Approval of Contract in Excess of $2,000,000

Vendor: JEOL USA Inc.

Item: Electron Beam Lithography System

Contract Period: Four years from date of installation

Amount: $2,180,000* (Estimated – Final price to be negotiated)
- Direct post RFP negotiated savings of 11.6% ($72,000 for system and $181,000 for service agreement)
- $1,800,000 – System with one year free warranty
- $380,000 – Years 2-4 ($126,666.66 annually for three year service agreement)

Campus: West Lafayette (Birck Nanotechnology Center)

Source of Funds: General Funds (21010000/4027002000)
- $1.4M from EVPRP, $.7M from College of Engineering, $.3M from Birck

Remarks: Purdue University and JEOL USA Inc. intend to enter into a partnership agreement for the Direct Write Electron Beam Lithography System. The partnership brings a newly developed system with state-of-the-art capabilities to Purdue University in exchange for JEOL to receive time on the system to demonstrate its capabilities to prospective customers. In-turn, Purdue will receive recognition for being the first University in North America with the system.

In exchange for the Post-JBX-6300FS system at a substantial discount, Purdue will be a) providing feedback for improvement in software and hardware ideas; b) presenting research results with this tool in at least one major conference per year; and c) allowing prospective academic and industry customers to view demonstrations of the equipment. The system normally costs approximately $3,100,000. With this partnership, Purdue will purchase the system for $2,180,000 (includes three years of service agreement for years 2-4). JEOL and Purdue will mutually agree on up to 20 demonstration days (1-2 days per month) per year and JEOL will pay Purdue $1,500 per day. JEOL will allocate a service engineer in Chicago capable of servicing the tool as needed.

The state-of-the-art tool is critical to maintain Purdue as a leading research institution in many nanotechnology research areas. JEOL is a leading manufacturer in the field ensuring the tool will remain at top operating condition all the time leading to continuous state-of-the-art results for Purdue researchers. The new technology ensures a constant stream of new potential customers and collaborators at Purdue on a monthly basis.