Submission: Dennis Shannon, OSP, will submit all proposals to Tricia Liedle via email once they have been reviewed and all costs approved in NUgrant. Deadline to Dennis Shannon is: 1:30 p.m. March 25th.

Full proposal Deadline to NWC from Dennis Shannon is: March 28th @ 1:30 PM

Please comply with the following:
Research Needs: Proposals are welcome in all areas of surface or groundwater study, with preference given to problems of state (see Attachment 3, 3A, and 3B) and regional importance, to junior faculty, and to projects that include student-training opportunities. These one-year seed grants are expected to lead to larger, extramural grants. NOTE: no extensions will be granted by USGS for 2022 funding. All research must be completed by the grant ending deadline. See Attachment 5-SAMPLE FY2021 USGS 104b RFP for reference.

Full Proposals must include:
- a. up to ten (10) pages of project description (11 or 12 pt. Times New Roman font, 1” margins)
- b. one-half to one page of an explanation of where (i.e., which agency), when, and how the proposed study will lead to a larger, extramural proposal
- c. budget justification of up to one page
- d. one page with an itemized budget (see example in Attachment 4)
- e. names and contact information for five proposal reviewers (at least one from Nebraska, others from surrounding states; NO UNL/UNK/UNO/UNMC employees). We also ask that you notify these reviewers in advance (heads up) asking if they will provide a review (an approximate 2 week turn-around will be requested for reviews) when we contact them via email March 29-31
- f. two-page CV (including selected relevant publications and grants over the last five years) for each PI listed,
- g. an SF-424

You also need to incorporate the above items a-g into one (1) .doc file.

Your proposal should include: the overall goal of the study, specific objectives, anticipated outcomes and a description of the approach, including a research timetable and specifically where you intend to apply for extramural funding as a result of this grant. If you have received USGS 104b support from the Nebraska Water Center at any time within the past five years (2017-2021), you must also include information on efforts to obtain subsequent extramural funding. We ask that you also provide a list of current and pending support.

Budget details:
- Proposed projects should be for a period of one-year and shall not request total federal funds exceeding $25,000 per project. All FY22 funding will NOT be allowed an extension to finish the research project. Project must be completed by August 21, 2023.
- Funding period is September 1, 2022 (anticipated start date) through August 31, 2023. A new 1:1 FEDERAL (one) TO NON-FEDERAL (one) MATCH is mandatory (note: this is a change from previous 104B funding). Matching funds (a.k.a. Cost Share) may include indirect costs and unrecovered indirect costs, non-federal salaries and benefits. Indirect costs (i.e. F&A) are NOT allowed on the grants, however unrecovered F&A may be used to help meet the required match ratio.
- The F&A rate should correspond to the rate that will be used in the first year of the five-year cycle in which the pre-proposal is announced. For FY2021 UNL's federally negotiated indirect rates were 55.5% for organized research and 48.5% for Ag research respectively. (Attachment 4)

Chittaranjan Ray, Director
Nebraska Water Center
Daugherty Water for Food Global Institute
2021 Transformation Dr. Suite 3220
Lincoln, NE 68588-6204
• An example budget with instructions is provided in Attachment 4, however the OSP budget template is recommended for preparing your budget to ensure everything is calculated correctly.

**NUgrant:**

- Full proposals must be routed in NUgrant at this stage to ensure cost share is appropriately approved or modified before moving on to full submission stage.
- Please work with your departmental or business center grants specialists to create a NUgrant form for your full proposal. If no such support is available, please work directly with Dennis Shannon, Pre-Award Grants Coordinator-OSP (472-3244 or dshannon2@unl.edu)
- Full proposals will be submitted to Patricia Liedle via Dennis Shannon from OSP as a PDF on or before 1:30pm on March 28th. Full proposals will not be reviewed by NWC without OSP approval.
- **NOTE:** Full proposals submitted after 1:30pm will not be considered on March 25th. Principle investigators chosen for funding will be notified mid-April.

**YOU WILL BE RESPONSIBLE FOR SUBMITTING YOUR FINAL FULL PROPOSAL ELECTRONICALLY as a .doc file to Gamze Randoloph NO LATER THAN April 21st at 1:30 p.m. with any required changes that were recommended upon funding approval given to principal investigator by the Nebraska Water Center.**

This deadline is mandatory, with NO extensions granted. Funds will be returned to the Nebraska Water Center if the deadline is not met on April 21st.

Questions? Please contact Chittaranjan Ray cray@nebraska.edu or Tricia Liedle piedle@nebraska.edu.