

May 7, 2018

TO: All Interested Vendors

FROM: Putu Sayeh

RE: Response to Questions for Solicitation IFB #17-381 PS

This list of Questions and Responses #1, dated May 7, 2018, is being issued to clarify certain information contained in the above named solicitation. The statements and interpretations of contract requirements, which are stated in the following questions of potential bidders/offerors, are not binding to UMB, unless UMB expressly amends the solicitation.

- 1) **Question:** Each Key Personnel form, #7 Indicates UMB requests three (3) project references, preferably from the three (3) projects being submitted with the proposal (but still three total, regardless if from the three projects submitted). #9 indicates that UMB would like another minimum of three (3) projects/references of similar/contract for each key person. This would total six (6) project references for each team member. This could add up to approximately 50+ references for the team and subconsultants. Please confirm if this is correct.

Answer: There is no language in the Key Personnel Form requiring “another minimum of three (3) projects.” Both questions have specific stipulations; question #7 of the Form asks for Project Owner references and question #9 asks for Project/Contract experience. The same three (3) projects can be used to answer both questions. Please refer to Section 00300 D. for details.

- 2) **Question:** At the pre-proposal meeting there was no specific discussion about MBE requirements. The MBE Utilization and Fair Solicitation Affidavit / MBE Participation Schedule form indicates that UMB has a requirement of a 7% subgoal for African American MBE Participation and a 4% subgoal for Asian American MBE Participation. Can you please confirm these specific subgoal percentages are correct and that the total MBE goal is 30%?

Answer: Yes, the MBE participation goal is 30%. See Addendum #2.

- 3) **Question:** Project Information - In the meeting you mentioned some part of electricity generated in house. How much is the in-house generation? What is the emergency power plan? BGE or In-house? Who are the suppliers? BGE only?

Answer: 100% of electric supply is from BGE and the only in-house generation is for standby emergency power only.

- 4.) **Question:** Project Information - Steam is 100% purchased from Viola Energy? With no condensate return? In case it is condensate is not returned, are they being used for any reheat or dumped in drain?

Answer: 100% of steam is from Veolia with no condensate return.

- 5.) **Question:** Project Information - Total consumption of electricity by UMB is mentioned as 134,500 MWh, does it include solar and wind? Who is supplying wind and solar power? Is this to be bought even if you have cogeneration facility inhouse?

Answer: A portion of generation is from renewables via PPAs with multiple suppliers. Yes, the PPAs would remain with a cogeneration facility.

- 6.) **Question:** Project Information - We assume that rates for the utilities supplied by others are available and yearly/monthly consumption data of utilities are made available.

Answer: Yes, we have a well-documented history of all utility costs. We also have pdf copies of utility bills for at least the past 8 years. Copies of utility bills will be provided to the successful bidder after the notice to proceed.

- 7.) **Question:** Project Information - With the available facts that Absorption type chillers are quite an inefficient way of generation of chilled water unless otherwise some waste steam is available from process plant like petrochemical plant and refineries, do you think we will evaluate only the potential of cogeneration of steam and electricity, leaving alone the in house chilled water and cooling water production as it is? No trigeneration option will be explored?

Answer: See section 00400 Objectives #2 – Identify potential long-term costs/benefits of on-site co-generation or trigeneration.

- 8.) **Question:** Project Information - Of course Chiller water/cooling water production equipment can be evaluated for its performance and recent development in the technology. How old are these in-house plants?

Answer: The chiller plants are from 5 – 20 years old and are well-maintained.

- 9.) **Question:** Objectives - Item 3. Do you have as built drawings of Steam distribution network?

Answer: UMB does not possess underground profiles of all distribution piping.

- 10.) **Question:** Objectives - Item 4- Contract is going to expire for steam in 2019. Since the future options will not be ready by 2019, only option is to renew contract? Or is there any other suppliers?

Answer: Reviewing the steam contract will be a priority upon project kickoff. There are no other steam distribution suppliers.

- 11.) **Question:** Objectives - Item 5- Whole project is to find alternative to using outside purchases for steam/electricity and chilled water and you have chilled water production facility in house. Is this still to be explored?

Answer: See Addendum #2.

- 12.) **Question:** Objectives - Item 6 –You already have hybrid.

Answer: It depends upon the utility. Item 6 will be considered for any infrastructure change that passes to the feasibility study stage.

- 13.) **Question:** Consultant Tasks - Item 7- Do you need this to be done? Refer to point # 9 above.

Answer: See response to Question 11.

- 14.) **Question:** Consultant Services - Item 2- How this item can be quoted unless otherwise consultant what he is designing? Design will be based on final approved Engineering Report and that can happen only when the bid is awarded for that service. At this stage consultant may not know what to be designing? It is not impossible to quote but can't be assured to be confirmed cost.

Answer: Item 2 is only noting the University is executing the recommendations from a previous electrical masterplan/study and the successful bidder will only need to be aware of those recommendations.

- 15.) **Question:** Consultant Services - Item 3 follows Point 12 above- again quoting price for this service is difficult.

Answer: Item 3 is requiring a comparison of the campus demand with available service capacity, forecasting future demand after reviewing the campus masterplan and working with the University to assess options for serving future demand growth. The design effort required will be to identify the major initial costs and operating expenses that will impact each options' long-term value.

- 16.) **Question:** Will exceptions to the standard Consultant Agreement be allowed and affect the technical evaluation scoring? If so, please clarify Section Z of the RFP.

Answer: Any exceptions to the Consulting Agreement should be addressed in the form of a Question to UMB prior to the Q&A deadline. If there is a change in the Terms and Conditions, it will be issued in an Addendum to the bid documents.

17.) Question: How should work beyond the defined scope in Section 000400 be priced in the cost proposal? Should it be priced as a fixed cost for scope of work or as supplemental T&M cost?

Answer: There is no work being solicited beyond Section 00400 – Scope of Work.

18.) Question: Will the consultants who bid on this scope of work be able to bid on future UMB projects that are an ultimately result of this study?

Answer: Yes, the awardee of this contract will be able to bid on future work associated with this solicitation.

19.) Question: Is it UMB's expectation to receive a fully functional financial model of the alternative energy utility configurations as a deliverable, inclusive of all formulas, under Section D.4.

Answer: The University is not requiring copies of all financial models used. Section D.4 is requiring the consultant to have the expertise to perform financial analyses using actual energy market data.

20.) Question: Will you circulate the pre-bid conference attendee list?

Answer: Please go to the eBid board website at the link below:
<http://www.umaryland.edu/procurement/ebid-board/>

21.) Question: Will working on this project preclude A&E from working on future work associated with the project with UMB or Developer?

Answer: No, the successful awardee will not be precluded from future work.

22.) Question: Who performed the 2014 CHP Study? And are they permitted to compete / participate?

Answer: Affiliated Engineers Incorporated (AEI) performed the 2014 CHP Study. Yes, they will be allowed to participate. A copy of the 2014 CHP Study will be available upon request to bidders.

23.) Question: Who performed the 2016 Electrical Masterplan? And are they permitted to compete / participate?

Answer: RMF Engineering performed the 2016 Electrical Masterplan. Yes, they will be allowed to participate. A copy of the 2016 Electrical Masterplan will be available upon request to bidders.

24.) Question: In Section 7.0 of UMB PROCUREMENT TERMS AND CONDITIONS, reference is made to Contract exceeding 100,000. Schedule 1 for contracts less than

\$100,000 was provided in solicitation; however, it appears Schedule 2 for contracts greater than \$100,000 was not included in solicitation. Should Schedule 2 have been included? Or is UMBC anticipating a Contract less than \$100,000?

Answer: See Addendum #1.

25.) **Question:** How does the Solicitation T&Cs align with the Consulting Agreement also included?

Answer: See Addendum #1.