



AGENDA MEMORANDUM

First Reading for the City Council Meeting of December 14, 2021

DATE: December 14, 2021
TO: Peter Zaroni, City Manager
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Professional Services Agreement
Pavement Condition Evaluation Survey & Pavement Management Software System
(Public Works – Streets & Storm Water)

CAPTION:

Motion authorizing a professional services contract with HVJ Associates, Inc. of Austin, Texas, for an amount not to exceed \$1,435,519.35 for Pavement Condition Evaluation Survey & Pavement Management Software System Project of which \$1,190,513.53 from the Street Fund and \$245,005.82 from the Storm Water Operations Fund.

SUMMARY:

This ordinance authorizes a professional services contract with HVJ Associates, Inc. of Austin, TX to update the City of Corpus Christi's ("City") pavement condition data by surveying and assessing all streets and roadways in the City's street network, provide a recommended pavement rehabilitation and maintenance program with a five-year schedule of projects, inventory certain transportation and storm water infrastructure assets in the City's rights-of-way, and implement a novel comprehensive pavement/asset management software platform with 2 years of included technical support and staff training.

BACKGROUND AND FINDINGS:

The Pavement Condition Index (PCI) is a numerical tool used to characterize general street conditions and is the industry's primary indicator for street maintenance, repairs, rehabilitation, and reconstruction and was last reviewed in 2018. This project will provide an updated pavement evaluation that will aid in the development of the 5-year Infrastructure Management Plan (IMP).

The entire project is anticipated to last a total of 15 months. Data collected will be used to plan for street maintenance activities and project rosters included in the FY 2027-2030 Infrastructure Management Programs.

The scope of work includes several deliverables to be delivered to the City as described below:

- A calculated PCI score for every roadway segment in the City's street network.
- Inventories of the following right-of-way infrastructure assets:
 - Streets in-network and their pavement widths
 - Curb and gutter facilities
 - Pavement markings and striping
 - Traffic signs
 - Sidewalks and sidewalk ramps; ADA compliance indicators will be generated for sidewalk ramps citywide
 - Improved alleys
 - Guardrails
- Pavement management software and two-year technical support

PROCUREMENT DETAIL:

In June 2021, the Procurement Division of Finance conducted a competitive Request for Qualifications to (RFQ, No. 3619) to obtain responses from qualified firms that provide Pavement Condition Evaluation Survey and Pavement Management Software System Services. The City received seven responses and evaluated them against the published criteria via a two-round selection process involving staff from Public Works, Information Technology, Engineering Services, and Finance's Contracts and Procurement Division. In July 2021, in-person interviews were conducted for the top five scoring firms from the technical bid proposal review. The City selected HVJ Associates, Inc., the highest scoring firm, and contract negotiations were conducted beginning September 2021 and concluding November 2021. Staff recommends awarding this professional services agreement to HVJ Associates, Inc.

ALTERNATIVES:

City Council could choose not to authorize the professional services contract with HVJ Associates, Inc., which would force Public Works to use outdated PCI data originally produced by the 2018 pavement condition assessment to guide the planning of the FY 2027-2030 Infrastructure Management Programs.

FISCAL IMPACT:

The fiscal impact in FY 2022 for Public Works is \$1,435,519.35, of \$1,190,513.53 will be expensed from the Street Maintenance Fund and the remaining balance of \$245,005.82 will be expensed from the Storm Water Fund.

Funding Detail:

Fund:	1041	Street Fund
Organization/Activity:	12403	Street Planning
Mission Element:	052	Plan and develop the street system
Project # (CIP Only):	N/A	
Account:	530000	Professional Services
Amount:	\$703,463.45	
Fund:	4300	Storm Water Fund
Organization/Activity:	32000	Administration
Mission Element:	043	Drainage infrastructure, surface pipes
Project # (CIP Only):	N/A	
Account:	530000	Professional Services
Amount:	\$141,760.37	

RECOMMENDATION:

Staff recommends award of the contract to HVJ Associates, Inc., in an amount not to exceed \$1,435,519.35, of which \$845,223.37 is anticipated to be expensed in FY 2022.

LIST OF SUPPORTING DOCUMENTS:

- Exhibit: City Street Network
- Professional Services Agreement
- Bid Evaluation Matrix
- Certification of Funds
- PowerPoint Presentation