



## CITY COUNCIL MEMORANDUM

**FROM:** The Office of the City Manager   **DATE:** June 26, 2023

**SUBJECT:** Authorize the City Manager to execute a contract with H2O Partners, Inc., to provide pavement analysis services for the Street Assessment Project using the Houston-Galveston Area Council cooperative purchasing contract HGACBuy HP08-21 in an amount not to exceed \$143,878.

**PRESENTER:** Boe Blankenship, Assistant Director of Public Works Operations

### **SUMMARY:**

Authorize the City Manager to execute a contract with H2O Partners, Inc., to provide pavement analysis services for the Street Assessment Project using the Houston-Galveston Area Council cooperative purchasing program agreement in an amount not to exceed \$143,878. The funding will be utilized from the Street Assessment Project (ST2302) in the city's approved Capital Improvement Projects (CIP) budget.

### **GENERAL DESCRIPTION:**

The Street Assessment Project (ST2302) was approved in this year's CIP budget to provide a pavement management program that will increase the condition and rideability of our roadway network and a long-term plan for future pavement maintenance.

The proposed services include data collection on roadway pavement, sidewalks, pavement markings and ADA ramps throughout the city. The data will be collected via a Roadway Asset Collection Van equipped with 360-degree right-of-way camera, certified 3-Laser profiler to identify rutting and roughness, global positioning system, and a laser crack measuring system that will assess the surface at almost 1.2 billion points per mile.

The project deliverables include pavement condition index scores for each roadway segment, pavement striping inventory on roadways designated as arterials or collectors, and a pavement management program as a tool to continue to improve the city's roadway network. The purchase also includes a Budget Optimization Street Selector (BOSS) pavement report and multiyear plan. This program will allow the input of annual completed street work which then adjusts the plan recommendations and the pavement condition index. This flexibility also allows for fluctuating funding amounts, which can occur over the course of a multi-year program, while continuously pointing to the most effective use of street maintenance funds like the Preventive Street Maintenance Program.



**RECOMMENDATION:**

Authorize the City Manager to execute a contract with H2O Partners, Inc., to provide pavement analysis services for the Street Assessment Project (ST2302) using the Houston-Galveston Area Council cooperative purchasing contract HGACBuy HP08-21 in an amount not to exceed \$143,878.