

# SOUTHWEST LICKING COMMUNITY WATER & SEWER DISTRICT

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## Scope of Services

### SWLCWS District Village of Kirkersville Waterline Improvements Project

#### Phase I

1. Provide surveying for water main alignment and necessary easement acquisition for the project
  - a. The survey at minimum shall include:
    - i. Topographic data acquired by GPS along the entire sanitary main alignment using the state plane coordinate system
    - ii. Utility and property lines are to be located along with edge of pavement, ground, fences, and tree lines
    - iii. Benchmarks set at 1000 feet intervals
  - b. Survey, prepare required documentation, and acquire easements needed for the project
    - i. It is anticipated that the consultant will be the easement acquisition agent acting on the behalf of the District
2. Update the existing District water model (WaterGEMS) accordingly
3. Provide geotechnical services as deemed necessary to design the water main
4. Design and prepare detailed plans for submission to the Ohio Environmental Protection Agency. Project plans at minimum must consist of the following:
  - a. Base map using the topographic survey data above
  - b. Detailed drawings of the water main from the connection points on National Road SW and Outville Road SW to the projected end points
  - c. Maintenance of Traffic Plan for any work to be performed within the public right of way.
5. Prepare detailed project specifications and bid documents for the project
6. Monthly budget and design progress meetings accordingly
7. Develop a detailed, itemized construction cost estimate

8. Develop proposed project implementation schedule including permitting, construction, and other related activities
9. Technical support and assistance with review of the final plans and specifications
10. Prepare/submit governmental permits for all structures and respond accordingly. Permitting agencies may include but is not limited to the following:
  - a. Ohio Environmental Protection Agency
  - b. Ohio Department of Transportation
  - c. Village of Kirkersville, Ohio
  - d. Licking County Engineers Office
  - e. Harrison Township, Licking County, Ohio
11. Prepare/submit funding applications for OPWC, OWDA, DEFA, WSRLA, etc.

## Phase II

12. Provide a cost for construction phase professional engineering services including bidding services, contract administration, payment review, shop drawing review, materials testing, as-built drawings, etc. These services shall be considered and awarded at a different time if deemed necessary by the District.