

EVPRP Major Multiuser Research Equipment Program FY17: Pre-proposal stage

The EVPRP Major Research Equipment Program is intended to extend the cost range of multi-user equipment/instrument acquisitions beyond the limits of other internal programs. Acquisition of equipment for university core facilities is preferred, but equipment may be placed in other bona fide multi-user environments. This program requires matching funding.

The process will be managed at the College/Center level. A general announcement will not be issued and communications should be managed at all stages to avoid an "all-comers" response.

Outline of the Pre-proposal Stage

Ideas for the most strategic or critically needed equipment acquisitions should surface through the ADRs via consultation with department/school Heads or surface through appropriate DP Center Directors. Heads and Directors should understand the intent to avoid an all-comers response.

Each idea will first be presented via a short pre-proposal (two pages at most) **due January 31, 2017**. Pre-proposals should be submitted by e-mail to ovprequipprogram@purdue.edu by either the ADR/Director or the spokesperson for the proposal.

Instructions for the content and format of the pre-proposals are provided within a template appended to this document. Conformity with the template is required.

Colleges and Centers are not limited with respect to the number of pre-proposals they solicit or submit such that acquisitions benefiting users from several colleges are not inhibited.

The ADRs will collectively assess the pre-proposals and select a small number for more thorough presentation and assessment via solicited full proposals due at a date yet to be determined.

Sources of Funds, Cost Limits, and Number of Awards

Cost-sharing: The EVPRP will provide up to two-thirds of the funding. Any combination of department, school, college, and investigator funds can be used to accumulate the rest of the funding.

Expected Cost Range: Typically, total allowed costs should be between \$250,000 and \$1,000,000.

Exception for Cores: For university recognized core facilities, the lower limit is \$100,000. Characteristics of university core facilities are defined on the following web page, and a link to a list of the cores is available on that page.

<http://www.purdue.edu/research/centers-institutes-cores/overview.php>

Higher Cost Exception: In exceptional circumstances, the program may support acquisition of equipment costing more than \$1,000,000 with EVPRP and matching funding determined on a case-by-case basis at the full proposal stage.

Number of awards: Given the funds available and expected cost range, it is anticipated that no more than three awards will be made.

Eligible Equipment and Allowed Costs

Eligible equipment: Stand-alone, commercially available instruments or the essential components of an integrated system may be supported. For the latter, all components should be largely dedicated to the identified function or need.

Allowed Costs: Standard costs associated with the acquisition, repair, or upgrade of the equipment including but not limited to purchase price, import costs, shipping, installation, and limited training, are allowed.

Review Criteria and Other Considerations

For pre-proposals and full proposals the fundamental criteria are impact and need.

Impact and need will be assessed relative to the potential to advance the research programs of multiple investigators. Outcomes that may be considered in the review of pre-proposals or full proposals include reduction or removal of research barriers (including barriers to external funding or publication), enhancement of the pace or quality of research, the extent of projected use relative to potential use, and the availability of similar equipment/functions on campus.

Applications that could result in duplication of existing equipment/functions, especially those in recharge facilities, must include very strong scientific and/or practical justification.

Eligibility for funding by federal programs as well the history and results of applications to these programs may be considered during the review of full proposals.

A concurrent proposal to an external program does not preclude submission to this EVPRP program. An award might be offered through the EVPRP program contingent on the outcome of a submission to the external program.

2016-17 Major Multiuser Research Equipment Program

The pre-proposal should not exceed two (2) pages, and must use Arial 11 point font, 1.0 inch margins and single line spacing. Please include the bold section titles as provided and in the order listed, and delete any associated, italicized explanations, including this paragraph. The term "equipment" refers to an apparatus or instrument. Eligible items are single, commercially available units or the essential components of an integrated system.

Identify a spokesperson and one alternate

Include name, academic unit or core facility, e-mail address, and phone number.

What type of equipment is needed?

Identify the functional class of equipment to be acquired.

Example: "Raman Imaging Microscope"

Brief description of the Equipment and its Use *(five lines or less).*

Include its specific function or use and key capabilities. Include the manufacturer and model if available. If a manufacturer's or vendor's web site provides valuable information, please include a URL or link.

Where will the equipment be deployed?

Example: In the Department of Biochemistry Shared Instrument Facility.

Example: In the Birck Nanotechnology Center's core facilities.

The unit head responsible for the space should be informed about this proposal.

Explanation of Impact and Need

(1) Why is acquisition of the equipment important for Purdue's research programs?

Please use no more than the remaining space available on the first page.

If relevant, address the availability on the Purdue-WL campus of equipment of similar function/use. If such equipment is already available for shared use, why is the new equipment needed?

(2) Faculty members who can justify a critical / significant need for the equipment.

Use the Table below. The first person listed will be considered the spokesperson if questions arise before review. Anyone included should be informed about this pre-proposal. If more than six, include six and add a sentence indicating the number that could also be included.

Name	Position title	Department(s) or School(s)	College(s)

Summary of Primary Costs for the Equipment

Standard costs associated with the acquisition, repair, or upgrade of the equipment, including but not limited to purchase price, import costs, shipping, installation, and limited training, will be allowed. Supplies, spare parts, or other items not necessary to install and commission the equipment should not be included.

Summary of Recurring Costs

What are the expected annual costs for service contracts, maintenance or repair, staff operation or assistance, etc?. How will those costs be met?

Other Cost Considerations

If one time-space or utility modifications will be necessary to deploy the equipment, briefly explain.

If the availability of the proposed equipment will lead to the retirement of existing equipment, briefly explain the outcome(s) including any cost savings expected.

DO NOT Attach Additional Materials or Appendices

Additional materials or appendices will be discarded.