

Example

Prequalification Sheets

For

Division of Highway Design Categories

Rural Roadway Design

Urban Roadway Design

Surveying

Photogrammetry

Advanced Traffic Engineering Design

Various Utility Design Categories

Water & Sewer Design: Level 1

STAFFING & PROJECTS

Example section header page

Shawn Roberts, PE



Shawn has been with ACME engineering since 2005 and with two other engineering firms between 1993 and 2005. With ACME, Shawn has served as a designer, lead designer, and project manager on a variety of projects involving utility design and construction. He has experience in designing and preparing construction documents for sanitary sewer (gravity and force), pumping stations, and water supply projects. **Intro paragraph can summarize the credentials of each key staff member related to the prequalification category(s) in which they are included.**

Relevant Project Experience

*KY315 Water and Sewer Relocation

Shawn served as the project manager. This project consisted of the relocation of both water and sewer lines in preparation of the reconstruction KY315.

*Chase Avenue Sanitary Sewer Project, City of Brooks, KY

Shawn was the lead designer on this project which included an 8-inch gravity sanitary sewer collector system that serves 150 residents. It also included 4,000 feet of finch property service connections and 40 manholes.

Church Field Lane Force Main Sanitary Sewer, Laurel, MD

Shawn was the lead designer for this force main upgrade and relocation. The project includes 1800 linear feet of 30-inch sanitary sewer. Additionally, Shawn was also tasked with deed research and acquiring the necessary easements for the project.

Todd Street Pumping Station

Lead designer on a 5-mgd pump station and 750,000 gallon elevated storage tank. Project also included 30,000 linear feet of 16-inch water main. **Include all the details necessary for each project to show that the project is relevant and the roles of the staff person here are clearly identified. There is no limit on the number of applicable projects that can be included but generally 3-10 is sufficient.**

Professional Credentials:

- BSCE, Virginia Tech 1992
- Professional Engineer:
Kentucky
Maryland
- Project Management
Professional (PMP)

Applicable Skills & Training:

- HEC-RAS
- PondPack
- HY-8
- Microstation

Specialized Experience:

- Water distribution and transmission system design
- Wastewater pump stations

Example biography layout. See prequalification instructions for specific requirements. Include all biographies of applicable staff that may likely work on Kentucky projects.

*Indicates that project information sheet is included in prequalification packet.

KY 315 Water and Sewer Relocation

ACME Engineering performed the surveying, design, and construction inspection services for the relocation of both the water and sewer mains. This work was part of the KY315 roadway reconstruction project. Both water and sewer run parallel to the roadway for approximately 7000 feet. Coordination was done with the KYTC utility coordinator and project manager to identify acceptable location within the planned right-of-way footprint.

The new water line was designed as a 12" ductile iron pipe and ties into the existing line at each end. There were eight distribution connections including water meters from the main serving adjacent residential development that were included as part of the run. It also included the design of 5 fire hydrants and 25 gate valves.

The gravity sanitary sewer line is 18" diameter concrete pipe leading to the Laurel wastewater treatment plant. The project also included the construction of five manholes.

Be sure to include details about the firm's role in the project and differentiate that from other (sub) consultant's work on the same project. Technical details about the design are also helpful in showing the firm's experience in this type of work.

Construction began in the September 2013 and was completed in February 2014. ACME oversaw the quality control inspection of the construction.



Firm Role:

Prime (design, construction administration)

Client:

City of Laurel

Completion Year:

2014

Design Fee:

\$120,000

Prequal Criteria Met:

- Gravity distribution sewer main
- Pressurized distribution water main

Key Personnel:

*Shawn Roberts: Project Manager
*Russell Jones: Lead Designer
Edward Michaels: Surveyor
Rodney Johnson : Const. Inspection

Modeling Software Used:

NA

Example project information layout. See prequalification instructions for specific requirements. Include sufficient number of project sheets to demonstrate technical ability in applicable category.

*Resume included