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NYS Center of Excellence in Healthy Water Solutions at Clarkson University and SUNY ESF

2022-2023 Request for Proposals Concept Commercialization/ Implementation

A primary objective of the Centers of Excellence (CoE) within New York State is to support technology commercialization or economic development. Besides involving the development of a product that can be sold or a technology that could be patented, in the context of water management this may entail implementation of practices that lead to tangible economic gains to municipalities or resource users, possibly in the form of reduced costs. Unlike the seed funding program, these funds are intended for more mature projects that are near a commercialization or implementation phase.

Eligibility: The key requisite to be eligible for this pool of funds is that an applicant must have one-to-one matching funds from a private sector partner, a federal grant or internal (university) sources (e.g. investigator salary cost sharing or tuition for students). Additionally, the applicant must be proposing a technology or management approach related to water quality that is at the applied testing phase, such that further work could in the near term lead to commercialization or implementation of a new policy or management scheme.

Informational Meeting: There will be an on-line informational meeting to answer questions on Tuesday, November 29, 2022 at 8:30 am (EST). (Zoom meeting link: <https://syracuseuniversity.zoom.us/j/98607136164?pwd=akpubE5OMERGaE9pU2tGcmN4djVsdz09>)

Allowed Expenses: Eligible expenses include student salary, tuition, supplies, equipment, project travel, and up to one week of PI summer salary. Project budgets should not exceed \$100k over the 12 month project period.

Timeline: Projects may be able to start in spring, but will most likely start in late summer 2023 dependent on additional state funding in 2023. Project duration is 12 months.

Proposal Format: Proposals are due by January 13, 2023 at 5:00 pm (EST) and should be submitted to coe@clarkson.edu. The proposal text can be single space but should be at least a font size of 11. The proposal should consist of:

- 1 to 1.5 page narrative providing overview of technology/management scheme, development history, current status, and next steps for commercialization. This section should clearly indicate how these funds will be used and the benefit of these funds in moving toward commercialization or implementation.
- a brief (i.e. ~ 1 paragraph) description of the nature of the available matching funds
- a brief description of project partners and their roles in the project
- a budget summary and brief justification of budget items. 15% indirect cost needs to be applied to all personnel costs. For other costs, indirect costs have been waived.
- 2 page biosketch of PI's

All funded projects will be required to submit a mid-point and final status report as well as to submit summary material and images for the CoE website.

Proposal Evaluation: All proposals will first be screened to identify the presence of sufficient matching funds. The proposal will then be evaluated based on three main criteria: 1. Potential benefits of technology in terms of addressing a critical water quality/resource issue, 2. Feasibility of commercialization/implementation plan, 3. Need for funds (i.e. are there alternative funding sources).

Proposals will be reviewed by a panel of ESF and Clarkson faculty as well as external reviewers.

Inquiries: Contact CoE Co-directors Stefan Grimberg, Professor, Civil & Environmental Engineering, Clarkson University (sgrimber@clarkson.edu) or Stephen Shaw, Associate Professor, Environmental Resources Engineering, SUNY ESF (sbshaw@esf.edu).