

ADDENDUM 2(AD-2)

Date: May 23, 2014.

Owner: UNMC
Project: Campus Site Utility Improvements
UNMC Quotation Number: 3118-P
UNMC Project Number: P-14037

Architect: HDR Architecture, Inc.

Andrew Yosten

Address: 8404 Indian Hills Drive; Omaha, NE 68114-4098

NOTICE:

This Addendum is issued to known individuals, firms or corporations holding Bidding Documents and Contract Documents for above listed project.

This Addendum is hereby made a portion of Bidding Documents and Contract Documents. Bidders are required to acknowledge receipt of Addendum in appropriate space on Bid Form.

INDEX:

1. Changes to Mechanical Drawings.
2. Changes to Project Manual.
3. Attachments:
 - a. Specification Changes.
 - b. Drawings.

CHANGES TO MECHANICAL DRAWINGS

- A. Sheet M-103: Reissued.
 - 1. Revise piping to show routing and connection point to Cancer Center.

CHANGES TO PROJECT MANUAL

1.1 GENERAL NOTE

- A. If paragraph has been changed by this addendum, entire page has been reprinted. "AD" helps indicate line changed. Contractor is responsible for review of entire page to determine all changes made within paragraph.
- B. The following Sections have changed:
 - 1. Section 01 26 00: Revised.
 - a. Delete reference to 01 21 13 Allowances.
 - 2. Section 01 40 00: Revised.
 - a. Delete reference to 01 21 13 Allowances.
 - 3. Section 01 60 00: Revised.
 - a. Delete reference to 01 21 13 Allowances.
 - 4. Section 20 05 19: Revised.
 - a. Revise acceptable manufacturers of expansion joints.

SECTION 01 26 00 – CONTRACT MODIFICATION PROCEDURES (Revised AD-2)

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, with General Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section specifies administrative and procedural requirements for handling and processing contract modifications.
- B. Related Sections: Following contain requirements relating to this Section:

AD-2: Section 01 26 00; 05/23/2014: Deleted paragraph 1.2, B, 1.

~~1. Section 01 21 13 – Allowances: For handling and processing of allowances.~~

- 2. Section 01 22 00 - Unit Prices: Use of unit prices.
- 3. Section 01 29 00 – Payment Procedures: Procedures for payment.

1.3 MINOR CHANGES IN THE WORK

- A. Architect will issue supplemental instructions authorizing minor changes in the Work, not involving adjustment to Contract Sum or Contract Time.
- B. Form: AIA Form G710, Architect's Supplemental Instructions.

1.4 PROPOSAL REQUESTS

- A. Owner-Initiated Proposal Requests: Architect or Owner will issue detailed description of proposed changes in the Work that may require adjustment to Contract Sum or Contract Time. If necessary, description will include supplemental or revised Drawings and Specifications.
 - 1. Proposal Requests are for information only. Do not consider them as instructions either to stop work in progress or to execute proposed change.
 - 2. Within 5 days after receipt of a proposal request, submit a quotation estimating cost adjustments necessary to execute change. Submit to Owner for review. Include following:
 - a. Itemized breakdown for labor and material identifying both additions and deletions.
 - b. Indicate applicable delivery charges, equipment rental, and amounts of trade discounts.
 - c. Statement indicating effect proposed change in the Work will have on Contract Time.
- B. Contractor-Initiated Proposal Requests: If latent or unforeseen conditions require modifications to the Contract, Contractor may propose changes by submitting a request for a change to Owner. Include following:
 - 1. Statement outlining reasons for change and effect of change on the Work. Provide a complete description of proposed change. Indicate effect that proposed change will have on Contract Sum and Contract Time.
 - 2. Itemized breakdown for labor and material identifying both additions and deletions.

SECTION 01 40 00 - QUALITY REQUIREMENTS (Revised AD-2)

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section specifies administrative and procedural requirements for quality control.
- B. Testing and Inspection services are required to verify compliance with requirements specified or indicated. These services do not relieve Contractor of responsibility for compliance with Contract Document requirements.
 - 1. Specific quality-control requirements for individual construction activities are specified in the Sections that specify those activities. Requirements in those Sections may also cover production of standard products.
 - 2. Specified tests, Inspections, and related actions do not limit Contractor's quality-control procedures that facilitate compliance with Contract Document requirements.
 - 3. Requirements for Contractor to provide quality-control services required by Owner, Architect, or authorities having jurisdiction are not limited by provisions of this Section.
- C. Related Sections: Following contain requirements that relate to this Section:

AD-2: Section 01 40 00; 05/23/2014: Deleted paragraph 2.1, C, 1.

1. ~~Section 01 21 13 - Allowances; for testing and inspecting allowances.~~

- 2. Section 01 73 29 - Cutting and Patching; for repair and restoration of construction disturbed by inspection and testing activities.
- 3. Section 01 32 00 - Construction Progress Documentation; for coordination with other schedules.
- 4. Divisions 2 through 16 Sections for specific test and inspection requirements.

1.3 DEFINITIONS

- A. Quality-Assurance Services: Activities, actions, and procedures performed before and during execution of the Work to guard against defects and deficiencies and ensure that proposed construction complies with requirements.
- B. Quality-Control Services: Test, inspections, procedures, and related actions during and after execution of the Work to evaluate that completed construction complies with requirements. Services do not include contract enforcement activities performed by Architect.
- C. Mock-ups: Full-size, physical example assemblies to illustrate finishes and materials. Mock-ups are used to verify selections made under Sample submittals, to demonstrate aesthetic effects and, where indicated, qualities of materials and execution, and to review construction, coordination, testing, or operation; they are not Samples.
- D. Testing Agency: An entity engaged to perform specific tests, inspections, or both. Testing laboratory shall mean the same as testing agency.

1.4 SUBMITTALS

SECTION 01 60 00 – PRODUCT REQUIREMENTS (Revised AD-2)

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes the following administrative and procedural requirements; selection of products for use in the Project; product delivery, storage, and handling, manufacturers' standard warranties on products; special warranties; product substitutions; and comparable products.
- B. Related Sections include the following:

AD-2: Section 01 60 00; 05/23/2014: Deleted paragraph 1.2, B, 1.

1. ~~Section 01 21 13 – Allowances: for products selected under an allowance.~~

- 2. Section 01 23 00 - Alternates: for products selected under an alternate.
- 3. Section 01 42 00 - References: for applicable industry standards for products specified.
- 4. Section 01 77 00 - Closeout Procedures: for submitting warranties for contract closeout.
- 5. Divisions 2 through 16 Sections for specific requirements for warranties on products and installations specified to be warranted.

1.3 DEFINITIONS

- A. Products: Items purchased for incorporation into the Work, whether purchased for this Project or taken from previously purchased stock. The term "product" includes the terms: "material," "equipment," "system," and terms of similar intent.
 - 1. Named Products: Items identified by manufacturer's product name, including make or model number or other designation, shown or listed in current edition of manufacturer's published product literature, current as of date of Contract Documents.
 - 2. New Products: Items that have not previously been incorporated into another project or facility, except that products consisting of recycled-content materials are allowed, unless stated otherwise. Products salvaged or recycled from other projects are not considered new products.
 - 3. Comparable Product: Product that is demonstrated and approved through submittal process, or where indicated as a product substitution, to have the indicated qualities related to type, function, dimension, in-service performance, physical properties, appearance, and other characteristics that equal or exceed those of specified product.
 - 4. Foreign Products: As distinguished from "domestic products", are items substantially manufactured (50 percent or more of value) outside United States and its possessions. Products produced or supplied by entities substantially owned (more than 50 percent) by persons who are not citizens of, nor living within, United States and its possessions are also considered to be foreign products.
- B. Substitutions: Changes in products, materials, equipment, and methods of construction from

AD-1: Section 20 05 19; 05/19/2014: Reissued Section 20 05 19 in its entirety.

SECTION 20 05 19
PIPING SPECIALTIES (Reissued AD-1, AD-2)

PART 1 - GENERAL

1.1 SUMMARY

- A. Furnish labor, materials, tools, equipment, and services for Piping Specialties, as indicated, in accordance with provisions of Contract Documents.
- B. Systems Included:
 - 1. Expansion joints.
 - ~~2. Pressure gauges.~~
 - 3. System drains.
 - ~~4. Thermometer wells and test gauge connections.~~
 - ~~5. Thermometers.~~
 - ~~6. Wye strainers for steam and hydronic systems.~~
- C. Completely coordinate with work of other trades.

1.2 QUALITY ASSURANCE

- A. Comply with applicable UL, ANSI and ASTM Standards.

1.3 SUBMITTALS

- A. Shop Drawings:
 - 1. Layout of piping showing expansion joints and manufacturer recommended locations for pipe anchor and guide locations.
 - 2. Include axial, lateral, and vertical stresses at anchors as calculated by expansion joint manufacturer. Stresses shall be compliant with ASME B31.1 requirements.
- B. Product Data:
 - 1. Expansion joints.
 - ~~2. Pressure gauges.~~
 - ~~3. Thermometers.~~
 - ~~4. Wye strainers.~~

PART 2 - PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Expansion joints, flexible hose type:
 - 1. Base:
 - a. Metraflex.
 - ~~2. Optional:~~
 - ~~a. Senior Flexonics Pathway.~~
 - ~~b. American Boa Inc.~~
 - ~~c. Hyspan Precision Products, Inc. (Bareo).~~

AD-2: Section 20 05 19; 05/23/2014: Added paragraph 2.1, A, 2, d.

d. Flex Hose.

~~**B. Pressure gauges:**~~

RESEARCH CENTER OF EXCELLENCE

45th STREET

45th STREET

BMH
CE=1117.67'
E(S)=1113.27'
E(N,W)=1093.97'

BMH
CE=1126.05'
E=1114.05'

14" HWS AND HWR

14" HWS AND HWR

14" HWS AND HWR
STACKED ALONG
TUNNEL WALL

REFER TO SHEET MP-10G
FOR TUNNEL PLAN

CONNECTION TO CANCER
CENTER PIPING

REFER TO SHEET MP-LL2B,
MP-LL2C AND FOR
CONTINUATION

CONTRACTOR SHALL COORDINATE SCHEDULING
AND INSTALLATION OF PIPING IN TUNNEL WITH
KIEWIT. KIEWIT WILL BE REMOVING LID OF TUNNEL
IN APPROXIMATELY APRIL 2015.

REFER TO SHEET MP-LL2B,
MP-LL2C AND FOR
CONTINUATION

18" HWS AND HWR INTO
DURHAM RESEARCH
CENTER 2

18" HWS AND HWR
BELOW GRADE

LANDSCAPING NOTES:

1. PROTECT EXISTING IRRIGATION SYSTEM TO REMAIN. MODIFY EXISTING IRRIGATION SYSTEM IMPACTED BY WORK TO MAINTAIN IRRIGATION TO AREAS NOT IMPACTED BY CONSTRUCTION ACTIVITIES. REPLACE AND REPAIR IRRIGATION SYSTEM IMPACTED BY CONSTRUCTION. MATCH EXISTING EQUIPMENT MANUFACTURER AND MODEL(S).
2. CONTRACTOR TO REMOVE AND REPLACE ALL EXISTING SITE IMPROVEMENTS NECESSARY TO COMPLETE REQUIRED UTILITY TRENCHING AND INSTALLATION. ALL IMPROVEMENT TO BE REPLACED WITH EQUAL MATERIALS AND DETAIL.
3. CONTRACTOR TO REMOVE AND REPLACE ALL EXISTING LANDSCAPE IMPROVEMENTS NECESSARY TO COMPLETE REQUIRED UTILITY TRENCHING AND INSTALLATION. ALL IMPROVEMENTS TO BE REPLACED WITH EQUAL MATERIALS, SPECIES AND SIZE.
4. CONTRACTOR SHALL TAKE PHOTOS AND MAKE A MATERIALS LIST OF ALL EXISTING CONDITIONS PRIOR TO STARTING ANY WORK TO ENSURE THAT SITE CAN BE RESTORED TO CURRENT EXISTING CONDITION ONCE ALL WORK IS COMPLETE.
5. ANY WORK WHICH REQUIRES REMOVAL OR RELOCATION OF A TREE(S) SHALL BE REVIEWED WITH UNMC PRIOR TO STARTING ANY WORK. EACH TREE SHALL BE RELOCATED TO A NEW SITE ON CAMPUS AS DETERMINED BY UNMC. PROVIDE A NEW TREE OF EQUAL SIZE AND TYPE. TREE RELOCATION AND PLANTING SHALL BE COORDINATED WITH UNMC AND ARCHITECT TO ENSURE TREES ARE RELOCATED DURING PROPER TIME OF YEAR.

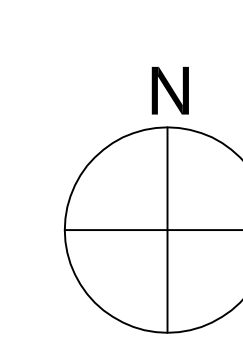
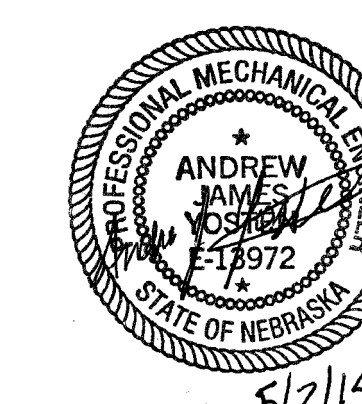
PROJECT FOR
**UNIVERSITY
NEBRASKA
MEDICAL CENTER**
CAMPUS SITE
UTILITY
IMPROVEMENTS

UNMC PROJECT:
P-14037

UNIVERSITY OF
Nebraska
Medical Center

MARK	DATE	DESCRIPTION
	05/23/2014	ADDENDUM NO. 2
	05/19/2014	ADDENDUM NO. 1
	05/02/2014	CONSTRUCTION DOCUMENTS

PROJECT NUMBER	009567 / 217523
ORIGINAL ISSUE	05/02/2014
PROJECT MANAGER	ANDREW YOSTEN
PROJECT DESIGNER	LARRY LOFTUS
PROJECT ARCHITECT	LARRY LOFTUS
LANDSCAPE ARCHITECT	BRAD SWERCZEK
CIVIL ENGINEER	-
STRUCTURAL ENGINEER	MIKE KUHSE
MECHANICAL ENGINEER	ANDREW YOSTEN
ELECTRICAL ENGINEER	TIM KOCH
INTERIOR DESIGNER	-
EQUIPMENT PLANNER	-
DRAWN BY	JAMES NOWAK



PARTIAL
MECHANICAL
SITE PLAN

SCALE 1" = 20'-0"

M-103

CONSTRUCTION DOCUMENTS