

United States Postal Service  
Switchgear Replacement  
Hartford, CT - P&DC  
USPS Project No. B43529  
A/E Project No. 18034.00

### ANSWERS TO RFIs

RFI #1: What is the minimum rail height for the cable tray?

**Answer: Refer to Spec Section 260533, paragraph 2.12B.**

RFI #2: Who is the manufacturer for the existing Bus Duct feeding HMDP #3 and HMDP #4?

**Answer: Bus Duct nameplates could not be observed during design. Contact Peter Jarzynski for site visit if necessary.**

RFI #3: What is the model number for the Bus Duct feeding HMDP #3 and HMDP #4?

**Answer: Bus Duct nameplates could not be observed during design. Contact Peter Jarzynski for site visit if necessary.**

RFI #4: What manufacturer is the existing 2000A and 2500A Bus Duct running to the HVAC penthouse?

**Answer: Square D. I-Line II Series.**

RFI #5: What is the model number for the 2000A and 2500A Bus Duct running to the HVAC penthouse?

**Answer: Square D. I-Line II Series.**

RFI #6: During the walk-thru on Thursday both Simplex and Notifier Fire Alarm devices were observed. Which Fire Alarm vendor is on record for servicing this facility?

**Answer: Notifier is the current fire alarm system installed at the site. Refer General Note No. 21 on drawing E0.01.**

RFI #7: During the site walkdown for the project on 3/3/22, we were told that there is One Breaker that has been troublesome and has resulted in much downtime. If the Breaker Trips, it will not close. Attempts to repair or replace have failed. Consultant requested that this Breaker be included in the first phase of the cut-over period. **Question:** Please provide the One Line ID, Location, and Nameplate of this Breaker.

**Answer: Above statement is inaccurate. Contractor is responsible for all phasing and scheduling of the work including cutover to new equipment. All phasing including power shutdowns shall follow the requirements of the contract documents.**

RFI #8: Please provide the nameplate information for each of the six (6) Bus Ducts. Two (2) Source Bus Ducts, and four (4) Load Bus Ducts.

**Answer: Refer to responses to RFI #2 through RFI #5.**

RFI #9: Locations have Cable Tray that will penetrate the false wall above the Lookout Gallery. The paneling is assumed to have asbestos. Provide Abatement as required. **Question:** It is not conceivable for us to obtain an accurate quote for this scope prior to the Bid due date of 3/17/22. We would like to remove this scope from the Bid and provide it as an as an adder at a later date.

**Answer: Refer Addendum No. 1**

RFI #10: The existing Switchboard and Breakers could also contain Hazardous materials such as asbestos Arc chutes and cable insulation, etc. It is also not conceivable for us to obtain an accurate quote for this scope prior to the Bid due date of 3/17/22. We would like to address this scope with the lookout gallery false panels scope on line 8 above to id and remediate hazards and provide this scope as an adder at a later date.

**Answer: Asbestos abatement is not included in the scope of work or specifications in the contract documents. If any unidentified hazardous materials are encountered that require abatement during construction a contract modification will be issued.**

RFI #11: Completion: 280 Days after NTP. This is only 40 Weeks. Lead times for equipment are currently very long, 50 weeks or greater in some cases. This is occurring across the industry. Eaton will provide an anticipated schedule with our proposal to show an appreciable timeline based on current market conditions.

**Answer: At the time of design was completed all equipment lead times were confirmed. Any extension of time required due to supply chain issues will be addressed under a contract modification.**

RFI #12: Please provide the latest system study data. Is an updated Short Circuit Coordination and/ or Arc Flash Hazard Study required for this scope of work? If not, who is responsible for providing protective settings and Arc Flash Hazard Labels?

**Answer: Refer to Addendum No. 1**

RFI #13: Please provide the contact information for your site service vendor from Simplex Grinnel.

**Answer: Refer to Addendum No. 1**

RFI #14: Please provide the contact information for your site service vendor for your BAS at Siemens.

**Answer: Siemens is the manufacturer of the existing BAS. All work on the existing BAS can be performed by a properly qualified Siemens controls installer/integrator as outlined in the contract specifications.**

RFI #15: During the Site walkdown, we thought we heard verbally that the Building Structural Design regarding Weight Bearing capability is unknown and was to be determined by contractor yet Structural Drawings were provided showing columns under the new switchgear area. Please clarify the contractors scope and responsibility regarding the weight bearing capability of the building and roof structure.

**Answer: All structural modifications to the existing building including new structural framing has been properly engineered and is shown on the contract drawings, refer to drawings S1.01 and S1.02. In accordance with the contract specifications the Contractor shall not superimpose loads at any point upon the existing structure that would cause an overloading condition. Placement and storage of all materials including construction equipment is the responsibility of the Contractor.**

RFI #16: Please clarify the work scope difference between Division 26, Section 26.1 - Electrical Power in the SOV as compared with Sections 26.2 - Electrical Lighting, and 26.3 - Structured Wiring.

**Answer: When the SOV is submitted, separate line items are required for power, lighting, and structured wiring.**

RFI #17: Please provide a copy of the USPS Hartford Hot work procedure/permit.

**Answer: Hot work permits are issued by the USPS Facility and must be requested for each day hot work is required. Refer to Section 013543 and 013543 Attachment A of the contract specifications.**

RFI #18: We require a fenced material staging area to be established in the Employee parking lot. Please confirm acceptability.

**Answer: Site storage area for material and/or containers shall be coordinated with the USPS Facility.**

RFI #19: Will there be specific crane days or crane operating hours for this project? Drive lane parallel to building will be partially blocked during crane operations. Vehicle traffic will be rerouted with minimal impact. Please confirm acceptability.

**Answer: Partial closure of parking lot for crane placement and rigging operations is acceptable to USPS Facility. All project scheduling including phasing and shutdowns shall be scheduled in advance with USPS Facility as noted in the contract documents.**

RFI #20: Is Zone Selective Interlocking required on both switchboards?

**Answer: Interlocking (kirk-keys) are required on each respective main-tie-main switchboard but not between both switchboards.**

RFI #21: Are molded case feeder circuit breakers required to have solid state trip units? If so, what features are required (LSI or LSIG?)

**Answer: Refer to specification Section 262413.**

RFI #22: Are the outgoing cables for the feeder breakers exiting top or bottom?

**Answer: It is anticipated that cables will exit the E-House through the bottom.**

RFI #23: What is the shut trip voltage for the main breakers?

**Answer: Contractor shall identify in the shop drawing submittals.**

RFI #24: "The Solicitation cover page states 'All proposals must be submitted via USPS sourcing portal Coupa.' Attachment 11 references sourcing portal Emptoris. Is this a discrepancy or is Coupa the same as Emptoris?"

**Answer: USPS apologizes. Attachment 11 is incorrect in stating Emptoris. All proposals must be submitted via USPS eSourcing portal Coupa.**

RFI #25: What are outage procedures when performing the cutover? Who is responsible to safely shut-down all equipment fed from circuit being migrated? Does USPS facility have a lockout/tagout procedure we are to follow?

**Answer: All Construction scheduling and phasing is the responsibility of the Contractor and shall be fully coordinated with the USPS Facility. Refer to**

**Construction Phasing Notes on drawing E0.01. All lockout/tagout procedures shall follow all requirements of the contract documents including the National Electric Code.**

RFI #26: Drawing S1.01 Switchgear Dunnage Platform notes indicate BBC's scope of responsibility is limited to dunnage platform only...review this and likely need clarification. Is BBC installing the platform to the building structural steel? Design only?

**Answer: BBC is the structural engineering consultant of record and is responsible for the design and oversight of all work shown on drawings S1.01 and S1.02. The Contractor is responsible for all fabrication and installation of all work as outlined in the contract documents.**

RFI #27: Solicitation B-Clause B-42 states normal hours of 7a-330p unless specified elsewhere in the contract. Drawing E0.01 has conflicting notes - Electrical General Note 6 states all work during normal hours; Construction Phasing Note 4 states to consider premium hours. Please confirm outage work can be completed during off-hours.

**Answer: All work shall be performed in accordance with the contract including specifications and drawings. There are no conflicts on drawing E0.01. General Note 6 states "normal facility operation." not normal hours. Refer to all general notes including requirements that "all work being performed shall not interfere with the regular operation of the USPS facility". Power shutdowns can be completed during off-hours and should consider premium time.**

RFI #28: Are there any construction building permits required and if so will they be obtained by the architect/engineer or will the contractor be responsible for pulling permits?

**Answer: This is USPS owned property and building permits are not required.**

RFI #29: Spec 013545 - are plans in 1.3.A required?

**Answer: There is no section 013545. If you're referring to Section 013543 par. 1.3, environmental compliance must be demonstrated by submittal as applicable and specified in Section 013543.**

RFI #30: Safety Program - Can we include the program Table of Contents with the proposal in lieu of the entire safety program document?

**Answer: Refer to Attachment 12 "Proposal Return Package" part B.1.4 "Safety" page 7 of 10 for submission requirements.**

RFI #31: Can USPS provide roof as-built?

**Answer: Record drawings of the USPS Facility are available on site.**

RFI #32: Can USPS provide a secure lay down area inside the building or should contractor's plan on placement of storage containers on property to secure materials?

**Answer: An interior laydown area is not available. Contractor is responsible for protection and security of all stored materials. Storage containers on property are acceptable and location for the same shall be coordinated and approved by the USPS Facility.**

RFI #33: What escalation clauses are included should the project not be awarded within 120 days?

**Answer: There are no escalation clauses for this project. If the hold period of 120 days runs out, additional pricing will be sought, and suppliers will no longer be held to their provided offer.**

RFI #34: Can long lead items be invoiced once materials are on site?

**Answer: Materials stored on site may be invoiced monthly in accordance with Clause B-48 of the contract.**

RFI #35: Can manufactured and stored materials be invoiced if stored off site?

**Answer: Materials stored offsite may be included in monthly progress payments requests in accordance with the Clause B-48 of contract.**

RFI #36: Is note 9 on Drawing E0.01 applicable to this project?

**Answer: Yes.**

RFI #37: What is the expected Notice To Proceed date for the purposes of the schedule?

**Answer: USPS does not have an expected Notice To Proceed date at this time. Average award time frames for projects of this magnitude is 120 days after solicitation period closes.**

RFI #38: Spec 260519-3.3 O #1 does not allow splicing of conductors over #3 awg. Every feeder on this project needs to be extended to new switchgear location. Please confirm if splicing and extending feeders to new location is acceptable or if new feeders need to be installed.

**Answer: Referenced spec. section applies to new feeders only. Refer to one line diagrams on contract drawings for existing feeders intended to be spliced and extended.**

RFI #39: Spec 260519-1 2.1 C – allows the use of aluminum conductors over 1/0, can you confirm aluminum is acceptable on this project.

**Answer: Use of aluminum is provided in the specification, refer to Section 260519.**

RFI #40: Spec 262413-2.2 C5 b – Calls for thermal magnetic & solid state type breakers. Please clarify which style breaker should be used

**Answer: Feeders serving individual mechanical equipment loads shall be molded case breakers.**

RFI #41: Drawing E6.03 Denotes New Lighting but there is no lighting Schedule – please advise

**Answer: Refer to specification Section 265100.**

RFI #42: Drawing E8.01 has the new Fire Alarm Riser – I know that this location was recently updated – Would you happen to know the Manufacturer of the Installed New Fire Alarm?

**Answer: The existing fire alarm system (installed 2021) is Notifier.**

RFI #43: Please confirm that Pad Mount MDP, 1, 2, 3 & 4 are Existing to Remain and we are only modifying per Drawings E7.03 & E7.04

**Answer: Confirmed.**

RFI #44: Please advise if the Feeders (10 Sets of (4) 500MCM & (1) 500 MCM G) from MDP1 to JBox & MDP2 to JBox are existing to Remain or New Feeders?

**Answer: The referenced feeders are existing to remain.**