



City of Blaine Anoka County, Minnesota

Blaine City Hall
10801 Town Sq Dr NE
Blaine MN 55449

Legislation Text

File #: MO 21-29, Version: 1

ADMINISTRATION - *Jon Haukaas -Director of Public Works*

AUTHORIZE THE MAYOR AND CITY MANAGER TO ENTER INTO A CONTRACT WITH TKDA FOR PROFESSIONAL ENGINEERING SERVICES FOR THE LIFT STATION 13 FORCE MAIN PROJECT, PROJECT NO. 21-30

In the past year, the City has had two failures of the Lift Station 13 sanitary sewer force main under the I-35W Service Drive. Upon excavation of these failures, it was discovered that the cement mortar lining on the inside of the pipe at the failure locations is almost entirely gone and severe corrosion of the pipe had occurred. It is unknown if the corrosion issues are limited to certain areas or are representative of a significant portion of the force main.

Lift station 13 and the approximately 4,440 feet of associated 20" diameter force main is considered a critical component of the City's sewer system. Due to the continuous length of the force main run and the need to cross a county highway, attempting to bypass this force main in the event of an emergency is very difficult and costly.

Staff has asked six engineering firms for proposals to investigate and prepare a report and plans and specifications on the means, methods and details of:

- Installing a second, redundant force main.
- Modifications to Lift Station 13 and downstream receiving manhole needed for operating the new redundant force main in conjunction with the rehabilitated force main.
- How to best rehabilitate the existing 20" force main.
- How to best operate and utilize the two force main lines upon completion of the construction and rehabilitation project.

Proposals from the firms were received and reviewed by staff.
The proposals were as follows:

- TKDA - \$110,100
- Bolton & Menk - \$159,536
- SEH/SRF - \$114,800
- HDR - \$135,335

- WSB - \$73,439

Analyzing the proposals for overall value led staff to recommend TKDA be awarded the contract as having the best proposal based on the company's experience with related work, project team manager and key personnel, understanding of the project, suggested project approach, and overall value provided to the City.

Council is also asked to approve a 10% contingency to bring the total project budget to \$121,110.

This project will be funded through Sanitary Sewer Public Utility funds, from which \$650,000 has been budgeted in 2021 for Lift Station 13 improvements.

By motion, authorize the Mayor and City Manager to enter into a contract with TKDA in the amount of \$110,100 for the Lift Station 13 Force Main project, Improvement Project No. 21-08. In addition, authorize a 10% contingency to bring the total project budget to \$121,110 and authorize the Director of Public Works to sign all change orders up to the authorized project budget amount.