

Bureau of Reclamation
Notice of Funding Opportunity
WaterSMART Cooperative Watershed Management Program
Funding Opportunity Number
R26AS00349

Eligible Planning and Project Design Activities

Project activities leading to construction plans and specifications must be reviewed and approved by a professional registered in the appropriate engineering/architectural discipline. If your project is selected for funding, you will be required to submit a copy of design documents to Reclamation together with your final performance report (see Reporting) In general, planning and design activities for the implementation of a watershed management or restoration project can include, but is not limited to, the following:

- **Evaluation of site alternatives and selection of project site.** Tasks may include
 - Conducting monitoring, measurement, or other fieldwork needed to inform project design
 - Project site evaluation, including surveying and measurement
 - Resource inventory and evaluation
 - Applicable soil and water sampling

Note: Ground disturbing activities will require environmental and cultural compliance.

- **Development of project requirements and evaluation of design alternatives.** Tasks may include:
 - Developing design criteria and standards
 - Designing alternatives analysis and decision matrix
 - Stakeholder outreach activities directly linked to project design such as public meetings, etc.
 - Conducting Value Engineering/Value Planning/Value Analysis workshops
 - Analyses considering baseline (no action) and proposed design alternatives evaluation including:
 - Hydrologic analysis for project site
 - Hydraulic modeling
 - Wetland evaluation
 - Endangered species assessment
 - Cultural resources research and survey
 - Geotechnical investigation
- **Preparation of final design drawings and specifications for the construction of the project.** Tasks may include:

- Develop basis of design documentation
- Site-specific design and engineering associated with the project
- Revegetation plan, including a schedule and selected species to be planted
- Develop manufacturing and construction plans and specifications up to the 90% final design level.
- Analyze means and methods for construction at the project site and identify constraints
- **Evaluation of economic conditions, preparation of project cost estimates, and development of project implementation plan.** Tasks may include:
 - Analyzing markets and materials (including domestic sources),
 - Developing an estimate of probable construction cost
 - Developing project implementation plan, budget, and milestones for completing the project
- **Legal and Institutional Requirements Research.** Task may include:
 - Researching legal and institutional requirements; permitting and environmental compliance; land ownership and necessary easements; and state and/or local requirements with the potential to affect implementation of the project.
 - Researching the impacts of any proposed projects on contractual water and power supply obligations, water rights, Tribes, and other area stakeholders.
 - Consulting with Reclamation regarding potential environmental compliance

While the Build America Buy America Act is a requirement specific to infrastructure projects, applicants are encouraged to consider Reclamation's focus on advancing the objectives of using American-made products and materials and building domestic manufacturing when initiating the planning and design of projects.