Forney Hall East Wing Renovation (DL2) – 2015  
West Lafayette Campus

Request BoT Approval to Award Construction Contract

1. Project Description
   - This project will renovate lab space for the College of Engineering in the East wing of Forney Hall. The East wing of Forney Hall is a three-story building with a basement and ground floor structure. The renovation will include:
     - casework modifications and additions
     - replacement of existing fume hoods
     - installation of new fume hoods
     - upgrades to room finishes
     - installation of new snorkel exhaust systems
     - electrical and lighting upgrades
     - HVAC upgrades
     - installation of new make-up air units and a manifold exhaust
   - The HVAC upgrades will also require a new penthouse addition.
   - This project will also renovate and create additional graduate student office space.
   - Scholer Corporation performed A/E services for this project.
   - Construction is scheduled to begin in July 2015 and occupancy is planned for November 2016.

2. Project Benefits
   - The renovation of this space will complete the renovations of the original part of Forney Hall which was constructed in 1938.
   - This renovation will support the College of Engineering strategic growth plan to add 107 new faculty members. This growth will be reflected in an increase of the Chemical Engineering faculty members of up to 30%.
   - Forney Hall occupies a prime space on campus, and the School is in a desirable position to accomplish its strategic hiring goals by renovating existing space in the existing building, instead of requiring new construction at another location.
   - This comprehensive renovation will enable the School of Chemical Engineering to attract world class faculty members and graduate students with competitive facilities that have the proper capabilities for a broad range of research activities.

3. Project Cost and Funding
   - Two bids were received for this project on May 7, 2015.
   - Kettelhut Construction, Inc. has been selected as the contractor for this project based upon their low bid of $4,126,000.
   - Total Project Cost: $6,200,510
   - Source of Funds: Repair and Rehabilitation – ARRA Funds – F&A $6,020,000
                     Departmental Funds $180,510
<table>
<thead>
<tr>
<th>Source of Funds</th>
<th>Account Number</th>
<th>Funding Amount</th>
<th>Current Balance</th>
<th>Identified Commitments</th>
<th>Available Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forney Construction</td>
<td>82014473</td>
<td>$6,200,510</td>
<td>$6,200,510</td>
<td>N/A</td>
<td>$6,200,510</td>
</tr>
</tbody>
</table>
Forney Hall East Wing Renovation (DL2) - 2015

PROJECT BUDGET:
Base Bid: Kettelhut Construction, Inc. $3,749,000
Lafayette, Indiana

Alternate 1 : Renovation of Room 2013 - Research Lab $ 271,500
Alternate 2 : Renovation of Room 3013 - Research Lab $ 67,500
Alternate 3 : Fume hoods to be provided by GC within Room 3004A - Research Lab $ 21,000
Alternate 4 : Fume hoods to be provided by GC within Room 3005 - Research Lab $ 17,000

Subtotal Contracted Construction $ 4,126,000

Insurance $ 3,300
Abatement, Doors, Hardware, Temperature Controls, Shutdowns $ 433,500
Telephone/Telecommunication $ 10,000
Furnishings and Equipment $ 175,000
Hard Cost Contingency $ 650,000

Subtotal - HARD COSTS $ 5,397,800

Architect Fee Scholer Corporation $ 571,285
West Lafayette, Indiana

Consultant Fees: Test & Balance, Commissioning & State Fees $ 6,500
Plan Printing $ 13,638
Project Management $ 191,287
Miscellaneous $ 5,000
Soft Cost Contingencies $ 15,000

Subtotal - SOFT COSTS $ 802,710

Total Project Budget $ 6,200,510

SOURCE OF FUNDS:
Departmental Funds $ 180,510
Repair and Rehabilitation - ARRA Funds - F&A $ 6,020,000

Total Project Funding $ 6,200,510
### Purdue University Tabulation of Bids for May 7, 2015
#### Forney Hall East Wing Renovation (DL2) - 2015
Purdue University West Lafayette Campus

<table>
<thead>
<tr>
<th>BIDDERS</th>
<th>Kettelhut Construction, Inc. Lafayette, IN</th>
<th>Mid-States General &amp; Mechanical Contracting Corp. Lafayette, IN</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Contractor Drug Testing Program</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Collusion Affidavit</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Form 96a</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plumbing License</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Combination Bid Bond and Bond for Construction</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Safety Requirement</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Principal Subcontractor Questionnaire</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MBE/WBE Participation</td>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**COMPLETED CONSTRUCTION – Base Bid**

<table>
<thead>
<tr>
<th>Scholer Corporation Preliminary Estimate</th>
<th>$4,820,000</th>
<th>$4,300,000</th>
<th>$3,749,000.00</th>
<th>$4,293,000.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholer Corporation As-Drawn Estimate</td>
<td>$4,820,000</td>
<td>$4,300,000</td>
<td>$3,749,000.00</td>
<td>$4,293,000.00</td>
</tr>
<tr>
<td>Alternate No. 1 310,000 Add/Deduct</td>
<td>+ 271,500.00</td>
<td>+ 280,000.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alternate No. 2 55,000 Add/Deduct</td>
<td>+ 67,500.00</td>
<td>+ 69,000.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alternate No. 3 44,000 Add/Deduct</td>
<td>+ 21,000.00</td>
<td>+ 21,000.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alternate No. 4 31,000 Add/Deduct</td>
<td>+ 17,000.00</td>
<td>+ 15,000.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Alternate No. 1 – Renovation of Room 2013 – Research Lab
Alternate No. 2 – Renovation of Room 3013 – Research Lab
Alternate No. 3 – Fume Hoods to be provided by Contractor within Room 3004A – Research Lab.
Alternate No. 4 – Fume Hoods to be provided by Contractor within Room 3005 – Research Lab.

Proceed with award: [Signature]