

City Council Meeting

Agenda Item

Data Sheet

Meeting Date: April 15, 2024

Topic:

Approve a Professional Services Agreement with Freese & Nichols, Inc. for the design of drainage improvements for North Star Estates, Project Number 2024-10008, for a not-to-exceed amount of \$59,193, authorize the expenditure of funds therefor, and authorize the City Manager to execute the agreement. This amount is to be paid from the Capital Improvement Project budget for fiscal year 2023-2024.

Background:

In 2020, the City of Tomball completed a project for drainage improvement in North Star Estates on Rigel Court that included the construction of a retaining wall and drainage channel stabilization to aid with erosion along the drainage channel. In November, staff was made aware that erosion issues were occurring adjacent to the site where the retaining wall was constructed and staff began working with Freese & Nichols, the original design consultant, to conduct a site investigation. The site investigation included observing and documenting existing conditions and comparing what was designed versus what was constructed to determine the cause and solution.

Freese & Nichols has met with staff and discussed the potential path forward in order to make the additional repairs needed to the drainage channel. The proposed project will consist of removing sub-optimal fill and replacing with acceptable fill, keying/benching and compacting imported select fill, and flattening the slope to a more gradual slope and armor with rock riprap.

The proposed Professional Services Agreement with Freese & Nichols for engineering services to design the needed improvements is for a not-to-exceed amount of \$59,193.

This project was not included in the approved FY 2023-2024 budget, but funding has been allocated in the CIP budget with a transfer from Unobligated Bond Funds remaining in the CIP budget from excess funds remaining after the construction of the Medical Complex project.

| Project Element | Total Contract | Remaining Contract Amount |
|-------------------------------------|--|----------------------------------|
| Engineering - FNI | \$59,193 | N/A |
| Estimated Construction | \$210,000 | N/A |
| Project Budget \$270,000 | Total Contracts & Estimates \$270,000 (with construction estimate) | Remaining Funding \$0 |

Origination: Project Management

Recommendation:

Staff recommends approving the Professional Services Agreement with Freese & Nichols, Inc. for the design of drainage improvements for North Star Estates for a not-to-exceed amount of \$59,193.

Party(ies) responsible for placing this item on agenda: Meagan Mageo, Project Manager

FUNDING (IF APPLICABLE)

Are funds specifically designated in the current budget for the full amount required for this purpose?

Yes: X No: If yes, specify Account Number: #400-154-6409

If no, funds will be transferred from account: # To Account: #

Signed: Meagan Mageo **Approved by:**
Staff Member Date City Manager Date