

**ENGINEERING CENTER - LOW VOLTAGE SYSTEMS CONTRACT**

**A Recommendation**

1. **Division and Department:** Finance and Administration Division, and Facilities Management Department.
2. **Introduction:** The Engineering Center requires Low Voltage Systems (LVS) which include security systems, telecommunications wiring and equipment, audio visual and LAN/Wi-Fi equipment, and installation. The LVS is not covered under the Construction Manager contract previously approved by the Board of Trustees (Board) but falls within the project budget of \$74,551,739.

As part of the required competitive bid process a Request for Proposal (RFP) was issued for LVS services. Five responses to the RFP were received (Attachment A). A committee consisting of members from Facilities Management, Purchasing, University Technology Services, and Classroom Technology thoroughly vetted the proposals. The review process included a detailed interview, verification of experience, reference checks, and a cost analysis. Motor City Electric Technologies submitted the lowest cost qualified bid, has excellent relevant experience and references, and made an excellent presentation during their interview.

Additionally, \$280,000 in contingencies were identified to accommodate possible variables and scope changes.

Facilities Management recommends that Motor City Electric Technologies be approved to provide LVS for the Engineering Center project.

3. **Previous Board Action:** On December 9, 2010, the Board approved the Fiscal Year 2012 Capital Outlay Project Request to the State of Michigan, which included the Engineering Center as the University's top priority Capital Outlay request. On March 30, 2011, the Board approved the Engineering Center reimbursement resolution. On June 8, 2011, the Board approved SmithGroup Inc. as the architectural and engineering firm for the Engineering Center. On October 31, 2011, the Board approved the schematic design and financing for the Engineering Center. On March 28, 2012, the Board approved Walbridge as construction manager at risk for the Engineering Center.
4. **Budget Implications:** LVS services are included in the project budget of \$74,551,739.

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5. **Educational Implications:** State of the art LVS and equipment will be installed in the Engineering Center, providing an enhanced student experience.

6. **Personnel Implications:** None.

7. **University Reviews/Approvals:** This recommendation was formulated by the selection committee listed above, and was reviewed by the Associate Vice President for Facilities Management, Vice President for Finance and Administration, and President.

8. **Recommendation:**

RESOLVED, that the Vice President for Finance and Administration be authorized to negotiate and execute a contract with Motor City Electric Technologies to provide Low Voltage Systems for the Engineering Center; and, be it further

RESOLVED, that the total cost for all Low Voltage Systems for the Engineering Center, inclusive of reimbursables and Oakland University contingencies, will not exceed \$3,885,561; and, be it further

RESOLVED, that the contract be reviewed and approved by the Office of the Vice President for Legal Affairs and General Counsel prior to execution, and be in compliance with the law and with University policies and regulations, and conform to the legal standards and policies of the Vice President for Legal Affairs and General Counsel.

9. **Attachments:**

A. Engineering Center Low Voltage Bid Summary.

Submitted to the President  
on 3/25, 2013 by

  
\_\_\_\_\_  
John W. Beaghan  
Vice President for Finance and Administration  
and Treasurer to the Board of Trustees

Recommended on 3/28, 2013  
to the Board for approval by

  
\_\_\_\_\_  
Gary D. Russi  
President

**Engineering Center  
Low Voltage Bid Summary**

<b>Contractor</b>	<b>Proposal Amount</b>
Dynalectric	\$3,605,561
Motor City Electric Technologies	\$3,681,070
Center Line Technologies	\$4,049,950
La Belle Electric Services	\$4,147,711
Shaw Systems and Integration	\$4,172,213