

REQUEST FOR PROPOSALS (RFP)

Environmental Engineering Specialist

Planning Activities – EPA Region 3 Thriving Communities / GHFI Tier II Planning Grant

1. Purpose of the RFP

Eastern WORCS is seeking qualified contractors, technical specialists, and environmental modeling experts to participate in this project. Contractor's responsibilities include nitrogen load projection, soil and stream health schematic development, and technical support for remediation frameworks that will feed into multiple project outputs.

2. Background

The project aims to reduce nitrogen pollution from poultry CAFOs in West Virginia's Potomac Highlands and to develop a profitable ecological-economic model for remediation and circular food systems. The project will identify the need for technical modeling, environmental schematics, and projected nitrogen reductions that can support downstream accounting, restorative interventions, and economic valuation.

3. Scope of Work

A. Nitrogen Load Reduction Modeling – Air & Water Systems

B. Contractor will :

1. Conducting nitrogen load reduction projections for air and water filtration systems at scale.
2. Developing model-based estimates for pollutant removal efficiencies under various operational scenarios.

B. Soil and Stream Health Restoration Schematics

Scope includes:

1. Developing schematics that trace soil and stream nitrogen pathways relevant to manure field application and runoff.
2. Modeling interactions between manure spread practices, soil nutrient cycles, and downstream stream impacts.

C. Technical Framework Integration for Remediation (Intervention 3)

Contractor tasks:

1. Providing modeling inputs for the framework of stream restoration as remediation.
2. Supporting technical analysis tying nitrogen load reductions to measurable ecosystem responses.

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D. Support to Soil and Water Health Indicator Development

Contractor responsibilities include:

1. Modeling pollutant movement through soil layers and hydrologic systems.
2. Supporting development of soil and water health indicators to accompany nitrogen management planning.

4. Deliverables

Contractor(s) will produce:

1. Nitrogen load projection models (air & water)
2. Soil and stream nitrogen-flow schematics
3. Technical modeling documentation
4. Environmental modeling memos supporting remediation accounting
5. Participation in technical meetings and integration sessions

All deliverables may be submitted in Word, PDF, spreadsheets, diagrams, or modeling files.

5. Proposal Requirements

Applicants must submit:

1. Cover Letter including:
 - o Summary of expertise
 - o Past performance in environmental modeling or agricultural systems
2. CV/Resume of key personnel
3. Completed Proposal Form (attached to RFP package)

6. Evaluation Criteria

Proposals will be evaluated on:

- Demonstrated technical expertise in nitrogen modeling, hydrology, or environmental engineering
- Familiarity with CAFO systems, nutrient management, or watershed science
- Quality and feasibility of proposed methodologies
- Cost effectiveness
- Ability to meet required timelines

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7. Submission Instructions

Submit all proposals electronically to:

Robert Burns
Director of Non-Profits
Eastern Workforce Opportunity Regional Center and Services
Email: robert.burns@easternwv.edu

Deadline: 4 PM, December 18th, 2025

8. Project

Project-related scopes correspond to the work plan, depending on the specific task. Start dates will be coordinated following the award.

9. Questions

Submit questions via email. Responses will be provided to all interested applicants.

RFP for Environmental Specialist Required Form

Name of Organization:

Mailing Address:

RFP Checklist:

Cover Letter with a summary of expertise and past performance, if applicable.
Copies of Key Personnel's latest CVs or Resumes

I, the undersigned, attest to the organization's willingness to do the work described in the RFP for the cost of _____, with a breakout budget attached (understanding that this amount must cover all related personnel costs, travel, and other expenses related to my organization's participation in the described project).

Initial

I, the undersigned, attest to the organization's understanding that a Federal Grant funds this project and that the Federal Government has the right to cancel this grant. Such cancellations will not require EWORCS to pay for any unpaid work or work that occurs after the cancellation date.

Initial

Signature of the CEO or Director of the Organization

Print Name of CEO or Director of the Organization:

Date: