

**THE UNIVERSITY OF WYOMING  
BOARD OF TRUSTEES MEETING  
January 17-January 19, 2018  
Laramie, Wyoming**

*This item was not on the original agenda for consideration/action.  
For review and action during the January 2018 meeting.*

**AGENDA ITEM TITLE:**

**Consideration/Action - Use of contingency funds to purchase an X-Ray Imaging System at the High Bay Research Facility, Mai**

CHECK THE APPROPRIATE BOX(ES):

- Work Session
- Education Session
- Information Item
- Other           Specify: Committee of the Whole (Items for Approval)

**BACKGROUND AND POLICY CONTEXT OF ISSUE:**

This request relates to the use of HBRF building reserve funds to obtain experimental equipment for installation on the second floor of the Center of Innovation for Flow through Porous Media (COIFPM) at the High Bay Research Facility.

On the second floor of COIFPM, ten (10) laboratories have been built that have been designed to house X-ray imaging instruments and associated core-flooding systems. Currently only two (2) of these laboratories are equipped with macro-scale X-ray imaging devices, and therefore the capacity to conduct macro-scale studies that utilize X-ray imaging is limited. Based on the existing experimental studies and the projects for which the University is currently seeking external funding, it is imperative that at least one (1) more laboratory be equipped with a robotic X-ray Imaging System. This would allow the University to execute the project plans in a timely manner.

It will take approximately 5-8 months to procure, receive, install, integrate, and commission the robotic X-Ray System and therefore it is essential that UW acquire the hardware as soon as possible. The total approximate cost will be \$1.2 million. The acquisition can be formulated in a manner that the payments are made in installments.

This item is in excess of \$25,000 and thus requires Board approval per the *Project Development Policy and Procedure for UW Capital Construction for Major Projects*.

X-Ray Imaging System - Total cost - \$1.2M  
  Initial Payment - \$400,000  
  Remaining payment - \$800,000

In December 2017, approval was granted for the initial payment for the X-Ray Imaging System to come from Owner's Construction Contingency. This payment was for \$400,000 and left a remaining balance in the High Bay Contingency budget of \$873,000.

Approval is now being sought for the remaining \$800,000 for the X-Ray Imaging System to come from High Bay contingency budget.

At this point no other equipment purchases are being requested for the High Bay Research Facility.

**PRIOR RELATED BOARD DISCUSSIONS/ACTIONS:**

1. At the February 15, 2017 meeting, the Board approved using contingency funds to purchase and install an Uninterrupted Power Supply (UPS) for a Not-To-Exceed (NTE) price of \$250,000.
2. At the March 22-24, 2017 meeting, the Board approved using contingency funds to purchase and install a nitrogen system for a NTE price of \$77,364.
3. At the April 12, 2017 meeting, the Board approved using contingency funds to ventilate the air compressor in the mechanical room and install a ceiling lattice system in a laboratory for a NTE price of \$97,013.00.
4. At the July 21, 2017 meeting, the Board approved using contingency funds to purchase and install items for laboratories for a NTE price of \$2,645,615.
5. At the December 13, 2017 meeting, the Board approved using contingency funds of \$400,000 for the initial payment for the X-Ray Imaging System.

**WHY THIS ITEM IS BEFORE THE BOARD:**

Vice President for Administration Bill Mai is requesting Board approval for Facilities Construction Management to expend Owner's Construction Contingency of \$800,000.00 to pay the remaining payment for the X-Ray Imaging System. This will leave a balance of \$73,000.00 for University of Wyoming operations to manage any unforeseen issues with the building over the next year.

**ACTION REQUIRED AT THIS BOARD MEETING:**

Approval from the Board of Trustees to expend \$800,000 of Owner's Construction Contingency to pay the remaining costs of the X-Ray Imaging System.

**PROPOSED MOTION**

I move to approve using \$800,000 of Owner's Construction Contingency to pay the remaining costs of the X-Ray Imaging System.

**PRESIDENT'S RECOMMENDATION:**

It is recommended that the Board of Trustees of the University of Wyoming approve using \$800,000 of Owner's Construction Contingency to pay the remaining costs of the X-Ray Imaging System.