sheets 1 through 3.
14. Drawing 310, Concrete Sidewalk: Sheets 1 through 2.
15. Drawing 802, Fence Type B: Sheets 1 through 3.
16. Drawing 11860, Single Column Ground Signs: Sheets 1 through 8.
17. Drawing 17302, Typical Sections for Placement of Single & Multi-Column Signs: Sheet 1.
18. Drawing 17346, Special Marking Areas: Sheets 1 through 14.

RFI Q & A's:

RFI Question 1: *Is bidder to include all shelving (material and labor) on sheet A103?*

RESPONSE: **All shelving units are to be included in the proposal. No substitutions will be allowed.**

RFI Question 2: *Sheet A103 (Shelving Plan) shows a full height firewall along column line "3" in the clerk storage room, but on sheet A101 (Floor Plan) there is no wall shown. Are we to include this firewall?*

RESPONSE: **The wall shown on sheet A103 is not to be included. See revised drawing Sheet A101**

RFI Question 3: *Sheet P101 shows the 1-1/4" water service entering the building at the Northeast corner and refers us to the civil drawings for the continuation. There is no continuation on the Civil Plans. Where do we pick up the water service?*

RESPONSE: **The water line needs to extend north to the North Property line and connected to the existing water meter.**

RFI Question 4: *The shelving sizes are listed as 69-3/4" Wide x 32-1/2" Deep and 12' tall and 69-3/4" W. x 17-1/2" D. There are no shelves this size; shelves are normally 69" W. x either 18" for single row, or 30" or 36" deep for back to back boxes.*

RESPONSE: **The dimensions for the shelving as noted on the drawings take into consideration the layout space and are larger than the actual shelf unit. The contractor is to provide standard size shelving.**

RFI Question 5: *The company listed as the manufacturer (Delux Systems) is a distributor and not the manufacturer.*

RESPONSE: **Delux Systems is the manufactures representative for the shelving units and they have been providing and installing these same shelve for Lake County for the last 10-15 years.**

RFI Question 6: *If a manufacturer of shelving quotes the County direct, your pricing would be better than going through the general contractor and having them add a profit to the pricing.*

RESPONSE: **This is an option for the County to consider direct purchase for a cost saving, eliminating the General Contractor mark up and not having to pay the sales tax.**

RFI Question 7: *The spec show partial assembly at factory, this would be more costly than assembly on site (because of freight cost) which is the normal way it would be installed.*

RESPONSE: **The units are shipped in parts and assembled at the project site. The preassembly includes the welding of clip supports at the factory.**

RFI Question 8: *Can a different Building Manufacturer be utilized other than the three specified as long as it meets the design criteria?*

RESPONSE: **Six (6) from street fusion spliced to six (6) going to existing comm. room.**

RFI Question 9: *Drawing E101, Card Readers and Security Panel: There are no specifications, legend symbols, or notes shown on the drawings for the Security System expansion. Please let us know how you want to proceed. Is the electrical contractor responsible for a complete system or just to provide empty conduit with fish wire? Please provide more information such as specs, notes, etc. for an entire Security System provision.*

RESPONSE: **Security panel located in room 111 and cabling will be furnished and installed by the County. Contractor should provide 20 amp 120 volt power to panel and a 4" square outlet box with single gang cover plate at each door shown with door contacts and a single gang FS box at each exterior card reader location. Provide one ½" conduit from card reader FS box to DC outlet box and one 1" conduit from DC box back to security panel in room 111. Interior conduits may be surface mounted in rooms 104, 111, and 113.**

RFI Question 10: *Lighting drawing E102 shows several Exit Signs (Type X1 and X2) throughout the building. There is no description for these Exit Signs on drawing E200 Light Fixture Schedule. Please provide.*

RESPONSE: **Provide Dual-Lite LED type single-face and double-face LEDS series or approve equal exit signs with 90-minute emergency battery**

operation.

RFI Question 11: *There are three metal building manufacturer listed in the specifications. Will Lake County look at alternate manufacturers?*

RESPONSE: **No substitutions are allowed. Please bid as per plans and specifications provided.**

RFI Question 12: *What is the weight capacity per shelf?*

RESPONSE: **1000 pounds per shelf.**

RFI Question 13: *What size boxes will be used on the shelves? The depths available in shelving are 15", 18", 30" and 36".*

RESPONSE: **Boxes – 15" deep x 12" wide x 10" high**

RFI Question 14: *Sheet A103 shows a wall between the shelving in the clerk storage area that does not show up on any other pages. Does this wall get figured?*

RESPONSE: **NO. See revised Sheet A103 and wall types/details**

RFI Question 15: *During the pre-bid meeting, several contractors asked why Lake County was feeding the existing panel 120/208 volt from the new 277/480 volt panel as this will require an additional step down transformer (expensive). Would it be possible to request two separate metered feds from the electric company as save the cost?*

RESPONSE: **See revised Power Riser**

RFI Question 16: *Clarify who is providing the fiber from the street to comm. room.*

RESPONSE: **The fiber line is existing from the street to the northwest corner of the existing building. Hand dig in this area when installing new utilities. See backboard indicated on Sheet E101.**

RFI Question 17: *If fiber from street is provided by others, clarify where it terminates in comm. closet and if it needs to be extended to rack by PDS installer.*

RESPONSE: **Fiber optic cable already runs into building at telephone room in corner of existing warehouse building. See backboard indicated on sheet E101. Prior to bidding, Contractor should field verify specifications of existing fiber optic cable. Contractor shall provide multimode riser rated Fiber Optic building cable with 12 strands of 62.5/125 micron fiber. Run cable in 2" conduit with inner duct sleeve from existing communication room to new communication room as shown in Detail 3/E101. Also run FO cable from existing telephone service connection room to new communication room 111. Provide FO termination shelves at each location as needed.**

RFI Question 18: *Clarify type and number of strands of fiber coming from the street and between comm. closets*

RESPONSE: **Lake County will provide this information**

RFI Question 19: *Clarify if Pink AUX jack is data or voice in order to terminate on correct patch panel.*

RESPONSE: **Assume Pink aux Jack is data cable. Provide four separate 48 port patch panels for the four Cat 6 cables from each workstation. Provide individual patch panel (3) for the three Cat 6 Data cables (blue, red and Pink Aux Jack) and 1 patch panel for the Cat 6 voice cables. Provide one 25-pair Cat 5 copper cable for voice cabling between the telephone room in the existing warehouse and the new telephone backboard in new room 111. Provide Cat 5 110 blocks wall mounted and provide patch cords to patch panel with Cat 6 voice cables from workstations.**

RFI Question 20: *Is there a spec. for the manufacturer of data/voice cable and connectivity? Is a manufacturer's warranty required, if so, clarify type and duration.*

RESPONSE: **System shall be installed by an EC authorized by the material manufacturer to install the system and to provide a 25-year warranty. Provide Avaya Systimax Structured Connectivity Solutions, Tyco Electronics or equivalent with 25-year warranty. Provide telecommunication grounding (bonding) all cable shields, equipment, racks, cabinets, raceways and other associated hardware. The Contractor shall submit for approval a labeling system for the cable installation. All labels shall be machine generated using ink ribbons or cartridges. Self-laminating labels shall be used on cable jackets. Outlet labels will be the manufacturers labels provided with the outlet assembly.**

RFI Question 21: *Drawing E101 shows some Door Contractors, Card Readers and a security Panel. There are no specifications or notes for this system. Does the electrical contractor only provide empty stub-up conduits or will they provide a complete system? Is so, please provide more information.*

RESPONSE: **Security panel located in room 111 and cabling will be furnished and installed by the County. Contractor should provide 20 amp 120 volt power to panel and a 4" square outlet box with single gang cover plate at each door shown with door contacts and a single gang FS box at each exterior card reader location. Provide one 1/2" conduit from card reader FS box to DC outlet box and one 1" conduit from DC box back to security panel in room 111. Interior conduits may be surface mounted in rooms 104, 111, and 113.**

RFI Question 22: *There are some Exit Signs shown on drawing E102 but there is no description for them on the Light Fixture Schedule. Please provide.*

RESPONSE: Provide Dual-Lite LED type single-face and double-face LEDS series or approve equal exit signs with 90-minute emergency battery operation.

RFI Question 23: *Does voice and data cabling run on a Cable Tray system or as free wire? Drawings mention something about a cable tray but there is no specs, details, or distance shown.*

RESPONSE: System shall be installed by an EC authorized by the material manufacturer to install the system and to provide a 25-year warranty. Provide Avaya Systimax Structured Connectivity Solutions, Tyco Electronics or equivalent with 25-year warranty. Provide telecommunication grounding (bonding) all cable shields, equipment, racks, cabinets, raceways and other associated hardware. The Contractor shall submit for approval a labeling system for the cable installation. All labels shall be machine generated using ink ribbons or cartridges. Self-laminating labels shall be used on cable jackets. Outlet labels will be the manufacturers labels provided with the outlet assembly.

RFI Question 24: *Is there supposed to be thickened footing against the existing foundation wall or just a 6" slab with 1/2" expansion joint? The plans show no details for this section, only a note to provide 1/2" expansion joint and sealant (S101).*

RESPONSE: Slab to terminate with an 1/2" expansion joint with no thickened edge.

RFI Question 25: *There are two different (Section5/S001). Which section are we supposed to use?*

RESPONSE: Section 5/S001 Center of Sheet.

RFI Question 26: *Throughout the structural drawings, it notes to see pre-engineered metal building drawings. Please provide such drawings for bid evaluation. Which pre-engineered metal building manufacturer was used in the permit application process that was indicated as being currently underway?*

RESPONSE: Pre-engineered metal building drawings are to be developed and provided by manufacture selected for this project.

RFI Question 27: *Who is the manufacturer of the existing metal building?*

RESPONSE: The existing building manufacture is not known.

RFI Question 28: *Plans call for standing seam roof. Florida product approval sheets show standing seam proof. Specification section 13122, 2.04, B, calls for lap-seam (screw down) roof panels and for them to be 26 gauge. Please verify that the metal building roof is to be standing seam and verify gauge (24 gauge?).*

RESPONSE: Section 13122 – Metal Building System – Paragraph 3.02 – Roofing

and Siding. Provide standing seam metal and roof system as specified in Section 07610 Standing Seam Metal Roofing in lieu as noted in this paragraph. Standing Seam Metal Roof Systems equal to Specification 07610 that are part of the pre-engineered building manufacturer's standards are acceptable for this project.

RFI Question 29: *Specification section 07610, Standing seam metal roofing, calls for Merchant and Evans Zip Rib and for it to be 22 gauge. Is this spec. for the roof material at the canopy only? Please clarify.*

RESPONSE: **Section 13122 – Metal Building System – Paragraph 3.02 – Roofing and Siding. Provide standing seam metal and roof system as specified in Section 07610 Standing Seam Metal Roofing in lieu as noted in this paragraph. Standing Seam Metal Roof Systems equal to Specification 07610 that are part of the pre-engineered building manufacturer's standards are acceptable for this project.**

RFI Question 30: *Reference Detail 3 on sheet A504:*

- a. *Does there need to be any connections to the existing building? Does the new turn down slab need to be pinned to the existing block wall somehow?*
- b. *There is no detail for the new metal building purlins attaching to the existing building. Do they cantilever out and die into the new framed 3-hr. partition? Please clarify this area.*
- c. *Please provide detail on attaching new flashing to the existing metal wall panels.*
- d. *Please provide flashing detail where new roof line encounters the existing masonry wall.*
- e. *Is there insulation required in the 3-hr. rated partition? Please specify if so.*

RESPONSE:

- A. No, the buildings are to be separate**
- B. Purlins cantilever out. See section 3 – A504**
- C. Refer to wall section 3/A701**
- D. See similar detail 9/A503.**
- E. No insulation is required in rated partition**

RFI Question 31: *In the S.O.V. provided, there is a storage shelving allowance of \$75,000. Does this include material and installation?*

RESPONSE: **The S.O.V. \$75,000 allowance includes labor and materials.**

RFI Question 32: *Reference sheet F101. What is the goal of not sprinkling the IT storage/records processing/loading? Sprinkling the entire new addition may be cheaper and easier than the 3-hr. separations unless there are specific reasons for not doing so.*

RESPONSE: **The design intent is to provide sprinkler protection throughout the new addition, including the canopy adjacent to the loading dock, in**

accordance with NFPA 13. The loading dock canopy sprinklers and piping should be protected from freezing (e.g., dry-sidewall sprinklers). The sprinklers and piping were only shown in the most hydraulically demanding area to verify the water supply, not to define the limits of sprinkler protection.

RFI Question 33: *Please clarify the use of the 1/0 ground in the 4" secondary conduits from power company XFMR shown on E100.*

RESPONSE: Delete #1/0 ground in service conduits. See attached revised power riser. See attached revised power riser. Spare 4" conduit for future service feeder to future fire pump should be stubbed-up on west side of two AC condensing units, adjacent to new wall.

RFI Question 34: *Is there information available for task lighting in the work area?*

RESPONSE: Task lighting will be provide by the county and connected to new wall receptacles provided.

RFI Question 35: *Please provide a detail for the mounting of the DPT timers at the end of the shelving units.*

RESPONSE: Refer to Legend on sheet E001. Unit is a Hubbell model TD200 Digital Programmable Timer. Unit should be mounted at same height as a wall switch using a surface mounted 4" square outlet box with flat single gang cover plate. Route witched leg through DPT for on/off control.

RFI Question 36: *On Sheet E200 it is showing the voltage for the new service to be 277/480v 3ph with the existing main panel tying into the new MDP panel, however the existing service is 120/240v Delta configuration. Should a XFMR be factored in and if so, please clarify as to what type, voltage, amperage and location.*

RESPONSE: See attached revised Power Riser.

RFI Question 37: *Will the owner accept an equal lighting package?*

RESPONSE: Yes, Lithonia.

RFI Question 38: *Sheet E100 has a circle not 8 located in the parking spaces. Please clarify the identity of this note.*

RESPONSE: Delete this note.

RFI Question 39: *On sheet E200 (F/A Riser) it is specifying a 1-1/2" conduit to future fire pump location. This could not be located on the site plan C-2. Is the location known? On sheet E001 it is also showing the same conduit to be 1".*

RESPONSE: The 2" conduit is for a service lateral from utility pole to future fire pump. Provide one empty 4" conduit routed with new 800 amp service feeder from pole to building. Stub-up and cap both ends for future use. Delete 1" conduit. It can be installed later if fire pump installed.

RFI Question 40: *On sheet E001, it references a 2" conduit from power company XFMR to a future CT cabinet & then from the CT cabinet to future fire pump. Please clarify locations.*

RESPONSE: The 2" conduit is for a service lateral from utility pole to future fire pump. Provide one empty 4" conduit routed with new 800 amp service feeder from pole to building. Stub-up and cap both ends for future use. Delete 1" conduit. It can be installed later if fire pump installed.

RFI Question 41: *Is there no data specified for the type X1 fixture in the lighting schedule. Please provide.*

RESPONSE: Provide Dual-Lite LED type single-face and double-face LEDS series or approve equal exit signs with 90-minute emergency battery operation.

RFI Question 42: *Is there a specification for the TVSS on sheet E001 or should the EC supply standard TVSS?*

RESPONSE: Refer to General Note 18 on sheet E001. Provide Hubbell catalog # HBL8P320 surge suppression system or approved equal.

RFI Question 43: *On sheet E101 it is showing an 800 amp MCB enclosure next to the CT cabinet, however on the sheets E001 & E100 it is showing a shunt trip. Please clarify which of these applications are to be used.*

RESPONSE: Provide shunt trip station surface mounted with brake-glass cover and nameplate reading "Emergency Power Shut-off".

RFI Question 44: *Will the security system be provided by the owner?*

RESPONSE: Yes.

RFI Question 45: *Will there be specifications available for the Fire Alarm and Voice/Data Systems?*

RESPONSE: For V/D system, material and installation shall meet or exceed the category 5e for cable, jacks and patch-panel requirements in TIA/EIA 568B. Cable shall be copper, 4-pair, 23 AWG with plenum rated insulation where run above access ceiling. Contractor shall provide 4" square outlet box with single gang cover plate and one 3/4" conduit run back to communication backboard in room 111.

Fire Alarm system for warehouse addition should comply with Fire Alarm Riser Diagram and Notes on Sheet E200. Add Notes 6 and 7 as follows:

- 6. Installing contractor shall submit shop drawings of the fire alarm system for more detail review, permitting and permanent record prior to any installation. Fire alarm system installer shall provide wire and conduit to sprinkler system tamper switches and flow switches. Verify location with sprinkler system installer.**
- 7. Fire Alarm System shop drawings shall be signed and sealed by an engineer registered in the State of Florida and shall be submitted, prior to starting construction, for permitting by the company furnishing and installing the fire alarm system.**

See attached Specification Section 16720 'Fire Alarm System' locate fire alarm main panel in electrical room and remote annunciator panel in Entrance Room 101.

RFI Question 46: *Please specify the finish hardware set for doors #102, 105, and 107. The specifications do not have these doors listed in the schedule of finish hardware.*

RESPONSE:

Section 08710
Finish Hardware – Revise as follows

Group No. 01	Delete Door 110A and note Door 110 is rated
Group No. 02	Add Door 104A and 113C
Group No. 03	Includes Doors 103 and 105
Group No. 05	Add Door 102B and note Door 101 is rated
Group No. 07	Delete Door 104A

Sheet A701
Door and Finish Schedule

Door 101	Add remark No 4 "One Hour Fire Rated"
Door 102	Delete this door
Door 102B	New same as Door 104 Non-Rated
Door 104	Delete remarks (None 3)
Door 104B	Add same as Door 104A
Door 104C	New Doors – Provide (1) 3 Hour Rated Door each side of opening same size as door 113A
Door 105	Delete Remarks Note 3
Door 107	Delete
Door 110	Add remark No. 4 "One Hour Fire Rated"

Door 110A	Delete this door
Door 113	Delete this door
Door 113A	Change to 3 Hour rated with fusible link – Provide one 3 hour rated door each side of opening
Door 113B	Delete Remarks Note 2
Door 113C	Add same as Door 113B
Door 115	Add remarks Note 2

RFI Question 47: *The specifications on the prints ask for a Silent Knight 5207 expander module 5210. This panel and module are no longer available from the manufacturer and are obsolete. Please advice on what steps to take, as this project has added devices that cannot be added to the existing panel, as it is to full capacity.*

RESPONSE: **Separate fire panel. This would require separate reporting or all new fire panel.**

RFI Question 48: *Drawing A-103 Shelving Layout Plan shows a full height fire wall along column line “3” with two door openings in the Room 104 Clerk Storage. This wall and door openings are not shown anywhere else in the permit set. Please clarify.*

RESPONSE: **See revised Sheet A103 showing Rated Partitions.**

RFI Question 49 *Page S101 Detail 2 shows a raked tie beam but on page A302 does not reflect a raked beam. Please clarify tie beam location*

RESPONSE: **Install Rake Beam as detailed on sheet S101. A horizontal tie beam is also required at the eave elevation.**

RFI Question 50 *Plans call for Standing Seam roof and 6” blanket insulation. Specs describe 26 ga. Screw down or thru fastened roof, which does not accommodate 6” thick insulation over roof purlins. Which is preferred?*

RESPONSE: **See response to question No. 28.**

RFI Question 51 *Are winds support beams required for the masonry walls? If yes, at what elevations AFF?*

RESPONSE: **No – A horizontal tie beam is required at the eave height continuous around the building.**

RFI Question 52: *Division 07610 calls for “Zip Rib” roof sheeting. This is architectural, mechanically seamed roof sheeting with concealed fasteners equal to Varco Prudens SLR roof sheeting.*

RESPONSE: **Section 13122 – Metal Building System – Paragraph 3.02 – Roofing and Siding. Provide standing seam metal and roof system as specified in Section 07610 Standing Seam Metal Roofing in lieu as**

noted in this paragraph. Standing Seam Metal Roof Systems equal to Specification 07610 that are part of the pre-engineered building manufacturer's standards are acceptable for this project.

RFI Question 53: *Division 13122 calls for "lap seam" roof sheeting. This is standard roof sheeting with exposed fasteners. This is equal to Varco Prudens Panel Rib. The plans sheet FPA-4 show Varco Prudens SSR roof sheeting. This is also a concealed fasteners system and is the system that the county has used on several other buildings. Please clarify as to what roof sheeting is to be configured.*

RESPONSE: **Section 13122 – Metal Building System – Paragraph 3.02 – Roofing and Siding. Provide standing seam metal and roof system as specified in Section 07610 Standing Seam Metal Roofing in lieu as noted in this paragraph. Standing Seam Metal Roof Systems equal to Specification 07610 that are part of the pre-engineered building manufacturer's standards are acceptable for this project.**

RFI Question 54: *One side of this building is shown to have a 3:12 roof pitch. The other side is shown to match existing 3:12 roof pitch is not going to work with other dimensions shown on plans, and if you look at sheet A-301 new building is shown to roof pitch of existing building. Please clarify.*

RESPONSE: **Match pitch of existing building. Minimum eave height of 12'-0" above finish floor.**

RFI Question 55: *No detail is shown as to how canopy ties into masonry on west side of canopy. Would a steel angle attached to masonry be a suitable attachment?*

RESPONSE: **Sheet A503 – Wall Details – Detail 9 – Canopy design and members are provided as part of the pre-engineered building system. Framing and support to masonry wall are included as part of the design and to include resistance to uplift wind loads.**

RFI Question 56: *Detail 2/A-504 is showing firewall to go parallel with roof purlins and double purlins installed in roof. Wall is going perpendicular to firewall. Is there another detail for framing at top of wall between purlins?*

RESPONSE: **See revised Sheet A502 showing additional details.**

RFI Question 57: *Will there be specifications available for the Fire Alarm & Voice/Data system?*

RESPONSE: **Fire Alarm system for warehouse addition should comply with Fire Alarm Riser Diagram and Notes on Sheet E200. Add Notes 6 and 7 as follows:**

6. Installing contractor shall submit shop drawings of the fire alarm system for more detail review, permitting and permanent

record prior to any installation. Fire alarm system installer shall provide wire and conduit to sprinkler system tamper switches and flow switches. Verify location with sprinkler system installer.

- 7. Fire Alarm System shop drawings shall be signed and sealed by an engineer registered in the State of Florida and shall be submitted, prior to starting construction, for permitting by the company furnishing and installing the fire alarm system.**

RFI Question 58: *Plumbing pages show 1 ¼" water line coming out of building and continued on civil plans. Civil plans do not show 1 ¼" water line. Are we tying into existing water line with existing meter? Are we tying into water main with new meter? Please advise.*

RESPONSE: **The water line needs to extend north to the north property line and connected to the existing water meter.**

RFI Question 59: *On sheet E001, there is a 2" conduit showing that starts at the pole mounted transformer and runs to the future CT cabinet that serves the future fire pump. (1) Are we able to provide this 2" conduit? (2) If yes, what is the location of the future CT cabinet?*

RESPONSE: **See revised Power Diagram.**

RFI Question 60: *Hardware Group #3 has door 103 listed twice.*

RESPONSE: **See response to Question #46.**

RFI Question 61: *Hardware Group #2 has door 104B listed but not listed on the door schedule.*

RESPONSE: **See response to Question #46.**

RFI Question 62: *Doors 102, 105, and 107 are not listed in the hardware schedule but are listed on the floor plan.*

RESPONSE: **See response to Question #46.**

RFI Question 63: *Spec section 07610 calls for the roofing panels to be no less than 0.034 inch (22 gauge) thick. Spec section 13122 calls for the roof panels to be 26-gauge (0.0179 inch). Which is correct?*

RESPONSE: **See response to Question #28.**

RFI Question 64: *Is the design intent to have a metal building frame system with a separate standing seam roofing system?*

RESPONSE: **See response to Question #28.**

RFI Question 65: *Plan A-301 calculations show to have heights for not only the new building but also for the existing building. In either case the calculations shown on the plans will not work. If the ridge of the new building is raised, the new roof will cover over the existing louvers of the existing building. Dimensions provided do not agree with the plan, please advice.*

RESPONSE: **Slope of new roof to match existing with a minimum eave height above finish floor. See elevations and details to relocated existing louvers.**

RFI Question 66: *What roof slope do you wish on the canopy? It looks like 1/12 but it needs to be verified.*

RESPONSE: **Slope of new roof to match existing.**

RFI Question 67: *Who is responsible for the communications and shelving listed on this project (the owners, county of GC)?*

RESPONSE: **Communication**
Assume Pink aux Jack is data cable. Provide four separate 48 port patch panels for the four Cat 6 cables from each workstation. Provide individual patch panel (3) for the three Cat 6 Data cables (blue, red and Pink Aux Jack) and 1 patch panel for the Cat 6 voice cables. Provide one 25-pair Cat 5 copper cable for voice cabling between the telephone room in the existing warehouse and the new telephone backboard in new room 111. Provide Cat 5 110 blocks wall mounted and provide patch cords to patch panel with Cat 6 voice cables from workstations.

System shall be installed by an EC authorized by the material manufacturer to install the system and to provide a 25-year warranty. Provide Avaya Systimax Structured Connectivity Solutions, Tyco Electronics or equivalent with 25-year warranty.

Provide telecommunication grounding (bonding) all cable shields, equipment, racks, cabinets, raceways and other associated hardware.

The Contractor shall submit for approval a labeling system for the cable installation. All labels shall be machine generated using ink ribbons or cartridges. Self-laminating labels shall be used on cable jackets. Outlet labels will be the manufacturers labels provided with the outlet assembly.

Shelving

Provided and installed by the contractor

RFI Question 68: *We found information for fencing & gates but cannot find any specification for this work.*

RESPONSE: **Fencing to match existing galvanized chain link fence.**

RFI Question 69: *The existing electrical service appears to be 120/208v, 3 phase. The riser*

diagram on E001 does not reflect this. Please clarify.

RESPONSE: See revised electrical riser diagram.

RFI Question 70: *Please provide description and specification for “security” system E101.*

RESPONSE: Security panel located in room 111 and cabling will be furnished and installed by the County. Contractor should provide 20 amp 120 volt power to panel and a 4” square outlet box with single gang cover plate at each door shown with door contacts and a single gang FS box at each exterior card reader location. Provide one ½” conduit from card reader FS box to DC outlet box and one 1” conduit from DC box back to security panel in room 111. Interior conduits may be surface mounted in rooms 104, 111, and 113.

RFI Question 71: *Drawing sheet E101 floor plan indicates a total of 4 each AHU’s are required. Drawing sheet E200 indicates a total of 3 AHU’s are in Panel schedule “HA” and a total of 3 AHU’s are indicated in the Fire Alarm riser. What is the total number of AHU’s that require Duct Detectors? Where is your preferred location for the Remote Lamps indicated on the FA riser?*

RESPONSE:

RFI Question 72: *The Fire Alarm Riser note #4 on drawing E200 indicates the existing FACP is a Silent Knight Model 5207. Note #5 indicates the requirement to provide and install an expander module model 5210. Our records indicate the FACP specified and the expander module specified is no longer available from the factory. Please advise of an alternate method to meet the functionality of the specification.*

RESPONSE:

RFI Question 73: *The Fire Alarm riser on drawings E200 does not indicate the requirement to add a new Remote Power Supply to provide supervised power to the new notification appliances. Please verify if the existing FACP has the spare power to operate the new notification appliances or if the scope of the project should include a new Remote Power Supply.*

RESPONSE:

RFI Question 74: *Please advise the candela rating of the Fire Alarm Strobes indicated in the drawings.*

RESPONSE:

RFI Question 75: *Please advice if new/additional Flow, Tamper, PIV or back flow preventers are required to be monitored.*

RESPONSE:

RFI Question 76: *What is the intent/functionality/model of the security door contacts indicated*

on drawing E101? Are these devices added to an existing Security panel?

RESPONSE:

RFI Question 77: *Drawing E101 indicate a symbol of "CR" in a box (outside of room 102), similar to the "DC" in a box which indicates a Door Contact. What is the function of the "CR" device? Is this device Weather Proof?*

RESPONSE:

END OF ADDENDUM

Firm Name: _____ Date: _____

Signature: _____ Title: _____

Typed/Printed Name: _____

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