

DATE: June 3, 2019

DEPARTMENT OF GENERAL SERVICES  
BUREAU OF PRE-CONSTRUCTION  
1800 HERR STREETS  
HARRISBURG, PENNSYLVANIA

**ADDENDUM NO. 3**

on

**PROJECT NO. DGS C-0251-0095 PHASE 001**

**PROJECT TITLE - District 6-0 Regional Traffic Management Center and Parking Structure**

**PROFESSIONAL:**

General Services  
1800 Herr Street  
Harrisburg, PA, 17103

**If you submitted a bid through e-Builder prior to this Addendum being issued, your bid has been discarded and you must re-submit your bid(s) through e-Builder prior to the bid opening date and time. Please see Section 4.C. of the Instruction to Bidder**

**REQUEST FOR PROPOSAL FOR A DESIGN-BUILD CONTRACTOR**

GENERAL CHANGES

Item 1- RFP Notice to Proposers under Project Information: CLARIFICATION - The maximum number of calendar days for the Contract Duration is 1,095 days and cannot be changed by the proposer.

Item 2- Bridging Document Section 4.1: CLARIFICATION - DGS and PennDOT will not provide additional funding or make any purchases, such as green power or carbon offsets, to obtain any LEED points.

Item 3- Bridging Document Section 4.1: ADD the following "The DBC shall provide six (6) 220V electric charging stations in the parking structure adjacent to the Ground Level Electrical Room along with wiring for an additional four (4) stations to be added in the future by PennDOT. The DBC shall also provide wiring for ten (10) future charging stations at the lower parking lot on the Geerdes Boulevard side of the lot at the landscaped island where the lot perimeter line changes direction. These stations to be added by PennDOT at a later date. The DBC may choose to provide more than six (6) stations to obtain LEED credits, but this is not mandatory. If more stations are provided, they shall be located in the lower level surface lot. All specific locations and conduit routing to be coordinated with the Department and submitted for review and approved by the Department during final design. At a minimum, during final design, the DBC must ensure placement of the charging stations will not impact final handicapped parking locations, that the stations, proposed and future, won't affect preferred plowing operations, or interfere with desirable walkway widths to and from the buildings or stairways. Charging stations shall be "fast-charge". Each charging station shall have a minimum input current of 30A served from a 40A dual pole circuit breaker. Performance specification for the service upsize is attached.

Item 4- Bridging Document Section 4.3: CLARIFICATION - Both the RTMC and the parking structure should be included in the project LEED Silver Certification requirement unless the proposer can demonstrate a clear benefit to exclude the parking structure.

Item 5- Bridging Document Section 6.6.6.4: CLARIFICATION - Light gauge framing shall be used for exterior wall construction as shown on the Drawings.

Item 6- Bridging Document Section 8.2.13: CLARIFICATION - The extent of raised access floor is represented correctly on Drawing 2/A-100.

Item 7- Bridging Document Section 8.2.13: ADD the following floor finishes - Conditioned Vestibule = walk-off mat; Penthouse = sealed concrete; Security Desk = porcelain tile; Receiving Area = porcelain tile

Item 8- Bridging Document Section 8.2.13: ADD the following ceiling finishes - Conditioned Vestibule = GWB; Penthouse = exposed; Connection Corridor = GWB

Item 9- Bridging Document Section 8.2.13: CLARIFICATION - Provide fabric wrapped panels at an accent wall in the spaces were specified.

Item 10- Bridging Document Section 8.2.13: CLARIFICATION - Provide vinyl wall covering at an accent wall in the spaces were specified.

Item 11- Bridging Document Section 8.2.13.8: REVISE the ceiling in the Breakroom to be "Combination of GWB and decorative floating wood slats".

Item 12- Bridging Document Section 8.2.13.11: REVISE the ceiling in the Shower/Locker Rooms to be "2 x 2 moisture resistant ACT".

Item 13- Bridging Document Section 16.2.1: CLARIFICATION - The terminal servers shall be installed in the new RTMC Server Room; there are four (4) existing 32 port Lantronix EDS32PR and 5 Digi TS 16 terminal servers all ports are wired for circuits.

Item 14- Bridging Document Section 16.2.2: CLARIFICATION - The existing servers to be relocated are the Siemens Tactics server (Signals), Naztec Streetwise server (Signals), Peek IQ Central Server (Signals), BlueTooth server, Ramp meter server, Skyline server and EOC Alcatel 10G switch. All equipment relocations will require coordination with PennDOT BIO/IT and RTMC personnel for approval on any systems outage time periods. The local ATMS servers shall be transferred at the time the existing RTMC goes offline.

Item 15- Bridging Document Section 16.3.3: CLARIFICATION - The existing 800 MHz radio system consists of multiple handheld radios and shall need to be transferred to the new RTMC.

Item 16- Bridging Document Section 16.3.3: CLARIFICATION - The DBC shall provide a complete Digital Radio System, including Head End equipment and Base Station Radios on the roof. This is a new system as described in the documents. The DBC shall provide rooftop antennas as needed to support the new radio system.

Item 17- Bridging Document Section 16.3.3: CLARIFICATION - The terminal servers are the same as referenced in Section 16.2.1 and are to be installed in the new RTMC Server Room. These support the serial circuit transported by the OTN Systems equipment and the other point to point serial circuits. The number of ports wired for circuits are noted in Item 13 above.

Item 18- Bridging Document Section 16.5: CLARIFICATION - All rack mounted workstation PC's will be provided and configured by PennDOT BIO. The DBC shall install and provide all required horizontal cabling and COTS KVM extenders required for a complete and functional system. Rack mounted workstation PC's will be located in Server Room - refer to Bridging Document Appendix S.4.

Item 19- Bridging Document Section 16.5: CLARIFICATION - The existing satellite phone system consists of 2 Cisco CP-7941G, network switch, satellite receiver and roof mounted satellite dish. All shall be relocated, installed, wired and tested at the new RTMC Building. One satellite phone will be installed in the Incident Command Center and the other on the RTMC operations floor.

Item 20- Bridging Document Section 16.5: CLARIFICATION - The DBC shall provide two (2) rows of ten (10) racks in the Server Room - refer to Bridging Document Section 7.3.3 and Appendices S.4, Drawing A-100 and S.13, 7.3.3.

Item 21- Bridging Document Section 16.5: CLARIFICATION - The new RTMC has the need for POTS lines for fax machines and back-up phone lines. The DBC shall coordinate with the Service provider, PennDOT District 6-0 IT, and BIO to have a new service installed, terminated and tested. The DBC shall provide cabling infrastructure to connect the fax and phone lines to this service.

Item 22- Bridging Document Section 16.6: CLARIFICATION - The DBC shall provide Acoustics, Lighting System and Electrostatic Glass for the Media Room 55. Refer to Bridging Document Section 16.3.7.

Item 23- Bridging Document Drawing A-301: CLARIFICATION - The Server Room shall have an exposed ceiling.

Item 24- Bridging Document Drawing A-311: CLARIFICATION - The Waiting Area shall have approximately 90% 2x2 perforated metal ceiling and 10% GWB soffits.

Item 25- Bridging Document Drawing A-440: CLARIFICATION - Rigid insulation is not needed beneath the slab. The Energy Code requires Vertical, R-10 insulation to 24" below finished grade at the building perimeter.

Item 26- Bridging Document Drawing A-440: CLARIFICATION - The below slab vertical insulation shall extend a minimum 24" below grade.

Item 27- Bridging Document Drawings AP-410 & AP-411: CLARIFICATION - Thin brick embedded in precast is acceptable at the Parking Structure only.

Item 28- Bridging Document Drawings AP-410 & AP-411: CLARIFICATION - To maintain visual continuity and design consistency, curtainwall glazing properties at the parking structure shall match the curtainwall system at the RTMC building.

Item 29- Bridging Document Appendix S.11: CLARIFICATION - The new finishes for the RTMC backfill shall match the adjacent spaces of similar function.

### Performance Specification

#### Service modification to support the future and proposed EV charging stations:

- 1) **For the lower level surface parking lot** - DBC to provide one (1) 250 Amp, 208V, 3 phase power panel for ten (10) future EV charging station at the lower level surface parking lot to be in the main electrical room north wall. Upgrade "Site Power S-1" 480/277V power panel (SWBD-BUS B #10) from 100 Amp to 200 Amp (upsized Switchboard circuit breakers as required) for the Transformer 75 KVA (480V-208/120V) primary connection. Transformer size is estimated, final size to be confirmed with selected manufacturer EV station load. Provide 1-1/2" PVC underground conduit and wiring to each Dual charging station from the 250 Amp, 208V, 3 phase power panel. The power panel EV charging station circuit breaker shall have a shunt trip feature or Square D Powerlink panelboard, so on loss of power for any or all charging stations circuits can be opened. Communications or control wiring to be provided.
  
- 2) **For the new Parking Garage** - DBC to provide one (1) 250 Amp, 208V, 3 phase power panel for six (6) EV charging stations in the parking garage along with wiring for an additional four (4) stations to be added by PennDOT later. Upgrade "Garage Power G-1" 480V/277V power panel (SWBD-BUS B #9) from 200 Amp to 300 Amp (upsized Switchboard circuit breakers as required) for the 75 KVA Transformer (480V-208/120V) primary connection. Transformer size is estimated, final size to be confirmed with selected manufacturer EV station load. Provide 1-1/2" PVC underground conduit and wiring to each Dual charging station from the 250 Amp, 208V, 3 phase power panel. The power panel EV charging station circuit breaker shall have a shunt trip feature or Square D Powerlink panelboard, so on loss of power for any or all charging stations circuits can be opened. Communications or control wiring to be provided.