

Request for Proposal

Grant Opportunity with the Department of Environmental Quality

Program Description

Up to seven \$24,800 grants are available to Michigan institutions of higher learning to develop and teach a pollution prevention (P2), green chemistry and green engineering course designed for undergraduate students. The course must convey the expanding roles that green chemistry plays in the development of policy and process changes in agriculture, natural resources, municipal services, health care, transportation, energy, and various manufacturing industries. The curriculum for the course must engage students in interactive dialog; internet research on the web; educational site visits; and networking opportunities with industry, government, and academic professionals with knowledge and experience with P2, the twelve principles of green chemistry and the principles of green engineering. Funds will be provided by the P2 Retired Engineers Technical Assistance Program (RETAP) Internship Program (P2RIP).

Eligible Colleges and Universities

Any Michigan university that has an accredited undergraduate college in either chemistry or one of the traditional engineering program areas such as: agricultural; chemical; civil; electrical; environmental; food; or mechanical engineering will qualify for this grant opportunity.

Minimum Requirements for a Successful Proposal

The minimum requirements for a successful proposal are outlined by the following conditions:

1. Applicant is a university or college that is located in the State of Michigan and has an accredited undergraduate college in either chemistry or one of the traditional engineering program areas such as: agricultural; chemical; civil; electrical; environmental; food; or mechanical engineering.
2. Applicant submits an outline detailing a classroom curriculum that will teach students the definition and concepts of P2, the twelve principles of green chemistry, and the principles of green engineering that is accepted by the ESSD.
3. Applicant submits a plan that details how the new course will be marketed to freshman and other undergraduate students having an interest in learning about P2, green chemistry, and green engineering. The plan must allow detail how the course will be administered to students, and methods to facilitate the course.
4. Applicant submits information that demonstrates the university's ability to invoice bill against the grant on a monthly.
5. Applicant submits a budget that outlines cost and expenses for securing speakers, travel, development of the curriculum, administrative cost, and other associated costs not to exceed \$24,800.
6. Applicant submits a summary of the successes and failures of the classroom project, along with recommendations that can improve future success at investing students with skills in the area of P2, the twelve principles of green chemistry and green engineering.
7. Applicant submits two copies of all documents no later than 4:00 PM on Friday, May 16, 2008 to the following address:

Please mail two (2) copies of your completed application to:

Mailing Address:

Attn: Dale Copedge
MI Department of Environmental Quality
Environmental Science & Service Division
P.O. Box 30457
Lansing, Michigan 48909-7957

Overnight Delivery Address:

Attn: Dale Copedge
MI Department of Environmental Quality
Environmental Science & Service Division
1st Floor, North Tower
525 West Allegan
Lansing, Michigan 48933

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Project Clarifications and Revisions

During the proposal review process, applicants may be contacted for clarification and for the purpose of negotiating changes in project activities, timetables, and budgeted costs. The DEQ reserves the right to award funds for an amount other than that requested and/or request changes to, or clarification of, the proposed project. The applicant may be requested to submit an electronic copy of all documents will at a later date.

Acceptance of Proposal and Confidentiality

The successful applicant will be required to enter into a "Letter of Agreement" (LOA) with the DEQ within 30 days of being awarded funding. A LOA consists of standard "boilerplate" language, applicant's work plan, timetable, and budget information, a compensation clause that reflects to guidelines in this RFP, and terms and conditions that outlines some of the contractual requirements. Failure of the successful candidate to accept these obligations will result in cancellation of the award. The DEQ reserves the right to offer partial funding for any approved proposal. All information provided in pursuit of, and resulting from, DEQ funding is open to the public.

Evaluation and Selection Criteria for Proposals

Proposals will be evaluated using the following primary criteria:

1. The proposal is complete, reasonable, and meets the "Minimum Requirements for a Successful Proposal" previously listed;
2. Timely application submittal within the guidelines of the RFP.

For Additional Information or Assistance

Contact Mr. Dale Copedge of the Environmental Science & Services Division at 800-662-9278 or copedgdd@michigan.gov