



**AGENDA ITEM # 15B**

**AGENDA ITEM EXECUTIVE SUMMARY**

**Village Board Meeting**

**May 13, 2019**

**Item Title: 2019 Watermain Project Construction Engineering Services**

**Staff Contact: Karen R. Young, P.E., C.F.M. Director of Public Works**

**VILLAGE BOARD ACTION**

**Adopt a Resolution authorizing the Mayor to execute a Task Order for Construction Engineering Services with Robinson Engineering for the 2019 Watermain Improvement Project in the amount of \$62,020.**

**Executive Summary:**

The Village previously awarded a contract for Robinson Engineering for the design and permitting of the 2019 Watermain Improvement Project. Sealed bids for the project were opened on May 2, 2019 and a recommendation to award the contract to the low bidder was issued. The project is scheduled to start on or about early June and be complete in early August.

As the design engineer, Robinson Engineering has the most knowledge of the project and is best suited to provide the construction Engineering Services as outlined in the Task Order. Staff recommends the selection of Robinson Engineering to perform these services.

**Implications:**

**Is this item budgeted?** Yes. A total of \$168,870 has been budgeted for the design and construction engineering services.

**Any other implications to be considered?** None.

**Attachments:**

Resolution  
Task Order – Robinson Engineering

**RESOLUTION NO. 2019-**

**A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE A TASK ORDER FOR CONSTRUCTION ENGINEERING SERVICES WITH ROBINSON ENGINEERING FOR THE 2019 WATER MAIN IMPROVEMENT PROJECT.**

WHEREAS, the Mayor and Board of Trustees of the Village of Roselle, DuPage and Cook Counties, Illinois, have determined that it is in the best interests of the Village of Roselle to enter into a Task Order for Professional Services with Robinson Engineering regarding the 2019 Water Main Improvement Project.

NOW, THEREFORE, be it resolved by the Mayor and Board of Trustees of the Village of Roselle, DuPage and Cook Counties, Illinois, that the Mayor is hereby authorized to sign and the Village Clerk is hereby directed to attest to that certain Task Order attached hereto and incorporated herein as fully set forth as Exhibit A.

ADOPTED this 13th day of May, 2019

AYES:

NAYS:

ABSTAIN:

ABSENT:

\_\_\_\_\_  
Andrew J. Maglio, Mayor

ATTEST:

\_\_\_\_\_  
Patricia Burns, Village Clerk

In accordance with Paragraph 1.01 of the Agreement between the **Village of Roselle** ("OWNER") and **Robinson Engineering, Ltd.** ("ENGINEER") for General Professional Services dated December 3, 2018 ("Agreement"), OWNER and ENGINEER agree to as follows:

**1. Specific Project Data:**

- A. Title: 2019 Watermain Replacement Project – Construction Assistance and Observation
- B. Description: TIME & MATERIAL Fee to provide part-time construction assistance and observation associated with the Village's 2019 Watermain Replacement Project. Scope of the project is approximately 3,350 LF of watermain replacement along Claria Dr., Granville Dr., and Hill St. Total estimated construction cost of \$1,000,000.

**2. Services of ENGINEER:**

Tasks will include:

- Coordinate and attend pre-construction meeting
- Provide part-time, on-site construction observation (4hrs per day avg.)
- Coordinate with contractor and Village water department for resident notifications and water shut-offs
- Process contractor pay requests
- Measure pay items quantities in the field
- Provide soil sampling and pH testing and complete the LPC-662 or LPC-663 Source Site Certification for signature by Village representative. This includes up to \$2,000 in lab testing fees. Additional testing, if required, would be an additional service.
- Process Notice of Award, Notice to Proceed, Certificate of Substantial Completion, Punchlist and Final Acceptance
- Coordinate completion of as-built plans by contractor
- Provide construction lay-out of main line improvements as needed

**3. ENGINEERING FEES:**

See attached breakdown for a Time & Material engineering fee not to exceed \$62,020 without written authorization.

Approved this \_\_\_\_\_ day of \_\_\_\_\_ 2019:

VILLAGE OF ROSELLE ("OWNER")

ROBINSON ENGINEERING, LTD. ("ENGINEER")

Date Signed: \_\_\_\_\_

Date Signed: \_\_\_\_\_

By: \_\_\_\_\_

By: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

**2018 WATERMAIN PROJECT  
CONSTRUCTION ASSISTANCE AND OBSERVATION**

Detailed Fee Breakdown

All manhours and employee classifications are based on experience on prior projects. Actual employee utilized for various tasks may vary depending on resources available to enable project to meet critical path schedule.

**SUBTASK – CONSTRUCTION ASSISTANCE**

Field Observation (50 working days @4hr/day)	200 hrs@	\$134/hr	=	\$26,800.00
Reporting and Documentation	40 hrs @	\$134/hr	=	\$5,360.00
Senior Engineer Field Engineering	40 hrs @	\$154/hr	=	\$5,360.00
Pay Request and Quantity Verification	40 hrs @	\$134/hr	=	\$5,360.00
Construction Survey and Layout (2-man crew)	20 hrs @	\$186/hr	=	\$3,720.00

**SUBTASK – SOIL CERTIFICATIONS**

LPC-663 Soil Certification Form Preparation	20 hrs @	\$135/hr	=	\$2,700.00
LPC-663 Lab Testing Allowance				\$2,000.00

**SUBTASK – PROJECT CLOSE OUT**

Project Close Out	60 hrs @	\$134/hr	=	\$8,040.00
Coordinate As-built Drawings	20 hrs @	\$134/hr	=	\$2,680.00

**TOTAL** **\$62,020.00**

**2019 STANDARD BILLING RATES:**
*Effective January 1, 2019*

CLASSIFICATION	RATE
Principal Engineer 2	\$200.00
Principal Engineer 1	\$196.00
Senior Project Manager 2	\$186.00
Senior Project Manager 1	\$172.00
Senior Structural Engineer	\$182.00
Senior Engineer 3	\$170.00
Senior Engineer 2	\$166.00
* Senior Engineer 1	\$156.00
Project Engineer 4	\$145.00
Project Engineer 3	\$135.00
Project Engineer 2	\$126.00
Project Engineer 1	\$115.00
Project Manager 3	\$145.00
* Project Manager 2	\$135.00
Project Manager 1	\$126.00
Engineering Technologist 3	\$118.00
Engineering Technologist 2	\$107.00
Engineering Technologist 1	\$94.00
Engineering Technician 2	\$113.00
Engineering Technician 1	\$100.00
Chief Land Surveyor	\$156.00
Land Surveyor 3	\$140.00
Land Surveyor 2	\$129.00
Land Surveyor 1	\$113.00
Surveying Technologist 2	\$113.00
Surveying Technologist 1	\$100.00
Planner	\$124.00
Grant Writer 2	\$107.00
Grant Writer 1	\$88.00
Project Developer 3	\$157.00
Project Developer 2	\$134.00
Project Developer 1	\$100.00
GIS Coordinator	\$151.00
GIS Developer	\$123.00
GIS Technologist	\$99.00
CAD Manager	\$134.00
CAD Designer	\$124.00
CAD Technologist 2	\$107.00
CAD Technologist 1	\$93.00
Resident Engineer 3	\$147.00
* Resident Engineer 2	\$134.00
Resident Engineer 1	\$121.00
Resident Engineer Representative 3	\$131.00
Resident Engineer Representative 2	\$126.00
Resident Engineer Representative 1	\$121.00
Field Superintendent	\$152.00
Assistant Field Supt.	\$140.00
* Field Crew Chief	\$113.00
Field Crew Member 2	\$89.00
* Field Crew Member 1	\$73.00
IT Coordinator	\$134.00
IT Technologist	\$100.00
Administrative 2	\$85.00
Administrative 1	\$74.00
Project Administration	\$100.00
Intern	\$49.00
Operations Manager	\$135.00
Licensed Operator	\$103.00
Operator	\$82.00-92.00