

**Addendum
No. 4**

Date: December 13, 2016
Project: DelDOT Kent County Administration Building
Renovation & OCR Compliance Project

The work herein shall be considered part of the bid documents for the referenced project and carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Acknowledge receipt of addendum on the bid form as indicated.

General

1. All General Trades Contractor project scope of work will be executed under a single phase of work.
2. As stated in Addendum #3, the Bid due date and Bid Opening date have been changed to Monday, December 19, 2016 at 11:30 p.m. The location of the Bid Opening remains the same as previously noted at the Thomas Collins Building.
3. As stated in Addendum #3, the substantial completion date has been revised to June 30, 2017.
4. The Bid Form has been revised and includes an increase to Allowance #1 now totaling \$20,000. See attached revised document.
5. No liquidated damages are required but see change in specifications regarding claims for consequential damages.

Clarifications

1. All duct smoke detectors are to be provided with new, key-operated test switches installed in accessible locations. Test switch locations are to be approved by owner prior to installation.
2. The locations indicated on fire alarm device plans are diagrammatic in nature and the following devices are to be installed in locations approved by owner:
 - a. Fire alarm annunciator
 - b. Fire alarm control unit
 - c. Remote power supply
 - d. Voice evacuation control unit
 - e. Remote test station with key
3. Scopes of work requiring electrical power that are identified on fire alarm device plans and required by section 28 31 00 are to be included with Add Alternate #1.
4. The General Trades Contractor is responsible for patching of wall and/or ceiling systems, and painting to match for all demolished fire alarm devices which is to be included in Add Alternate #1.
5. The General Trades Contractor scope of work includes the patch, prep, and painting of the underside of the metal stair pan, the vertical face of the landing, and all associated soffits and grilles within the stairwell spaces

defined as S3-1 and S4-1 in the East Wing in addition to the already specified stringers and risers.

6. The General Trades Contractor scope of work includes the patch, prep, and painting of all concrete faces of the stair including the underside of the stair, the stringer, the riser, and all associated soffits and grilles within the stairwell space defined as ES5-1.
7. The General Trades Contractor scope of work in the Executive Suite perimeter offices has been expanded to include the patch, prep, and painting of the recessed soffit along the window wall.
8. The General Trades Contractor scope of work in the Executive Suite Dover Conference Room includes the patch, prep, and painting of all currently painted trim molding, ceiling soffits, and grilles in addition to any new gypsum board surface as shown in attached sketch SK-A.2.
9. The General Trades Contractor to remove all vinyl wall coverings and adhesive in their entirety at all bathrooms above tile wainscoting and to install new commercial grade vinyl wall coverings.
10. The General Trades Contractor is to remove existing carpet adhesive by mechanically abrasive means and methods to properly prepare access floor concrete panel surface for new floor finishes.
11. Fire alarm annunciator panels are to be provided to display building map and Led with zones as directed by DelDOT.
12. Sheet A6.2, details 1 and 2 reference OCR / ADA scope of work on the 1st and 2nd floor atrium space requirement to provide new ADA compliant water coolers. See the attached sketch SK-A.3 which provides additional detail regarding removal and replacement of existing wall covering in the associated areas.
13. Material allowance for new wall covering to be \$21 per linear yard.

Questions & Answers

1. Question: Is a fire alarm printer required on this project?

Answer: Yes.

2. Question: Are DNRW duct detectors (watertight) required on this project or can we use standard DNR duct detectors?

Answer: Watertight duct detectors are required where installed in exterior locations.

3. Question: The power supply counts on this project are wrong, please see the following:

- a. Please see Fire Detection and Alarm Page 283100-12.
- b. There are only (2) two Remote Power Supply(ies) indicated on the drawings (ACPS-610).

- i. Please see drawing numbers E9.13 and E9.14.
 - ii. There are 570 new notification devices on this project.
- c. If each notification device on average draws .15 amps = 85.5 amps of total power needed.
 - d. The power supplies specified provide 6 amps which is a grand total of 12 amps.
 - e. The means you would need a minimum of 15 power supplies (ACPS-610) – 85.5 divided by 6 amps = 14.25.
 - f. We would recommend limiting each power supply to a maximum of 80% capacity, which mean you would need grand total of 18 power supplies (ACPS-610).
 - g. Each power supply requires (2) two 12v back-up batteries, this change will increase your back-up battery count from 4 to 36.
 - h. Please provide detailed information (i.e. drawing page number and room number) regarding where these additional power supplies are able to be installed.

Answer: See changes to drawings.

- 4. Question: Please provide a clear definition between the FAA (Fire Alarm Annunciator) and the LOC (Local Operating Console).

Answer: Devices identified as local operating consoles are removed from the project. See changes to drawings.

- 5. Question: Is the install a microphone in both the FAA and LOC locations required?

Answer: A microphone is to be provided at the FACU only. FAA devices are to be provided with message generators as described in 28 31 00, 2.02, A.

- 6. Question: Is a redundant/back-up amplifier required for the “Audio Amplifier”?

Answer: Yes.

- 7. Question: Are fire fighter telephones / two way emergency telephones required? If yes, where?

Answer: Yes, a two-way emergency telephone is required at the FACU.

- 8. Question: When you read the notes for the Specialties Items, there are a lot of removal and re-use of the toilet accessories. For instance, note T-18 remove existing coat hook from toilet partition and re-install at the ADA height. Who will remove the hook and install it? Also, someone has to patch the holes where it was removed.

If the existing accessories do not get re-used, the new ones do not have a manufacturer or model number, such as Note T-02 install new fully recessed paper towel dispenser.

Answer: The General Trades Contractor is responsible for coordinating and directing the appropriate trades people to complete the required scope of work. Regarding new toilet accessories, the new recessed paper towel dispenser is as follows: Bobrick B-4369 ConturaSeries®, Recessed Paper Towel Dispenser/Waste Receptacle with TowelMate and LinerMate.

9. Question: I have attached a cut sheet for the Honeywell approved equal fire alarm control panel. We are requesting this panel as an equal and the requirement for the Honeywell platinum distributor be removed from the spec per section 8) a. of the fire alarm spec. (The Platinum Distributor limits the participating contractor to one fire alarm vendor.) This may already be resolved per question #25 addendum #3. We would like to provide code compliant system of equal design in compliance with the drawings and specifications provided. Please let me know if you need any supporting documents to allow this product as an equal. Additional references can be provided at your request.

Answer: The request to remove the requirement that the FA installer be Platinum certified by the Honeywell Integrated Security Dealer Service Certification Program was addressed in addendum #3. The product substitution (Silent Knight) is rejected. 28 31 00; 2.01, C1 requires product substitutions be submitted with product data at least 10 calendar days prior to bid opening. The submitted substitution is not a complete submittal.

10. Question: Can SimplexGrinnell's 4100ES panel be listed as an acceptable substitution for the DeIDOT Administration building renovation project?

Answer: This product substitution is rejected. 28 31 00; 2.01, C1 requires product substitutions be submitted with product data at least 10 calendar days prior to bid opening. The submittal provided with product data is incomplete and does not completely meet the fire alarm specification.

11. Question: Need clarification on where to find specifications for floor boxes.

Answer: See specification section 262726, item 2.10, A and B.

12. Question: Is there a spec for the "Furniture Power & IT Feed Box" & "Multiservice Recessed Floor Box"?

Answer: See Question & Answer, Item 11.

13. Question: There are approximately 166 new electrical boxes shown, are there 166 holes in place?

Answer: Unknown.

14. Question: Are the new Eboxes the same size as the old Eboxes so the existing holes can be used?

Answer: General Trades Contractor to confirm in field.

15. Question: Is there attic stock available (concrete floor panels) should there be damaged or excess holes?

Answer: Yes, some attic stock is located in the old boiler room on the lower level. Note as well that additional existing tiles will become available in areas where new structural steel and floor is installed for high density shelving.

16. Question: Do we need to use NEMA 3R for under floor j-boxes? Is it sprinkled under the floor?

Answer: No NEMA 3R boxes are required and there are no sprinklers below floor.

17. Question: I have a technical question in reference to the welding of aluminum to steel. 6.1 section 9 and 10 calls for the aluminum handrail to be welded to the steel supports on the guardrail. This is a sophisticated joining of the two metals. Can the desired method of joining aluminum to steel be explained in detail? Would a different fastening method be acceptable?

Answer: Yes. Aluminum handrail may be mechanically fastened to brackets so long as it is done properly and in a workman like manner.

18. Question: Please verify that new counters are intended in bathrooms E160, E162, E254 & E256.

Answer: Correct.

19. Question: Are the new counters referenced previously (in bathrooms E160, E162, E254 & E256) to be solid surface or laminate?

Answer: Plastic laminate.

20. Question: Drawing S1.1 does not indicate bottom of steel heights in the rooms where the operable partitions will be installed.

Answer: General Trades Contractor to coordinate the bottom of steel height with the operable partition vendor to ensure that the partition is flush with the ceiling grid.

21. Question: Under Addendum 3 question 7 – please provide a door schedule & hardware sets for the doors required for alternate #2 at new conference rooms.

Answer: Doors 202 and 203 are listed in the door schedule as shown on sheet A6.2. Door hardware set to be equal to typical defined. See specifications for detail.

Changes to Specification Manual:

1. *Specification 28 31 00 – 3.03; E:* Delete item. Delete requirement for three-day training session for maintenance technicians.
2. *AIA Contract Document - 15.1.6 CLAIMS FOR CONSEQUENTIAL DAMAGES:* Delete Paragraph 15.1.6 in its entirety. As the State is incurring significant costs to rehouse its equipment and staff during the project, any delay in its completion has an impact on the State of \$ 41,666.66 per month in offsite rent. Should the project run over its deadline, the State will seek consequential or incidental or indirect damages and claim for any and all months that it is required to pay additional rent to house its equipment and staff offsite.

Changes to Drawings

1. *Drawing E9.13 – See revised E9.13, attached:*
 - a. Revise System Note #12 as indicated.
 - b. Add feeder tags as indicated.
 - c. Identify location for panel PNL-GSP.
 - d. Add remote power supplies as indicated.
 - e. Add panel replacement of PNL-GSP with 42-circuit panel as indicated.
 - f. Delete FAA in “Public Relations” Room.
 - g. Delete local operating consoles.
2. *Drawing E9.14 – See revised E9.14, attached:*
 - a. Revise System Note #12 as indicated.
 - b. Add feeder tags as indicated.
 - c. Add remote power supplies as indicated.
 - d. Add FAA at northeast entrance as indicated.
 - e. Delete local operating consoles.
3. *Drawing E9.15 – See revised E9.15, attached:*
 - a. Revise System Note #12 as indicated.
 - b. Add feeder tags as indicated.
 - c. Add remote power supplies as indicated.
 - d. Delete local operating consoles.
4. *Drawing E9.16 – See revised E9.16, attached:*
 - a. Revise System Note #12 as indicated.
 - b. Add feeder tags as indicated.
 - c. Add remote power supplies as indicated.
 - d. Delete local operating consoles.
5. *Drawing E9.17 – See revised E9.17, attached:*
 - a. Revise System Note #12 as indicated.
 - b. Add feeder tags as indicated.
 - c. Add remote power supplies as indicated.
 - d. Delete local operating consoles.

6. *Drawing E9.18* – See revised E9.18, attached:
 - a. Revise System Note #12 as indicated.
7. *Drawing E9.19* – See revised E9.19, attached:
 - a. Add panel replacement of PNL-GSP. Revise panel schedule as indicated.
 - b. Add “Typical Fully-Hinged Surface Mounted Door and Trim Detail.”
8. *Sketch SK-A.2* – See new Executive Suite Location Plan and Elevations of conference room, attached.
9. *Sketch SK-A.3* – See new Partial 1st and 2nd floor plans of atrium space, attached.

End