



ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

ADDENDUM

PROJECT: Nebraska Department of Correctional Services
Cornhusker State Industries - Program 921
TSCI - N2 Addition
Tecumseh, Nebraska

ADDENDUM NUMBER

AD-1

ISSUED BY:

Mike Wachal, Coordinating Professional
Greg Smith, Architect
Darin Sperling, Structural Engineer
Brandon Sire, Mechanical Engineer
Brian Meyers, Electrical Engineer

PROJECT #: 14-0043

DATE ISSUED: Wednesday, February 11, 2015

This addendum is issued by the Architect to all known bidders before receipt of proposals, for the purpose of explaining, interpreting, or modifying the original plans and specifications. When enumerated by the bidder upon the proposal sheet, the information or instructions given hereon will be equally binding upon all parties as if included in the original plans and specifications.

BIDDER MUST ENTER THE NUMBER OF THIS ADDENDUM ON HIS PROPOSAL SHEET

THE FOLLOWING ITEMS ARE GENERAL INFORMATION:

AD-1, ITEM 1:

In reference to the Pre-Bid Meeting held on January 22, 2015, see attached agenda with meeting discussion comments italicized and sign-in sheet for those in attendance.

THE FOLLOWING ITEMS ARE APPLICABLE TO THE SPECIFICATIONS:

AD-1, ITEM 2:

In reference to Section 001116 - Invitation to Bid, under Article 1.2, Paragraph A, Sub-paragraph 3, revise sub-paragraph a to read as follows:

- a. Jerry Pohlmann
State of Nebraska, Department of Correctional Services
Bldg. 1, Folsom and West Prospector Place
Lincoln, NE 68522

OR mailed to:

P.O. Box 94661
Lincoln, NE 68509-4661

AD-1, ITEM 3:

In reference to **Section 014000 - Quality Requirements**, under Article 1.1, add Paragraph C reading as follows:

Architect / Engineer as consultant will pay all soil and concrete testing and special inspection costs. Owner shall coordinate and allow for such testing to occur during the course of construction as indicated in specific specification sections.

AD-1, ITEM 4:

In reference to **Section 075323 - Ethylene-Propylene-Diene-Monomer (EPDM) Roofing**, please note the following items as:

Under Article 2.1, Paragraph A, Sub-paragraph 2, revise thickness to be 60 mils.

Under Article 2.2, Paragraph B, remove the words "water-based".

Under Article 2.3, add Paragraph D reading as follows:

In certain jurisdictions, including those governed by IBC, a substrate board is required as a "Thermal Barrier." If manufacturer's system meets requirements of FM and Nebraska State Fire Marshal as authority having jurisdiction without substrate board then it will not be required. Manufacturer shall provide system with 1/2 inch cover board such as Versico Securshield or equivalent.

Under Article 2.4, add sentence at the end of Paragraph A reading "Insulation shall have a LTTR of 6.22 per inch."

Under Article 3.2, add sentence at the end of Paragraph E reading "This is to be a fully-adhered roofing system with limited, if any, fasteners through metal deck system. If necessary, may be used to meet requirements of Exposure B and as needed for manufacturer's warranty requirements."

AD-1, ITEM 5:

In reference to **Section 087100 - Door Hardware**, note the following:

Remove all reference to Stanley Commercial Hardware.

Under Article 1.1, Paragraph B, add sub-paragraph b reading "To fulfill needs of Owner's on-going maintenance requirements, hardware components shall be restricted to those listed in Hardware Schedule listed under Article 3.2 - Door Hardware Schedule."

AD-1, ITEM 6:

In reference to **Section 224000 – Plumbing Fixtures**, add the following as Article 2.6, Paragraph A and subparagraphs 1,2,3 :

2.6 WASH FOUNTAINS

- A. Basis of Design Product: Subject to compliance with requirements, provide the product indicated on Drawings or a comparable product by one of the following:
1. Acorn
 2. Bradley
 3. Willoughby

AD-1, ITEM 7:

In reference to Section 224000 – Plumbing Fixtures, add the following as Article 2.7, Paragraph A and subparagraphs 1,2 :

- 2.6 EMERGENCY FIXTURES AND MIXING VALVES
 - A. Basis of Design Product: Subject to compliance with requirements, provide the product indicated on Drawings or a comparable product by one of the following:
 - 1. Bradley
 - 2. Stingray Systems

AD-1, ITEM 8:

In reference to Section 233113 - Metal Ducts, make the following changes:

Add the following sub-subparagraphs under Article 2.2, Paragraph A, Subparagraph 1:

- j. LaPine Metal Ducts.
- k. SET Duct Manufacturing.

Add the following subparagraphs under Article 2.4, Paragraph A:

- 4. LaPine Metal Ducts.
- 5. SET Duct Manufacturing.

AD-1, ITEM 9:

In reference to Section 237313 - Modular Indoor Central-station Air-handling Units, add the following subparagraph under Article 2.1, Paragraph A:

- 3. Carrier.

AD-1, ITEM 10:

In reference to Section 271100 – Communication Equipment Room Fittings, revise the list of manufacturers in the subparagraph under Article 2.2, Paragraph A to the following:

- 1. Atlas Sound. Provide 19 inch sectional wall cabinet with 15 inch deep center mounting section and 35 rack unit (35 RU) capacity. Include with optional heavy-duty caster support for rotation of cabinet body from rear section affixed to wall. Provide 335-15 rack with CT31A caster support. Include with option 19" rack mount fan EFP3-1 and six duplex outlet power strip ACS-1.

AD-1, ITEM 11:

In reference to Section 271100 – Communication Equipment Room Fittings, remove Paragraphs B-F under Article 2.2.

AD-1, ITEM 12:

In reference to **Section 271100 – Communication Equipment Room Fittings**, replace Paragraph D under Article 3.2 with the following:

- D. Coordinate layout and installation of communications equipment with DCS IT Networking Staff.
 - 1. Coordinate with equipment suppliers and DCS IT Network Staff to exchange information and agree on details of equipment arrangements and installation interfaces.
 - 2. Record agreements reached in meetings and distribute them to other participants.
 - 3. Adjust arrangements and locations of equipment, wall cabinets, cross-connects, and patch panels in equipment room to accommodate and optimize arrangement and space requirements of equipment. This coordination effort includes other communications, electronic safety and security, and related systems that share space in the equipment room.

AD-1, ITEM 13:

In reference to **Section 271500 – Communications Horizontal Cabling**, replace Paragraph A under Article 1.2 with the following:

- A. Coordinate layout and installation of communications equipment with DCS IT Networking Staff.

AD-1, ITEM 14:

In reference to **Section 271500 – Communications Horizontal Cabling**, replace Paragraph A under Article 2.4 with the following:

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Panduit Corp.

AD-1, ITEM 15:

In reference to **Section 271500 – Communications Horizontal Cabling**, add the following to Paragraph B under Article 2.6:

- 6. Provide Panduit CFPL2SY or CFPL4ST faceplates as applicable.

AD-1, ITEM 16:

In reference to **Section 271500 – Communications Horizontal Cabling**, replace Item 3 with the following in Paragraph B under Article 3.2:

- 3. Provide Panduit Mini-Com, CJ688TGIW, connectors at both ends of cable terminations.

AD-1, ITEM 17:

In reference to **Section 280513 – Conductors and Cables for Electronic Safety and Security**, replace Paragraph A under Article 2.3 with the following:

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Panduit Corp. Provide Panduit PUP6004BU-UY cable or equivalent.

AD-1, ITEM 18:

In reference to Section 280513 – Conductors and Cables for Electronic Safety and Security, replace Paragraph A under Article 2.4 with the following:

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Panduit Corp.

THE FOLLOWING ITEMS ARE APPLICABLE TO THE DRAWINGS:

AD-1, ITEM 19:

In reference to Sheet A-102 - Roof Plan, Detail 2, add note reading " 5" BASE LAYERS OF POLYISOCYANURATE, 1/2" PER 12" TAPERED CRICKETS WITH 1/2" START. AVERAGE R-VALUE FOR ROOF MUST BE 24 OR ABOVE."

AD-1, ITEM 20:

In reference to Sheet E-102, Electrical Power & Special System Plans, replace general note 11 with the following:

- 11. As part of the base bid the existing fire alarm panel, Notifier AFP-300, shall be replaced in place with new. The new panel shall be connected to the existing fire alarm communication network that exists on the campus which allows for remote communication to the head end fire alarm system at the main entrance. The new fire alarm panel shall also be connected to the existing and new fire alarm devices in the project building. All new fire alarm devices shall be compatible with the new panel to allow for full detection, control, supervision and notification functions. This includes air handler unit shutdown relays and duct smoke detectors. Coordinate all fire alarm work with mechanical contractor. See specifications on Sheet E-601 for further information.

AD-1, ITEM 21:

In reference to Sheet E-102, Electrical Power & Special System Plans, replace the second sentence in the Keyed Note 4 paragraph with the following:

- 4. Black Creek Integrated Systems Corp. shall terminate all camera cabling in the equipment cabinet on the camera system headend components and provide all camera system head end components, see Specifications on Sheet E-601 for complete breakdown of work responsibilities. The contractor is responsible to terminate the camera cables at the camera end.

AD-1, ITEM 22:

In reference to Sheet E-102, Electrical Power & Special System Plans, replace the second and third sentences in the Keyed Note 5 paragraph with the following:

- 5. Black Creek Integrated Systems Corp. shall terminate all door control cabling in the equipment cabinet on the locking system headend components and provide all camera system head end components, see Specifications on Sheet E-601 for complete breakdown of work responsibilities. Contractor is responsible to terminate the door control cabling at the doors in the field.

AD-1, ITEM 23:

In reference to **Sheet E-102, Electrical Power & Special System Plans**, replace Keyed Note 6 with the following:

6. Existing fire alarm panel to be replaced. Connect all new and existing initiating and notification devices and auxiliary components to the new panel. Field verify existing connections to remain as required. See General Note 11, this sheet, for further information.

AD-1, ITEM 24:

In reference to **Sheet E-102, Electrical Power & Special System Plans**, replace the word "N161" with "N160" in Keyed Note 24.

AD-1, ITEM 25:

In reference to **Sheet E-102, Electrical Power & Special System Plans**, replace Keyed Note 25 with the following:

25. Provide swing out wall mount cabinet. See specifications for complete requirements of cabinet. Locate the cabinet back section (that is affixed to the wall) to be as close to the plumbing chase access door in the southeast corner of the room as possible.

AD-1, ITEM 26:

In reference to **Sheet E-102, Electrical Power & Special System Plans**, replace the word "N161" with "N160" in Keyed Note 26.

AD-1, ITEM 27:

In reference to **Sheet E-501, Detail 9 – Communication & Camera Diagram**, replace Keyed Note 1 with the following:

25. Swing out wall mount cabinet. See specifications for complete requirements of cabinet. Mount where shown on Sheet E-102.

AD-1, ITEM 28:

In reference to **Sheet E-501, Detail 9 – Communication & Camera Diagram**, replace the word "N161" with "N160" in Keyed Note 3.

AD-1, ITEM 29:

In reference to **Sheet E-602, Electrical Single Line Diagram & Schedules, Miscellaneous Systems Specifications**, replace Paragraph D under the Intercom & Door Control System heading with the following:

- D. The contractor shall pay for all work to be done on the project by Black Creek Integrated Systems Corp. (Black Creek), contact at Black Creek is Michelle Connell, mconnell@blackcreekisc.com, Phone: 1-205-949-9924. This work includes: the furnishing and installation of all intercom system head end components and all door control head end components required, terminations of all intercom and door control cabling on the system headend components, and all programming required to fully integrate the field devices and head end components of the intercom and door control systems provided as part of this project into the existing facility's security systems. This work also includes all other functionality as required to be consistent with the existing intercom and door control systems on the campus. The contractor shall

provide all intercom and door control wiring, terminated at the field device end only, all conduit & boxes, and other field work as described in the plans. Contractor is responsible to coordinate with Black Creek as required to complete the work; including assisting Black Creek with any necessary onsite work they require in providing fully functional systems.

AD-1, ITEM 30:

In reference to Sheet E-602, Electrical Single Line Diagram & Schedules, Miscellaneous Systems Specifications, replace Paragraph A under the Fire Alarm System heading with the following:

- A. The contractor shall provide and install all of the necessary components to provide a new main fire alarm control panel in the project building. The existing obsolete fire alarm panel is a Notifier AFP-300 series panel. The new main fire alarm control panel will be installed in the existing panel location. All existing power, control, supervising, and communication fire alarm circuits are to remain and shall be reused and connected into the new panel. Retain the existing fiber communication cable that connects the panel to the network control station (NCS) located at the adjacent gatehouse building. As required, provide new power, control, supervising, and communication circuits as part of this project. The new fire alarm panel shall include device capacity to accommodate all the existing initiating and notification devices presently installed as well as twice the number of new initiating and notification devices included as part of this project. The fire alarm panel will include a communication network control module to allow the panel to fully communicate with the NCS. Provide the Notifier NFP-320 or equal fire alarm panel.

AD-1, ITEM 31:

In reference to Sheet E-602, Electrical Single Line Diagram & Schedules, Miscellaneous Systems Specifications, replace the first sentence of Paragraph C under the Fire Alarm System heading with the following: Connect all existing fire alarm circuits into the new fire alarm panel. Temporarily disconnect conduit and cabling to allow new panel to be installed.

AD-1, ITEM 32:

In reference to Sheet E-602, Electrical Single Line Diagram & Schedules, Miscellaneous Systems Specifications, delete Paragraph D under the Fire Alarm System heading in its entirety.

AD-1, ITEM 33:

In reference to Sheet E-602, Electrical Single Line Diagram & Schedules, Miscellaneous Systems Specifications, replace Paragraph G under the Fire Alarm System heading with the following:

- G. Provide all programming required to interface the new fire alarm panel with the NCS at the adjacent building. This includes all individual device program mapping, as well as all firmware upgrades at the new panel, at the NCS, and at any other existing fire alarm panels located in the other campus buildings that require firmware updates to communicate correctly with the system after the new panel is installed. This work also includes all other functionality as required to be consistent with the existing fire alarm system on the campus. All fire alarm system work in the project building and at other buildings on the campus shall be fully coordinated with Owner prior to commencement of work.

AD-1, ITEM 34:

In reference to Sheet E-602, Electrical Single Line Diagram & Schedules, Miscellaneous Systems Specifications, replace Paragraph H under the Intercom & Door Control System heading with the following:

- H. The contractor shall pay for all work to be done on the project by Black Creek Integrated Systems Corp. (Black Creek), contact at Black Creek is Michelle Connell, mconnell@blackcreekisc.com, Phone: 1-205-949-9924. This work includes: the furnishing and installation of all video security system head end

components, terminations of all video security camera and head end equipment component cabling on the system headend components, and all programming required to fully integrate the security camera system components provided as part of this project into the existing facility's security system. Black Creek shall program the new security cameras to record to a network video recorder as well as provide other functionality as required to be consistent with the existing security system on the campus. Contractor is responsible to coordinate with Black Creek as required to complete the work; including assisting Black Creek with any necessary onsite work they require in providing a fully functional video security system. See Paragraph G below for further discussion of the video security system requirements.

AD-1, ITEM 35:

In reference to Sheet E-602, Electrical Single Line Diagram & Schedules, Miscellaneous Systems Specifications, replace the first sentence of Paragraph G under the Intercom & Door Control System heading with the following:

- G. The contractor, in coordination with the Owner, Black Creek and work requirements of Paragraph H above, shall setup and program all new cameras on the project.

END AD-1

ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

Principals:

JON P. DALTON, PE
MICHAEL D. MARSH, AIA
MATTHEW C. METCALF, AIA
WADE W. STANGE, AIA
MICHAEL A. WACHAL, PE

SENIOR ASSOCIATES:

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OTHER LOCATIONS:

VERMILLION, SOUTH DAKOTA

PRE-BID CONFERENCE
DEPARTMENT OF CORRECTIONAL SERVICES
Program 921
Tecumseh State Correctional Institution Area "N2" Addition
Thursday, January 22, 2015 – 10:00 am C.D.T.

A. SIGN IN SHEET

B. INTRODUCTION

1. *Members of TSCI Corrections Staff, NDCS Engineering, and Davis Design project team introduced themselves.*

C. SCOPE OF PROJECT

1. *A 7,500 SF addition to existing.*

D. GENERAL REQUIREMENTS:

1. Receive bids by: **Thursday, February 19, 2015 2:00 pm C.D.T.**
 - a. Location of Bid Opening – Department of Correctional Services, Lincoln Regional Center, Folsom and West Prospector, Building 1, Conference Room E
2. Clarification requests closure date is **February 14, 2015.**
 - a. *Saturday, February 15th would be preferred for closeout of bidding questions.*
3. Bid Form – P1 and P2, includes:
 - a. Base Bid
 - b. Alternates
 - c. Note on bid form Addenda(s) received.
 - d. Number of Calendar Days.
 - e. Bid form to include a bid security 5% of the amount of bid by certified check made out to Department of Correctional Services.
 - f. Mark on our bid envelope the words "BID ENCLOSED".

E. SUPPLEMENTAL CONDITIONS:

1. **Security Conditions (SC2)** – Security checks on *ALL* contractor/subcontractor personnel and temporary I.D. cards will be issued to approved personnel. Approximately 14 days for security checks. Delivery personnel are exempt.

2. Facility Security issues:

- a. Construction limits/staging areas.
- b. Security Supervision.
 - i. Correctional staff reviewed policies.*
- c. Deliveries.
 - i. These will be through facility south gate.*
- d. Equipment left inside the security perimeter.
- e. One cell phone/pager.
 - i. Cell phone only to primary jobsite superintendents.*
- f. Laundry area project work.
 - i. Coordinate with corrections staff.*

3. Utilities:

- a. Water will be provided by the Facility where possible. Coordinate with Maintenance Manager.
- b. Temporary electricity will be provided by Facility where possible. Special requirements by contractor.
 - i. Make sure of system capacity for tie in.*
- c. Restroom will be made available by the Contractor.

4. Working hours will be coordinated with the Facility.

- a. Operational hours are 7:30 to 4:30 to coordinate with staff.*

5. Electronic Transfer of payment because the project is over 75,000.00.

- a. Will be worked out with successful bidder.*

6. Review of Tobacco Policy.

F. HIGHLIGHTS FROM TECHNICAL SPECIFICATIONS AND PLANS:

- 1. Project Construction components.
- 2. Form of Contract

G. TOURS

H. QUESTIONS

END OF AGENDA



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PRE-BID CONFERENCE SIGN-IN SHEET

PROJECT: State of Nebraska, Department of Corrections

DATE: January 22, 2015

TSCI "N2" Addition

Tecumseh, NE

TIME: 10:00 am

PROJECT #: 14-0043

Name	Company	Phone Number	E-mail Address
1. KELLY LEHR	RADET CONST. CO. INC.	402-254-3345	RADET@HARTZ.NET
2. JAMES WOLZ	MECO-HEWNE CONTRACTORS	402-339-8127	JWOLZ@MECOHEWNE.COM
3. KEITH EBERT	FAB CONSTRUCTORS, INC.	402-592-7430	KEBERT@FABDCONSTRUCTORS.COM
4. Tracy Stake	Dickey Hinds Muir	402-610-7459	tracy.stake@dhm.lincdn.com
5. Jeremy Elder	CSI	402-471-1246	jeremy.elder@nebraska.gov
6. Jerry Pohlmann	DAS / Engineering	402-479-5777	jerry.pohlmann@nebraska.gov
7. TYLER BROWN	WES	402-464-1877	t.brown@willmar-electric.com
8. ADAM KRILEK	Ahern Fire	402-514-4817	akrcilek@ahernfire.com
9. Dan Smack	TSCI MA107	402-335-5158	Dan.Smack@nebraska.gov
10. Erv Opp	BENES H/A	402-783-2046	ervinopp@beneshvac.com ERV@BENESHVAAC.COM
11. Greg Smith	Pavis Design	402-476-9700	marybenes@begeshvac.com Greg.Smith@pavisdeshvac.com
12. Andrew Schellpeper	Vasac Construction	402-525-3017	andrew@vasaconstruction.com

Jack Ballun

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AARON KENNINGS

JEFF COOPER

BRANDON SIRE

Brian Meyers

Haco Electric Co.

Rogge General Cont.

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NIFCO MECHANICAL

DAVIS DESIGN

Davis Design

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