



Strand Associates, Inc.®

910 West Wingra Drive

Madison, WI 53715

(P) 608-251-4843

Task Order No. 18-03
Village of Grayslake, Illinois (OWNER)
and Strand Associates, Inc.® (ENGINEER)
Pursuant to the Agreement for Technical Services dated September 17, 2014

Project Information

Services Name: Chlorination System Improvements

Services Description: Design, bidding-, and construction-related Services to add a sodium hypochlorite feed system to the existing chlorination room at OWNER's water pumping station.

Scope of Services

ENGINEER will provide the following services to OWNER.

Design Services

1. Provide a field review and a review of OWNER-provided documents for the existing chlorination system layout including feed pump sizing, piping routes, feed points, and controls.
2. Design up to four new feed pumps with flow-paced control for feeding liquid sodium hypochlorite.
3. Design sodium hypochlorite day tank with weight scale for monitoring chemical usage.
4. Develop piping route from existing chemical room to new feed point in the booster pump discharge piping.
5. Prepare Bidding Documents using Engineers Joint Contract Documents Committee C-700 Standard General Conditions of the Construction Contract, 2013 edition, technical specifications and engineering drawings.
6. Submit design documents and related permit forms to the Illinois Environmental Protection Agency for review and approval.

Bidding-Related Services

1. Distribute Bidding Documents electronically through QuestCDN, available at www.strand.com and www.questcdn.com. Submit Advertisement to Bid to OWNER for publishing.
2. Prepare addenda and answer questions during bidding.
3. Attend bid opening, tabulate and analyze bid results, and assist OWNER in the award of the Construction Contract.
4. Prepare three sets of Contract Documents for signature.

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Construction-Related Services

1. Provide contract administration Services including attendance at preconstruction conference, review of contractor's shop drawing submittals, review of contractor's periodic pay requests, attendance at construction progress meetings, periodic site visits, and participation in project closeout.
2. Provide resident project representative (RPR) for up to 24 hours of part-time observation of construction. In furnishing observation services, ENGINEER's efforts will be directed toward determining for OWNER that the completed project will, in general, conform to the Contract Documents; but ENGINEER will not supervise, direct, or have control over the contractor's work and will not be responsible for the contractor's construction means, methods, techniques, sequences, procedures, or health and safety precautions or programs, or for the contractor's failure to perform the construction work in accordance with the Contract Documents.

Compensation

OWNER shall compensate ENGINEER for Services under this Task Order on an hourly rate basis plus expenses an estimated fee not to exceed \$20,000.

Schedule

Services will begin upon execution of this Task Order, which is anticipated on November 9, 2018. Services are scheduled for completion on June 30, 2019.

TASK ORDER AUTHORIZATION AND ACCEPTANCE:

ENGINEER:

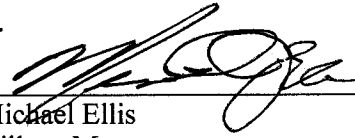
OWNER:

STRAND ASSOCIATES, INC.®

VILLAGE OF GRAYSLAKE

Matthew S. Richards
Corporate Secretary

Date

^{BK}

Michael Ellis
Village Manager

1-17-19
Date



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VILLAGE OF GRAYSLAKE

Matthew S. Richards
Corporate Secretary

Date

43x

 Michael Ellis
 Village Manager

1-7-14
Date