



THE CITY OF KEY WEST  
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## **EXECUTIVE SUMMARY**

**Date:** February 02, 2021

**To:** Gregory W. Veliz, City Manager

**From:** Johnnie Yongue PE, Project Manager

**Cc:** Patti McLauchlin, Assistant City Manager  
Mark Finigan, Finance Director  
Steve McAlearney, Engineering Director

**Subject:** Approve Task Order 1 to Atkins of North America for Smathers Beach Post Construction Annual Monitoring

### **ACTION STATEMENT**

Award a task order to Atkins of North America, Inc (Atkins) in the amount of \$142,076.00 for Smathers Beach Post Construction Annual Monitoring. Authorize the City Manager to execute this task order and any necessary budget transfers/amendments.

### **BACKGROUND**

The City of Key West (City) issued a general services contract to Atkins for environmental engineering services on March 23, 2020.

Since April 29, 2016, the City approved four separate task orders with Atkins to study and confirm erosion caused by Hurricane Irma, design sand placement, coordinate permitting, monitor construction of sand placement, and perform immediate and six-month post construction monitoring services. The total of all task orders approved so far is \$287,716.25.

Monitoring of the physical and biological conditions immediately surrounding the construction area is required by the monitoring plan proposed by the City and approved by the Florida Keys National Marine Sanctuary (FKNMS) as a stipulation of the permit to re-nourish Smathers Beach in 2019.

The scope of work for this task order includes sediment sampling, bathymetric surveying, recording and calculating seagrass coverage and limits of adjacent seagrass beds, to determine the

extent that recent sand placement has impacted the surrounding habitat. Final product will be two separate monitoring reports delivered to FKNMS describing the findings.

### **PURPOSE AND JUSTIFICATION**

As a stipulation of the permit approval to conduct sand placement on Smathers Beach in 2019, the City agreed to perform annual monitoring of the beach's physical and biological conditions for five years after completion of sand placement. Annual monitoring had been requested by the FKNMS after observing recent seagrass die offs in the waters of Monroe County.

This resolution supports Key West Strategic Plan Infrastructure Goal #4: *Long term sustainability of the City's hard assets.*

### **FINANCIAL**

The project lump sum cost for field monitoring and reporting is ***One hundred forty two thousand and seventy six dollars (\$142,076.00)*** for two separate annual monitoring events that include lodging and per diem for Atkins' field team. Project funding comes from the Fort Taylor Surcharge fund 103 account number 103-1900-519-4600, Project Account FT19001801.

### **RECOMMENDATION**

Staff recommends awarding the task order to Atkins of North America, Inc in the amount of \$142,076.00 for Smathers Beach Post Construction Annual Monitoring. Authorize the City Manager to execute this task order and any necessary budget transfers/amendments.

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City Manager/ACM