

**SUBJECT:** Award of proposal number 24-161P to Steph Engineering, LLC for the contract amount of \$245,245.00 to perform a city Water Distribution System Condition assessment in Talkeetna.

**AGENDA OF: November 19, 2024**

**ASSEMBLY ACTION:**

Approved under the consent agenda 11/19/24 - *EMW*

**AGENDA ACTION REQUESTED:** Present to the Assembly for consideration.

Route To:	Signature	
Purchasing Officer	X Rustin Krafft Signed by: Rust Krafft	11/6/2024
Public Works Director	X Tom Adams, P.E. Signed by: Tom Adams	11/6/2024
Finance Director	X Cheyenne Heindel Signed by: Cheyenne Heindel	11/6/2024
Borough Attorney	X Nicholas Spiropoulos Signed by: Nicholas Spiropoulos	11/6/2024
Borough Manager	X Michael Brown Signed by: Mike Brown	11/6/2024
Borough Clerk	X Brenda J. Henry for Signed by: Brenda Henry	11/8/2024

**ATTACHMENT (S):** Scope of Services (2p)

**SUMMARY STATEMENT:** On June 5, 2024, the Matanuska-Susitna Borough Purchasing Division issued a solicitation requesting proposals from qualified firms for engineering services for a water distribution system condition assessment in Talkeetna, Alaska to support asset useful life forecasting, capital improvement plan development, and other water system planning processes for Talkeetna Sewer & Water utility. Services purchased will support the Public Works Department in assembly district #7.

In response to the advertisement, one proposal was received. A proposal evaluation team made up of Borough Public Works staff evaluated the proposal and determined Steph Engineering could perform the needed services for the Borough.

The completion date for this project is September 15, 2025.

In accordance with MSB 3.08.170(B), Administration requests authority to modify the resulting contract completion date by 90 days for unforeseen circumstances.

The Public Works Department, Pre-Design & Engineering Division will be administering the contract.

**RECOMMENDATION OF ADMINISTRATION:** Approve the subject action memorandum.

## MATANUSKA-SUSITNA BOROUGH

## FISCAL NOTE

Agenda Date: November 19, 2024

SUBJECT: Award of proposal number 24-161P to Stephl Engineering, LLC for the contract amount of \$245,245.00 to perform a city Water Distribution System Condition assessment in Talkeetna.

FISCAL ACTION (TO BE COMPLETED BY FINANCE)	FISCAL IMPACT <b>YES</b> NO
AMOUNT REQUESTED \$245,245	FUNDING SOURCE Sewage and Water Facilities Cap. Proj./ARPA
FROM ACCOUNT # 415/475.000.000 4xx.xxx	PROJECT#25053/47534
TO ACCOUNT :	PROJECT #
VERIFIED BY: <div><div>X</div><div>Liese l W e i l a n d</div><div>Signed by: Liese l W e i l a n d</div></div> <div>11/6/2024</div>	CERTIFIED BY:
DATE:	DATE:

## EXPENDITURES/REVENUES:

(Thousands of Dollars)

OPERATING	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
Personnel Services						
Travel						
Contractual						
Supplies						
Equipment						
Land/Structures						
Grants, Claims						
Miscellaneous						
TOTAL OPERATING						

CAPITAL	245.2					
---------	-------	--	--	--	--	--

REVENUE						
---------	--	--	--	--	--	--

## FUNDING:

(Thousands of Dollars)

General Fund	194.7					
State/Federal Funds	50.5					
Other						
TOTAL	245.2					

## POSITIONS:

Full-Time						
Part-Time						
Temporary						

ANALYSIS: (Attach a separate page if necessary)

PREPARED BY: \_\_\_\_\_ PHONE: \_\_\_\_\_

DEPARTMENT: \_\_\_\_\_ DATE: \_\_\_\_\_

11/6/2024

X

Cheyenne Heindel

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

Signed by: Cheyenne Heindel

## **SCOPE OF SERVICES**

### **24-161P, Talkeetna Water Distribution System Condition Assessment**

---

The Matanuska-Susitna Borough (MSB) is seeking professional engineering services for a water distribution system condition assessment in Talkeetna, Alaska to support asset useful life forecasting, capital improvement plan development, and other water system planning processes.

The Talkeetna water distribution system consists of 26,000 linear feet of class 52 ductile iron pipe water mains that were installed beginning in 1988. Pipe diameters vary from 8 inches to 12 inches and are located throughout streets and alleyways in downtown Talkeetna. Refer to the attached Talkeetna water system map for approximate location. Construction as-builts for the system will be made available to the selected consultant by the MSB upon contract award.

#### **Duties and Qualifications:**

The Consultants shall perform and be knowledgeable and experienced in the following:

- Non-destructive inspection and condition assessment of all water mains.
- Sub-contracting with condition assessment vendors of available and non-destructive inspection and condition assessment technologies.
- Management of condition assessment vendors and vendor contractors.
- Collect soil samples for corrosivity testing (resistivity, pH, etc.) in vicinity of water distribution lines at a minimum of four (4) locations distributed throughout the system.
- Analyze the soil sample for pipe corrosivity using a qualified laboratory.
- All activities related to permitting and working safety that are compliant with local, state, and federal regulations.
- Format any resultant condition assessment data into MSB's Geospatial Information System (GIS), Computerized Maintenance Management System (CMMS), or other data format approved by the MSB.
- Describe and summarize the findings from the condition assessment(s) into a draft report. After MSB review and comment, revise and submit a final report.
- Coordination with the MSB Pre-Design & Engineering Division Project Manager regarding water distribution system data and information, impacts to the water service(s), and Earned Value Management of contract task orders.

#### **Deliverables**

Draft and Final Condition Assessment Report shall be submitted including all testing results, soil sample analysis, photographs, and other relevant information found during the project.

The report shall include an analysis of existing pipe conditions, identification of any leaks, damaged valves, hydrants and other deficiencies, an estimated remaining useful life for the various pipelines. The report shall provide recommendations for repairs and replacements, as warranted, along with the cost to replace the water

system pipeline segments and components based on current construction costs. The consultant should also provide an estimated cost to replace the entire system in three or four phases over time as part of a replacement program for budgeting purposes. Cost estimates shall be developed to the conceptual (10%) level and include all project-related design, permitting, and construction costs.

### **Schedule**

All work shall be conducted during normal business hours, Monday through Friday, 8 a.m. to 5 p.m. Work outside these hours may be allowed with approval from the MSB Project Manager.

The work shall follow the general timeline outlined below:

Notice to Proceed & Project Kick-off	July 2024
Condition Assessment Fieldwork	August 2024
Draft Report	September 2024
Final Report	October 2024