



Nature Abounds
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January 29, 2015

Request for Proposals

Summary and Background

Nature Abounds is a national environmental nonprofit based in DuBois, Pennsylvania with several signature programs including the Senior Environment Corps (SEC). Nature Abounds is seeking a contractor to build a website for the Pennsylvania SEC including water monitoring database.

Proposal Guidelines

Proposals will be accepted through the close of business on Friday, February 13, 2015. Questions should be directed to Jim at jim@natureabounds.org.

Project Purpose and Description

The chosen contractor will work with Nature Abounds staff to build a dynamic website that works in conjunction with the database. See “Project Scope” for more details.

Project Scope

Website will be organized into several sections and visitors will be able to move throughout the website with ease. Sections will include, (but not limited to):

- About the SEC and Nature Abounds pages
- SEC chapters will have individual webpages (approximately 20 SEC chapters currently with more being added regularly)
- SEC Program pages (water monitoring, environmental education, etc...)
- How to Become a SEC Host page
- How to Sponsor the SEC program page
- Training pages for manuals and videos
- Events Calendar
- Contact Us page

Website will have a Map (live data markers) and drop-down features, allowing visitors to find information by state, SEC name, or by stream name.

Website will have portal functionality to link to the database including log-in section and forms. Forms will include (but not limited to):

- Registration,
- Log-in,
- Site Description,
- Chemical Analysis,
- Bio-survey,

- Miscellaneous forms (Bacterial monitoring, AMD monitoring, Data-loggers, Assessments – Riparian, CREPS and EPA 319 sites).

Some forms will require mathematical equations and the database will need to have some importing capability.

Information in the database will need to be accessible by query and search options. Reporting capabilities are also needed.

Backend functions will be needed including (but not limited to): Log-ins with permission levels, red flags for parameter ranges, and a link to the national WQX database.

For examples, please see the following websites:

- <http://www.iowadnr.gov/Environment/WaterQuality/WaterMonitoring/IOWATER.aspx>
- <http://watermonitoring.uwex.edu/index.html> .

Project Timeline

Work is planned to begin by the end of February 2015 and project should be complete by close of business on April 17, 2015.

Bidder Qualifications

Contractor should have:

- Registered as a PA State Contractor (or be willing to register as one)
- Experience with building water monitoring databases and website portals
- Experience or familiarity with the national WQX database is a bonus, but not mandatory

Proposal Evaluation Criteria

This is a competitive bidding process. Nature Abounds reserves the right to extend the deadline for proposals if needed.