



City of Plantation
City Council Chambers

Subject:

Phase II of GIS Property Evaluation for Equivalent Residential Units and GIS Dashboard Project (Civil Engineering).

Summary:

Requesting authorization and approval of the following:

- Issue a work authorization/purchase order and process payment(s) to Kimley-Horn and Associates, Inc., for Civil Engineering Services relating to "Phase II of GIS Property Evaluation for Equivalent Residential Units and GIS Dashboard Project" as further described in the attached proposal for a total amount of \$93,075.00.

Procurement:

The Procurement Department has reviewed information/documentation provided by the Engineering Department and has concluded based on the information provided; that the rates utilized to determine the total provided in the attached proposal are in accordance with Agreement No. 083-24; Continuing Services Agreement for Civil Engineering between the City and Kimley-Horn and Associates, Inc.

This continuing services agreement (083-24) between the City and Kimley-Horn and Associates, Inc. is currently set to expire January 19, 2028. In addition, the use of this of this Agreement "continuing contract" for the mentioned work complies with Florida Statute 287.055 as the proposed "Study Activity" does not exceed \$500,000.00.

Based on the foregoing information, the Procurement and Engineering Departments requests authorization and approval of the following:

- Issue a work authorization/purchase order and process payment(s) to Kimley-Horn and Associates, Inc., for Civil Engineering Services relating to "Phase II of GIS Property Evaluation for Equivalent Residential Units and GIS Dashboard Project" as further described in the attached proposal for a total amount of \$93,075.00.

Background:**Strategic Priorities: Planning for a Sustainable Future; Balance Progress w/Traditions; Proactive and Responsive Asset Management.**

The City currently calculates stormwater utility fees using Equivalent Residential Units (ERUs), which are based on a 2012 analysis of impervious area for each property within the established stormwater fee zones. Although a more recent impervious surface GIS dataset was developed in 2020 as part of the Stormwater Master Plan, that dataset was intended for planning purposes only and does not reflect the required accuracy for stormwater fee collection purposes.

To ensure the City's stormwater utility fees are based on accurate, up to date impervious area data, the City engaged Kimley-Horn on February 28, 2026, under Contract No. 083-24, to provide professional GIS assistance (Phase I) in the amount of \$24,500.

Following completion of Phase I and review of all properties, the City is now prepared to proceed with Phase II, which will update impervious area data across all property types. Phase II includes the following tasks:

- GIS Impervious Update – Single-Family Parcels
- GIS Impervious Update – Commercial Parcels
- GIS Impervious Update – Exempt Parcels
- Analysis of Special Districts (Midtown and CRA)
- Analysis of ERU scenarios associated with the Stormwater Rate Study

Accurate impervious area calculations are essential for defining ERUs and ensuring that the base stormwater utility fee is applied fairly and consistently across all properties. Updating this dataset is critical to maintaining an equitable and defensible stormwater utility program.

This request seeks authorization to proceed with Phase II of the project with Kimley-Horn in the amount of \$93,075.

This item is now ready for City Council consideration.

Funding:

460-5200-538-3102 Consultants

Amount:

\$93,075.00

Finance Director/Budget Manager Recommendation:

Phase II of the GIS Property Evaluation for Equivalent Residential Units and GIS Dashboard

Project (Civil Engineering) will be funded by Stormwater Fund, Fund Balance.

Prepared By:

Charles Spencer

ATTACHMENTS:

[Technical Memo- Stormwater GIS Analysis.pdf](#)

[Phase II - GIS Property Evaluation for Equivalent Residential Units & GIS Dashboard Development.pdf](#)

[Agreement_Kimley_executed.pdf](#)