DATE: February 16, 2015

TO: All Prospective Bidders  
Cc: Procurement File

FROM: Mallela Ralliford

RE: UMBC Long Range Facilities Planning Consultant Contract, Bid # BC-20952-R, ADDENDUM # 2

The following amends the above referenced Bid documents. Receipt of this addendum must be acknowledged by completing the enclosed "Acknowledgement of Receipt of Addenda" form and submitting it along with the Technical Proposal you return to the University.

The due date and time for the Technical Proposal to be submitted to the University remains as TUESDAY, FEBRUARY 24, 2015 by 2:00 p.m., to the issuing office.

A. The following questions have been submitted for a response:

1. QUESTION: Do all team members need to fill out Company Profile or just Prime?
   ANSWER: All team members should fill out the Company Profile.

2. QUESTION: Is there a limit to number of projects submitted under Firm Experience (section 2.1 of Section 00300 Article 2)?
   ANSWER: Limit the number of projects to three per consultant (Prime or subs).

3. QUESTION: Do all three projects/contracts on the contractor experience form (section 2.4 of Section 00300 Article 2) need to be for the prime or can they also represent work completed by subs?
   ANSWER: Submit up to three relevant projects per consultant (Prime or subs).
4. **QUESTION:** What is the expectation for hydrologic modeling of the campus (model sophistication, specific model use, proprietary vs non-proprietary, no modeling at all)?

**ANSWER:**
The Institutional Management Plan (IMP) is a long-term master plan to address stormwater management on a watershed basis for existing and future development at UMBC. The IMP shall catalog the existing stormwater management features of the campus and outline the concept plan and course for future stormwater management. Future stormwater management is defined to include the following:

(1) Environmental Site Design (ESD) to the maximum extent practicable (MEP) in connection with construction of new facilities shown on *Development Scenario for Stormwater Institutional Management Plan* (provided in the university BOX site)

(2) Restoration of 20-percent of impervious area on campus that have no existing stormwater management controls.

Note that the stormwater management concept plan for the Event Center Building has been approved and shall be included in the IMP for reference.

One of the objectives of the IMP is to improve the ability of the natural hydrologic cycle of the campus to deal more appropriately with stormwater runoff. Low impact development, environmental site design, rainwater storage and reuse, incorporation of stormwater management features into landscape design, and other related measures shall be evaluated.

The organization and content of the IMP shall be as described below. Comply with General Performance Standards for Stormwater Management in Maryland found in Section 1.2 of the SWM Design Manual;

A. Introduction to explain the purpose, function, and limits of the IMP, including proposed time limits for implementation;

B. Identification of predominant soil types and locations;

C. Identification of receiving stream channels and existing flooding areas (if applicable);

D. Detailed hydrologic and hydraulic analyses on a drainage area or sub-watershed basis to determine pre-development and post-development hydrograph timing;

E. Cumulative impact assessment of current and future development as it relates to impervious area, Impervious Area Requiring Treatment (IART), Rainfall Target ($P_E$), Environmental Site Design Volume (ESDv), Water Quality Volume (WQv),...
Recharge Volume (Rev), Chanel Protection Storage Volume (Cpv), Overbank Flood Protection (Qp, Qp_{10}), or other relevant criteria;

F. Evaluation of both quantity and quality management and opportunities for ESD implementation for the entire area covered under the IMP;

G. Identification of proposed protection and restoration areas;

H. Locations where on-site quantitative and qualitative stormwater management practices and watershed improvements are or will be implemented;

I. Engineering computations to support assessments and evaluations;

J. Detailed site map indicating the location, type, and size of all existing and future stormwater management practices as well as the delineated drainage area to each practice at a minimum scale of 1inch=50 feet;

K. Tracking and accounting system for tracking water quality treatment and quantity management especially as it pertains to compensatory stormwater management;

L. Signature of Applicant;

M. Signature and seal of the professional engineer who prepared the plan.

N. Signature and approval of MDE.

5. QUESTION: Is there an established budget to share?

ANSWER: Budget information will not be shared at this time.

6. QUESTION: In section 2.4, there is a reference to relationships among proposed team members; does this refer to firms or individuals?

ANSWER: Identifying the past work experience and relationships between team members (both personnel and firms) is requested.

Enclosures: Acknowledgement of Receipt of Addenda Form

END OF ADDENDUM #2, DATED 2/16/15
This addendum was posted on eMaryland, UMBC eBid Board & e-mailed to the Bidders on 2/16/15)
(Original with enclosures were not mailed)
BID NO.: BC-20952-R

BID DUE DATE: TUESDAY, FEBRUARY 24, 2015 AT 2:00 P.M.

BID FOR: UMBC LONG RANGE FACILITIES PLANNING CONSULTANT CONTRACT

NAME OF BIDDER: ________________________________

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDA

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

Addendum No. 1    dated 02/05/15
Addendum No. 2    dated 02/16/15
Addendum No. _____ dated ______
Addendum No. _____ dated ______
Addendum No. _____ dated ______

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

________________________________________
Signature

________________________________________
Printed Name

________________________________________
Title

________________________________________
Date

END OF FORM