



THE CITY OF KEY WEST  
Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3700

## EXECUTIVE SUMMARY

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**Date:** June 14, 2022

**To:** Patti McLauchlin, City Manager

**From:** Alison Higgins, Sustainability Coordinator

**Cc:** Christina Bervaldi, Finance Director  
Steve McAlearney, Ports / Engineering Director

**Subject:** Interlocal Agreement with Monroe County for the City of Key West's share of Keyswide LiDAR elevation surveying and mapping services.

### Action Statement

Authorize City Manager to approve an Interlocal Agreement (ILA) with Monroe County, approving \$278,109 for Mobile LiDAR surveying and \$6,475 for quality control, third party review of the data, to be paid from the FDEP Coastal resilience Planning Grant.

### Background

The City was awarded a \$905,000 grant from the Florida Department of Environmental Protection's Coastal Resilience Planning Grants. One of the major tasks of the grant is to procure mobile LiDAR elevation surveying and mapping for the purpose of completing a Vulnerability Assessment and 2 Chapters of the Key West Adaptation Plan.

Monroe County, who has already completed mobile LiDAR surveying for unincorporated areas, led the effort to create an economy of scale for all 5 incorporated municipalities (Key West, Layton, Marathon, Key Colony Beach and Islamorada) by hosting the procurement and contracting for a second round of mobile LiDAR, thereby enabling resilience planning for the entire keys.

All 5 municipalities participated in the creation of the procurement documents and proposal scoring, resulting in the selection of Wood Environment & Infrastructure Solutions, Inc for mobile LiDAR surveying and WSP USA for quality assurance, third party review of the data. The final Monroe County contract with Wood and WSP consists of the following mileage-based line-item charges per municipality:

Municipality	Mobile LiDAR	LiDAR Review	Total
Key West	\$ 278,109	\$ 6,475	\$ 284,584
Islamorada	\$ 115,981	\$ 6,105	\$ 122,086
Key Colony Beach	\$ 10,223	\$ 555	\$ 10,778
Layton	\$ 4,586	\$ 185	\$ 4,771
Marathon	\$ 145,101	\$ 5,180	\$ 150,281
Totals	\$ 554,000	\$ 18,500	\$ 572,500

## **Purpose and Justification**

Per the ILA, the Monroe County and the City of Key West will work together to provide guidance to the contractors for Key West roads. The County is the contract holder and they nor the City can authorize a change in contract amount without the consent of the other.

The contractor will send invoices to the County and the City for any work performed in the City. Upon city staff approval of the invoice, the City will provide an electronic funds transfer to the County for the invoiced amount. Upon receiving the funds from the City, the County will pay the Contractor.

Acquisition of mobile LiDAR is part of the City's Adaptation Plan and fulfills Strategic Plan Priority #2, Goals #3 & 4. The hosting of the contract by the County both reduces financial and labor burdens of City staff and ensures that all local governments are planning alongside the same baseline.

## **Financial Issues**

The procurement of LiDAR is fully reimbursable by FDEP, via the announced \$905,000 Coastal Resiliency fund award. It is budgeted in the FY22 and FY23 Adaptation and Sustainability Fund for Professional Services: 108 3806 538 3100.

## **Recommendation**

Staff recommends authorizing City Manager approval of the Interlocal Agreement (ILA) with Monroe County, approving \$278,109 for Mobile LiDAR surveying and \$6,475 for quality control for reimbursement from the FDEP Coastal resilience Planning Grant.