

BVH ARCHITECTURE

ADDENDUM

ADDENDUM NO.: #03

DATE: 09/17/2024

PROJECT: NDOT 1600 Renovation

PROJECT #: 23053

TO: Prospective Bidders

This Addendum is issued by the Architect to all bidders of record prior to receipt of proposals. Bidders shall acknowledge receipt of this addendum by so indicating on the Proposal Form. Failure to do so may subject Bidder to disqualification. All information and instructions given herein shall become a part of the Contract Documents.

GENERAL

1. All gypsum board to receive a level 5 finish except for mechanical, electrical, and IT rooms.
2. Clarification: Window type C is to be referenced in spec section 085113.
3. Mechanical:
 - a. Added clarification for building controls manufacturer and building's existing control system.
 - b. Removed integral VFD section for hydronic pumps.
4. Electrical:
 - a. Remove all CAT 3 voice backbone from drawings.
 - b. Route all fiber in innerduct. Innerduct is already specified under section 271500.
 - c. Reduce horizontal CAT 6 service loop lengths at device locations from 30' to 3'.
5. Approved Substitution request attached

PROJECT MANUAL

1. Section 092116 Gypsum Board Assemblies
 - a. 3.06 Joint Treatment, Section C - Revise level 4 to level 5 for all walls and ceilings to receive paint finish for wall coverings, except for mechanical, electrical, and IT rooms.
2. Section 085113 Aluminum Windows
 - a. 2.03 Window Types - Revise Section A title to "Fixed Aluminum Windows or Panel Frames, (Window Type C)."
3. SECTION 230923 – Direct Digital Control (DDC) System for HVAC
 - a. Revise paragraph 2.01.A as follows: "Johnson Control, Inc. Metasys Extended Architecture System".
 - b. Revise article 2.02 as follows:

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2.02 DDC SYSTEM DESCRIPTION

- A. The existing Building Management System (BMS) is Johnson Controls, Inc. Metasys Extended Architecture System. The new BMS shall be a direct extension of the existing system. The BMS shall consist of Network Engines and field controllers. The existing Application Data Server shall be utilized, and all new BMS data points shall report to the Application Data Server for long term trending and archiving. Metasys User Interface shall be implemented for all connected systems. All system naming conventions, system graphics, and system programming language shall exactly match the existing BMS standards. No gateways, integrations, or 3rd party devices will be allowed.
- B. Microprocessor-based monitoring and control including analog/digital conversion and program logic. A control loop or subsystem in which digital and analog information is received and processed by a microprocessor, and digital control signals are generated based on control algorithms and transmitted to field devices to achieve a set of predefined conditions.
1. DDC system consisting of high-speed, peer-to-peer network of distributed DDC controllers, other network devices, operator interfaces, and software.
- C. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.
4. SECTION 232123 – Hydronic Pumps
 - a. Deleted article 2.04.
 5. SECTION 271500 – Communications Cabling
 - a. Revise sub-paragraph 3.03.B.11 as follows: “At the user end of each data and telephone drop, install a 3-foot long service loop at each location.

DRAWINGS

1. E3.0 – Lower Level – Special Systems Plan
 - a. Revise Room 011 Enlarged Plan (2/E3.0) Keynote #4 as follows: “PROVIDE (1) 24-STRAND OS2 SM FIBER IN INNERDUCT TO THIS ROOM FROM DEMARC LOCATION IDENTIFIED ON THIS PLAN FOR FUTURE NETWORK EQUIPMENT IN THIS ROOM. PROVIDE 25’ SERVICE LOOP IN ROOM. VERIFY ROUTING WITH OWNER PRIOR TO INSTALLATION.”
2. E3.1 – First Floor – Special Systems Plan
 - a. Revise Room 106 Enlarged Plan (3/E3.1) Keynote #4 as follows: “PROVIDE (1) 24-STRAND OS2 SM FIBER IN INNERDUCT TO THIS ROOM FROM DEMARC LOCATION ON LOWER LEVEL. PROVIDE SERVICE LOOP PER SPECS. VERIFY ROUTING WITH OWNER PRIOR TO INSTALLATION.”

3. E3.2 – Second Floor – Special Systems Plan
 - a. Revise Room 206 Enlarged Plan (2/E3.2) Keynote #4 as follows: “PROVIDE (1) 24-STRAND OS2 SM FIBER IN INNERDUCT TO THIS ROOM FROM DEMARC LOCATION ON LOWER LEVEL FOR FUTURE NETWORK EQUIPMENT IN THIS ROOM. ROUTE CABLING VIA PATHWAYS THROUGH ROOMS 011 AND 106 ON LEVELS BELOW. PROVIDE 25’ SERVICE LOOP IN ROOM. VERIFY ROUTING WITH OWNER PRIOR TO INSTALLATION.”
 - b. Revise Sheet Keynote #1 as follows: “PROVIDE (1) 24-STRAND OS2 SM FIBER IN INNERDUCT TO EXISTING NETWORK EQUIPMENT AT THIS LOCATION. ROUTE CABLING VIA ROOM 206 THROUGH NEW PATHWAYS PROVIDED IN ROOMS 011 AND 106 ON LEVELS BELOW. PROVIDE 10’ SERVICE LOOP. VERIFY ROUTING WITH OWNER PRIOR TO INSTALLATION.”

END OF ADDENDUM