

Task Order No. 23-02
Village of Bristol, Wisconsin (OWNER)
and Strand Associates, Inc.® (ENGINEER)
Pursuant to Agreement for Technical Services dated February 2014

Project Information

Services Name: Leo Living Lift Station Design

Services Description: Provide design services of a new lift station, including drawings and specifications, to serve the Leo Living development and tributary future sanitary service area.

Scope of Services

ENGINEER will provide the following services to OWNER:

1. Incorporate OWNER-provided information into the drawings, as appropriate, including topography, existing and proposed site grades, wetland investigation survey data, geotechnical boring locations, and certified survey map data for the potential lift station site. ENGINEER will not conduct a topographic survey of the potential site for the Leo Living Lift Station.
2. Perform a preliminary lift station design evaluation. Prepare a brief technical memorandum summarizing the design evaluation including a description of the potential project with design criteria, potential impacts to the capacity of the existing downstream collection system, preliminary equipment selection by OWNER, up to two alternatives for lift station layout, and an opinion of probable construction cost (OPCC).
3. Meet with OWNER to review the preliminary design evaluation and technical memorandum and incorporate OWNER comments, as appropriate, into the design documents.
4. Design the Leo Living Lift Station (approximately 700 gallons per minute) and connection to force main designed by others. The proposed lift station is anticipated to consist of a duplex submersible-type lift station with a pre-cast concrete wet well, separate valve and electrical control building, supervisory control and data acquisition, and onsite fixed exterior standby generator with associated automatic transfer switch. Control building is anticipated to maintain separately rated spaces for the electrical equipment and process piping, each maintained by a split cooling/heating system. Design includes site design and utility communication with WE Energies.
5. Attend up to two meetings with OWNER to discuss the project, including a 30 percent design review meeting and a final draft Bidding Document 90 percent plan review meeting.
6. Attend up to four stakeholder meetings to discuss the project with representatives of the Leo Living development and OWNER, as necessary.

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7. Prepare a 30 percent, 90 percent, and prebid OPCC for project and submit to OWNER.
8. Review OWNER-provided force main design and provide comments based on lift station design parameters specific to this project.
9. Review OWNER-provided geotechnical report and incorporate into the Bidding Documents, as appropriate.
10. Provide two hard copy sets of the draft drawings (11-inch by 17-inch) and an electronic copy in portable document format (PDF) for the 30 percent review meeting, and two hard copy sets of draft drawings (11-inch by 17-inch) and technical specifications for the 90 percent review meeting.
11. Prepare Bidding Documents using Engineers Joint Contract Documents Committee C-700 Standard General Conditions of the Construction Contract, 2018 edition, technical specifications, and engineering drawings.
12. Incorporate OWNER review comments, as appropriate, into the draft Bidding Documents and submit two sets and one PDF file of the final Bidding Documents to OWNER.
13. Submit lift station drawings and technical specifications to the Wisconsin Department of Natural Resources for review and approval and assist OWNER in responding to comments and questions.

Service Elements Not Included

In addition to those listed in the associated Agreement for Technical Services, the following service elements are not included in this Task Order. If required, they may be provided through an amendment to this Task Order or through a separate task order.

1. Survey services, including field review of information provided by OWNER.
2. Redesign that may be required if lift station site or projected flows are changed.
3. Force main design.
4. Environmental related services.
5. Bidding-related services.
6. Construction-related services.

Compensation

OWNER shall compensate ENGINEER for Services under this Task Order on an hourly rate basis plus expenses an estimated fee of \$160,000.

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Schedule

Services will begin upon execution of this Task Order, which is anticipated the week of October 16, 2023. Services are scheduled for completion on June 30, 2024.

TASK ORDER AUTHORIZATION AND ACCEPTANCE:

ENGINEER:

STRAND ASSOCIATES, INC.®

OWNER:

VILLAGE OF BRISTOL

Joseph M. Bunker
Corporate Secretary

Date

Michael Farrell
Village President

Date