

PROJECT NO. 904000  
STEM CELL INSTRUMENTATION FOUNDRY (SCIF)  
**Addendum #1**

**1.1 A SECOND MANDATORY BID WALK HAS BEEN SCHEDULED.**

**NOVEMBER 5<sup>TH</sup>, 2009 @ 10:00am AT THE SCIENCE AND ENGINEERING BUILDING ROOM 154.**

**All prequalified trades are required to attend one of the two mandatory bid walks.**

**The following trades have been previously prequalified and are not open to bidding, with the exception of the following prequalified Prime Trade Contractors:**

- 01 Demolition / Concrete**
  - National Concrete Cutting
  - Demo Masters
  - LVI
- 02 Insulation, Metal Studs, Drywall, Ceilings**
  - Performance Contracting Inc.
  - Raymond Interior Systems North
  - Tarlton & Sons
- 07 Laboratory Casework**
  - River City Millwork
  - Mission Bell
  - Fremont Millwork
- 08 Clean Room Construction**
  - Performance Contracting Inc.
  - Ataccon
  - AES Clean Technology Inc.
  - Elzinga & Volkers Inc.
  - Environmental Systems Corporation
- 09 Mechanical Systems**
  - Airco Mechanical
  - Frank M. Booth, Inc.
  - Lawson Mechanical
- 11 Electrical Systems**
  - Bergelectric
  - Collins Electric
  - Schetter Electric

The following trades are subject to qualification requirements. The qualification form must be submitted with the bid. The bid is subject to dismissal if the trade contractor does not meet the qualification requirements:

**BID PACKAGES THAT REQUIRE QUALIFICATIONS:**

- 04 Storefront and Glazing
- 10 Fire Protection System

If you have not been previously prequalified **for this project**, utilize the attached Prequalification Form (Exhibit I).

**BID PACKAGES THAT DO NOT REQUIRE QUALIFICATIONS:**

- 03 Doors, Frames and Hardware
- 05 Flooring
- 06 Painting
- 1.4 General Requirements

**1.2 All Prime Trade Contractors**

- 1.2.1 Clean room protocol as outlined in specifications and section 13000 in particular must be followed by all Prime Trade Contractors and all costs associated with the protocols will be included in the Prime Contractor Bid Proposal. Contractor shall mean Prime Trade Contractor at all times.
- 1.2.2 Clean Room protocol training will be provided by the University and **All** workers are required to attend the 4 hour session held on the Campus on December 4, 2009 from 9:00am to 1:00pm.
- 1.2.3 Attached Site Logistics plan (Exhibit II)

**1.3 Specifications**

- 1.3.1 Change specification section 01113 – 1.6.E from:  
“...Prime Trade Contractor PTC 5 shall clear...”  
-to-  
“the General Requirements Prime Trade Contractor, Bid Package 1.4 shall clear...”
- 1.3.2 Add to specification section 01420 – 1.3 – Definition Section A,  
Item 17: CONTRACTOR: Shall mean Prime Trade Contractor at all times.
- 1.3.3 Change specification 01500- TEMPORARY UTILITIES – 1.7 A. from:  
“Existing sanitary facilities may be used during construction. Maintain.....”  
-to-  
“Existing sanitary facilities may **not** be used during construction. Temporary toilets will be placed in the temporary parking lot during construction for use.”

- 1.3.4 Change specification section 01738 – 1.3 – A from:  
“The Contractor shall furnish labor, containers...to be recycled.”  
-to-  
“The General Requirements Prime Trade Contractor, Bid Package 1.4, shall furnish labor, containers...to be recycled.”
- 1.3.5 Change specification section 01738 – 1.3 – B from:  
“The Contractor shall prepare and submit...template.”  
-to-  
“The General Requirements Prime Trade Contractor, Bid Package 1.4, shall prepare and submit...template.”
- 1.3.6 Change specification section 01738 – 1.3 – C from:  
“Review of Contractor’s Site Waste... protection measures.”  
-to-  
“Review of General Requirements Prime Trade Contractor’s, Bid Package 1.4, Site Waste... protection measures”
- 1.3.7 Modify specification section 01810 – 1.3 – C – 1. from:  
“The Contractor shall procure and provide the services of the Commissioning Coordinator.”  
-to-  
“The University shall procure and provide the services of the Commissioning Coordinator.”
- 1.3.8 Modify specification section 13000 – GENERAL CLEANROOM PROVISIONS, 1.3 D:  
“Separate clean room procedures....shall be developed by the contractor....”  
-to-  
“Separate clean room procedures....shall be developed by the **Cleanroom Consultant**....”

#### **1.4 New Bid Package, BP 1.4, General Requirements Prime Trade Contractor**

- 1.4.1 Add the attached 00010L Bid Form L BP 1.4 General Requirements to Proposal Requirements of the Project Manual (Exhibit III)
- 1.4.2 Add the attached 00011L Bid Bond L BP 1.4 General Requirements to Proposal Requirements of the Project Manual (Exhibit IV)

- 1.4.3 Add the attached 01110.01.4 Scope Directive of Work for General Requirements Prime Trade Contractor to Division 1 – General Requirements of the Project Manual (Exhibit V)

**1.5 Revise 01110.08 Scope Directive of Work for Bid Package 08 Clean Room Construction**

- 1.5.1 Add to Inclusion Information the following:

8. Provide continuous openings 30" high at return air chases.

9. Cleanroom Protocol Management, Supplies and Cleaning:

- Provide and maintain cleanroom consumables to be purchased from Cintas as follows:
  - 10,000 ea Powder-Free Latex Gloves (ambidextrous)
  - 10,000 ea Blue Polypropylene Shoe Covers
  - 10,000 ea cleanroom Bouffant Polypropylene Caps
  - 1,000 ea Polypropylene Beard Covers
  - 5,000 ea Bunny Suits
  - Tacky Mats in sufficient number to satisfy the requirements of the project.
  - Provide in sufficient quantity for all Prime Trade Contractors IPA mixed with DI water as required by the specifications.
  - Provide sufficient quantities of lint-free cloths/wipes for all Prime Trade Contractors for the project.
- Provide 120lf (25'x70') of fence or other means of enclosure with the appropriate gates to create a lay-down, cleaning and fab area. Within this area provide a 12'x20' vestibule with the appropriate ventilation for gowning and final wipe down prior to entering the building for all Prime Trade Contractors. Within this area provide storage for all consumables and a storage cabinet for flammable consumables.
- Provide a competent person satisfactory to the University Representative to manage cleanroom protocol, including initial and continual cleaning of the cleanroom area and surrounding area as required during the course of construction and commissioning. This person must be able to read, write and verbally communicate in English. Provide a HEPA vacuum as required by the specifications for this persons use. This person

will manage the inventory of the cleanroom supplies noted above.

- Provide final wipedown and micro-cleaning of the complete cleanroom to meet commissioning and certification requirements.

10. Assume all mechanical ducting will be in place prior to you locating your ceiling supports, bridge around all duct work as required.

### **1.6 Revise 01110.03 Bid Package 03 Scope Directive of Work for Doors, Frames and Hardware**

1.6.1 Add to SPECIFICATION SECTIONS: 13000 General Cleanroom Provisions (As it relates to this scope)

### **1.7 Revise 01110.04 Bid Package 04 Scope Directive of Work for Storefront and Glazing**

1.7.1 Add to SPECIFICATION SECTIONS: 13000 General Cleanroom Provisions (As it relates to this scope)

1.7.2 Add to INCLUSION INFORMATION: Item #8, Provide temporary protection at openings to be demo'd.

### **1.8 Revise 01110.05 Bid Package 05 Scope Directive of Work for Flooring**

1.8.1 The east side of the project currently has resinous flooring to be removed by the demo contractor. Carry any substrate preparation required prior to installation of new flooring.

1.8.2 Revised bid form attached. (Exhibit VI)

### **1.9 Revise 01110.06 Bid Package 06 Scope Directive of Work for Painting**

1.9.1 Add to SPECIFICATION SECTIONS: 13000 General Cleanroom Provisions (As it relates to this scope)

1.9.2 All drywall surfaces inside the four return air chases, noted on page A-401, within the cleanroom area will be epoxy painted.

### **1.10 Revise 01110.07 Bid Package 07 Scope Directive of Laboratory Casework**

- 1.10.1 Add to SPECIFICATION SECTIONS: 13000 General Cleanroom Provisions (As it relates to this scope)