

# UMBC

**AN HONORS UNIVERSITY IN MARYLAND**

DATE: March 5, 2019

TO: All Prospective Proposers

FROM: Terry Cook  
Senior Associate Vice President for Administrative Services

RE: UMBC Campus Utilities Upgrade Project  
A/E Solicitation #BC-21129-C  
ADDENDUM #5 dated 3/6/19

The following amends the above referenced solicitation documents with responses to Proposers' questions. Receipt of this addendum must be acknowledged by completing the enclosed "Acknowledgement of Receipt of Addenda" Form and submitting it along with the Initial Technical Proposal you submit to the University.

1. **Question:** What is the typical size of on-site domestic water distribution piping, the material and age?

**Response:** The Utility Program describes the scope of work as cleaning and lining all (water system) pipes installed before 1971 (nominally 10,250 LF of piping). The campus first opened in 1966. The water system pipe in this scope of work was installed between 1965(+/-) and 1971. The main water service originating at the water meter is 12-inch diameter. Water distribution piping ranges from 12-inches to 6-inches in diameter. Pipe material is cast iron or ductile iron.

2. **Question:** Are the water service connections to the University buildings to be replaced or rehabilitated as part of this project?

**Response:** The Utility Program describes the scope of work as cleaning and lining all (water system) pipes installed before 1971. Water mains to buildings installed before 1971 fall under the definition of the scope of work. Addendum No. 1 added two additional paragraphs for the scope of work to *Refurbish Domestic Water System*. Addendum No. 1 stated, in part, that the Design Professional shall apply best practices for domestic water system rehabilitation. With rehabilitation of existing utility systems, there may be a point of diminishing returns for certain elements of work where the cost of rehabilitation is more than the benefit received. The Design Professional is expected to apply best practices with regards to performance of the work described and recommend the starting and stopping points for system rehabilitation.

3. **Question:** Is the water distribution main from the Baltimore County DPW meter vault in Wilkens Avenue to the campus to be replaced? This meter vault is located near Hilltop Road.

**Response:** The Utility Program describes the scope of work as cleaning and lining all (water system) pipes installed before 1971. The water distribution main originating at the water meter vault near Wilkins Avenue and Hilltop Road was installed before 1971 and is part of the domestic water distribution system to be refurbished.

4. **Question:** Does a current hazmat report(s) exist for UMBC campus utility tunnels, utility vaults, and other interior spaces where work is anticipated?

**Response:** Information on known hazardous material will be shared with the successful firm during fee negotiations.

5. **Question:** In reference to RFP Section 4- Scope of Work, Part A (Page 4-1): Both the RFP SOW and May 2018 Utility Upgrades Report indicate a complete load analysis of emergency generators be performed and recommendations made for campus emergency system upgrades. Table 2.1 lists all campus generators. Can UMBC specify what generators should be upgraded as part of the scope? Or is extent of upgrades based on priority and project budget constraints?

**Response:** The extent of emergency generator upgrades will be based on priority and project budget constraints.

6. **Question:** Is there more detail or specifics related to the landscape architecture design elements required for the project? Do any conceptual designs exist from prior planning efforts that can be shared?

**Response:** The landscape architecture design elements required for the project will be related to the civil engineering work. There are no specifics available from any previous planning efforts; however, the Project Program provides information and images on pages 65-66. Further details or specifics will be discussed with the successful A/E firm as part of the fee negotiations.

And, the University does not have any conceptual designs from prior planning efforts.

7. **Question:** Page 5-2 of the RFP, Section D. Due Date and Time, 1. Initial Technical Proposal, requests two (2) sets of the initial technical proposal, one in Microsoft Word format and one in PDF format. Please confirm that the "Microsoft Word" set is to include Microsoft Word versions of the files which were developed through the use of Microsoft Word only and the remaining documents of the Microsoft Word set can be submitted in PDF format.

**Response:** The Microsoft Word set *only* needs to include those documents in the Initial Technical Proposal that were created in word processing format.

8. **Question:** Can the Principal-in-Charge also serve as the Project Mechanical Engineer?

**Response:** Yes, as long as the person meets the definition/qualifications for the Project Mechanical Design Engineer as provided in the solicitation document on page 5-6 (excerpt is provided below for convenience) and can devote the time necessary to “prepare the mechanical design of the project.”

- *Project Mechanical Design Engineer:* Licensed, professional mechanical engineer who prepares the mechanical design of the project. HTHW systems are distinctly different from other district or area heating systems. Design errors or oversights due to lack of experience or practical knowledge with HTHW systems create an unacceptable risk to personnel and property. Engineer-of-record for HTHW systems shall have satisfactory experience with this specialized form of heating. Design professionals for HTHW systems shall have documented, successful experience in HTHW utilities, with associated understanding of applicable codes, system maintenance, and safety requirements.

END OF ADDENDUM #5 DATED 3/6/19

**A/E SOLICITATION NO.:** BC-21129-C

**INITIAL TECHNICAL PROPOSALS**

**DUE DATE:** Tuesday, 3/12/19, on or before 11:59 pm to the following box site: [Technic.9cqdsnwunfb1dt3x@u.box.com](mailto:Technic.9cqdsnwunfb1dt3x@u.box.com)

**A/E SOLICITATION FOR:** UMBC CAMPUS UTILITIES UPGRADE PROJECT

**NAME OF PROPOSER:** \_\_\_\_\_

**ACKNOWLEDGEMENT OF RECEIPT OF ADDENDA**

The undersigned, hereby acknowledges the receipt of the following addenda:

Addendum No. 1	dated 02/18/19
Addendum No. 2	dated 02/19/19
Addendum No. 3	dated 02/26/19
Addendum No. 4	dated 03/05/19
Addendum No. 5	dated 03/06/19

As stated in this Addendum, this form is to be returned within your Initial Technical Proposal.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

END OF FORM