



Request for Proposal for Database Development

Introduction

The Mountain Association for Community Economic Development, Inc. (MACED) is a private, nonprofit corporation. MACED's mission is to work with people in Kentucky and Central Appalachia to improve the quality of life by creating economic opportunity, strengthening democracy and supporting the sustainable use of natural resources.

In order to ensure that our work is having the impacts we seek, MACED collects data on our internal and external work. Currently, we utilize an SQL database developed in-house. We are seeking a qualified individual to develop a new internal database that allows us to collect, track and compile our data into reports.

Project Description

The Development Impact Data System (DIDS) is the primary means by which MACED tracks its progress towards its annual and long-term goals. Each year, work teams create 3-5 goals, each with 1-3 indicators that are used to track internal and external impacts. Some examples of data collected include: number of retrofits facilitated; total capital deployed; number of new staff hired; etc. For FY2013, our 11 teams had a total of 49 goals and 85 indicators.

Some of these indicators also tie into our Five Year Plan; Five Year Plan indicators must remain consistent from year to year to show long-term progress. The Five Year Plan organizes our program teams into four sectors (Energy, Entrepreneurship, Forestry and Research and Policy). Twenty-two of the 85 annual indicators feed into the Five Year Plan.

The new database design will enable users to enter in their data into a clear, easy-to-use web interface. It will also be able to create reports that, among other things, compile both annual data and Five-Year Plan data.

Scope of Work

The developer will:

- create both a back-end and web enabled front-end data tracking program using the following languages:
 - asp.Net with C# code behind.
 - Utilizing MS SQL server 2008.
 - MS SQL Stored Procedures and Views.
 - MS SQL relational table structures.
- create a user-friendly data-entry interface based on predetermined guidelines;
- develop 5-8 reporting templates;
- respond to feedback from key staff;
- instruct key staff on the use and maintenance of the system.

This is a one-time project; ongoing management of the system will be the responsibility of MACED. The project should be done within two months of the beginning of the contract.

Proposal Requirements

A proposal should include the following information:

- Current resume
- Experience in past database development
- Known programming languages
- Other qualifications
- Quote

Please send proposals to Carrie Ray at cray@maced.org. Proposals will be accepted until a suitable candidate is found.

For more information, contact Carrie Ray at cray@maced.org or 859-986-2373.