

Access Database Project Assistant
UW-Madison Department of Civil & Environmental Engineering
Construction and Materials Support Center

This is a part time position requiring approximately 10 to 15 hours per week depending upon applicant's schedule. The project will last through June 30, 2010 and the position is classified as student hourly at \$12.50 per hour. Work location is flexible but will require meetings at the Wisconsin DOT offices located at 4802 Sheboygan Ave, Madison.

Position Summary:

The Construction and Materials Support Center currently has a project with the Wisconsin Department of Transportation to update their Consultant Management Database and assist in the transition from Microsoft Office Access 2000 to Access 2007. The original database was designed in Access 2000 and in converting to Access 2007 many of the macros are not functioning properly. These need to be reviewed and rewritten to restore functionality. In addition the database needs to be examined and converted to take advantage of the functionality of Access 2007. The existing database was designed with numerous levels of security regarding the specific data and tables. This security coding is hampering the use of the database and also needs to be updated and redesigned.

General Duties:

- Troubleshoot existing macros and redo as needed to restore functionality
- Redesign the security levels currently embedded in the program
- Develop queries to produce specific data reports and analysis
- Design front-end data entry screens to capture new data fields

Required Knowledge:

- Extensive knowledge of Microsoft Works Access 2000, 2003, and 2007
- Experience with designing macros and queries for Microsoft Access
- Ability to program in Microsoft Visual Studio

Application:

Please submit a resume, job experience and references by August 24, 2009 to:

Gary C. Whited

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