



Task Order No. 20-02
Village of Grayslake, Illinois (OWNER)
and Strand Associates, Inc.® (ENGINEER)
Pursuant to Agreement for Technical Services dated September 17, 2014

Project Information

Project Name: America's Water Infrastructure Act of 2018 (AWIA) Risk and Resilience Regulation Compliance

Services Description: Conduct a risk and resilience assessment and emergency response plan (ERP) update.

Scope of Services

ENGINEER will provide the following services to OWNER.

Risk and Resilience Assessment

1. Review existing reports and information provided by OWNER, including the following:
 - a. OWNER's 2003 Vulnerability Assessment and related updates
 - b. Capital Improvements Plans
 - c. ERP
 - d. Crisis Communications Plan
 - e. Hazard-specific plans
 - f. Business Continuity Plan or Continuity of Operations Plan
 - g. Information Technology (IT) Disaster Recovery Plan
 - h. Local Hazard Mitigation Plan
 - i. Source Water Protection Plan
 - j. Facility-specific plans
 - k. Contact information
 - l. Plans to address critical customers
 - m. Current utility system information
 - n. Provisions for training and exercises
2. Conduct one one-day site visit for a basic visual condition assessment of OWNER's water supply, storage, and pumping facilities.
3. Conduct up to three workshops with OWNER to discuss the risk and resilience effort and gather information about procedures and functions throughout OWNER's water system.
4. Prepare and submit a risk and resilience assessment in accordance with the AWIA using American Water Works Association (AWWA) and United States Environmental Protection Agency (USEPA) SAFETY Act designated methods including AWWA Standards J100, G430, and G440 as well as the USEPA's Vulnerability Self-Assessment Tool webtool. The assessment will be based on four major facility types (water supply, reservoirs and pump stations, elevated tanks, and distribution system) and up to ten reasonable threats identified by the J100 standard.

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5. Provide VSAT electronic files to OWNER for use in future recertifications. OWNER acknowledges that the files are not intended or represented to be suitable for use on the project unless completed by ENGINEER, or for reuse by OWNER or others on extensions of the project, or on any other project, or for any other use or purpose, without written verification or adaptation by ENGINEER. Any such reuse, or any modifications of the files, without written verification or adaptation by ENGINEER as appropriate for the specific purposes intended will be at OWNER's sole risk and without liability or exposure to ENGINEER.
6. Prepare a draft report summarizing the assessment, including potential improvements related to risk and resiliency with opinions of probable costs, for review with OWNER. Incorporate comments as appropriate.
7. Prepare up to three final hard copies of the updated report for OWNER and a letter certifying the completion of the America's Water Infrastructure Act of 2018 requirements.

ERP

1. Review ERP contents that are to be added in accordance with the requirements of the America's Water Infrastructure Act of 2018 based on AWWA Standards G430, G440, M19, and J100, and all-hazards perspective.
2. Conduct a gap analysis to identify plans and procedures to be included with OWNER's ERP based on the available standards of practice specified by AWWA and USEPA, and the results of the risk and resiliency assessment.
3. Incorporate OWNER's information into an ERP template for OWNER's use.

Compensation

OWNER shall compensate ENGINEER for Services under this Task Order on an hourly rate basis plus expenses an estimated not-to-exceed fee of \$25,000.

Schedule

Services will begin upon execution of this Task Order, which is anticipated the week of April 6, 2020. Services are scheduled for completion on December 31, 2020.


TASK ORDER AUTHORIZATION AND ACCEPTANCE:

ENGINEER:

OWNER:

STRAND ASSOCIATES, INC.®

VILLAGE OF GRAYSLAKE


 Joseph M. Bunker
 Corporate Secretary
 Date 2/5/2020


 Michael Ellis
 Village Manager
 Date 03/31/20