



**ADDENDUM # 1**

RE: Humboldt State University Behavioral & Social Sciences Building

DATE: February 17, 2011

FROM: Humboldt State University  
Arcata, CA 95521-8299

TO: ALL Prospective Proposers

Humboldt State University Facilities Management is conducting a study on the feasibility of incorporating as-built BIM plans into a new facilities management software. Please provide an **Add Alternate** cost to provide a Level of Development 400, as defined below, as-built BIM files upon completion of the project. Your proposal should include a discussion of the value added to Humboldt State University during both construction and facilities management. At a minimum the model shall provide the following items:

(A) Architectural

- 1) Walls and curtain walls shall be depicted to the exact height, length, width and thickness to properly reflect wall types. The model shall include all walls both interior and exterior and the necessary intelligence to produce accurate plans, sections and elevations depicting these design elements.
- 2) Exterior doors, windows and louvers shall be depicted to represent their actual size, type and location.
- 3) Roof, including configuration, drainage and major penetrations.
- 4) Floors shall be developed in the structural model and then referenced by the architectural model for each floor.
- 5) Ceilings shall be modeled to include soffits, ceiling materials or other special conditions.
- 6) Vertical circulation shall be accurately depicted (i.e. stairs, handrails and guardrails).

(B) Structural

- 1) Foundations and footing elements shall be modeled to reflect size and location.
- 2) Floor slabs shall be depicted with all necessary recesses, curbs, pads, closure pours and major penetrations.
- 3) Structural Steel columns, primary and secondary framing members shall be modeled including member size tags.
- 4) Cast-in-Place concrete walls, columns and beams shall be modeled accurately including major penetrations and block-outs.
- 5) Shafts and pits shall be included at all locations.



(C) Mechanical

- 1) HVAC will include all specific items required to produce LOD 400. Coordination with campus facilities management to insure proper formatting of HVAC systems to match facility software is required.
- 2) Plumbing will include all specific items required to produce LOD 400. Coordination with campus facilities management to insure proper formatting of Plumbing systems to match facility software is required.
- 3) Equipment clearances shall be modeled to ensure all equipment is serviceable as designed.

(D) Electrical/Telecommunications

- 1) Electrical power and lighting shall be modeled to show lighting receptacles, special and general purpose power receptacles, lighting fixtures, panel boards, control system and equipment clearances. Cable tray routing may be modeled without detail of cable components.
- 2) Communications service controls and connections (existing and new, both above and below ground) shall be modeled to as-built conditions and shall show size, location and elevation of components.
- 3) Exterior building lighting shall be modeled to show fixture location, type and size. Coordination with campus facilities management to insure proper formatting of lighting systems to match facility software is required.

(E) Fire Protection

- 1) Fire protection system shall be modeled to include at a minimum all relevant piping, sprinkler heads, fittings, drains, pumps, tanks, sensors and control panels.
- 2) Fire alarms/mass notification devices and detection system shall be indicated to show location and elevation.

(F) Civil

- 1) Terrain shall be modeled to show final as built conditions.
- 2) Storm water and sanitary sewers shall be modeled to the connection with the existing storm water and sanitary sewer system. This shall include connections to the building, on site connection from other buildings and both new and existing storm water and sanitary sewers on site.
- 3) Utilities shall be modeled from the point of connection to the existing utilities.



**ACKNOWLEDGEMENT OF ADDENDUM # 1**

RE: Humboldt State University Behavioral & Social Sciences Building

Date: February 17, 2011

FROM: Humboldt State University  
Arcata, CA 95521

TO: ALL Prospective Proposers

This Addendum forms a part of the Contract Documents and modifies the Behavioral & Social Sciences Building RFP dated, February 17, 2011 as noted below.

Acknowledgement and receipt of this Addendum is required in the space provide. Failure to do so may result in the Proposal being deemed non-responsive. Return this form completed acknowledging the Addendum no later than 10:00 pm on Thursday, February 17, 2011.

Attention: Toni Lands, Project Manager  
Humboldt State University

Signed: \_\_\_\_\_  
Contractor Representative

\_\_\_\_\_  
Company or Contractor's name

\_\_\_\_\_  
University

\_\_\_\_\_  
Date

