

# Mayor and Council Communication

DATE: 10/21/25

M&C FILE NUMBER: M&C 25-0984

LOG NAME: 20STORMWATER GIS DATA DEVELOPMENT

**SUBJECT**

(ALL) Authorize Execution of a Professional Services Agreement in the Amount of \$290,000.00 with Halff Associates, Inc., for Geographic Information Systems Services and Provide for Two Renewal Options

**RECOMMENDATION:**

It is recommended that the City Council authorize execution of a Professional Services Agreement, in the amount of \$290,000.00, with Halff Associates, Inc., for Geographic Information Systems Services and provide for two renewal options.

**DISCUSSION:**

Approval of this Mayor & Council Communication (M&C) will authorize execution of a Professional Services Agreement in the amount of \$290,000.00 with Halff Associates, Inc., to provide Geographic Information Systems (GIS) services data support for the Transportation and Public Works Department (TPW), Stormwater Management Division (SWMD).

The SWMD currently has approximately 267,501 assets in its inventory including inlets, manholes, drainage pipes, channels, flumes, drains, infalls, and outfalls. Updating the location and specific information of these assets in GIS helps the SWMD track maintenance needs, communicate and coordinate with others regarding potential impact to assets and/or partnership opportunities to improve assets, and make informed decisions regarding existing infrastructure improvement needs.

In order to help SWMD staff keep up with the growth in Fort Worth and the increased publicly owned drainage assets, Halff Associates, Inc. will:

1. Review plan sets and input stormwater assets into GIS. This will involve geo-referencing plan sets, additional related digitization, and entry of attribute data from plan sets in GIS format. Conduct quality assurance and quality control on existing and updated stormwater GIS datasets and geodatabases in accordance with the City’s established review protocols and develop or refine geoprocessing workflows to meet the new data design standards as required.
2. Provide training for current database workflows and procedures to City staff on an as needed basis.
3. Conduct a pilot study employing Artificial Intelligence (AI)/Machine Learning (ML) data extraction techniques to generate and populate GIS stormwater assets from construction as-built plan sets to evaluate the long-term feasibility of AI/ML for asset extraction from plans into GIS.

In May 2025, TPW and SWMD published a Request for Qualifications (RFQ) for various professional consulting services for stormwater management program needs. Twelve consultants responded to the RFQ for the Information Management category with Statements of Qualifications (SOQ). An evaluation team of two City staff subject matter experts from the TPW Business Support Team scored the SOQ’s based on team expertise, and project technical leader, project manager and firm project experience. A pool of five consultants was selected based upon these scores to be matched with specific projects. Based on this scoring, Halff Associates Inc. was selected to perform the work for this project.

Proposers	Evaluation Factors					
	a.	b.	c.	d.	e.	Total
	25 pts	20 pts	10 pts	15 pts	30 pts	100 pts
Halff Associates, Inc.	23	18	8.5	13	26	88.5
Ecosystem Planning and Restoration, LLC	22.5	16.5	9	13	26	87
Freese and Nichols, Inc.	23	18.5	8	12.5	24.5	86.5
Lockwood, Andrews & Newnam, Inc.	22	17.5	8	13	25.5	86
Raftelis Financial Consultants, Inc.	21	18.5	8	12	25	84.5

The RFP document specified the use of the following Best Value Criteria:

- a. Team Expertise
- b. Project Technical Leader
- c. Project Manager- Experience

d. Project Manager- Project Examples

e. Firm Project Experience

Half Associates Inc. proposes to perform this work effort for a fee of \$290,000.00. Staff considers the fee to be fair and reasonable for the scope of services proposed. Funding is budgeted in the Stormwater Utility Fund for the TPW IT Services Department.

RENEWAL OPTIONS - This contract may be renewed for two additional terms at the City's option. This action does not require specific City Council approval, provided that the City Council has appropriated sufficient funds to satisfy the City's obligations during the renewal term.

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**FISCAL INFORMATION / CERTIFICATION:**

The Director of Finance certifies that funds are available in the current operating budget, as previously appropriated, in the Stormwater Utility Fund to support the approval of the above recommendation and award of the contract. Prior to any expenditure being incurred, the Transportation and Public Works Department has the responsibility to validate the availability of funds.

**Submitted for City Manager's Office by:**    Jessica McEachern    5804

**Originating Business Unit Head:**            Lauren Prieur            6035

**Additional Information Contact:**            Monty Hall                8662

Expedited