

COUNTY OF DELAWARE

ADDENDUM # 8

GW HILL CORRECTIONAL FACILITY: ELECTRONIC SECURITY, DETENTION HARDWARE, AND CENTRAL CONTROL
RELOCATION UPGRADE PROJECT (eDPW-101624)

The County of Delaware advertised on the County of Delaware's website/PennBid and in the Philadelphia Inquirer and Daily Times newspapers the Invitation to Bid for: **GW HILL CORRECTIONAL FACILITY: ELECTRONIC SECURITY, DETENTION HARDWARE, AND CENTRAL CONTROL RELOCATION UPGRADE PROJECT (EDPW-101624)** on July 10, 2024. Qualification data from Contractors (or Contractor teams) was received electronically via PennBid Thursday, August 29, 2024, @ 2:00 p.m. The Mandatory In-Person Pre-Bid Overview Meeting is scheduled on Tuesday, October 1, 2024 @ 9:00 a.m. at George W. Hill Correctional Facility, 500 Cheyney Road, Thornton, PA 19373 and Bid proposals are to be received via PennBid on Tuesday, November 12, 2024 @ 11:00 a.m.

*****BID QUESTIONS, CLARIFICATIONS AND ANSWERS*****

AS PART OF PROJECT REOPENING, ONLY THE ACCOUNT WHICH SUBMITTED THE DOCUMENTS SHOULD HAVE ACCESS TO THE REOPENED PROJECT. IF YOU ARE HAVING TROUBLE ACCESSING THE DOCUMENTS, PLEASE ENSURE YOU ARE USING THE EMAIL THAT SUBMITTED THE ACCOUNT.

REMAINING QUESTIONS HAVE BEEN ADDED BELOW. UPDATED DOCUMENTS/DRAWINGS AND NEW PHOTOS MENTIONED BELOW HAVE BEEN UPLOADED INTO THE SECURE DRIVE WITH THE EXISTING DRAWINGS AS "EDPW-101624 ADDENDUM 8 DRAWINGS" AND "ISSUED FOR BID PHOTOS".

Question 1: Is approval required for the prime contractor, per Section 28 05 00, to perform work as a Security Systems Contractor?

Response: This project requires at a minimum of one (1) prequalified Contractor per team either as the Prime or as a subcontractor. It is the responsibility of the Prime Contractor to build their team to meet the requirements of all the Contract documents.

Question 2: Do subcontractors need to submit qualifications, prior to bid, to perform as a Security Systems Contractor?

Response: This project requires at a minimum of one (1) prequalified Contractor per team either as the Prime or as a subcontractor. It is the responsibility of the Prime Contractor to build their team to meet the requirements of all the Contract documents. If a team member does not meet the requirements of the project, they may be required to be removed from the project and replaced at the expense of the Contractor.

Question 3: Spec section 28 13 00 "Security Access Control System" subsection 2.2 identifies that the physical access control system must be based on Mercury Security OEM hardware and lists three pre-approved manufacturers. Would the following on-premises, Mercury based PACS systems be considered acceptable?

- Genetec Synergis
- Avigilon Unity
- Honeywell Prowatch
- ACRE Access Control

Response:

Specification Addendum

Contractor shall replace Section 28 13 00.2.2.A, B, and C with new Section 28 13 00.2.2.A, B, and C which has been updated to reflect additional requirements.

2.2 MANUFACTURERS

- A. The electronic Access Control System equipment as provided in this Division shall be based on the Mercury platform, an open access control infrastructure product line manufactured by Mercury Security or approved equal. Electronic access control systems not based on the Mercury Security MP/LP series intelligent controllers and MP/LP/MR series sub-controllers and I/O modules are not acceptable unless approved as an equal during submittal review.
- B. Mercury Security OEM equipment used shall be non-proprietary. No proprietary hardware shall be added to the Mercury Security OEM equipment by the supplier or integrator. Cloud based only Access Control Systems shall not be acceptable.
- C. Access Control System Software shall be provided by a Platinum, Platinum Elite, or Platinum Premier Partner of Mercury Security. Software provided shall be non-tiered and available for easy expansion and of the most recent version. ACS Software shall be by one of the following manufacturers or approved equal:
 - 1. Lenel S2
 - 2. Genetec
 - 3. Maxxess
 - 4. Avigilon
 - 5. or approved equal

Question 4: Can you advise as to what the existing access control headend is?

Response: Keri Systems – This is being removed under this Contract and will not be reused as it will be replaced by this project.

Question #5: Can a copy of the PLA for the project be made available to view? Only Volume 2 of project manual is available. Can Volume 1 be loaded as well?

Response: Project Labor Agreement (PLA) and Volume 1 is included within Volume One of the bid documents available on PennBid. Please look within the description for VOLUME 1 - BID DOCUMENTS. If you have trouble finding within the Public Files, please refer to the screenshot located within the VOLUME 1 DOCUMENTS VERIFICATION 10/14 Public Message for reference. If you still can not locate the documents, please call Tyler Rodriguez at 610-891-4686.

Question #6: (Note: this was originally sent as a direct message. Bidder was advised to place onto PennBid.) Trying to determine the intent of

Specifically

DA: Existing Door w/ New Surface Mount Lock

DB: Existing Door w/ New Custom Surface Mount Lock & Housing

I'm not certain as to what the intent would be.

Could it be that DA will indicate a new food pass lock, that mounts to the existing door.

Could it be that DA will indicate a retrofit food pass in an existing door.

Could DB indicate a retrofit food pass with a Splash Guard mounted to the door.

The only DEC sheet doesn't have any linked information with the ES-001 Legend that I can determine.

A visual example of this occur on ES-104; Zone C: where room [Safety Room C113] has indicated "DC" and the next room to the right [2 Bed Sleeping Room C112} indicates a "DA".

I can see the variance between the two cells. One being a Safety Cell vs a Two-Person Cell.

The other opening's listed under the above Legend that I have determined that are applicable to the DEC portion of the project:

DC: Existing Door w/ New 10300 Series Lock

DD: Existing Door w/ New 10120 Series Lock

DM: Existing Door w/ New 92492 Series Lock

DG: New 92492 Series Lock

These listings are quite clear as to the intent.

I've assumed that listing's:

DE: Existing SWG Door

DS: Existing SLD Door

Are indicating to me that as a DEC we're to certify and warrant the conditional operation and extend 2-year warranty period of these existing openings.

Is that the correct assumption?

Response:

DA – New Surface Mount Lock – Reference DEC-001, Detail 1 and Section 08 71 63.2.5

DB – New Surface Mount Lock Custom Sized to accommodate slightly smaller location – Reference DEC-001, Detail 1 and Section 08 71 63.2.5

For new Cuff Port locations in existing Doors reference Sheet DEC-001, Detail 2. Cuff Ports shall be installed in approximately 40 locations. Contractor shall reference Contract Documents for complete counts and locations.

DE and DS Symbols are to make Contractor aware of other existing controlled doors to be included within the electronic control systems. The warranty of this existing hardware is not included. The Contractor shall test and verify proper functionality per Sections 08 71 63, 28 05 00, and 28 05 10.

Question #7: Plan page ES507 details 2 and 3 have a note stating "12-outlet power supplies". Can further detail be provided as to what 12-outlet power supply this note is referring to?

Response:

Contractor shall change 12-OUTLET POWER SUPPLY ON DRAWING ES-507 TO READ:

CONTRACTOR SHALL SUPPLY A MINIMUM OF 12 OUTLET PDU (POWER DISTRIBUTION UNIT) CONNECTED TO POWER AS SUPPLIED BY THE CONTRACTOR.

Question #8: Can we assume network switches, intercom controllers, etc, sizes and quantities on the plans as diagrammatic? For instance, if a 24P or 48P network switch, or multiples, are shown is that exactly

what we must provide? Quantities shown in some instances are less or more than as necessary for the device served. Just wanting to ensure that we provide what is anticipated.

Response:

Drawings are diagrammatic, Contractor is responsible for providing network switches and ports for all equipment with 20% spare per Contract requirements.

Question #9: Office C1086 video workstation is shown twice on ES-402 and once on ES-400. Please advise which instance is correct.

Response:

ES-402 is correct. Reference updated drawing ES-400

Question #10: ES-400 shows a number of cameras routed to the Reception D1012 control room. Is this correct? Why not routed to C1103, especially where cameras are quite close? Is routing as shown required, or do we have flexibility in routing of devices?

Response:

Drawings are diagrammatic, the Contractor shall determine the final routing of all devices and ensure cabling distances are not exceeded. Reference Section 28 05 10, 01 33 00, and miscellaneous Specifications for Shop Drawing requirements.

Question #11: Regarding camera schedule, if a camera has no resolution entered in the column, what resolution are we to assume?

Response:

Refer to updated Camera Schedule.

Question #12:

Camera schedules are not aligning with the specifications.

For example, C.041 – 43 are noted on the schedule as 5mp and the specifications state 3MP for the anti-ligature corner type. Others have no resolution noted, and some have 8mp noted. Please advise.

Response:

Refer to updated Camera Schedule. Contractor shall provide cameras by accepted manufacturer meeting at minimum the requirements within the Specifications. Resolutions are provided to demonstrate intent for basis of design.

Question #13: Plan page ES-308 appears to indicate that there is existing fiber to DUI Elec RM 107, yet ES200 shows new 24 stand FO routed first to camera S.023, then to S.024 at the DUI building. Are both correct? Why not route new fiber (if required) to Elec. room.107 and place a patch panel there?

Response:

Reference updated drawing ES-308. New fiber goes to DUI Elec RM 107. Reference updated Drawings ES-402.

Question #14: Plan page ES-308 shows an existing wall rack in details 1 and 2 (and on the associated floorplan). Detail 3 seems to indicate that we are to replace the existing wall rack. Please confirm if we are to replace or reuse existing.

Response:

Reference updated drawing ES-308.

Question #15: Plan page ES-112 shows 4 new day room touchscreens and 4 replaced master intercoms. What is at these locations right now? Is there anything to require demolition at these 4 locations other than the intercom masters? Do the existing intercom masters have conduit to them? Are there pictures? Is there existing power for the touchscreens?

Response:

Reference updated drawings ES-112. There is nothing at these locations currently. All equipment requires new cabling, power, and infrastructure to the new consoles.

Question #16: We need more detail on existing control room locations to estimate demolition – can we get any available pictures or can new pics be taken? This would include for HU2, HU4-9, HU10, D1012 (Reception), D1073 (SMU), and C1097

Response:

See new photos included in secure drive.

Question #17: Regarding the Type “C” single gang intercoms. Plan page ES510 detail 3 shows empty existing single gang back boxes, whereas on the site visit, those examined had an existing push button and wiring that will need to be removed and disposed of. The labor cost is different for each of these 2 options. Please indicate locations where call buttons and wiring have already been removed and disposed of and which are like the picture in detail 3.

Response:

The Contractor is to remove the existing push button and cabling located in the single gang back box. The Contractor is to provide new single gang intercom and cabling per Contract requirements. The Contractor is to enlarge the existing single gang backbox to accommodate single gang intercom. Contractor may fabricate with intercom substation manufacturer substations to fit existing backbox. Contractor shall assume all buttons and wiring is in place.

Question #18:

Specification section 280500 2.5A states that we are to provide UPS backup to all equipment provided and for racks, headend equipment, and workstations. Please clarify if we are to provide backup of lock power as well as headend electronics.

In addition, might we assume that we are to provide UPS even if not shown on the equipment room layout plans (for example ES-300)?

Response:

Contractor to provide UPS for all new equipment including lock power.

Question #19:

Plan page ES-514 gives us an example of the elements required of a housing touchscreen display, and includes control types for Lighting Control, Phone Control, Utility Control (with pic of toilet), Water Control, and TV Control. Can we be provided the quantities of relays (and input points) required of each control type at each location requiring these functions?

The picture provided at HU2 appears to show approx. 34 SSR relays; the typical picture of HU4-9 appears to show approx. 20 SSR relays; and we are not seeing any at HU10. We suspect that the SSRs are related to water, lights, and receptacle control, but someone had verbally indicated that these were for exhaust fans.

Also, we see nothing in the pictures indicative of telephone control. Can any guidance be provided for the interface to these types of controlled devices?

Response:

Lighting and Television Outlets are Utility Control. Reference Photos for existing control.

Question #20:

The 1-lines have an IC symbol with a subscript "S" in several places and this option is not shown on the ES-001 legend. Please advise definition.

See ES-400 at C1101; ES-401 at HU4-HU9; and ES-402 at SMU. The legend on ES-001 shows only and "N" and "C" option for subscripts.

Response:

Contractor shall reference IC with subscript "S" as equaling subscript "N" and "C" – Refer to floorplans for exact type. These are new intercoms being provided based on the "N" and "C" subscripts on the floorplans.