

## ADDENDUM NO. 1

**PROJECT NAME: NCTA WEST DORM ELECTRICAL & FIRE CODE REMODEL**  
**UNL PROJECT NUMBER: CU07P005**

CONSULTANT: Geary Engineering, Inc.  
ADDRESS: 7800 O Street, Suite 100  
Lincoln, NE 68510

DATE OF ISSUANCE: May 2, 2012  
DATE OF BID OPENING: May 8, 2012

The bid documents dated 4-10-12 for the above referenced project are amended by this addendum.

NOTICE: This Addendum is issued to all interested prospective bidders as an amendment to the project manual or other parts of the bidding (contract) documents for the above named project. Reference to this Addendum must be included in the Bid proposal. The information contained herein shall be fully incorporated into the contract documents as though originally included therein.

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### **MODIFICATIONS TO THE PROJECT MANUAL:**

#### **00 41 13 – BID PROPOSAL FORM**

Replace Section 00 41 13 with new Bid Proposal Form attached.

#### **01 23 00 – ALTERNATES** (New Alternates Section is Attached)

1. Add the following Deduct Bid Alternates #4 and #5 to the Schedule of Alternates (new Alternates section is attached):

ALTERNATE NO. 4 DEDUCT: Delete Air Conditioning. The variable refrigerant capacity split system air conditioning is to be deleted under this alternate, to include indoor evaporator units, outdoor condensing units, related controls, refrigerant piping, condensate piping, and related electrical. New heating-only thermostats and low-voltage wiring are to be provided for control of new electronic radiator valves.

ALTERNATE NO. 5 DEDUCT: Delete Make-up Air System. Remove and replace existing exhaust fan only. New exhaust fan shall be Greenheck model SFB-10-AF-10-CCW-UB, 1,750 CFM at 1.0" E.S.P., 1 HP motor, 208V/3Ph. Provide with disconnect switch, rubber mount isolators, inlet and outlet flanges. Equivalent fan by Loren Cook, Penn Ventilators and Carnes. Modify existing ductwork as required for new connections. Delete ERV-1, new ductwork, fire dampers, steam coil and associated piping, gravity intake hood, supply and exhaust grilles, and related electrical.

2. Modify ALTERNATE NO. 1 ADD - The Laundry window will remain as is under base bid and is to be replaced under this alternate only. The new dryer exhaust duct penetrations through the exterior wall are to be taken out of the base bid and added to this alternate only.

### **21 13 13 – FIRE SUPPRESSION SPRINKLERS**

1. Modify Fire Suppression Sprinkler system to be designed and installed in accordance with NFPA 13R – *Standard for the Installation of Sprinkler Systems in Residential Occupancies up to and including Four Stories in Height*.
2. The City does not have fire flow data. The static pressure at the West Dorm building is approximately 45 psi.

### **26 05 33 RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS**

1. Minimum conduit size shall be ½" EMT per Part 3, sub-paragraph 3.1C.
2. Conduit at corridor ceilings may be exposed. Surface raceway ("Wiremold") is required where exposed in dorm rooms and on vertical surfaces in the corridors.

### **28 31 11 – DIGITAL, ADDRESSABLE FIRE-ALARM SYSTEM**

Modify dorm room smoke detector requirements such that the Contractor has the option in dorm rooms for the smoke detector to be on the building system with a horn integral to the detector. One room detector should not put the building into alarm until a second room detector is activated.

### **MODIFICATIONS TO THE DRAWINGS:**

#### **DRAWING NO. – CS1.1 COVER SHEET**

Add the following clarifications to the Project Requirements:

1. Completion Date: The completion date is open, however the University would like to have the work completed by August 15, 2012. Work will need to be completed before the University takes occupancy of the building.
2. Other Work: The asbestos abatement work will be completed by others under separate contract prior to start of construction.
3. Additional Information: The West Dorm building will remain unoccupied throughout the construction period, with the exception of one individual dorm room. Work in the occupied dorm room will need to be coordinated with the tenant.

#### **DRAWING NO. – U1.0 SITE UTILITY PLAN**

There is an existing 6" water main below the building. This water main can be tapped for the fire sprinkler service main. This tap may be closer to the building than shown on Site Utility Plan, as long as the PIV is at least 40 feet from the building.

#### **DRAWING NO. – D1.0 GROUND AND FIRST FLOOR – DEMOLITION PLANS**

1. The RTU being removed (Demo Keyed Note #2) is served by an underground 480 volt circuit from the Women's Dorm. This 480 volt circuit shall be disconnected at the Women's Dorm and abandoned.
2. The existing sub-panel in the Laundry Room on First Floor is to remain with the feeders reconnected to the new main panel at the electrical service. Branch circuits for washers and dryers to remain connected to sub-panel.

**DRAWING NO. – M1.0 GROUND AND FIRST FLOOR – MECHANICAL PLANS**  
**AND**  
**DRAWING NO. – M1.1 SECOND AND ATTIC FLOOR – MECHANICAL PLANS**

1. At each existing radiator, as marked with Mechanical Plan Keyed Note #1, replace existing thermostatic radiator trap with new thermostatic radiator trap, Spirax-Sarco Model TA-125 or equivalent.
2. The control system will need to control the steam radiator valve to prevent heating and cooling at the same time. An interface relay may be required.

**DRAWING NO. – M2.1 SECOND AND ATTIC FLOOR – FIRE SPRINKLER PLANS**

Delete fire sprinkler piping in attic per NFPA 13R, 6.6.6.

**DRAWING NO. – E1.0 GROUND AND FIRST FLOOR – ELECTRICAL PLANS**  
**AND**  
**DRAWING NO. – E1.1 SECOND AND ATTIC FLOOR – ELECTRICAL PLANS**

Modify installation of Type 2 and Type 3 vanity lights in individual rooms. The existing lights at the vanities do not have a back box and therefore the existing conduit cannot be reused. The new Type 2 and 3 lights are to be connected to new circuits via flexible conduit through the cabinet above the vanity and the existing conduit will be abandoned. Rocker switches on lights are to serve as the main switching means. Provide new circuits for vanity lights, maximum 3 lights per 20 amp circuit, feed from 20A/1P breakers in lighting panel on the corresponding floor. Provide additional 20 amp breakers in panels as needed to maintain at least four spare breakers.

**DRAWING NO. – E2.0 ELECTRICAL SCHEDULES AND RISER DIAGRAMS**

1. Lighting Fixture Schedule – Type 2 and Type 3 undercabinet lights, add convenience outlet option.
2. Power Panel Schedule – Panel MD, add 60A/3P breaker for existing Laundry Room Panel.

END OF ADDENDUM NO. 1

**SECTION 00 41 13 - BID PROPOSAL FORM**

**B I D P R O P O S A L**

**TO:** THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA  
c/o University of Nebraska-Lincoln  
Business Services  
Procurement Services Dept.  
1700 Y Street  
Lincoln, NE 68588-0645

**BID PROPOSAL FOR:** General Contractor

**PROJECT:** CU07P005 - NCTA West Dorm Electrical & Fire Code Remodel

**INVITATION NO.:** 909364-12

**COMPLETE THE FOLLOWING INFORMATION – BIDDERS NAME AND TYPE OF BUSINESS:**

This Bid is offered by \_\_\_\_\_, hereinafter referred to as the Bidder,  
 a corporation organized and existing under the laws of the State of \_\_\_\_\_.  
 a partnership doing business as \_\_\_\_\_.  
 an individual doing business as \_\_\_\_\_.

In response to the Bidding Requirements for the construction of the project identified above by name, quotation number, and project number, the Bidder hereby makes the following representations:

Bidder has received the drawings and specifications for the project prepared by **Geary Engineering**.

Bidder has examined the Bidding Documents, visited the site, and otherwise familiarized itself with the local conditions affecting the construction of the project.

**COMPLETE THE FOLLOWING INFORMATION – BASE BID:**

Bidder agrees to furnish all labor, materials, tools, equipment, services, transportation, and supervision required to complete the work indicated in the Bidding Documents within the time set forth herein for the lump sum Base Bid amount of \_\_\_\_\_ dollars(\$\_\_\_\_\_).

**COMPLETE THE FOLLOWING INFORMATION – ALTERNATE PROPOSALS:**

The Base Bid amount given above may be increased or decreased by the acceptance of any of the Alternate Proposals listed below. The full and complete description of the work to be added to or deleted from the scope of the project by each of the Alternate Proposals is that found in Division 01, Section 01 23 00 - Alternates.

ALTERNATE NO. 1: Replace North Windows

ADD the sum of \_\_\_\_\_ dollars (\$\_\_\_\_\_).

ALTERNATE NO. 2: Replace South Windows

ADD the sum of \_\_\_\_\_ dollars (\$\_\_\_\_\_).

ALTERNATE NO. 3: Replace East and West Windows

ADD the sum of \_\_\_\_\_ dollars (\$\_\_\_\_\_).

**SECTION 00 41 13 - BID PROPOSAL FORM**

ALTERNATE NO. 4: Delete Air Conditioning

DEDUCT the sum of \_\_\_\_\_ dollars (\$\_\_\_\_\_).

ALTERNATE NO. 5: Delete Make-up Air System

DEDUCT the sum of \_\_\_\_\_ dollars (\$\_\_\_\_\_).

**PROVIDE THE FOLLOWING INFORMATION – BID SECURITY:**

Included with this Proposal is Bid Security of the type and in the amount required by the Bidding Instructions.

**COMPLETE THE FOLLOWING INFORMATION – NUMBER OF ADDENDA RECEIVED:**

Bidder has received Addenda Nos. \_\_\_\_\_, and has included their provisions in this Bid.

**COMPLETE THE FOLLOWING INFORMATION – #4 CALENDAR DAYS TO COMPLETE THE WORK:**

In submitting this Bid, Bidder agrees to the following:

1. To hold this Bid open for 60 days following the bid date.
2. To enter into and execute the "University of Nebraska Standard Form Construction Agreement" based upon this Bid, if accepted by Owner.
3. To perform all work required by the Contract Documents.
4. To substantially complete the work not later than \_\_\_\_\_ calendar days from the start of construction given in the Notice to Proceed. (Bidder to enter number of days.) Time is of the essence and may be a factor in the award of this Contract.
5. That this Bid has been arrived at without collusion with other Bidders and without any effort or activity which might prevent the University of Nebraska from receiving the lowest possible competitive Bid.
6. To comply with Nebraska Fair Employment Practice Act, understanding that a breach of this provision will be regarded as a material breach of contract.

**COMPLETE THE FOLLOWING INFORMATION – SIGNATURE AND CONTACT INFORMATION:**

Address:

Signature:

\_\_\_\_\_

\_\_\_\_\_

Printed Name:

\_\_\_\_\_

\_\_\_\_\_

Tele. No.:

Title:

\_\_\_\_\_

\_\_\_\_\_

Fax. No.:

Dated this

day of

, 20

\_\_\_\_\_

\_\_\_\_\_

Email Address:

\_\_\_\_\_

## SECTION 01 23 00 - ALTERNATES

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General Conditions and other Division-01 Specifications Sections, apply to this Section.

#### 1.2 SUMMARY

- A. This Section specifies administrative and procedural requirements for Alternates.
- B. Definition: An Alternate is an amount proposed by Bidders and stated on the Bid Form for certain construction activities defined in the Bidding Requirements that may be added to or deducted from Base Bid amount if the Owner decides to accept a corresponding change in either the amount of construction to be completed, or in the products, materials, equipment, systems or installation methods described in Contract Documents.
- C. Coordination: Coordinate related Work and modify or adjust adjacent Work as necessary to ensure that Work affected by each accepted Alternate is complete and fully integrated in the project.
- D. Notification: Immediately following the award of the Contract, prepare and distribute to each party involved, notification of the status of each Alternate. Indicate whether Alternates have been accepted, rejected or deferred for consideration at a later date. Include a complete description of modifications to Alternates.
- E. Schedule: A Schedule of Alternates is included at the end of the Section. Specification Sections referenced in the schedule contain requirements for materials and methods necessary to achieve the work described under each Alternate.
  - 1. Include as part of each Alternate, miscellaneous devices, accessory objects and similar items incidental to or required for a complete installation whether or not mentioned as part of the Alternate.

### PART 2 - PRODUCTS (Not Applicable)

### PART 3 - EXECUTION

#### 3.1 SCHEDULE OF ALTERNATES

ALTERNATE NO. 1 ADD: Replace North windows. Under the Base Bid, the work will include replacing only the middle window in Living Room 114. Under this alternate all the windows on the North side of the building will be replaced as called out on the Architectural plans. See Window Elevations on Sheet A4.0 and refer to Architectural floor plans for window call-outs. Also included in this alternate is installing new dryer exhaust vents through the exterior wall in Laundry 115 as shown on Sheet No. M1.0.

ALTERNATE NO. 2 ADD: Replace South windows. Under the Base Bid, no window replacements on South side. Under this alternate all the windows on the South side of the building will be replaced as called out on the Architectural plans. See Window Elevations on Sheet A4.0 and refer to Architectural floor plans for window call-outs.

ALTERNATE NO. 3 ADD: Replace East and West windows. Under the Base Bid, no window replacements on East and West sides. Under this alternate all the windows on the East and West sides of the building will be replaced as called out on the Architectural plans. See Window Elevations on Sheet A4.0 and refer to Architectural floor plans for window call-outs.

## **SECTION 01 23 00 - ALTERNATES**

ALTERNATE NO. 4 DEDUCT: Delete Air Conditioning. The variable refrigerant capacity split system air conditioning is to be deleted under this alternate, to include indoor evaporator units, outdoor condensing units, related controls, refrigerant piping, condensate piping, and related electrical. New heating-only thermostats and low-voltage wiring are to be provided for control of new electronic radiator valves.

ALTERNATE NO. 5 DEDUCT: Delete Make-up Air System. Remove and replace existing exhaust fan only. New exhaust fan shall be Greenheck model SFB-10-AF-10-CCW-UB, 1,750 CFM at 1.0" E.S.P., 1 HP motor, 208V/3Ph. Provide with disconnect switch, rubber mount isolators, inlet and outlet flanges. Equivalent fan by Loren Cook, Penn Ventilators and Carnes. Modify existing ductwork as required for new connections. Delete ERV-1, new ductwork, fire dampers, steam coil and associated piping, gravity intake hood, supply and exhaust grilles, and related electrical.

**END OF SECTION**