



**City Council
Agenda Item Summary Report**

Meeting Date: May 16, 2023			
Submitted by: John Casey, P.E. City Engineer Candy McQuiston, Capital Improvement Program Manager			
Consent X	Discussion Only	Public Hearing	Action/Discussion
Item Title: Consider a Resolution approving a Professional Services Agreement with Birkhoff, Hendricks & Carter, L.L.P. to provide consulting and design services for Irish Ridge Lift Station Upgrades Project and all related issues.			
Attachments: <ul style="list-style-type: none"> • Resolution • Professional Services Agreement – Reviewed by Legal 			

Item Summary:

The preliminary engineering phase will evaluate the existing lift station wet well, piping, electrical, valve vault, site, and generator to determine the capacity and sizing of potential pumps available. Pump sizes will be determined in order to reasonably maximize the available capacity in the existing force mains. The deliverable to the City for the preliminary engineering phase will be a summary memorandum of the recommended pump selection for the upgrade. Impacts on the existing electrical, piping, generator, and control panel from the recommended upgrades will be included in the preliminary report.

The final design phase will comprise of all design elements to implement the necessary upgrades, as directed by the City at the conclusion of the preliminary engineering phase. Included in the final design phase are the redesign of the wet well, electrical, site, piping, generator, SCADA and valve vault to address deficiencies that may be found in the preliminary engineering task. The recommended improvements will be aligned with applicable standards required by the Texas Commission on Environmental Quality (TCEQ).

The City seeks to engage Birkhoff, Hendricks & Carter, L.L.P. to provide professional engineering design services.

The total contract amount for the outlined scope of work is not to exceed \$142,200. Any additional services beyond the original scope of work are subject to review and acceptance by the City Manager before any additional costs are incurred.

Proposed Funding Source - CIP Utility Fund.

Staff recommends approval of the Resolution and project.