

Request for Proposals
Deere & Company
Due: April 16, 2007

Background

Deere & Company has maintained an ongoing research relationship with the Virtual Reality Applications Center at ISU since 1994. The relationship is structured to leverage diverse interests in applying virtual reality, visualization, and other emerging information technologies to challenges in product and manufacturing process development throughout Deere's global enterprise. It is also intended to establish and build relationships between ISU researchers and Deere personnel. In addition to the existing relationship with VRAC, Deere is interested in expanding their ISU research relationship to include disciplines that will create value for Deere businesses and customers worldwide. Of particular interest is research that will advance knowledge and yield innovations in Bio-energy, Information Technology, Advanced Technology Marketing, and other topics of potential value to Deere customers. Developing tools for modeling and understanding customer businesses to aid Deere in decisions about technology development is a strong interest.

Request

With this request for proposals, Deere is soliciting broad interest, initiated at both ISU and Deere, in research that will advance productivity, competitiveness, and innovation. Project duration may be up to three years. ISU researchers are encouraged to contact Deere colleagues to discuss ideas and formulate effective research plans. If you have an idea and would like guidance on finding an appropriate Deere contact, please notify Jerry Duncan at:
DuncanJerryR@JohnDeere.com

Through April and May 2007, Deere will review all proposals and may encourage scope revisions and groupings to exploit common interest among Deere Divisions. Deere will then prioritize the projects and solicit funding from a variety of internal sources. Deere may also solicit support from external industrial research partners. Researchers with contacts and relationships with appropriate companies are encouraged to highlight them in their proposals. Deere is also interested in fostering collaboration among universities, and encourages researchers to consider teaming with colleagues at US and international universities when that will yield special, mutual benefits that can be highlighted in the proposal.

Timeline

April 16, 2007 Proposals Due
May 25, 2007 Initial notification of interest and potential revision
August 31, 2007 Notification of funding commitment
January 1, 2008 Project Initiation

Details

- * Proposals are limited to 3 pages and must use the outline template enclosed.
- * Proposals must incorporate the budget template enclosed.
- * Proposal should be submitted electronically to: Lynette Sherer (lks@vrac.iastate.edu)
- * Questions should be addressed to: Jim Oliver (oliver@iastate.edu)

Project 1: PI
Title

Title

ISU Team Leader:

Deere Project Leaders:

Objective

Description (includes need for research)

Project Scope and Deliverables

Schedule of milestones (include 18 month deliverables for this portion of the project)

Project Team Communication Plan

Budget (including justification)

Impact (expected results/value proposition)

Budget template: http://www.econ.iastate.edu/newsfiles/Budget_template_Deere.xls