



CITY OF HOUSTON - CITY COUNCIL

Meeting Date:

ALL

Item Creation Date: 10/12/2020

HPW-20PDP55 Harris County ILA for Street Level Imagery and Data Services

Agenda Item#:

Background:

SUBJECT: Interlocal Agreement between the City of Houston and Harris County for the purpose of acquiring and sharing high-resolution street-level imagery tightly integrated with street-level LIDAR data and data extraction services.

RECOMMENDATION: Adopt an ordinance approving an interlocal agreement between the City of Houston and Harris County and authorize the allocation of funds for the City's cost share obligation in an amount not to exceed \$250,250.00.

PROJECT NOTICE/JUSTIFICATION: The City of Houston and Harris County desire to cooperate to acquire and share updated high-resolution street level imagery, LIDAR data and data extraction services.

This data shall be used for Houston Public Works operations, visualization and location of assets in the public right of way, drainage investigations and studies, floodplain management, permitting support, infrastructure planning, disaster planning and damage assessment.

Harris County will acquire data extraction services to extract finished floor elevations for all structures visible from the public right of way in Harris County including the Houston City Limits.

This extracted data shall include position and elevation data that is tied to Harris County reference marks and to the current horizontal datum, North American Datum (NAD) 1983 and current vertical datum, North American Vertical Datum (NAVD) 1988, 2001 Adjustment.

The City of Houston shall share in the cost of data extraction services in exchange for cloud- based software access to the data and the use of a web-based client that includes measuring tools.

LOCATION: City-wide within the limits of Harris County

SCOPE OF THE AGREEMENT AND FEE: Harris County's overall project scope includes street level imagery capture in areas outside of the city limits and data extraction services for finished floor elevations throughout the County. The total project cost is \$2,633,800.00. Within the total project cost, the total data extraction services for finished floors is \$1,210,000.00. The City of Houston share of the project cost is \$250,250.00 for finished floor extraction within the City Limits. The contract term shall expire November 11, 2021. The County and City may amend this agreement to extend the contract and contribute the associated funding.

FISCAL NOTE: Funding for this item is included in the FY2021 Adopted Budget. Therefore, no fiscal note is required as stated in the Financial Policies.

Estimated Fiscal Operating Impact			
Fund Name	FY21	Out-years	Total
Water and Sewer	\$250,250.00	\$0	\$250,250.00
System Operating Fund (8300)			
Total	\$250,250.00	\$0	\$250,250.00

DocuSigned by:

Carol Ellinger Haddock

10/16/2020

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Carol Ellinger Haddock, P.E.
Director
Houston Public Works

Amount of Funding:

\$250,250.00 – Water and Sewer System Operating Fund (8300)

Contact Information:

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ATTACHMENTS:

APPENDIX

Description

Interlocal Justification Form
Budget vs Actual 20PDP55 HC ILA Street Level Imagery and
Data Services

Type

Backup Material
Financial Information