



AGENDA ITEM EXECUTIVE SUMMARY

Agenda Item number: *5.i

Title:

Recommendation to Approve Professional Service Agreement for the Tyler Road and Production Drive Water Main Improvement Project

Presenter:

Tim Wilson

Meeting: Government Services Committee

Date: September 23, 2019

Proposed Cost: \$60,515

Budgeted Amount: \$77,000

Not Budgeted:

Executive Summary *(if not budgeted please explain):*

Due to age and continued pipe line failures, the water utility needs to abandon approximately 1,000 feet of 8” water main located along Tyler Road, and approximately 800 feet of 8” water main located along Production Drive. Both sections shall be upsized to a 12” water main to help with fire flow demands.

On September 6, 2019, the City received nine (9) RFP submissions. Two of the submittals were disqualified for no pricing and late submittal. City staff evaluated the remaining RFP submittals and statements of qualification. Staff confirmed the lowest proposal from Rempe-Sharpe & Associate is qualified for the work based on experience and reference checks.

The proposed engineering contract for the project includes: design services, permit application, bid process, contractor negotiations, construction phase oversight and budgeting for this project which extends over the next two years.

The engineering fees associated with this project are based on cumulative hourly rates not to exceed total project cost.

Staff recommends approving and awarding the engineering contract to Rempe-Sharpe, with final funding approved annually as part of the budget approval process.

Attachments *(please list):*

- * Tyler Road and Production Water Main Professional Services Agreement
- * Project Site Map

Recommendation/Suggested Action *(briefly explain):*

Recommendation to Approve Professional Services Agreement for Tyler Road and Production Drive Water Main to Rempe-Sharpe & Associates for \$60,515.

Required Document #1 Cover Page

	RESPONSE COVER PAGE This is page #1 of your response.	
	RFP: Design, Bid, and Construction Engineering: 2020 -Tyler Road and Production Water Main Replacement Project #1060	Based on Addendum # _____

Please do not submit punched or perforated pages, nor bind your proposal in anything other than paperclips.

PROPOSAL PREPARED BY:		CONTACTS:	
Firm Name	Rempe-Sharpe & Associates, Inc	Operations	
DBA		Contact Name	Brian J. Bennett
Address	324 West State Street	Contact Number	630-232-0827
		Contact E-mail	bbennett@rsaengr.com
City, St, Zip	Geneva, IL 60134	Sales	
Signature		Contact Name	Brian J. Bennett
Print Name	Brian J. Bennett	Contact Number	630-232-0827
Position	Senior Project Manager	Contact E-Mail	bbennett@rsaengr.com
Phone #	630-232-0827	Billing	
Fax #	630-232-1629	Contact Name	Sara Bles-Janusz
E-mail Address	bbennett@rsaengr.com	Contact Number	630-232-0827
		Contact E-Mail	sbles@rsaengr.com

This business Firm is (check one) A Corporation A Partnership An Individual An LLC

Exceptions: (check one)

This submittal meets and accepts all Requirements, Specifications, Terms and Conditions and Contract Language.

We hereby take the following Exceptions to the Requirements, Specifications, Terms and Conditions and Contract Language (reference section #):

Required Document #2 Signature Page



SIGNATURE PAGE

This is page #2 of your response.

RFP: Design, Bid, and Construction Engineering:

**2020 –Tyler Road and Production Drive
Water Main Replacement Project #1060**

Based on
Addendum #

If an Individual

By: _____
Signature

Title

If a Partnership

By: _____
Signature

Title

By: _____
Partner

If a Corporation

By: *[Handwritten Signature]*
Signature of person authorized to sign

Vice President
Title

ATTEST *[Handwritten Signature]*

If a Joint Venture

By: _____
Signature

Title

By: _____
Signature

Title

DATE 9/6/19

Required Document #3- Certification of Compliance



CERTIFICATION OF COMPLIANCE

This is page #3 of your response.

- (A) The undersigned certifies that, pursuant to the **Equal Opportunity Employer** provisions of Section 2000(e) of Chapter, 21, Title 42 of the United States Code and Federal Executive Order No. 11246 as amended by Executive Order No. 11375, the bidder is compliant with all Equal Employment Opportunity Commission ("EEOC") requirements.
- (B) The undersigned certifies that, pursuant to the **Illinois Human Rights Act** provisions of Section 2-105 of Public Act 87-1257 the bidder complies with and certifies that it is in compliance with all equal employment practice requirements contained therein.
- (C) The undersigned certifies that, pursuant to the **Illinois Human Rights Act** provisions of Section 775 ILCS 5/2-105, the bidder deposes states and certifies that it has adopted a written sexual harassment policy that meets the minimum requirements.
- (D) The undersigned certifies that, pursuant to the **State of Illinois Law** provisions of Section 720 ILCS 5/33E prohibiting Bid-rigging or Bid-rotating, the bidder is not barred from bidding on this project, or entering into a contract for this project.
- (E) The undersigned certifies that, pursuant to the **Illinois Department of Revenue Tax Laws** provisions of Section 65 ILCS 5/11-42.1-1, the bidder is not barred from doing business with any unit of local government in the State of Illinois as a result of a delinquency in payment of any taxes unless the bidder is contesting, in accordance with the procedures established by the appropriate statute, its liability for the tax or the amount of the tax.
- (F) The undersigned certifies that, pursuant to the **Illinois Drug Free Workplace Act** provisions of Section 30 ILCS 580/3, the bidder deposes, states and certifies that it will provide a drug free workplace, inclusive of all satellite locations as well as the City of St. Charles sites.
- (G) The undersigned certifies that, pursuant to the **Illinois Prevailing Wage Act** provisions of Section 820 ILCS 130/1-12, the bidder, when required, is in compliance with all requirements of, including provisions as to wages, medical and hospitalization insurance and retirement benefits for those trades covered in the Act. Pursuant to **Illinois Public Act** provisions of Section 94-0515 and all provisions of the **Employee Classification Act**, provisions of Section 820 ILCS 185/1 et seq., said bidder agrees to submit certified payroll records as required.
- (H) The undersigned certifies that, pursuant to the **Employment of Illinois Workers on Public Works Act** provisions of Section 30 ILCS 570/0.01, et seq., the bidder is in compliance with all requirements. Furthermore, the bidder certifies that it will demonstrate a good faith effort toward providing equal employment opportunities for City of St. Charles residents to work as crafts persons, consistent with the racial, ethnic, and gender demographics of the City's labor force.
- (I) The undersigned certifies that, pursuant to the **National Security/USA Patriot Act** as defined in Presidential Executive Order 13224, the bidder and all affiliated parties, are not working for or with, nor acting on behalf of, a Specially Designated National and Blocked Person.
- (J) The undersigned certifies that they have not colluded with or participated in any **unethical practices** with any person, firm or employee of the City of St Charles which would in any way be construed as an unethical business practice.

Check One:

- There are no conflicts of interest** and in the event that a conflict of interest is identified anytime during the duration of this award, or reasonable time thereafter, you, your firm or your firm's ownership, management or staff will immediately notify the City of St. Charles in writing.
- There is an affiliation or business relationship** between you, your management or staff, your firm or your firm's ownership, and an employee, officer or elected official of the City of St. Charles who makes recommendations to the City of St. Charles with respect to expenditures of money, employment, and elected or appointed positions. Provide on a separate letter included with your response any and all affiliations or business relationships that might cause a conflict of interest or any potential conflict of interest. Include the name of each City of St Charles affiliate with whom you, your firm or your firm's ownership, management or staff has an affiliation or a business relationship.

Company Name Rempe-Sharpe & Associates, Inc. Signature [Handwritten Signature] Date 09/08/2019



REMPE-SHARPE & Associates, Inc.

Principals

J. Bibby P.E., S.E.
D. A. Watson P.E.

B. Aderman P.E.
B. Bennett P.E., CFM
L. Vo P.E.
J. Whitt P.E., CFM

CONSULTING ENGINEERS

324 West State Street
Geneva, Illinois 60134
Phone: 630/232-0827 – Fax: 630/232-1629

September 6, 2019

City of St. Charles
Public Works Building
2nd Floor Administrative Area
1405 S. 7th Avenue
St. Charles, Illinois 60174
Attn: Mr. Tim Wilson

Re: Request for Proposal
2020 – Tyler Road and Production Drive Water Main Replacement Project #1060

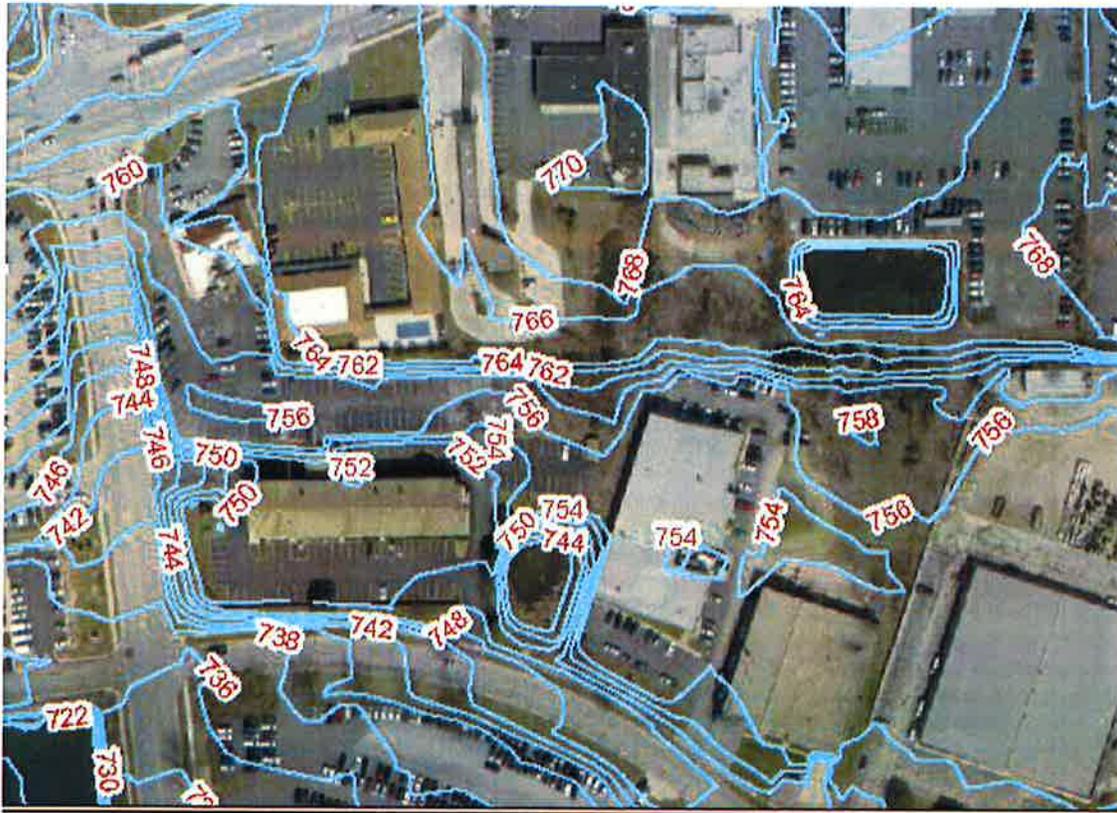
Dear Mr. Wilson:

Rempe-Sharpe and Associates is energized to act as Engineering Consultant for the Tyler Road and Production Drive Water Main Replacement Project with the City of St. Charles. We are confident our experienced staff will provide exceptional design and construction engineering services throughout the project from start to finish. The depth of our experience, from design and value engineering, interfacing with residents, and continuous communication, will be of significant value to the Public Works Department in bringing this project to a smooth, on time and on budget completion.

Rempe-Sharpe has provided watermain replacement design services for many communities over the last 50 years including design and construction phase services for the installation and replacement of watermain for the City of Batavia, the City of Geneva, the Village of Bartlett, the Village of North Aurora and the Village of Winfield. A multitude of projects included stream crossings and State and County highway crossings. In addition, Rempe-Sharpe has been successful in directionally drilling watermain on a wealth of projects, which would be the preferred method of installation in areas with numerous utility conflicts and the installation of the casing pipe under state highways such as Illinois Route 64.

Rempe-Sharpe will coordinate all engineering scope with the City of St. Charles on a continual basis. As with all projects designed by Rempe-Sharpe, constructability and cost saving are paramount. Upon the completion of 50% design, the principal engineer and the construction inspector will perform a detailed review of the plans to insure that the design can be completed in the field, is the most cost effective design, can be easily flushed and chlorinated, and finally, all high spots have means of removing air; i.e. fire hydrants, air relief valves or corporations. Our project approach, references, personnel, schedule, and fee of service are outlined for your use as follows:

PROJECT APPROACH



Aerial overview

Rempe-Sharpe will provide Phase I and II “design” engineering, including preliminary and final design and specifications; soil testing, preparation of contract documents; coordination and management of any permits; and managing the bidding and bid opening process and Phase III “construction observation” engineering services.

PHASE 1 PROJECT TASKS (DESIGN ENGINEERING)

1. Project Kick Off Meeting – Meet with City Staff to overview the project approach, timeline, deliverables and scheduling and tour the site, visually inspecting the general existing layout and condition of the project with pictures and/or video. Obtain all existing available data from City. Continue process with monthly progress meetings.
2. Submit Conceptual exhibits – Submit concept exhibits to IDOT, Nicor, Cable & AT&T and request existing utility information for incorporation into the plans & initiate coordination with IDOT for the crossing and permit.
3. Soil Borings – Obtain soil borings at key locations to determine depth and condition of existing soils and obtain either 662 or 663 forms. JULIE will be contacted to mark utilities within the boring locations determined.



4. Topographical Survey

- a. Review Plans, Record Drawings and research existing easements: Using St. Charles's PWD utility atlas map and engineering plans. Establish proposed project limits and set the survey limits as needed for creation of base mapping of the existing conditions necessary for construction of the proposed improvements.
- b. Perform Topographical Survey: Using limits determined from the step above, survey all visible utility structures within the project limits, JULIE marks, soil boring locations, valves, manholes, inlets, curb and gutter and street centerline for creating a base topographic map. Invert elevations and pipe sizes will also be collected concurrently.

5. Mapping Utility Systems

- a. Compare the maps created from the topographical survey against GIS, and record data for utilities that may have not been located.
- b. Using the topographical survey data and field inspection, and data received from respective utility owners, piece together the existing location of existing utilities.
- c. Review the existing utilities map with the City for comparison of the mapped utilities with the Cities personal knowledge to create an accurate existing conditions map.

6. Design and Evaluate the Alignment of the Watermain

- a. Based on the location of existing utilities, street pavement, unavoidable existing obstructions, determine the "best fit" location or locations of the proposed watermain though to the connection point and optimal watermain casing location based on likely boring and receiving pit locations. The potential alternate will then be designed to avoid conflicts with sanitary main and watermain crossings to the maximum extent practical.
- b. Determine the existing utilities affected. Sanitary sewer and/or watermain that may be impacted by the alignment and verify sanitary sewer and water service can still be maintained throughout construction.
- c. Iterate the above steps b and c until an ideal solution is determined.
- d. Verify the acceptance of the routing with City of St. Charles staff (Repeat process until City approves proposed alignment).
- e. Prepare preliminary cost estimate for review by City.
- f. Initiate permanent or temporary construction easement process with City of St. Charles (hourly - if needed as directed by City).

7. Submit for IEPA, IDOT and applicable permits

- a. Note, it is Rempe-Sharpe's understanding low interest loan applications are not applicable for this proposal.

8. Review Plan and Construction Time Line with City of St. Charles (90% plan review):

- a. Plan sheets to include: cover sheet, general notes/details, existing conditions, proposed plan piping & profile, grading, landscaping traffic control, demolition, specifications & easements if applicable).
- b. Update engineer's cost estimate for review by City.
- c. Submit for Kane County Storm permit if applicable.
- d. Coordinate remaining easements if necessary.

9. Update and Revise plans per City and IEPA/IDOT comment review

10. Add additional detail to the plans

- a. Incorporate any additional Comments.
- b. Incorporate Final landscaping design/revisions and specification.
- c. Finalize Maintenance of Traffic Plan.



- d. Finalize permits.
- e. Finalize Erosion and Sedimentation Control Plan.
- f. Prepare Final Cost Estimate and Special Provisions.
- g. QA/QC.

11. Review Plan with City of St. Charles (100% plan review)

- a. Incorporate any remaining comments.
- b. Address any remaining IEPA/IDOT comments.
- c. Complete the plans, specifications and permits.
- d. Submit all deliverables.
- e. Follow up with the City.

PHASE II PROJECT TASKS (BIDDING AND NEGOTIATION)

Rempe-Sharpe's bidding services will include preparation, printing, and distribution of bid/construction documents, verifying bid prices, contract recommendations, attendance at bid opening, summarizing all bids received, and verification of bid documents, and attendance at the City Board Meeting if requested. RSA will assist with contract bidding as requested by the City and as outlined below:

1. Prepare for review and approval by City, contract agreement forms, general conditions and supplemental general conditions, bid forms, invitations to bid and instructions to bidders and assist in the preparation of other related documents.
2. Attend a pre-bid meeting with City and prospective bidders.
3. Respond to questions about bid documents. Issue Addenda as appropriate to clarify, correct, or change the Bidding Documents.
4. Attend bid opening, prepare bid tabulation, and assist the City in reviewing the bids, participate in any negotiations or clarification discussion and awarding contracts.
5. Furnish and supply drawings and project specification copies as required.

PHASE III PROJECT TASKS (CONSTRUCTION ENGINEERING & PROJECT CLOSEOUT)

Serving as the City's liaison, resident engineer or technical personnel, Rempe-Sharpe will review, observe, monitor and document the contractor's progress on the project from the start of field operations to final completion. Rempe-Sharpe will perform all work according to the general industry engineering standards. The following task descriptions illustrate how RSA proposes to deliver a top quality project on time and within budget as well as give additional detail into the philosophy and methods that will be employed.

- Provide a pre-construction video of the construction site and adjacent property features.
- Conduct a preconstruction meeting with all interested parties to discuss goals, objectives and issues the City of St. Charles may have. Meeting minutes will be prepared and sent to the City for review and approval.
- Assist the City with resident notifications as required.
- Determining if the work is proceeding in accordance with Contract Documents;
- Maintaining a site presence at all times when the contractor is working;
- Disapproving any work failing to conform to the Contract documents;
- Informing the City of St. Charles representatives immediately of any deviations from the contract documents.
- Require such special inspections or tests of Contractor's work as deemed reasonably necessary, and receive and review all certificates of inspections, tests, and approvals required by Laws and Regulations or the Contract Documents.



- Provide weekly reports including photos (if requested) to City staff on status of construction and hours spent on site.
- Schedule and conduct construction meetings every week during construction phase.
- Assist the City in the selection of an independent testing laboratory to perform all necessary testing and inspections required during construction.
- Issue necessary clarifications and interpretations of the Contract Documents as appropriate to the orderly completion of Contractor's work.
- Recommend Change Orders and Work Change Directives to the City, as appropriate, and prepare Change Orders and Work Change Directives as required.
- Review and approve or take other appropriate action in respect to Shop Drawings and Samples and other data which Contractor is required to submit, but only for conformance with the information given in the Contract Documents and compatibility with the design concept of the completed Project as a functioning whole as indicated in the Contract Documents
- Evaluate and determine the acceptability of substitute or "or-equal" materials and equipment proposed by Contractor.
- The contractor's proposed construction schedule, as well as all major subcontractors' schedules, will be reviewed for compliance with the awarded contract and submitted to the City of St. Charles.
- Rempe-Sharpe's resident engineer will maintain field books, quantity books, a diary and all other forms of documentation.
- Rempe-Sharpe will prepare a contact list with names, addresses, phone numbers, fax numbers and email addresses of all contractors, subcontractors and suppliers for each project. Included will be emergency 24-hour contact numbers for applicable parties.
- All control points baselines and benchmarks for project layout will be verified by Rempe-Sharpe personnel as appropriate.
- Receive and review maintenance and operating instructions, schedules, warranties, and guarantees
- Receive bonds, certificates, or other evidence of insurance not previously submitted and required by the Contract Document's, certificates of inspection, tests and approvals, Shop Drawings, Samples and other data. Engineer shall transmit these documents to the City.
- Upon substantial completion, inspect the improvements, develop and monitor completion of the final punch-list, and handle all paperwork to close-out the project.
- Coordinate with City Public Services for utility conflicts, main breaks, water main filling / flushing, interim record drawings, etc., as necessary.
- Coordinate and supply the City with the proper Contractor's Completion Documents
- Rempe-Sharpe will provide the City a copy of:
 - Final construction documents
 - IEPA & IDOT Construction Permits
 - Record Drawings
 - Project Files at the completion of the project.

TEAM SELECTION PROCESS

The team as proposed herein by Rempe-Sharpe and Associates was selected based on three fundamental criteria as follows:

- Recognized expertise in the specialty fields required for this project.
- Familiarity and a history of successful projects in St. Charles and nearby communities.
- Familiarity and a history of successful projects as part of previous team efforts.

Resumes have been attached.



PROJECT SCHEDULE

TASK	ANTICIPATED DATES
Design Kick-off meeting with staff	10/01/19
Preliminary 50 % Engineering Submittal	12/02/19
Preliminary 50 % Design Review Meeting	12/09/19
IEPA/NOI Permit Application Submittal	12/20/19
Final 90% Engineering Submittal	02/03/20
Final 90% Design Review Meeting	02/10/20
Obtain all Required Permits and Easements	03/06/20
Advertisement to Bid Published	03/06/20
Construction Bid Opening	04/27/20
Construction Bid Award	05/25/20
Commence Construction	06/15/20
Substantial Completion	09/15/20
Final Completion	10/15/20

Rempe-Sharpe & Associates, Inc. proposes to provide engineering services in accordance with our Standard Consultant agreement (to be approved by City of St. Charles) as submitted as an hourly not to exceed fee for each phase based on the attached hourly rates. The actual amount invoiced will be based on the level of effort required, but will not exceed the budget without the Cities prior approval. Reimbursable expenses, such as mileage, printing, postage, etc., will be billed to you at our direct cost and will not exceed a budget of \$1000.00 for the entire project:

Phase I (Design)	\$31,125.00
Phase II (Bidding)	\$ 2,894.00
Phase III (Construction)	<u>\$25,496.00</u>
Grand Total Amount	\$59,515.00

We would like to thank the City of St. Charles for your consideration. Please contact the undersigned at 630-232-0827x228 with any questions regarding the above.

Sincerely,

REMPE-SHARPE & ASSOCIATES, INC.

BY:



Brian J. Bennett, P.E., CFM
Senior Project Engineer

Rempe-Sharpe and Associates, Inc.
Civil Engineering ■ Structural Engineering
Surveying Services ■ Design & Construction
WWW.RSAENGR.COM

324 W. STATE STREET, GENEVA, IL 60134

P / 630.232.0827 F / 630.232.1629



Tyler Road and Production Drive Watermain Replacement Project/Earned Value

TASK	PRINCIPAL ENGR \$142.00	DESIGN ENGR \$111.00	CADD OPER. \$90.00	SURVEY CHIEF \$84.00	SURVEY TECH \$68.00	RESIDENT INSPECTOR \$86.00	CLERK \$51.00	EXP	project %	actual hours spent	earned value	TOTALS
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PHASE 1 (DESIGN)

Kick off Meeting	2	2							1%	0	0	\$506.00
Soil Borings/CCD												\$4,500.00
topo/dips/bm research				24	16				7%	0	0	\$3,104.00
title page			8						1%	0	0	\$720.00
plan sheet specifications		12	8						3%	0	0	\$2,052.00
book specifications		20					16		6%	0	0	\$3,036.00
existing conditions/demo plan		12	12						4%	0	0	\$2,412.00
erosion control plan		12	8						3%	0	0	\$2,052.00
utility plan		31	8						7%	0	0	\$4,161.00
details		12	8						3%	0	0	\$2,052.00
engineers estimates		8							1%	0	0	\$888.00
IEPA sanitary permits		8							1%	0	0	\$888.00
easement coordination (hourly)												\$0.00
general coordination/meetings	8	12							3%	0	0	\$2,468.00
project management/submittals		12					4		3%	0	0	\$1,536.00
direct expenses - mileage/printing								\$750		0	0	\$750.00
SUBTOTAL (PHASE I)												\$31,125.00

Phase II (Bidding)

final bidding document preparation		8					8		3%	0	0	\$1,296.00
pre-bid meeting	2	2							1%	0	0	\$506.00
pre-bid meeting minutes		2					1		1%	0	0	\$273.00
bid-opening		2							0%	0	0	\$222.00
bid tabulation		2					2		1%	0	0	\$324.00
bidding documents coordination		2					1		1%	0	0	\$273.00
SUBTOTAL (PHASE II)												\$2,894.00

Phase III (Con. Observation)

Resident Inspector at 45 days	4	24		8	8	240	8		50%	0	0	\$25,496.00
SUBTOTAL (PHASE III)												\$25,496.00

GRAND TOTAL

\$59,515.00

REMPE-SHARPE & ASSOCIATES CIVIL ENGINEERING SERVICES

FIRM NAME: REMPE-SHARPE & ASSOCIATES, INC.

CONTACT PERSON: James Bibby, P.E., SE, Principal
jbibby@rsaengr.com

OFFICE LOCATION: 324 West State Street, Geneva, Illinois 60134

TELEPHONE NUMBER: (630) 232-0827

FACSIMILE NUMBER: (630) 232-1629

HISTORY OF COMPANY

The firm was founded in 1918 (renamed Rempe-Sharpe & Associates, Inc., and incorporated in 1964) to provide Professional engineering and surveying services in the State of Illinois.

YEARS IN BUSINESS - 100 Years

CORPORATE OFFICERS

President: James J. Bibby, PE, SE
Secretary/Treasurer: Daniel A. Watson, PE

SERVICES PROVIDED IN-HOUSE

Rempe-Sharpe & Associates, Inc., offers a full range of professional engineering services to governmental agencies and private enterprises in the fields of civil, sanitary, storm drainage, structural, transportation, traffic, and water management engineering. The following are among the most noted services offered by the firm:

- Project management,
- General concept planning,
- Preliminary surveys, studies, estimates and reports,
- Preliminary design and drawings,
- Final design and preparation of detailed plans and specifications,
- Assist owner in obtaining and evaluating bid proposals,
- Construction surveying,
- Resident and periodical construction representation,
- Post-construction services and Structural engineering.

Rempe-Sharpe & Associates, is a "C" Corporation, Professional PE/SE Design Firm Licensed in the State of Illinois.

Rempe-Sharpe & Associates, Inc.
Civil Engineering • Structural Engineering
Surveying Services • Design & Construction
324 W. STATE STREET, GENEVA, IL 60134 WWW.RSAENGR.COM P: 630.232.0827 F: 630.232.1629



2019 WATERMAIN**2019****WF-661**

The work consisted of the installation of 30 LF of 6", 810 LF of 8", and 70 LF of directionally drilled 8" ductile iron pipe watermain, and 211 LF of storm sewer, along with water service reconnections, appurtenances, drilling, sidewalk repair, and related restoration work located in the Village of Winfield.

2019 SULLIVAN ROAD WATERMAIN**2019****NA-615**

The improvements consisted of placing 5 LF of 6-inch and 230 LF of 8-inch ductile iron pipe watermain, CL 52, 12 SY of HMA pavement patch, and related restoration work in the Village of North Aurora.

2018 TRANSMISSION MAIN**2018****BRT-12**

The work consisted of: watermain installation, open cut excavation and directional drilling, of 150 LF of 6" thru 12", 1420 LF of 16" and 5220 LF of 24" DIP watermain CL52; 1660 LF of 16" and 60 LF of 24" DIP watermain, Class 52, directional drilling; 180 LF of 16" DIP Watermain, CL 52 in 24" DIP casing with spacers, augured and pushed; sidewalk, curb and gutter and pavement removal and replacement, along with appurtenances and related restoration work in the Village of Bartlett.

2018 WATERMAIN**2018****WF-649**

The work consisted of the installation of 54 LF of 6", 881 LF of 8" and 930 LF of 10" ductile iron pipe watermain, and 335 LF of storm sewer, along with water service reconnections, appurtenances and related restoration work located in the Village of Winfield

2016-2017 WATER MAIN REPLACEMENT**2017****WF-625**

The work consisted of the installation of 453 LF of 6", 1,100 LF of 8" ductile iron pipe watermain, and 400 LF of storm sewer, along with service reconnections, appurtenances and related restoration work located in the Village of Winfield.

2017 CHERRY TREE LANE WATER MAIN**2017****NA-586**

The work consisted of replacing the existing 6-inch watermain with approximately 2400 LF of new 8-inch ductile iron pipe and 160 LF of new 6-inch ductile iron pipe, CL-52; the replacement of the water services along with the appurtenances, and related restoration work in the Village of North Aurora.

2017 WATER MAIN REPLACEMENT**2017****BT-623**

The work consisted of construction 90 LF of 6" DIP, 62 LF of 8" ductile iron pipe, and 1,285 LF of 12" ductile iron pipe, along with water services and restoration located in the City of Batavia.

2016 WATERMAIN**2016****NA 564**

The work consisted of replacing the 4-inch, 6-inch, 8-inch, 10-inch and 12-inch watermain with approximately 100 LF of new 4-inch, 80 LF of new 6-inch, 1290 LF of new 8-inch, 80 LF of new 8-inch watermain in 16-inch casing pipe, 15 LF of new 10-inch and 85 LF of new 12-inch new ductile iron pipe, CL 52, the replacement of the water services, along with appurtenances and related restoration work in the Village of North Aurora.

2015 WATER MAIN IMPROVEMENTS**2015****NA-534**

The improvements consisted of replacing the 6-inch water main with approximately 321 LF of new 12" ductile iron pipe, 3,525 LF of new 8-inch ductile iron pipe, and 95 LF of new 6" ductile iron pipe, CL 52, the replacement of the water services, along with appurtenances and related restoration work in the Village of North Aurora.

Rempe-Sharpe & Associates, Inc.
Civil Engineering • Structural Engineering
Surveying Services • Design & Construction



Daniel A. Watson, PE
Principal Engineer

EDUCATION

B.S. Civil Engineering - 1985
University of Illinois
Material Science Graduate Classes - 1986-1987
University of Illinois

REGISTRATION

Licensed Professional Engineer - IL, WI

PROFESSIONAL AFFILIATIONS

Water Environment Federation
American Public Works Association
American Water Works Association
Kane County Water Association
Illinois Society of Professional Engineers

PROFESSIONAL HISTORY

- Rempe-Sharpe and Associates, Inc., Consulting Engineers -
Principal Engineer and Project Manager, 1988 to date
- Edwin Hancock Engineering, Westchester, IL. -
Civil Engineer, 1987-1988
- University of Illinois, Champaign-Urbana,
Research Engineer, 1985-1987

REPRESENTATIVE EXPERIENCE (33 YEARS)

Rempe-Sharpe and Associates, Inc., July 1988 to date.
Responsible for project management including project design, plan preparation, and construction coordination services for various municipal water, transportation, wastewater, and stormwater management related projects. A representative listing of typical projects being as follows:

- Shallow and deep well water supplies, water pumping stations, and water distribution system improvements
- New Elevated Water Tower evaluation, design and construction oversight in Batavia, Geneva, Winfield, North Aurora, West Chicago, Elburn and Gilberts.
- Elevated Water Tower Painting and Project management in Batavia, Geneva, Winfield, North Aurora, Elburn and Carpentersville.
- Antenna installation and review including construction oversight in Batavia (3 Towers), Geneva (3 Towers), Winfield (2 Towers), North Aurora (3 Towers), Elburn (3 Towers) and Gilberts (2 Towers).



Bruce J. Aderman, PE

Project Engineer

EDUCATION

BSCE University of Wisconsin – 1985

REGISTRATION

Licensed Professional Engineer – Illinois No. 062-046478

PROFESSIONAL EXPERIENCE

- Acted as on-going consultant team leader providing drainage investigations and stormwater permit review for IDOT District 1 (2017-2019). The Permit projects handled included numerous issues throughout the Chicago Metropolitan six county area.
- Responsible for inspection of subdivision stormwater improvements throughout Kane County for establishment of annual maintenance programs, perform construction administration and design services for Kane County stormwater improvement projects. Responsible for design, management and construction administration services for commercial and residential land development projects including erosion control, stormwater management, underground detention, site development, site infrastructure and residential retaining wall systems.
- Project Engineer/Manager responsible for preparation of construction documents for a \$12M new church chapel and redevelopment project in Darien, IL. The improvements included construction of a new chapel building, parking lots, access drives, pedestrian plaza, walking paths, reconfiguring of a Corps jurisdictional drainage way and pond, site grading, stormwater detention and site infrastructure improvements. Included was coordination with Darien, USCOE, DuPage County and IDOT.
- Project Engineer/Manager responsible for preparation of construction documents for the 283,500 SF, 28-acre South Elgin Crossing commercial/retail project. Included in the scope of services was assistance in annexation and rezoning, preparation of contract documents for on-site improvements and off-site roadway plans for the widening of Randall Road to a 7-lane section and reconstruction of McDonald Road to a 6-lane section and coordination with Kane County DOT, IDOT, and South Elgin.
- Project Engineer/Manager responsible for design and construction of water main, storm sewer and sanitary sewer projects including horizontal directional drilling of water main and auger/tunneling of large diameter storm and sanitary sewers. Responsibilities included preparation of design documents, project manuals, permitting and construction observation services for municipal clients.



Eric Johnson

Resident Engineer

EDUCATION

Augustana College, B.A. Geology and Physical Science, 1982

PROFESSIONAL EXPERIENCE

- Served as Village construction phase engineer (1996 – 2018) on comprehensive Village wide reconstruction of Village Bridges and over 20 lane miles of streets encompassing Village funded, MFT, STP IDOT projects to upgrade the infrastructure of the Village.
- Village of Glen Ellyn Street Improvements: Served as resident engineer. Project include various removals; sanitary sewer, services and manholes; storm sewer and drainage structures; water main, services, fire hydrants and valves; curb and gutter; new and replacement side- walks; concrete driveways; full depth hot mix asphalt pavement; PCC pavement, sodding, and all incidental and collateral work necessary to complete the improvements.
- Village of Plano: 2017 STP-IDOT Street Improvement project. The existing roadway was fully excavated to construct subgrade, base, curbs and gutters, HMA pavement, new driveway aprons and ADA ramps. Additional storm inlets were added and parking spaces were defined with striping. Completed all IDOT required forms including ICORS.
- Village of Hinsdale: Served as resident engineer for the 2013 Street Improvements project consisting of the reconstruction or resurfacing of approximately 16,500 lineal feet of residential roads and streets throughout the Village, 5,700 lineal feet of water main replacement, 1,200 lineal feet of sanitary sewer lining/replacement, and 3,000 lineal feet of storm sewer construction.
- Village of Bolingbrook: Served as resident engineer. Project consisted of the resurfacing of four-lanes of Boughton Road curb-to-curb (including turn bays). Also included the reconstruction of substantial portions of the eastbound outside lane over an existing ComEd duct. Existing sidewalks which were not ADA compliant were also replaced.
- Village of Winfield: Served as resident engineer for various watermain and storm sewer improvements projects in 2013, 2016, and 2017. Pro- jects included installation of watermain and storm sewer along with water service reconnections, appurtenances and related restoration work.

