Addendum #8 for Request for Proposal
For Campus Health Clinic Relocation: Project 122-293203
Dated January 2, 2018

The Addendum must be acknowledged on your lump sum bid.

NOTE: You must have attended a prebid conference in order to be eligible to bid on a particular project. Receipt of minutes or addenda without being at a prebid conference does not qualify your company to bid.

Please find the following questions and clarifications with regards to the above RFP opportunity.

Question 1: Regarding the Data/IT install at WSU Health. Are there approved vendors we need to carry as subcontractors, if so who? Or are electrical providing rough and raceway only?

Answer: FOLLOW WSU STANDARDS AS POSTED ON THE WEBSITE. Electrical scope of work is to install the boxes, raceways and cabling per WSU standards.

Question 2: Can we get construction verification on the (2) blade signs with the 6" letters. Does the logo also get included?

Answer: SEE SPECIFICATION SECTION 10 14 00-4. YES, THE LOGO IS INCLUDED. THIS SECTION WILL BE REVISED WITH ADDENDUM #8. THE BLADE SIGNS WILL NOT BE ILLUMINATED.

Question 3: Please confirm the following:
   a. The Heat Pump S/R Piping (M3-01) does NOT require insulation (not scheduled on the drawings)
   b. The Supply (and/or Return) Ductwork (M4-01) does NOT require insulation (not scheduled on drawings)

Answer: CORRECT.

Question 4: Looking for clarity on the Exterior Signage. Can we get better definition on the blade signs: actual size, thickness, construction.

Answer: SEE SPECIFICATION SECTION 10 14 00-4. THIS SECTION WILL BE REVISED WITH ADDENDUM #8. THE BLADE SIGNS WILL NOT BE ILLUMINATED.

Question 5: Please confirm that the fourth storefront window also gets the "HEALTH CENTER" signage/WSU logo on the canopy like the other three.

Answer: NO, ONLY 3 CANOPY SIGNS ARE INCLUDED AS INDICATED ON 1/A5-03.

Question 6: Is there a section for the exterior of the building?
Answer: **THIS IS A TENANT BUILD OUT, EXTERIOR WALLS ARE EXISTING AND NOT PART OF THE PROJECT SCOPE.**

Question 7: Will the signage of the project be vinyl printed or painted?
Answer: **SEE SPECIFICATION SECTION 10 14 00 FOR EXTERIOR SIGNAGE. THIS SECTION WILL BE REVISED WITH ADDENDUM #8. THE BLADE SIGNS WILL NOT BE ILLUMINATED.**

Question 8: Please clarify which millwork and miscellaneous accessories are installed by the owner and contractor. A1-01 calls out wall section 14/A4-01 but I do not see this section on A4-01.

Answer: **DRAWING SHEETS A3-01 AND A3-02 CLEARLY CALL OUT OFOI (OWNER FURNISHED, OWNER INSTALLED), CFCI (CONTRACTOR FURNISHED, CONTRACTOR INSTALLED) OR OFCI (OWNER FURNISHED CONTRACTOR INSTALLED) FURNITURE AND EQUIPMENT.**

**DETAIL 14/A4-01 IS IN THE CONSTRUCTION ISSUE DOCUMENTS (IN THE LEFTHAND LOWER CORNER OF THE SHEET). IT IS NOT WALL SECTION, BUT A DETAIL SHOWING THAT THE EXISTING EXPOSED FIREPROOFED STRUCTURAL CROSS BRACING NEEDS TO BE FINISHED WITH GYPSUM BOARD IN THIS AREA BELOW THE FINISHED CEILING.**

Question 9: Please clarify Exterior Signage - Will this project be fulfilled separately or as part of the larger Anthony Wayne Housing project?

Answer: **SEE SPECIFICATION SECTION 10 14 00 AND 1/A5-03 FOR EXTERIOR SIGNAGE WHICH IS PART OF THE PROJECT SCOPE. THIS SECTION WILL BE REVISED WITH ADDENDUM #8. THE BLADE SIGNS WILL NOT BE ILLUMINATED.**

**IMPORTANT- This is an addendum which MUST be acknowledged on your bid form.**

We will require two copies each of your lump sum proposals, vendor qualification questionnaire and your bid bond documents.

All questions concerning this project must be emailed to: Robert Kuhn, Procurement & Strategic Sourcing. Email: ac6243@wayne.edu, and copy Leiann Day, Associate Director of Procurement, at leiann.day@wayne.edu.

Do not contact either FP&M or the Design Firm directly as this may result in disqualification of your proposal.

Thank you for interest shown in working with Wayne State University.

Robert Kuhn
Sr. Buyer

CC: Fran Ahern, Allen Gigliotti (Project Manager), Leiann Day, Associate Director of Procurement, Attendee list.
Addendum Number: #8

Project:   WSU Campus Health Center  
Location :   5235 Anthony Wayne Drive, Detroit, Mi  
Project #:  122-293203 iDesign #1156-9  
Date:     01-26-18

This addendum forms part of and modifies the Construction Bid Documents dated 12-14-2017. The following revisions shall be incorporated and shall take precedence over any conflicting part of the original construction bid documents. Bidder shall acknowledge receipt in the addendum as per the bidding instructions. NOTE: Nothing in this Addendum should affect pricing.

Item 1. Architectural Addendum

Specification Section: 10 14 00 Exterior Signage
Description: Removed illumination requirement for the blade signs.
SECTION 10 14 00

EXTERIOR SIGNAGE

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:
   1. Illuminated Dimensional Characters Sign.
   2. Blade Signs.
   3. Awning Signs.

B. Related Sections include the following:
   1. See Division 16 Sections for electrical service and connections for illuminated characters and for access to remote transformers.

1.2 SUBMITTALS

A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of sign.

B. Shop Drawings: Include plans, elevations, and large-scale sections of typical members and other components. Show mounting methods, grounds, mounting heights, layout, spacing, reinforcement, accessories, and installation details.
   1. Provide message list for each sign, including large-scale details of wording, lettering, and artwork.
   2. Wiring Diagrams: For signs with illuminated characters.

C. Samples for Initial Selection: For each type of sign material indicated that involves color selection.

D. Samples for Verification: For each type of sign, include the following Samples to verify color selected:
   1. Dimensional Characters: Full-size Samples of each type of dimensional character (letter and number) required. Show character style, material, finish, and method of attachment.
   2. Casting: Show representative texture, character style, spacing, finish, and method of attachment.
   3. Approved samples will not be returned for installation into Project.

E. Qualification Data: For Installer.
F. Maintenance Data: For signage cleaning and maintenance requirements to include in maintenance manuals.

1.3 QUALITY ASSURANCE

A. Installer Qualifications: An authorized representative of signage manufacturer for installation and maintenance of units required for this Project.

B. Source Limitations: Obtain exterior signs through one source from a single manufacturer.

C. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.

D. Signage is required to be compliant with the Anthony Wayne Housing Building Standards and subject to review and approval by Wayne State University.

1.4 PROJECT CONDITIONS

A. Field Measurements: Where sizes of signs are determined by dimensions of surfaces on which they are installed, verify dimensions by field measurement before fabrication and indicate measurements on Shop Drawings.

1.5 COORDINATION

A. For signs supported by or anchored to permanent construction, advise installers of anchorage devices about specific requirements for placement of anchorage devices and similar items to be used for attaching signs.

1. For signs supported by or anchored to permanent construction, furnish templates for installation of anchorage devices.

B. Coordinate location of remote transformers with building construction. Ensure that transformers are accessible after completion of Work.
PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Manufacturer: Signs by Crannie. (Note Signs by Crannie is not a Wayne State University approved vendor and will be subject to review and approval by Wayne State University.)

B. Other Approved Manufacturers:
   1. Best Manufacturing.
   2. ASI Sign Systems.

2.2 ILLUMINATED DIMENSIONAL CHARACTERS

A. Description: 1 set 18” halo lit channel letters spelling “CAMPUS HEALTH CENTER”. 3” deep channel letters with aluminum faces and returns and clear lexan backs. White LED lighting with remote mount power supplies with 120 VAC. UL listed.

B. Aluminum Castings: Provide aluminum castings of alloy and temper recommended by sign manufacturer for casting process used and for type of use and finish indicated.

C. Aluminum Extrusions: ASTM B 221 (ASTM B 221M), alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated, and with not less than the strength and durability properties of 6063-T5.

D. Lexon Sheet: Manufacturer's standard and as follows:

E. Channel Characters: Fabricate letters and numbers to required sizes and styles, using metals and thicknesses indicated. Form exposed faces and sides of characters to produce surfaces free from warp and distortion. Include internal bracing for stability and attachment of mounting accessories. Comply with requirements indicated for finish, style, and size.
   1. Aluminum Sheet: Not less than 0.090 inch (2.30 mm) thick.
   2. Character Height: 18 inches high and 3 inches deep.
   3. Character Style: As indicated on architectural drawing and as per Anthony Wayne Student Housing Building Standards.
F. Illuminated Characters: Illuminate characters in manner indicated using manufacturer's standard lighting components for LED lighting, transformers, insulators, and other components. Make provisions for servicing and concealing connections to building electrical system. Coordinate electrical characteristics with those of 120V power supply provided.

1. Backlighted Characters: Provide concealed LED lighting required by size and quantity of characters. Include manufacturer's hardware for projection mounting of characters at distance from wall surface indicated. Provide all fasteners, anchors and components for a complete assembly and installation.

2.3 BLADE SIGNS

A. Description: 30" tall x 48" wide double face blade signs. Constructed of aluminum sheet, angle, and tube. Lexan faces with vinyl decoration. LED lighting. Painted with 1 color. UL listed. Install where indicated.

B. Aluminum Castings: Provide aluminum castings of alloy and temper recommended by sign manufacturer for casting process used and for type of use and finish indicated.

C. Aluminum Extrusions: ASTM B 221 (ASTM B 221M), alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated, and with not less than the strength and durability properties of 6063-T5.

D. Lexon Sheet: Manufacturer's standard and as follows:


2. Applied Vinyl Graphic as per architectural drawings with 6 inch high lettering spelling "CAMPUS HEALTH CENTER" and Health Center Logo.

E. Illuminated Blade Sign: Illuminate characters in manner indicated using manufacturer's standard lighting components for LED lighting, transformers, insulators, and other components. Make provisions for servicing and concealing connections to building electrical system. Coordinate electrical characteristics with those of 120V power supply provided.

1. Internally lighted: Provide concealed LED lighting required by size and quantity of characters. Include manufacturer's hardware for projection mounting of characters at distance from wall surface indicated. Provide all fasteners, anchors and components for a complete assembly and installation.
2.4 AWNING SIGNS

A. Description: Non-illuminated aluminum awning signs. Aluminum tube frame with aluminum sheet covering. 12” tall. Vinyl copy on face. To mount to wall with brackets and mechanical anchors.

B. Aluminum Castings: Provide aluminum castings of alloy and temper recommended by sign manufacturer for casting process used and for type of use and finish indicated.

C. Aluminum Extrusions: ASTM B 221 (ASTM B 221M), alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated, and with not less than the strength and durability properties of 6063-T5.

D. Applied Vinyl Graphic as per architectural drawings with 9 inch high letters spelling “HEALTH CENTER” with Wayne State University Logo in between as indicated on architectural drawings.

2.5 ACCESSORIES

A. Vinyl Film: Provide opaque nonreflective vinyl film, 0.0035-inch (0.089-mm) minimum thickness, with pressure-sensitive adhesive backing suitable for both exterior and interior applications.

B. Mounting Methods: Use concealed fasteners fabricated from materials that are not corrosive to sign material and mounting surface.

C. Anchors and Inserts: Provide nonferrous-metal or hot-dip galvanized anchors and inserts for exterior installations and elsewhere as required for corrosion resistance. Use toothed steel or lead expansion-bolt devices for drilled-in-place anchors. Furnish inserts, as required, to be set into concrete or masonry work.

D. Note Holders: Manufacturer’s standard aluminum paper sheet holders.

2.6 FINISHES, GENERAL

A. Comply with NAAMM’s "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

B. Protect mechanical finishes on exposed surfaces from damage by applying strippable, temporary protective covering before shipping.
C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of range of approved Samples. Noticeable variations in same piece are not acceptable. Variations in appearance of other components are acceptable if they are within range of approved Samples and are assembled or installed to minimize contrast.

2.7 ALUMINUM FINISHES

A. Clear Anodic Finish: Manufacturer's standard clear anodic coating, 0.018 mm or thicker, over a satin mechanical finish.

B. Baked-Enamel Finish: Manufacturer's standard baked enamel complying with paint manufacturer's written instructions for cleaning, conversion coating, and painting.

1. Color: As selected by Architect and Wayne State University to match Health Center and University color standards.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work.

B. Verify that items including anchor inserts, and electrical power provided under other sections of Work are sized and located to accommodate signs.

C. Examine supporting members to ensure that surfaces are at elevations indicated or required to comply with authorities having jurisdiction and are free from dirt and other deleterious matter.

D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. General: Locate signs and accessories where indicated, using mounting methods of types described and in compliance with manufacturer's written instructions.

1. Install signs level, plumb, and at heights indicated, with sign surfaces free from distortion and other defects in appearance.

2. Interior Wall Signs: Install signs on walls adjacent to latch side of door where applicable. Where not indicated or possible, such as double doors, install signs
on nearest adjacent walls. Locate to allow approach within 3 inches (75 mm) of sign without encountering protruding objects or standing within swing of door.

B. Bracket-Mounted Units: Provide manufacturer’s standard brackets, fittings, and hardware as appropriate for mounting signs that project at right angles from walls and ceilings. Attach brackets and fittings securely to walls and ceilings with concealed fasteners and anchoring devices to comply with manufacturer’s written instructions.

C. Dimensional Characters: Mount characters using standard fastening methods recommended in writing by manufacturer for character form, type of mounting, wall construction, and condition of exposure indicated. Provide heavy paper template to establish character spacing and to locate holes for fasteners.

1. Projected Mounting: Mount characters at projection distance from wall surface indicated.

2. Concealed Mounting: Mount plaques by inserting threaded studs into tapped lugs on back of plaque. Set in predrilled holes filled with quick-setting cement.

3. Face Mounting: Mount plaques using exposed fasteners with rosettes attached through face of plaque into wall surface.

4. Run wires into wall construction through conduit.

5. Exposed-to-view wiring or conduit on wall face is not permitted.

6. Engage a licensed electrician to connect wiring to power source.

3.3 CLEANING AND PROTECTION

A. After installation, clean soiled sign surfaces according to manufacturer’s written instructions. Protect signs from damage until acceptance by Owner.

END OF SECTION