

ADDENDUM NO.: TWO

DATE OF ADDENDUM: April 3, 2014

**JOYNER HALL
NORTHWESTERN CONNECTICUT COMMUNITY COLLEGE
WINSTED, CT
BI – CT – 427**

Original Bid Due Date / Time:

1:00 PM

April 9, 2014

Previous Addendums: Addendum 1 dated March 21, 2014

TO: Prospective Bid Proposers:

This Addendum forms part of the "Contract Documents" and modifies or clarifies the original "Contract Documents" for this Project dated November 25, 2013. Prospective Bid Proposers shall acknowledge receipt of the total number the Addenda issued for this Project on the space provided on Section 00 41 00 Bid Proposal Form. Failure to do may subject Bid Proposers to disqualification.

The following clarifications are applicable to drawings and specifications for the project referenced above.

Item 1

The bid date has been changed from April 9, 2014 @ 1:00 PM to April 15, 2014 @ 1:00 PM

Item 2

Question: "Who is supplying and installing the medical equipment on layout plans EQ-100 and EQ-101?" RESPONSE: The equipment and furniture showed on EQ-100 and EQ-101 is part of the Furniture, Fixtures and Equipment package that will be provided and installed by others. See general notes on above-mentioned sheets.

Item 3

Question: "Please define and specify the tack surface depicted in elevations for rooms 132 & 202" RESPONSE: "Tack Surface" as noted on elevations for rooms 132 and 202 (as well as rooms 101 and 102) shall be Linoleum Bulletin Board as specified in Specification Section 101100, paragraph 2.5 Linoleum Bulletin Board.

Item 4

Question: "A pass through medical window is called out under Tristar Vet as a Manufacturer. The model Number that is specified corresponds to a Mobil Lift, is the model you want a cabinet #700-30?" RESPONSE: The specified model number of #700-50 is the correct cabinet. The Manufacturers website search engine will incorrectly show as a mobile lift; the manufacturer has been made aware of this issue. On the Tristar Vet website under cabinets/casework the Medical Window is shown correctly with the correct model number for the pass-thru medical window #700-50.

Item 5

Question: "Dwg A-030. Doors 108C, 114B, call for door Type "B". Should it be Type "A" (Typical aluminum door.) Spec's do not call out any flush aluminum doors. Please verify." RESPONSE: Door 108C and 114B shall be Type "B" galvanized hollow metal painted to match aluminum frame.

Item 6

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Section 042000: Substitution Request for the following Face Brick complying with ASTM C 216 is approved. Note that brick manufacturer shall work with Terra cotta manufacturer to coordinate custom mottled color to have sills match brick; refer to Section 042110 Paragraph 2.1 E Finish 4.b.

1. Redland Brick #835 Golden Bluff Smooth.

Item 7

Question: "Dwg. A-613. Details 4, 5, 6 show an insulated metal panel – can not find specification on panel, also how is panel secured to curtainwall. Details do not indicate. Please verify." RESPONSE: Install aluminum stops and clips as required to secure insulated metal panel in the opening of the curtain wall prior to installing glazing. Insulated metal panel shall match G6 panel; refer to Item 8.

Item 8

In Section 084413, Paragraph 2.3 Components, add the following:

F. Insulated Panels: Noted as glass type G6: Panels with 2 aluminum face sheets of same finish as curtainwall system. Face sheets shall enclose a center core of manufacturer's standard insulation, providing a minimum R-value of 5.5 per inch of thickness. Panels shall be a minimum of 2 inches thick with removable stops on the inside of the curtainwall system.

Item 9

Question: "Regarding Question #4 and #6 in Addendum 01: #4 stats that we are required "...have the samples analyzed as required by the treatment, recycling or disposal facility to supplement existing data" while #6 conflicts it by stating "...adequate soil characterization has been performed to facilitate direct loading and minimize supplemental sampling." We have had the soil data and analytical reviewed by our Environmental Consultant and several disposal facilities and they provided feedback that current soil sampling is not sufficient to direct load and bring the soil anywhere for disposal. If we assume the worst case scenario as suggested at the prebid, the costs in each bid will be extremely high, will likely vary considerably between bidders as there is no consistent basis for estimating the quantities and will also provide no means of the owner to recoup the expense in the bid. In light of the feedback we are receiving and to make the basis of bid fair, can you review the exceptions you have made regarding no Waste Stockpile Area to testing & segregate the soils as well as not providing allowed quantities for each type of disposal along with unit prices for adjustment of quantities?" RESPONSE: Regarding the establishment of a waste stockpile area (WSA), the project plans and specifications do allow use of a WSA onsite. As stated in the plans and specifications the room for a WSA is limited and the contractor shall plan its operations to facilitate prompt removal of excavated regulated soil.

Regarding the restructuring of the bid format to include unit prices for different types of regulated soil, this will not be done. Transportation and disposal costs for regulated soil are to be included in the base bid.

Item 10

Question: "Regarding disposal of onsite materials, there will likely be a considerable amount of soil waste debris in the existing fills that will need to be segregated prior to disposal at the facilities. Similar to the previous RFI, would the owner consider providing and estimated quantity of solid debris for the bidders to include in the base bid with an associated unit price for adjustment based on actual material encountered?" RESPONSE: No. Transportation and disposal costs for regulated soils, which include solid debris, are to be included in the base bid.

Item 11

Question: "Regarding Spec Section 316216 – Piles and section 012033 – Contract Considerations: Due to the high probability of encountering obstructions during driving and the requirement for us to include all costs associated with pre-augering, overexcavation and removal of obstructions to 10 vf. As well as the removing of filling of any voids (with concrete if so directed by the Architect), the unit prices provided in the section 012033 are not reflective of these site conditions and the actual pile installation costs. Our pile subcontractors have already stated they will not honor those units provided. Will you consider allowing the bidders to provide their own Add/Deduct unit prices to better (and more fairly) reflect the actual pile costs on this project?" RESPONSE: Bidders shall comply with Section 3.4A of the two pile specifications, payment for pre-augering/excavation to remove obstructions would be included under 312000.

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Item 12

Question: "Can you please confirm that basis of bid for pile lengths is the "Min. Pile Tip" elevations referred to on GDI's Exploration Location Plan, Figure no. 2, And any add or deduct quantities will be measured from those elevations?"

RESPONSE: Per Section 1.9B of both specifications, "Base bids on the number and spacing of piles indicated on Contract Drawings and on the aggregate length from minimum tip elevations as shown on GeoDesign Drawing No. 2 - Exploration Location Plan - dated 1-14-13 to indicated top elevation of pile shown in the Drawings." Actual lengths will be field determined, and will depend on the Design Team's selection of pile type and results of the Contractor's WEAP analysis.

Item 13

Question: "Regarding Spec Section 316216 – Piles, Part 3.2 B: Fixed leads are referenced for the pile driving rig but swinging leads are not discussed. Are we able to use pile driving equipment with swinging leads as we use fixed leads for the installation of piles." RESPONSE: Swinging leads are not acceptable.

Item 14

Question: "Regarding the new 15" RCP outfall with the Flared End: There is a level spreader and fill required at the new outfall as well as the requirement to remove the existing headwall. Is there any means of access available to the area other than down the very steep existing embankment to allow us to bring in the stone and fill and also install the pipe safely and cost effectively?" RESPONSE: Individual bidder shall consider Means and methods and site access.

Item 15

Question: "Regarding drawing ENV-1: There is a limit line noted as "LIMITS OF REGULATED SOIL COVER" , Is this the limit for which Notes #1-#6 apply (Specifically note #4 which calls for removing a min of 4'-0" and replacing with clean cover material below all vegetated areas)?" RESPONSE: Correct, this is the limit of the requirements in the notes.

Item 16

Question: "Due to the complexity of this project as it relates to the site constraints & staging, construction phases, outstanding environmental issues as well as the critical subcontractors we need to coordinate with, we kindly request a bid extension of 3 weeks to allow due time to provide the most cost effective and responsive bid for the State. We would also request an equivalent extension of time for the RFI deadline to address additional issues and clarifications that may still arise." RESPONSE: Refer to Item 1 of this addendum.

Item 17

Question: "Regarding disposal of debris that may be encountered and as a follow up to our previous RFI#2, (Item 10 of this Addendum) we have been asked to forward a concern from a soil disposal contractor as follows: "Landfills will not accept miscellaneous debris. Waste must meet the disposal facility's physical and chemical acceptance criteria (ie. 6" minus, no debris, no clay, no sediment, no asphalt, no metal or deleterious materials, max 15 % moisture content, etc.) If this site is filled with material from the 1950s, any debris, rocks, stumps, wood, shopping carts, asphalt, concrete, brick or similar material will have to be screened or separated out for the facilities to accept it." Please provide an allowance quantity of solid waste /debris with a unit price (to be defined by the bidders) for an even basis of bidding and an equitable adjustment for both the owner and the contractor." RESPONSE: An allowance will not be provided for solid waste/debris. Transportation and disposal costs for regulated soils, which include solid waste/debris, are to be included in the base bid.

Item 18

In Section 263213, article 2.1, add the following paragraphs:
A.1.e to read as follows:

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e. Generac

Item 19

In Section 237313, article 2.6, replace paragraph D.1 with the following:

1. Provide (2) Outdoor Air Dampers each for AHU-2 and AHU-3. Dampers shall be sized 35%/65% for minimum and maximum operation. Make space provisions and coordinate with ATC Contractor mounting and installation of airflow stations for each damper (min and max) in each unit.

Item 20

In Section 230900, article 2.4, replace paragraph F.1.a.3) with the following:

3) Paragon Controls

Item 21

In Section 230900, article 2.4, replace paragraph F.1.c with the following:

c. Duct and AHU Outdoor Air Measuring Stations

- 1) Thermal type airflow measuring system for AHU-2 and 3, two per unit for minimum and maximum dampers measurement. Coordinate mounting and location with sheet metal contractor and AHU manufacturer
- 2) Each probe array shall consist of one or more multi-point measuring probes and a single microprocessor based transmitter. The transmitter shall be supplied by the same manufacturer as the measuring station or probe array.
- 3) Each multi-point probe shall be assembled using heavy wall anodized aluminum tubing, aluminum mounting plates, aerodynamically optimized molded sensing apertures to ensure accurate measurement in angular airflow conditions, and neoprene mounting gasket.
- 4) The probe array shall be connected to the transmitter using a single cable, of up to 100' in length, included with the transmitter.
- 5) Each stand-alone sensing point shall use an ambient temperature thermistor and an externally heated thermistor to determine the point velocity and temperature. Automatic equal area averaging of the individual point measurements shall be performed in the transmitter.
- 6) Each airflow sensor shall have an operating range of 0 FPM to 5,000 FPM, with a NIST traceable accuracy of $\pm 2\%$ of reading for velocity measurement and 0.1°F for temperature measurement.
- 7) The number of sensors for each rectangular probe array shall be:

Station Area	Sensor Density
1 to < 15 Sq. Ft.	1.50 Sq. Ft. Per Sensor
15 to < 30 Sq. Ft.	1.67 Sq. Ft. Per Sensor
30 to < 60 Sq. Ft.	2.10 Sq. Ft. Per Sensor
60 to 100 Sq. Ft.	3.13 Sq. Ft. Per Sensor

- 8) Individual sensors shall be fully field serviceable without need for field calibration, not requiring that the probe be returned to the Factory for repair and/or calibration.
- 9) Each transmitter shall be capable of averaging as many as thirty-two (32) sensors,
- 10) The transmitter will have a high visibility backlit LCD for display of either the averaged or individual sensor airflow and temperature measurements, in user selectable units of measure. The transmitter shall be factory configured to output duct air volume for plug and play operation.
- 11) All transmitter configuration, scaling, and diagnostic functions shall be performed by means of a password protected, cover mounted membrane keypad.

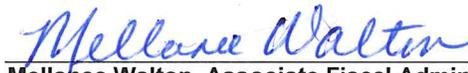
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- 12) The transmitter outputs shall be dual analog (4-20mA, 0-5VDC or 0-10VDC) for airflow and temperature or optional LonWorks® communication interface.
- 13) The operating temperature range of the transmitter shall be from -20° to 140°F. The transmitter shall be located where it will be sheltered from water or weather.
- 14) Input power to each transmitter shall be 24VAC/24VDC.
- 15) When installed per the manufacturer's minimum installation requirements, the transmitter with accompanying station or probe array shall measure with an accuracy of ±2-3% of actual flow.
- 16) Installation locations shall comply with manufacturer's recommended straight lengths of duct upstream and downstream of station.
- 17) Provide open parallel cell air straightener–equalizer honeycomb upstream of station, to meet manufacturer's straight length recommendations. Honeycomb and probes to be mounted in 14 ga. (minimum) galvanized steel, welded casing in 8" depth with 90° connecting flanges in a configuration and size equal to that of the duct it is mounted into.

All questions must be in writing (not phone or e-mail) and must be forwarded to the consulting Architect/Engineer (Northeast Collaborative Architects 860-347-4075) with copies sent to the CT DCS Project Manager (Barbara Cosgrove 860-214-6502) and Construction Manager (Downes Construction Company LLC 860-225-3617)

End of Addendum TWO



Mellanee Walton, Associate Fiscal Administrative Officer
Department of Administrative Services
On Behalf of the Division of Construction Services