Legislation Text

File #: 2022-070, **Version:** 1

Consider a resolution authorizing the Mayor to execute an Engineering Services Contract with HDR Engineering, Inc. for the Meadows Area 2 & 4 Water, Wastewater, and Storm Drain Improvements.

The City previously performed an analysis and drainage assessment of the Old Town Meadows Neighborhood Area. This area has a history of local drainage issues and flooding as identified by residents, property owners, and City staff.

Under the previous Meadows Area Drainage Assessment, the City identified and quantified local flooding and determined the level of service provided by the existing drainage infrastructure. A hydraulic 2D model was developed that identified potential flooded habitable structures and flood inundation areas outside of public right-of-way. After the existing analysis was performed, preliminary concept flood mitigation solutions along with rough cost estimates were developed for each of the areas showing drainage issues. This contract includes services for designing a solution to these drainage issues within area 4 and 5 of the neighborhood.

Other utilities within the area were also evaluated. The City's existing water and wastewater systems located within the project limits revealed that these systesms are near the end of their service life and require replacement. The scope of replacing all water lines, wastewater lines and all service connections have been included as part of this contract.

This contract is for professional engineering services to design a solution for the existing drainage issues along with the design of new water and wastewater lines. The scope of services includes surveying, engineering analyses, design, permitting, preparation of construction drawings, bid and construction phase services. This contract is $996,316.12 and will be one of six total stormwater projects funded through the American Rescue Plan Act.

Cost: $996,316.12
Source of Funds: ARPA, Self-Financed Water Construction & Self-Financed Wastewater Construction