

**Addendum No. 3**

September 20, 2018

Delaware Department of Correction

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James T. Vaughn Correctional Center

Project Name: **JT VAUGHN CORRECTIONAL CENTER BUILDING 20 Expansion****Bid Package "B"**

OMB/DFM/DOC Contract No: MJ3804000097

NOTICE: Attach this addendum to the Project Manual for this project. It modifies and becomes a part of the Bidding and Contract Documents dated August 30, 2018. Work for materials not specifically mentioned herein are to be as described in the main body of the specifications and as shown on the Drawings. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

The bidding and contract documents for the above referenced project are amended as follows:

GENERAL CLARIFICATIONS:

1. Contract JTVCC-006 Carpentry & General Trades is responsible for the demolition work identified in the contract drawings. This will include the removal of the covered concrete walkway and fencing as indicated on sheet CC-05 of the contract documents. Coordinate with the bid package A contractor on site.

QUESTIONS AND ANSWERS:

1. Q. What is the current building and site BAS system?
A. JC Metasys Niagara. Siemens is not acceptable.
2. Q. Can you clarify our understanding that the exterior windows are included in the carpentry bid package as part of the security equipment contractor's work, specified under 111910 Hollow Metal and 111930 Security Glass and Glazing?
A. Contract JTVCC-006 Carpentry & General Trades is responsible for to provide and install the windows systems for this project.
3. Q. Will security sealants be required at dissimilar materials such as vents, lights, visual display boards etc.?
A. Security sealant will be required for items as previously noted for inmate toilet area. The other areas do not require security sealant for vents, lights, visual display boards
4. Q. The Addendum 2 111000-3 spec, item 3 says the SEC will "furnish and install main power circuitry, wire and wiring for any products supplied under this section." I'm





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thinking main power circuitry would be by the electrician and maybe even the low voltage wiring to the hardware (that varies from job to job). Please clarify this sentence requirements for the carpentry package.

- A. Contract JTVCC-006 Carpentry & General Trades owns the SEC contractor Section 11 10 00 within their contract scope. As identified in the SEC technical specification this contract shall furnish and install main power circuitry, wire and wiring for any products supplied under this section.
5. Q. On page three of Addendum #2 the answer to question 5 states that the existing security vendor is JCI. Is that Johnson Controls? If so is there a local contact?
- A. Yes JCI is Johnson controls.
Mark Bradford, Account Engineer
Johnson Controls Inc.
60 Loveton Circle
Sparks, MD
Cell: 571-287-1333
Email: mark.k.bradford@jci.com
6. Q. Who owns the sealing the concrete floors in rooms 101, 103 and 110? Painter or concrete guys?
- A. Contract JTVCC-009 Painting and coating is responsible to seal all concrete floors as indicated on the documents.
7. Q. Interior block walls the specs are calling for two different paint systems. Can the areas that receive the high performance coating be clarified. Spec indicates "inmate areas" which could be everywhere?
- A. High Performance coatings shall be utilized on the inmate toilet, classrooms and corridors.
8. Q. Exposed open ceilings acoustical black paint, no specifications are provided. Please provide a spec for bidding.
- A. Specification section 09 83 16 Acoustical Finish System is included in this addendum.





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MODIFICATIONS TO SPECIFICATIONS:

1. Specification Section 09 83 16 Acoustical Finish System: ADD this section attached to this addendum.

MODIFICATIONS TO DRAWINGS:

n/a

ATTACHMENTS:

Specification Section 09 83 16 Acoustical Finish System

End of Addendum No. 3



JTVCC BUILDING 20 EXPANSION**DIVISION OF FACILITIES MANAGEMENT****PART 1 – GENERAL****1.01 SECTION INCLUDES**

- A. Sprayed cellulose finish system.

1.02 RELATED ITEMS

- A. Clips, hangers, supports, sleeves and other attachments to spray bases are to be placed by other trades prior to the application of sprayed insulation.
- B. Ducts, piping, conduit or other suspended equipment shall not be positioned until after the application of sprayed insulation.

1.03 SUBMITTALS

- A. Copy of manufacturer's ISO 9001:2008 Certification.
- B. Submit 2 copies of test reports indicating compliance with the following:
1. Minimum light reflectivity:
 - a. Arctic White: 81+
 - b. White: 73+
 2. NRC values per ASTM C-423 conducted by a NVLAP certified testing laboratory:

SonaSpray "fc" on Solid Backing							
Inches	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	NRC
0.50"	.00	.14	.49	.87	1.00	.99	.65
1.00"	.05	.40	.94	1.04	.97	.99	.85

SonaSpray "fc" on Ribbed Metal Deck							
Inches	125 HZ	250 HZ	500 HZ	1000 HZ	2000 HZ	4000 HZ	NRC
0.75"	.17	.58	.91	.89	.87	.84	.80

3. Flame Spread Index: 5 ASTM E-84/UL 723
 4. Smoke Developed: 5 ASTM E-84/UL 723
 5. Bond Strength

SonaSpray "fc"	>600 psf ASTM E-736
SonaSpray "fc" Dura-K	>900 psf ASTM E-736
 6. Compression Strength

SonaSpray "fc"	>400 psf ASTM E-761
SonaSpray "fc" Dura-K	>600 psf ASTM E-761
 7. Comply with IBC 803.3/2009 IBC 803.10 stability requirements for interior finishes.
- C. Manufacturer's written certification that product contains no asbestos, fiberglass or other man-made mineral fibers.

1.04 QUALITY ASSURANCE

- A. Manufacturer must have a current listing with Underwriters Laboratories (UL) Code Evaluation Report.

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- B. Manufacturer must be in compliance with the current version of the locally recognized International Building Code.
- C. Manufacturer must be ISO 9001:2008 Certified.
- D. Applicator: Licensed by manufacturer.
- E. Manufacturer must subscribe to independent laboratory follow-up inspection services of Underwriters Laboratories. Each bag shall be labeled accordingly.
- F. Mock-up: Apply a 100 square foot representative sample to be reviewed by the Architects and/or Owner prior to proceeding.

1.05 DELIVERY, STORAGE AND HANDLING

- A. Deliver in original, unopened containers bearing name of manufacturer, product identification and reference to U.L. testing.
- B. Store materials dry, off ground and under cover.
- C. Protect liquid adhesive from freezing.

PART 2 – PRODUCTS**2.01 ACCEPTABLE MANUFACTURERS**

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following
- B. International Cellulose Corporation
12315 Robin Boulevard
Houston, Texas 77045
(713) 433-6701 or (800) 444-1252
FAX: (713) 433-2029
- C. For approved applicators contact ICC at (800) 444-1252

2.02 MATERIALS

- A. SonaSpray “fc” Acoustical Finish (4:1 Adhesive Ratio)
- B. Color shall be as selected from manufacture’s full line of color options.

PART 3 – EXECUTION**3.01 EXAMINATION**

- A. Examine surfaces and report unsatisfactory conditions in writing. Do not proceed until unsatisfactory conditions are corrected.
- B. Verify surfaces to receive spray insulation to determine if priming/sealing is required to ensure bonding and/or to prevent discoloration caused by migratory stains.

3.02 PREPARATION

- A. Provide masking, drop cloths or other satisfactory coverings for materials/surfaces that are not to receive insulation to protect from over-spray.
- B. Coordinate installation of the sprayed cellulose fiber with work of other trades.
- C. Prime surfaces as required by manufacturer’s instructions or as determined by examination.

JTVCC BUILDING 20 EXPANSION**DIVISION OF FACILITIES MANAGEMENT****3.03 INSTALLATION OF CEILING SPRAY ACOUSTIC FINISH SYSTEM (ABOVE CLASSROOMS)**

- A. Average thickness to achieve NRC of 0.80 or greater.
- B. Spray-Applied Insulation: Apply spray-applied insulation according to manufacturer's written instructions. Do not apply insulation until installation of pipes, ducts, conduits, wiring, is completed and items not indicated to receive insulation are masked.
- C. Cure material with continuous natural or mechanical ventilation.
- D. Remove and dispose of over spray.

3.04 PROTECTION

- A. Protect finished installation under provisions of Division 1.

END OF SECTION