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ADDENDUM

Number: 1	NDW Project #: 1214
Project: Renovate 4 West 585-12-132	Date: February 18, 2014

The contractor shall acknowledge receipt of all addenda by listing the number where indicated on the bid form.

Drawings, specifications, and / or proposals are herein amended, expanded, and / or modified, and become a part of the Contract Documents with the same effect as if incorporated in the original documents. Any contrary provisions contained, or referred to, in Drawings and / or Specifications, shall remain applicable unless overridden by this Addendum. Revised provisions herein shall include all labor, materials, methods, modifications, etc. required for the completion of the Work.

Specification Modifications:

1. 01 00 00 General Requirements: Re-issued with changes.
2. 00 01 10 Table of Contents - Reissued
 - a. Add 23 22 13 Steam and Condensate Heating Piping
3. 08 71 00 Door Hardware:
 - a. Lockset in Hardware Set 13 to be a model intended for installation in aluminum entrance door stile, similar to Adams-Rite model 4530 with model 4600-02 levers.
 - b. Add hardware sets 16 and 17:

<u>HS 16</u>	<u>HS 17</u>
Butt hinges	Electric strike
F07 storeroom lockset	
Cylinder	
Electric strike	
Door position sensor	
Request to exit sensor	
Closer	
Kick plate	
 - c. Modify section 3.6.D to include HS-17.
 - d. Add to section 3.6:
 - E. Hardware set HS-16: DPS reports door opening to security system, request to exit sensor reports presence on inside of door. Electric strike released by card reader.
4. 08 71 13 Door Operators:
 - a. Section 1.7.A - Change reference to BHMA 156.10 to BHMA 156.19.

- b. Section 1.8.B - Change reference to "156.19-07 Power Assist and Low Energy Power Operated Doors".
- 5. 22 05 23
 - a. Under Paragraph 2.1 – Applicable Publications: Revise subparagraph 2.1.E to read: 'Ball valves, pressure regulating valves, gate valves, globe valves, and plug valves used to supply potable water shall meet the requirements of NSF 61 and NSF/ANSI 372.'
- 6. 22 11 00
 - a. Under Paragraph 1.4 – Applicable Publications:
 - i. Add to subparagraph 1.4.B: 'NSF/ANSI 372 (2011) Drinking Water System Components – Lead Content'
 - b. Under Paragraph 1.5 – Quality Assurance:
 - i. Eliminate subparagraph 1.5.B. 'For mechanical pressed sealed fittings, only tools of fitting manufacture shall be used' in its entirety.
 - ii. Eliminate subparagraph 1.5.C. 'Mechanical pressed fittings shall be installed by factory trained workers' in its entirety.
 - c. Eliminate Paragraph 1.6 – Spare Parts in its entirety.
- 7. 23 05 93
 - a. Under Subparagraph 3.5.C – revise to read "Verify that all items such as ductwork piping, ports, terminals, connectors, etc., that is required for TAB are installed, including all access doors. Provide a report to the Resident Engineer.
- 8. 23 07 11
 - a. Under Subparagraph 3.2.A.4. Concealed return air duct:
 - i. Eliminate subparagraph 3.2.A.4.a. In interstitial spaces (where not subject to damage): 40 mm (1-1/2 inch thick insulation faced with FSK.
 - ii. Renumber 3.2.A.4.b. to 3.2.A.4.a. and revise to read as follows: "Concealed return air ductwork need not be insulated."
 - b. Revise subparagraph 3.1.H.5.a. to read "Control valves-water and steam."
 - c. Add paragraph 1.2.D. Section 23 22 13, Steam and Condensate Heating Piping.
 - i. Renumber the proceeding paragraphs accordingly.
 - d. Add paragraph 3.2.E. Cellular Glass Insulation.
 - e. Add paragraph 3.2.F. Mineral Fiber Board.
 - f. Add paragraph 3.3.A. Temperature range 100 to 121 degrees C (211 to 250 degrees F):
 - i. Renumber the proceeding paragraphs accordingly.
 - g. Add LPS to paragraph 3.5 Pipe Insulation Schedule.
 - h. This section has been reissued for additional information regarding added sections, and clarity.
- 9. 23 22 13 Steam and Condensate Heating Piping
 - a. Add this section in its entirety. See attached spec.
 - b. Add this section to the specifications TOC.
- 10. 23 31 00
 - a. Under Subparagraph 3.2.B- revise to read "... (including all supply, return, and exhaust ductwork and installation of all access doors),...
- 11. 23 37 00 Air Outlets and Inlets

- a. Add subparagraph 2.1.C.4. Drum Louvers: Aluminum construction, drum louver, with pivoted blades and rotating drum to adjust length of throw and direction.
 - i. 2.1.C.4.a. Register shall have integral; face adjustable, opposed blade damper constructed of heavy gauge steel. Damper shall be operable from the face of the register. Units shall be nozzle type with adjustable discharge pattern.
- 12.23 82 00 Convection Heating and Cooling Units
 - a. Add paragraph 1.1.B. Convectors.
 - b. Add subparagraph 1.4.B.2. Convectors.
 - c. Add article 2.2 Convectors. See attached spec for information on convectors.
- 13.27 15 00 – Communications System Horizontal Cabling: The standard information outlet, identified on the drawings as a Data/Voice receptacle shall include 4 cables run to each outlet location and 4 jacks installed at each outlet location. Contractor shall coordinate jack color and labeling with VA staff.
- 14.27 52 23 – Nurse Call & Code Blue System, 28 13 00 – Physical Access and Control System, and 28 31 00 – Fire Detection & Alarm System. Contractor shall provide training for revised systems. Nurse Call System training shall consist of two 4 hour sessions. Trained personnel shall include staff working in the affected areas, Engineering Staff, and any other staff the VA deems appropriate. Fire Alarm System training shall consist of two 8 hour sessions and one follow up 4 hour session. Trained personnel shall include VA Security Staff, Engineering Staff, and any other staff the VA deems appropriate. Physical Access and Control System training shall consist of two 4 hour sessions. Trained personnel shall include VA Security Staff, Engineering Staff, and any other staff the VA deems appropriate. These training requirements supersede other training requirements mentioned in these referenced specification sections.

Drawing Modifications:

- 1. A003 - Phasing Plan (re-issued): Add keynote 8 and 9 regarding work in room 4122.
- 2. AD100 - Partial Fourth Floor Demolition Plan - Part A: Add keynote 8 to the door to Data / Phone 4122.
- 3. A100 - Partial Fourth Floor Plan
 - a. Change keynote 21 to read: 12" W x 18" D x 30" H double stack metal locker per Specification 10 51 13.
 - b. Show new door and frame at door 4122.0.
 - c. Add card reader per keynote 10 to east of door 4122.0.
- 4. A600 - Door Schedule
 - a. Change door 4122.0 to read Frame type 1, Material HM, Door type F, Material SCW, number 1, width 3'-0", height 7'-0", thickness 1 3/4", hardware set 16.
 - b. Add door 4280P.0 - the entrance door to Respiratory Therapy. Door 4280P.0 to read Frame type EX, material HM, Door type EX, material SCW, number 1, width 3'-0", height 7'-0", thickness 1 3/4", hardware set 17, remark 4. Remark 4 to read "4. Provide new card reader and electric strike at existing door and frame."

5. PD102 – 3RD FLOOR PLUMBING DEMOLITION PLAN - PART B (sheet reissued)
 - a. Revised keyed note #2 to read: 'Remove existing water riser extending through fourth floor.
 - b. Existing riser shall be capped in 3rd floor ceiling.
6. PD302 – 4TH FLOOR WATER PLUMBING DEMOLITION PLAN - PART B (sheet reissued)
 - a. Revised keyed note #2 to read: 'Remove existing water riser extending through fourth floor.
 - b. Existing riser shall be capped in 3rd floor ceiling.
7. PL102 – 3RD FLOOR PLUMBING PLAN - PART B (sheet reissued)
 - a. Removed keyed note #4 in its entirety.
 - b. Removed new plumbing riser to 4th floor. Existing riser shall be capped in 3rd floor ceiling.
8. PL302 – 4TH FLOOR WATER PLUMBING PLAN - PART B (sheet reissued)
 - a. Existing domestic water risers shall be supplied by new water mains on 4th floor.
 - b. Revised domestic water piping to accommodate existing risers to 5th floor. Hot water main in Corridor C4-1 has been revised to be 1 ½" HW.E002, EP100, EP101, EP102: cables feeding TV outlets shall be run back to data closet 4122. Coordinate exact location in rack with Owner.
9. MD101 – 4TH FLOOR DUCTWORK DEMO PLAN – PART A (sheet reissued): Added keynotes pertaining to phasing plan
10. MD102 – 4TH FLOOR DUCTWORK DEMO PLAN – PART B (sheet reissued): Added keynotes pertaining to phasing plan.
11. MD104 – 4TH FLOOR MECHANICAL PIPING DEMO PLAN – PART A (sheet reissued): Added keynotes pertaining to phasing plan.
12. MD105 – 4TH FLOOR DUCTWORK DEMO PLAN – PART B (sheet reissued): Added keynotes pertaining to phasing plan.
13. MH101 – 4TH FLOOR DUCTWORK PLAN – PART A (sheet reissued): Added keynotes pertaining to phasing plan
14. MH102 – 4TH FLOOR DUCTWORK PLAN – PART B (sheet reissued): Added keynotes pertaining to phasing plan.
15. MP101 – 4TH FLOOR MECHANICAL PIPING PLAN – PART A (sheet reissued)
 - a. Added keynotes pertaining to phasing plan.
 - b. Added additional piping for temporary pipe connection
16. MP102 – 4TH FLOOR DUCTWORK PLAN – PART B (sheet reissued): Added keynotes pertaining to phasing plan.
17. M602: All VAV hot water reheat coils should be selected with 0% glycol and a minimum LAT of 105.
18. EP101:
 - a. Existing fiber optic cables into and out of the existing data rack shall be relocated and re-terminated in the new / revised rack in the expanded Room 4122. Coordinate with Owner.
 - b. EP.101 – Drawing sheet not issued.
 - i. At door 4122.0; Add Card Reader on corridor side, add electric strike, door position sensor and request to exit sensor.

- ii. At door 4280P.0; Add Card Reader and electric strike to the existing door.
Note: this door is just south of the main elevators into Respiratory Therapy.
This door is outside of the project area and not on any drawings.

19. EL101 – Remove Light(s)

20. EL102 – Remove Light(s)

21. Sheet EL103 – Add Notation.

Attachments: Specification 01 00 00, 00 01 10, 28 82 00, 23 22 13, A003, A100, PD102, PD302, PL102, PL302, MD101, MD102, MD104, MD105, MH101, MH102, MP101, MP102, M602, EL101, EL102, EL103

End of Addendum
