REQUEST FOR PROPOSALS

NUCLEAR-RELATED RESEARCH / URANIUM PRODUCTION

ISSUED BY THE UW SCHOOL OF ENERGY RESOURCES

Proposals are due December 1, 2022

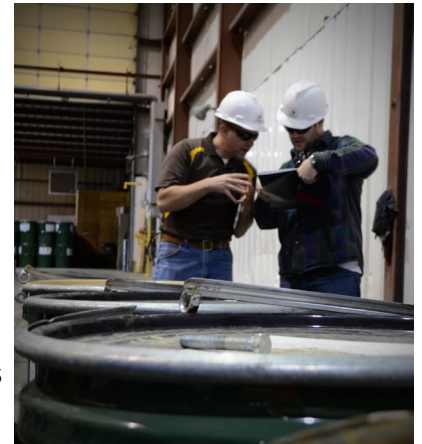Selected projects will be notified by December 15, 2022

REQUEST FOR PROPOSALS

The School of Energy Resources (SER) is focused on energy-driven economic development for Wyoming. Uranium production and nuclear energy are an important component of Wyoming's energy past, present and future. Thanks to support from the Wyoming legislature and with support from the governor's office, SER aims to grow nuclear-related research capacity at the University of Wyoming and is encouraging proposals under this topic. This funding can be for standalone projects or used as cost share for projects funded by DOE or other funding agencies.

TOPICS OF INTEREST:

High priority projects will be selected in two areas of interest (AOI):

- **AOI 1:** Laboratory facilities and/or computational equipment that enhance nuclear-related research capacity at UW. Any laboratory equipment or computational capacity awarded under this RFP must be incorporated into a shared user facility accessible to faculty with nuclear-related activities and completing training. Faculty can request equipment access through SER. Two years of maintenance and operational costs can be included in the proposal costs. Proposals up to $600,000 are welcomed in this area.

- **AOI 2:** Research and/or personnel support focused on producing papers, data or other output that to support a nuclear industry build out in Wyoming and align with Wyoming needs and DOE Nuclear Energy goals, found here: https://neup.inl.gov/SiteAssets/FY2023_Documents/FY23_FOAs/NEGTN02-%23238354-v9-FY_2023_CINR_FOA_DE-FOA-0002732.pdf

  - Proposals up to $200,000 are welcome in this area. For AOI 2, funds can be used for research purposes, including:
    - Graduate/undergraduate student support
    - Post-doc support
    - Research equipment, consumables, and other needs for the proposed research
    - Faculty summer salary (maximum one month per fiscal year)
    - Travel

HOW TO APPLY:

Submit a 3 page (max) proposal that includes:
- Principal Investigator, college/department affiliation, and expertise
- Explanation of how the research will grow or support Wyoming's nuclear sector and has potential maintain sustained funding from federal, private sector or philanthropic sources
- Budget detailing how the funds will be spent

- **For AOI 1:**
  - Description of proposed equipment and/or computational resources to be acquired
  - How the equipment and/or computational resources will be accessed by multiple faculty
  - Explanation of how equipment maintenance and operation will be funded long-term
- **For AOI 2:**
  - Explanation of the research and how it will improve nuclear-related research capacity important to Wyoming. This focus must be maintained throughout the duration of the funding. If the agreed upon focus is not followed, SER reserves the right to discontinue funding the project.
  - Specific deliverables for the course of the project (i.e., quarterly reports, papers, etc.).
  - Email the proposal and questions to SER Project Specialist, Tiffany Bishop tbishop6@uwyo.edu, with the subject "Wyoming Nuclear Capacity Building."

TIMELINE:
- Proposals are due **December 1, 2022**
- Selected projects will be notified by **December 15, 2022**
- Project duration: Funds must be spent by **July 30, 2026**

EXPECTED DELIVERABLES:
- Quarterly progress reports (1 page)
- Presentation and project progress and status and submittal of presentation file (pdf or ppt) by June 30, 2022 for AOI 1 and each June 30 for the duration of the project for AOI 2
- For AOI 2: Final report due 3 months after the conclusion of the project (10 pages or less)
- It is expected that one (1) project will be awarded in AOI 1 and one (1) project will be awarded in AOI 2, subject to the availability of funding