

Date: September 9, 2011

**THE COMMONWEALTH OF MASSACHUSETTS  
UNIVERSITY OF MASSACHUSETTS AMHERST  
PHYSICAL PLANT BUILDING  
PHYSICAL PLANT DIVISION  
360 CAMPUS CENTER WAY  
AMHERST, MASSACHUSETTS 01003-9248**

**ADDENDUM # 2**

**Re: Project: UMAPP12-031  
W.O. #: 11-027065-000  
Account: 105087  
Title: Hadley Farm – Design & Install Photovoltaic Array**

The attention of bidders submitting proposals for the above subject project is called to the following addendum to the specifications and drawings. The items set forth herein, whether of omission, addition, substitution, or clarification are all to be included in and form a part of the proposals submitted.

**ACKNOWLEDGEMENT OF RECEIPT OF THIS ADDENDUM (2) MUST BE REFERENCED IN YOUR BID SUBMITTAL ON SECTION 2.6 OF THE INVITATION TO BID AND BID FORM COVER SHEET.**

Item #1: Reference the advertisement in the Springfield Republican on August 17, 2011: Change the Bid Opening Date from September 13, 2011 to September 27, 2011. Time to remain the same, 2:00 PM.

Item #2: Reference the advertisement in the Central Register, published on August 17, 2011: Change the General Bid Deadline from September 13, 2011 to September 27, 2011. Time to remain the same, 2:00 PM.

Item #3: Questions:

The following vendor questions were received prior to the September 7, 2011, 2:00 PM deadline specified in the RFB Addendum #1. The University has added its responses after each question. Vendors must incorporate this information into their bid response. Failure to incorporate this information may be grounds for rejection of a vendor's bid at the sole discretion of the University.

Q1. Can you provide a list of attendees and contacts at the Bidders conference from today?

A1. The list is attached to Addendum #1.

Q2. Does the University have any existing installations of PV at any of the school locations? If so from what vendor or vendors?

A2. South Deerfield site was built in cooperation with Diversified Construction (Hyperion) and Pioneer Valley Photo Voltaics.

Q3. Do all components need to be made in the USA?

A3. No, but USA manufactured components are preferred.

Q4. Are specific solar modules of interest of the University? Can these be named by the University for thin film and standard PV?

A4. A4. As an example of thin film, GE's cadmium-telluride crystal photovoltaic cell. The thin film or other newer technology panels are for comparison purposes only and need not be the major part of the panel arrays.

Q5. What is the annual electric consumption of the Amherst campus?

A5. The Hadley Horse Farm isn't connected electrically to the Amherst campus; it is on a stand-alone WMECO feed. The Amherst campus electrical consumption for July 2010 through June 2011 was:

Purchased – 35,419,023 kWh

Generated – 92,400,940 kWh

Total – 127,829,963 kWh

Q6. Is a bid bond required with this proposal? If so, how is the amount to be determined and when will the bid bond be returned?

A6. From Bid Documents, General Conditions, Page GC-9:

### **3.0-18 BID DEPOSIT / BID SECURITY**

- A. Each Bidder shall submit, with the bid, a Bid Deposit of five percent (5%) of the Bid Price or the **TOTAL BID PRICE** as entered in the **BID RESPONSE SECTION**, and the **INVITATION TO BID AND BID FORM** of this document. The Bonding shall be commensurate to the capital cost of construction, which each contractor shall supply with their bid reply.
- B. The Bid Deposit shall be in the form of a bid bond, a treasurer's, cashier's or certified check, payable to the Commonwealth of Massachusetts. Said Bid Deposit will be refunded upon award of the contract.

Since this bid is cost neutral to the University each bidder must supply a bid bond in the amount that they estimate the project will cost them (the bidder) if they receive an award under this RFP.

Q7. During the bidder's conference last week reference was made to requirement of prevailing wage during the proposed "Taylor Field-Design...UMAPP12-031" project. Is it possible that prevailing wage conditions will not apply due to control of a) the project, and b) the ensuing PV facility by a third party company? Thank you for your attention to this question.

A7. This is a MGL c30 project and all terms & conditions, including applicable Prevailing Wage Rates apply.

Q8. Can the due date be extended by at least 2 weeks, to September 23 at the earliest, though additional time would be quite helpful. We understand that the University is eager to press forward with this process, and we believe that, if properly researched and planned, this project can be successfully completed by your stated target of 12/31/2012. However, we feel that moving back the deadline for responses will increase the overall quality of proposals you receive, and ensure that the successful bidder has a workable plan for achieving operation of this system in the timeline you specify.

A8. See Addendum #1.

Q9. Can the deadline for questions be extended by an equivalent number of weeks to match any extension in the bid deadline.

A9. See Addendum #1.

Q10. Can an additional site visit be offered sometime next week (Sept. 5-9), allowing us time to organize appropriate environmental permitting specialist staff members and acquaint them with the current details of the project.

A10. Yes, 11am Thursday Sept 15. No appointment is necessary. Stephen Herbert will be at the Hadley Farm site at the designated date & time.

Q11. Is it safe to assume that University is willing and has the ability to purchase all the power generated from all three proposed fields?

A11. The University desires to utilize the Local Utility Company's (WMECO's) Net Metering Program for Photo-Voltaic electric power generated from this project. If this Net Metering Program is utilized properly on this project then the University has the ability to purchase all the power generated from all three proposed fields.

Q12. Has the university reached out to the utility to ascertain interconnection feasibility and the max array size based on the current electrical infrastructure?

A12. Obtaining the Interconnection Service Agreement (ISA) from WMECO is ultimately the successful bidder's sole responsibility for this project. The University has discussed this matter briefly with WMECO and the following is their written response concerning this project:

"There is three phase 13.8 KV primary on North Maple Street. You will need to submit an interconnection application for the proposed PV system. An Impact Study will be required to determine any distribution system upgrades required to interconnect the PV. Prior to doing a study, we don't know how much generation could be interconnected at this location. Please keep in mind that if the PV will be 1 MW or larger, ISO notification will be required."

Q13. What are the DCAM Certification requirements for this project and when must the certification be presented?

A13. This is a Chapter 30 contract, and under its guidelines, DCAM Certification is not required.

Q14. What is the per kWh rate that the University is currently paying for their electrical usage?

A14. The current rate per kWh that the University is paying for electrical usage on the main campus is:

Purchased Power - \$0.14 per kWh  
Generated Power - \$0.045 per kWh  
Blended Power - \$0.075 per kWh

Q15. Are the street addresses for the Hadley Farm, as listed in the Addendum to the RFP ("Addendum #1") correct?

A15. The correct address is: The University of Massachusetts, Hadley Farm, 111 North Maple Street, Hadley, MA 01035

Q16. What is the current electric rate being paid by the University?

A16. Please see answer for Question #14 above.

JOHN O. MARTIN  
Director of Procurement & Campus Services

**END OF ADDENDUM #2**