



State Water Resources Research Institute Program  
FISCAL YEAR 2022  
REQUEST FOR APPLICATIONS

Under Section 104 of the Water Resources Research Act of 1984, as amended

**CLOSING DATE**  
**October 15, 2021**  
**5:00 PM Eastern Time**

**ELECTRONIC SUBMISSION OF PROPOSALS VIA E-MAIL REQUIRED**  
**(submit to [wwri@mail.wvu.edu](mailto:wwri@mail.wvu.edu))**

**The West Virginia Water Research Institute (WWRI) requests proposals for research expected to be funded from March 1, 2022, through February 28, 2023. Under this announcement, proposals must be submitted to the WWRI in pdf format to [wwri@mail.wvu.edu](mailto:wwri@mail.wvu.edu) by 5:00PM (ET) October 15, 2021. The U.S. Geological Survey (USGS), Department of the Interior, will sponsor the research. Faculty from all West Virginia colleges and universities are encouraged to submit proposals.**

## **A. Program Description**

### **A1. Authority**

This Program Announcement is issued under the provisions of section 104 of the Water Resources Research Act of 1984 (Public Law 98-242), as amended by Public Laws 101-397, 104-147, 106-374, and 109-471. Section 104 of the Water Resources Research Act directs the Secretary of the Interior to administer program grants to Institutes and Centers established under the provisions of section 104(a) of the Act.

#### **Catalog of Federal Domestic Assistance (CFDA) Number**

15.805

### **A2. Background, Purpose and Program Requirements**

#### **INTRODUCTION**

Water Resources Institutes or Centers have been established in each of the 50 states, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, and Guam. The Institute in Guam also serves the Federated States of Micronesia and the Commonwealth of the Northern Mariana Islands. The Institute in Hawaii also serves American Samoa. Responsibility for administration of the State Water Resources Research Institute program has been delegated to the U.S. Geological Survey (USGS). Section 104(b) of the Water Resources Research Act of 1984 requires the Institutes or Centers to:

#### **PROGRAM OBJECTIVES**

(1) "plan, conduct, or otherwise arrange for competent applied and peer reviewed research that fosters –

(A) improvements in water supply reliability;

(B) the exploration of new ideas that –

(i) address water problems; or

(ii) expand understanding of water and water-related phenomena;

(C) the entry of new research scientists, engineers, and technicians into water resources fields; and

(D) the dissemination of research results to water managers and the public.

(2) "cooperate closely with other colleges and universities in the State that have demonstrated capabilities for research, information dissemination, and graduate training in order to develop a statewide program designed to resolve State and regional water and related land problems." The

Act also requires each institute to:

(3) "cooperate closely with other institutes and other organizations in the region to increase the effectiveness of the institutes and for the purpose of promoting regional coordination."

Applications submitted under this Announcement are to be in furtherance of these objectives and promote the national mission and objectives of the U.S. Geological Survey which are focused on providing water quality and quantity information, understanding water availability, addressing the influence of climate on water resources, and responding to water related emerging needs. Specific areas of emphasis are at the discretion of the individual Institute or Center Directors.

### **A3. Areas of Emphasis/Research Priorities for the State of West Virginia**

#### **Drinking Water Protection**

- Bacteria (E.coli and fecal coliform)
- Stream flows: creation of stream flow network for non-USGS gauged streams

#### **Mineral Extraction and Water Quality Compliance**

- TDS management
- Watershed restoration
- Potomac River: Controlling phosphates from Combined Agricultural Feeding Operations
- Mine Pool Management to prevent uncontrolled flooding

#### **Biologicals**

- Fresh water mussels
- TDS effects on the Big Sandy and Guyandotte Crayfish

#### **Economics**

- Determine economic benefits from watershed restoration

#### **Flooding**

- Flooding and dam safety
- Flood prediction
- Climate change resiliency for water infrastructure

#### **Policy options proven to protect water resources that could help WV**

- Data to support policy options

#### **Outreach and Education**

- Watershed health
- Citizen monitoring
- Establishing resources and providing technical assistance to water treatment plant operators

#### **Other Criteria for Funding Consideration**

It is important that proposed projects have assistant professors early in their careers on the project (preferably as the PI), the potential for generating peer-reviewed publications, student training, and information transfer. Research in social sciences and information transfer activities may also be supported. Proposals that focus on preliminary explorations of innovative research areas will receive special consideration.

#### **Projects that contain one or more of the following will be given higher consideration for funding:**

- Use of existing data that results in acceptance of a paper by a peer-review journal for publication as a project deliverable will be given higher consideration.
- The principal investigator is an entry level, junior, assistant professor.
- One or more students, undergraduate or graduate, are engaged in the project.

## **B. Award Information**

### **B1. Total Funding**

**Estimated Total Funding**

\$ 125,000

### **B2. Award Amount**

**Maximum**

Award \$ 40,000

**Minimum Award**

\$ 10,000

### **B3. Anticipated Award Funding and Dates**

**Anticipated Award Date**

March 1, 2022

### **B4. Number of Awards**

**Expected Number**

**of Awards 3-5**

## **C. Eligibility Information**

### **C1. Eligible Applicants**

**Eligible Applicants**

Applications to USGS will be accepted only from Institutes or Centers established pursuant to the provisions of Section 104 of the Water Resources Research Act (WRRRA) of 1984, as amended. The applicant may consider project proposals only from faculty members or affiliates at institutions of higher education in its State.

*Therefore - for this West Virginia RFP - eligible applicants are faculty members or affiliates at institutions of higher education in the State of West Virginia. WVWRI will submit selected proposals to USGS pursuant of Section 104b funding through WRRRA.*

## C2. Cost Sharing or Matching

Colleges and universities receiving research grants must provide a 2:1 match (\$2 cost-share for every \$1 Federal). Matching funds are to be obligated during the period of performance. Matching funds in excess of the required 2:1 non-Federal:Federal match are acceptable. Signed letters of cost-share commitment must be submitted as per the instructions in this RFP.

Investigators are encouraged to solicit co-sponsors for their research to meet the matching requirement. Matching funds may contain indirect costs and non-federal salaries and benefits. The applicant's negotiated indirect cost rate (NICR) may be applied to both qualifying Federal and non-Federal direct costs, and the result used to satisfy part of the matching requirement under the non-federal share. The NICR shall not be applied to tuition and equipment costs. **Federal funds shall not be used to pay indirect costs.**

### Calculating Indirect Costs

The following is an example with a university or college research indirect cost rate of 50.0%:

Cost Category	Federal	Non-Federal	Total
<b>Total Direct Costs</b>	\$10,000	\$10,000	\$20,000
<b>INDIRECT COSTS</b>			
Indirect costs on Federal Share:	N/A	\$5,000	\$5,000
Indirect costs on Non-Federal Share:	N/A	\$5,000	\$5,000
<b>Total Indirect Costs</b>	\$0.00	\$10,000	\$10,000
<b>TOTAL ESTIMATED COSTS</b>			
<b>Total Direct Costs + Total Indirect Costs:</b>	\$10,000	\$20,000	\$30,000

A Non-Federal:Federal match of 2:1 requires \$20,000 in cost-share match for \$10,000 requested from USGS .

At a 50.0% university or college research indirect cost rate, the value of indirect costs on the Federal portion of \$10,000 = \$5,000 ( $\$10,000 \times 0.50 = \$5,000$ ) and the value of indirect costs on the non-Federal portion of \$10,000 = \$5,000 ( $\$10,000 \times 0.50 = \$5,000$ ) for a grand total in indirect costs of \$10,000.

## C3. Other

### APPLICATIONS NOT ELIGIBLE FOR FUNDING

- A. Applications for research on health effects involving human subjects.
- B. Applications for research involving oceanography (estuarine research applications are acceptable).
- C. Applications for research that do not meet program objectives outlines in section II.
- D. Applications submitted by an Institute or Center that has not met reporting requirements on a previous award by the USGS.
- E. Federal employees may, and are encouraged to, collaborate with college or university investigators in this program.
- F. Federal employees may not serve as a principal investigator, but may serve as a Co-principal investigator.
- G. Federal employees and agencies may not receive federal funds for any purpose under these awards.
- H. Federal employees and agencies may not serve as a source of matching funds under these awards.

## D. Overview and Requirements

### Project Duration

Projects may only be one year in duration and will not be extended beyond one year. Projects will be funded dependent upon available funds from the sponsoring agency, the U.S. Geological Survey.

### Follow-on Leveraged Funding

Applicants who are selected to receive funding for their project are encouraged to use project results to leverage additional funds from other sources for follow-on work in 2021 and beyond.

### Peer-Reviewed Journal Articles

Applicants who receive funding for their projects are encouraged to submit a paper on the project to a peer-reviewed journal for publication within one year of project completion. Applicants who have previously applied to USGS 104b program solicitations and have successfully received funding for their project(s) are required to submit their list of publications on their USGS 104b-funded project(s) as a criteria for consideration for funding in 2022.

### Contacts

Inquiry	Name	Telephone	E-mail
Research priorities, research program, technical merit	Paul Ziemkiewicz	304-293-6958	<a href="mailto:Paul.Ziemkiewicz@mail.wvu.edu">Paul.Ziemkiewicz@mail.wvu.edu</a>
Proposal content, budgeting, cost-share match, indirect/overhead rates, letters of intent, submission	Melissa O'Neal	304-293-7006	<a href="mailto:Moneal@mail.wvu.edu">Moneal@mail.wvu.edu</a>

### Time Line

The schedule for developing the FY 2022 Program is as follows:

- October 15, 2021 5 PM Deadline for submitting proposals in pdf format to: [wwwri@mail.wvu.edu](mailto:wwwri@mail.wvu.edu)
- November 5, 2021 West Virginia Water Advisory Committee for Water Research completes proposal evaluations and makes selections to forward to U.S. Geological Survey; applicants notified
- January 15, 2022 Selected proposals sent to USGS for funding consideration
- March 1, 2022 USGS funding arrives at West Virginia Water Research Institute and is disbursed to USGS-selected project recipients within 30 days

## **Reporting**

The Principal Investigator(s) of the successful proposal(s) will be obligated to:

- Engage monthly with WVVRI Outreach Coordinator to provide updates (and photos) on activities, field-work, and project specific outreach for WVVRI social media.
- Submit a final report of the project to the WVVRI Director. The final report will be due May 15, 2023, and must include:
  - Synopsis of the project
  - Products (including publications submitted as pending and/or accepted for publication)
  - Information transfer
  - Student support (number of students supported with USGS 104b and matching funds)
  - Notable achievements and awards

## **Acknowledgment of Support**

The recipient is responsible for assuring that an acknowledgment of USGS support:

1. is made in any publication (including World Wide Web pages) of any material based on or developed under this Agreement, in the following terms:

This material is based upon work supported by the U.S. Geological Survey under Grant/Cooperative Agreement No. (contact Melissa O'Neal for Grant/Cooperative Agreement number).

2. is orally acknowledged during all news media interviews, including popular media such as radio, television and news magazines.

## **Disclaimer**

Recipient is responsible for assuring that every publication of material (including World Wide Web pages) based on or developed under this Agreement, contains the following disclaimer:

*The views and conclusions contained in this document are those of the authors and should not be interpreted as representing the opinions or policies of the U.S. Geological Survey. Mention of trade names or commercial products does not constitute their endorsement by the U.S. Geological Survey.*

## **Publications**

Publication of the results of any project carried out under this assistance award is authorized in professional journals, trade magazines, or may be made by the USGS. Such manuscripts or publications submitted to journals or professional publications for publication shall be accompanied by the following notation:

*This manuscript is submitted for publication with the understanding that the United States Government is authorized to reproduce and distribute reprints for Governmental purposes.*

## **Copies for USGS**

Recipient is responsible for assuring that the WVVRI and USGS Project Office is provided access to, either electronically or in paper form, a copy of every publication planned for publication simultaneously with its submission for publication. One reprint of each published article shall be submitted to the USGS Project Office immediately following publication.

## **Department of the Interior Requirements**

Two copies of each publication produced under a Grant or Cooperative Agreement shall be sent to the Natural Resources Library with a transmittal that identifies the sender and the publication. Contact Melissa O'Neal for assistance.

### **The address of the library is:**

U.S. Department of the Interior Natural Resources Library  
Division of Information and Library Services  
Gifts and Exchange Section  
18th and C Streets, NW  
Washington, DC 20240

## **E. Instructions for Proposal Preparation and Submission**

**Proposals must be submitted to e-mail address: [wwri@mail.wvu.edu](mailto:wwri@mail.wvu.edu) by 5:00 PM Eastern Time, October 15, 2021.**

NOTE: Only those proposals submitted by October 15, 2021, 5:00 PM Eastern Time deadline will be considered for selection by the West Virginia Advisory Committee for Water Research.

Each application shall be prepared and submitted following the specific instructions provided below. The proposal may be prepared using the word processing software of choice but must be converted to a pdf format before being submitted. Use Times New Roman, 12-point font.

Each proposal shall consist of the following elements. There are 12 elements: A-L. Each element is to start as a new section on a new page. All 12 elements are to be consolidated and included in a single pdf document and e-mailed to [wwri@mail.wvu.edu](mailto:wwri@mail.wvu.edu) by 5:00 PM Eastern Time October 15, 2021.

### **A. COVER PAGE**

The Cover Page shall not exceed 1 single-spaced page; Times New Roman; 12-point font

Title. Concise but descriptive.

Project Type. Choose from the following: Research, Information Transfer, Information Management System, Education, or Other (please specify).

Focus Categories. Choose a maximum of three focus categories from the list provided (Attachment A), with the most preferred focus category first.

Research Category. Choose from the following the one category that most closely applies: Water Scarcity and Availability, Water Hazards and Climate Variability, Water Quality, Water Policy, Planning, and Socioeconomics, Watershed and Ecosystem Function, Water Technology and Innovation, or Workforce Development and Water Literacy.



Keywords. Enter keywords of your choice descriptive of the work.

Start Date. Enter the actual beginning date for the project.

End Date. Enter the estimated end date for the project.

Principal investigator(s). Provide name, academic rank, university, email address and phone number of the principal investigators.

Congressional District of the university where the work is to be conducted.

## **B. ABSTRACT**

" Vj g'Cduwt cev'tij cmlpqv'gzeggf '3'ulpi ng/ur cegf 'r ci g=Vlo gu'P gy 'Tqo cp=34/r qlpv'hqpv  
Provide a brief (one-page) description of the problem, methods, and objectives.

## **C. PROPOSAL TEXT**

**The Proposal Text should not exceed 10 single-spaced pages; Times New Roman; 12-point font. Include the following:**

- **Title.** Please use the same title as on the cover page.
- **Statement of results or benefits.** Specify the type of information that is to be gained and how it will be used.
- **Nature, scope, and objectives of the project, including a timeline of activities.**
- **Methods, procedures, and facilities.** Provide enough information to permit evaluation of the technical adequacy of the approach to satisfy the objectives.
- **Related research. (Research projects only)** Show by literature and communication citations the similarities and dissimilarities of the proposed project to completed or on-going work on the same topic.
- **Training potential.** Estimate the number of graduate and undergraduate students, by degree level, who are expected to receive training in the project.

## **D. DATA MANAGEMENT PLAN (DMP)**

**The DMP should not exceed 1 single-spaced page, Times New Roman, 12-point font**

The DMP should describe how the proposal will conform to USGS policy on the dissemination and sharing of research results and associated data. A valid DMP may include only the statement that no detailed plan is needed (e.g. "No data are expected to be produced from this project.") as long as the statement is accompanied by a clear justification. The DMP may include:

- the types of data, samples, physical collections, software, curriculum materials, and other materials to be produced in the course of the project;
- the standards to be used for data and metadata format and content (where existing standards are absent or deemed inadequate, this should be documented along with any proposed solutions or remedies);
- policies for access and sharing including provisions for appropriate protection of privacy, confidentiality, security, intellectual property, or other rights or requirements;
- provisions for re-use, re-distribution, and the production of derivatives; and
- plans for archiving data, samples, and other research products, and for preservation of free public access to them.

Collaborative proposals and proposals that include sub-awards are a single unified project and should include only one supplemental combined DMP by the lead PI that also addresses all sub-award data management needs, regardless of the number of non-lead collaborative proposals or sub-awards included.

## **E. RESUMES OF INVESTIGATOR'S QUALIFICATIONS**

**Each Resume should not exceed 2 pages, Times New Roman, 12-point font. Do not list more than 15 pertinent publications.**

Include Resume (s) of the principal investigator(s). No resume shall exceed two pages or list more than 15 pertinent publications. **If previously funded through the USGS 104b program, indicate which publications are associated with the USGS 104b-funded project(s).**

## **F. MATCHING COST-SHARE LETTERS OF COMMITMENT**

**One page per cost-share letter; Times New Roman, 12-point font**

Letter(s) of cost-share commitment on letterhead signed by the authorized person at your institution of higher education must contain the dollar value of cash and/or in-kind services committed to the project. Letters are to be scanned and included as an element in your proposal package. **Please be sure that the scanned documents are legible. Federal employees and agencies may not serve as a source of matching funds under these awards.**

## **G. SUB-RECIPIENT LETTERS OF INTENT**

For proposals that include a sub-recipient (contractor), a letter of intent from the proposed sub-recipient that includes level of commitment (number of hours and hourly rate), the value of commitment (total monetary value of cash or in-kind), and duration of commitment (period of performance) on letterhead with signature is required. Letters are to be scanned and included as an element in your proposal package.

## **H. INDIRECT COST RATE**

Federal funds cannot be used to pay indirect costs. However, matching funds may contain indirect costs for the value of direct costs of both Federal and matching funds. (Refer to Attachment B.) Applicants outside West Virginia University must provide a scanned copy of the approved indirect cost rate agreement or other documentation to support the proposed indirect cost rate of their institute of higher education and included as an element in your proposal package.

## **I. CONFLICT OF INTEREST DISCLOSURE**

Per the Financial Assistance Interior Regulation (FAIR), [2 CFR §1402.112](#), applicants must state in their application if any actual or potential conflict of interest exists at the time of submission.

### *(a) Applicability.*

(1) This section intends to ensure that non-Federal entities and their employees take appropriate steps to avoid conflicts of interest in their responsibilities under or with respect to Federal financial assistance agreements.

(2) In the procurement of supplies, equipment, construction, and services by recipients and by subrecipients, the conflict of interest provisions in 2 CFR 200.318 apply.

### *(b) Notification.*

(1) Non-Federal entities, including applicants for financial assistance awards, must disclose in writing any conflict of interest to the DOI awarding agency or pass-through entity in accordance with 2 CFR 200.112.

(2) Recipients must establish internal controls that include, at a minimum, procedures to identify, disclose, and mitigate or eliminate identified conflicts of interest. The recipient is responsible for notifying the Financial Assistance Officer in writing of any conflicts of interest that may arise during the life of the award, including those that have been reported by subrecipients.

*(c) Restrictions on lobbying.* Non-Federal entities are strictly prohibited from using funds under a grant or cooperative agreement for lobbying activities and must provide the required certifications and disclosures pursuant to 43 CFR part 18 and 31 U.S.C. 1352.

*(d) Review procedures.* The Financial Assistance Officer will examine each conflict of interest disclosure on the basis of its particular facts and the nature of the proposed grant or cooperative agreement, and will determine whether a significant potential conflict exists and, if it does, develop an appropriate means for resolving it.

*(e) Enforcement.* Failure to resolve conflicts of interest in a manner that satisfies the government may be cause for termination of the award. Failure to make required disclosures may result in any of the remedies described in 2 CFR 200.338, Remedies for noncompliance, including suspension or debarment (see also 2 CFR part 180).

## **J. OVERLAP OR DUPLICATION OF EFFORT STATEMENT**

Applicants must provide a statement indicating if there is any overlap between this Federal application and any other Federal application, or funded project, in regards to activities, costs, or time commitment of key personnel. If no such overlap or duplication exists, state, "There are no overlaps or duplication between this application and any of our other Federal applications or funded projects, including in regards to activities, costs, or time commitment of key personnel". If any such overlap exists, provide a complete description of overlaps or duplications between this proposal and any other federally funded project or application in regards to activities, costs, and time commitment of key personnel, as applicable. Provide a copy of any overlapping or duplicative proposal submitted to any other potential funding entity and identify when that proposal was submitted, to whom (entity name and program), and when you anticipate being notified of their funding decision. The statement and the description of overlap or duplication, when applicable, may be provided within the proposal or as a separate attachment to the application. If at any time a proposal is awarded funds that would be overlapping or duplicative of the funding requested from USGS, the applicant must immediately notify the USGS point of contact. Any overlap or duplication of funding between the proposed project and other active or anticipated projects may impact selection and/or funding amount.

## **K. BUDGET**

**Request budget template from [wvwri@mail.wvu.edu](mailto:wvwri@mail.wvu.edu)  
Excel budget template is required for proposal submission.**

Note:

Use federal mileage rate \$0.56/mile for travel  
\$15.00/hr minimum rate for all employees and subcontractors

## **L. BUDGET JUSTIFICATION**

**Download budget justification form [here](#).**

## **PROPOSAL SUBMISSION CHECKLIST**

**Each application must contain the following elements in a single pdf document.  
Applications are to be e-mailed to: [wvwri@mail.wvu.edu](mailto:wvwri@mail.wvu.edu).  
Applications must be e-mailed by 5:00 PM Eastern Time October 15, 2021.**

- Element A:** Cover Page
- Element B:** Abstract
- Element C:** Proposal Text
- Element D:** Data Management Plan
- Element E:** Resumes
- Element F:** Matching Cost-share Letter(s) of commitment
- Element G:** Letter(s) of intent from proposed sub-recipient(s), if applicable
- Element H:** Indirect Cost Rate, if applicable (Refer to Attachment B)
- Element I:** Conflict of Interest Disclosure
- Element J:** Overlap or Duplication of Effort Statement
- Element K:** Budget (include screenshot on single page and send excel spreadsheet as an attachment)
- Element L:** Budget Justification

## E. Application Review Information

### E1. Review and Selection Process

The West Virginia Advisory Committee for Water Research will review the proposals. The Advisory Committee, after considering the merit of a proposal, will make recommendations for funding to the Director of the West Virginia Water Research Institute. The Institute Director, giving due consideration to the available funding and the requirements of the funding agency (USGS), will develop a coherent research program and submit it to USGS to consider for review and approval.

Evaluation criteria include:

- Importance of proposed research: Proposal addresses one or more State emphasis area(s)/ research priority(ies).
- Potential for success: Proposed project includes methods for competent applied and peer-reviewed research by fostering improvements in water supply reliability, exploration of new ideas that address water problems, or expands understanding of water and water-related phenomena.
- Potential to expand water quality expert base: Fosters the entry of new research scientists, engineers, and technicians into water resources fields.
- The proposal includes a solid plan for disseminating research results to water managers and the public via peer-reviewed journal articles and conference presentations; previously funded USGS 104b project researchers have a successful record of USGS 104b project results published in peer-reviewed journals.
- Qualifications of researchers: Project investigator(s) have demonstrated capabilities for research, information dissemination, and graduate training to complement the State program designed to resolve State and regional water and related land problems.
- The proposed project increases cooperative interaction with higher education institutes within the State of West Virginia.
- The proposed budget is adequate for the proposed project, including matching funds.

## ATTACHMENT A: Focus Categories

ACID DEPOSITION	ACD
AGRICULTURE	AG
CLIMATOLOGICAL PROCESSES	CP
CONSERVATION	COV
DROUGHT	DROU
ECOLOGY	ECL
ECONOMICS	ECON
EDUCATION	EDU
FLOODS	FL
GEOMORPHOLOGICAL PROCESSES	GEOMOR
GEOCHEMICAL PROCESSES	GEOCHE
GROUNDWATER	GW
HYDROGEOCHEMISTRY	HYDGeo
HYDROLOGY	HYDROL
INVASIVE SPECIES	INV
IRRIGATION	IG
LAW, INSTITUTIONS, AND POLICY	LIP
MANAGEMENT AND PLANNING	M&P
METHODS	MET
MODELS	MOD
NITRATE CONTAMINATION	NC
NON POINT POLLUTION	NPP
NUTRIENTS	NU
RADIOACTIVE SUBSTANCES	RAD
RECREATION	REC
SEDIMENTS	SED
SOLUTE TRANSPORT	ST
SURFACE WATER	SW
TOXIC SUBSTANCES	TS
TREATMENT	TRT
WASTEWATER	WW
WATER QUALITY	WQL
WATER QUANTITY	WQN
WATER SUPPLY	WS
WETLANDS	WL

**ATTACHMENT B: Indirect Cost Rate (applicable ONLY to Colleges/Universities outside of West Virginia University)**

Required Indirect Cost Statement to be submitted with Application All organizations must include the applicable statement from the following list in their application, and attach to their application any documentation identified in the applicable statement:

We are:

A U.S. state or local government entity receiving more than \$35 million in direct Federal funding each year with an indirect cost rate of [insert rate]. We submit our indirect cost rate proposals to our cognizant agency. Attached is a copy of our most recently approved rate agreement/certification.

A U.S. state or local government entity receiving less than \$35 million in direct Federal funding with an indirect cost rate of [insert rate]. We have prepared and will retain for audit an indirect cost rate proposal and related documentation.

A [insert your organization type; U.S. states and local governments, do not use this statement] that has previously negotiated or currently has an approved indirect cost rate with our cognizant agency. Our indirect cost rate is [insert rate]. [Insert either: "Attached is a copy of our most recently approved but expired rate agreement. In the event an award is made, we will submit an indirect cost rate proposal to our cognizant agency within 90 calendar days after the award is made." or "Attached is a copy of our current negotiated indirect cost rate agreement."]

A [insert your organization type] that has never submitted an indirect cost rate proposal to our cognizant agency. Our indirect cost rate is [insert rate]. If we receive an award, we will submit an indirect cost rate proposal to our cognizant agency within 90 calendar days after the award date.

A [insert your organization type] that has never submitted an indirect cost rate proposal to our cognizant agency and has an indirect cost rate that is lower than 10%. Our indirect cost rate is [insert rate; must be lower than 10%]. However, if we receive an award we will not be able to meet the requirement to submit an indirect cost rate proposal to our cognizant agency within 90 calendar days after award. We request as a condition of award to charge a flat indirect cost rate of [insert rate; must be lower than 10%] against [insert a clear description of the direct cost base against which your rate is charged (e.g., salaries; salaries and fringe benefits; or modified total direct costs). However, please note that your organization cannot charge indirect costs in excess of the indirect costs that would be recovered if applied against modified total direct costs as defined in §2 CFR 200.68]. We understand that we must notify USGS in writing if we establish an approved rate with our cognizant agency at any point during the award period.

A [insert your organization type] that has never submitted an indirect cost rate proposal to our cognizant agency and has an indirect cost rate that is 10% or higher. Our indirect cost rate is [insert your organization's indirect rate; must be 10% or higher]. However, if we receive an award we will not be able to meet the requirement to submit an indirect cost rate proposal to our cognizant agency within 90 calendar days after award. We request as a condition of award to charge a flat de minimis indirect cost rate of 10% to be charged against modified total direct project costs as defined in 2 CFR §200.68. We understand that we must notify USGS in writing if we establish a negotiated rate with our cognizant agency at any point during the award period. We understand that additional Federal funds may not be available to support an unexpected increase in indirect costs during the project period and that such changes are subject to review, negotiation, and prior approval by USGS.

A [insert your organization type] that is submitting this proposal for consideration under the "Cooperative Ecosystem Studies Unit Network", which has a Department of the Interior-approved indirect cost rate cap of 17.5%. If we have an approved indirect cost rate with our cognizant agency, we understand that we must apply this reduced rate against the same direct cost base as identified in our approved indirect cost rate agreement per 2 CFR §1402.414. If we do not have an approved indirect cost rate with our cognizant agency, we understand that we must charge indirect costs against the modified total direct cost base defined in 2 CFR §200.68 "Modified Total Direct Cost (MTDC)". We understand that we must request prior approval from USGS to use the 2 CFR 200 MTDC base instead of the base identified in our approved indirect cost rate agreement. We understand that USGS approval of such a request will be based on: 1) a determination that our approved base is only a subset of the MTDC (such as salaries and wages); and 2) that use of the MTDC base will still result in a reduction of the total indirect costs to be charged to the award. In accordance with 2 CFR §200.405, we understand that indirect costs not recovered due to a voluntary reduction to our federally negotiated rate are not allowable for recovery via any other means.

A [insert your organization type] that will charge all costs directly.