



## THE CITY OF KEY WEST

Post Office Box 1409 Key West, FL 33041-1409 (305) 809-3700

MEMORANDUM

**TO:** Jim Scholl, City Manager  
Greg Veliz, Assistant City Manager

**FROM:** John Paul Castro, Utilities Director

**DATE:** February 13, 2019

**SUBJECT: Approving the Task Order 19-01 from Perez Engineering & Development, Inc. for Professional Civil Engineering Services to Improve Hydrologic Conditions in the Salt Ponds at Government Road**

**Action Statement:**

This resolution will approve a task order 19-01 from Perez Engineering & Development, Inc. for professional civil engineering services to improve hydrologic conditions in the salt ponds at Government Road pursuant to general engineering services contract pursuant resolution 17-207 in an amount not to exceed \$34,490.

**Background:**

When Government Road was constructed, it altered the hydrology within the salt ponds by blocking historic flows. This project will allow Perez Engineering & Development, Inc. to proceed with engineering and design services to improve hydrologic conditions in the Salt Ponds through the restoration of a historic connection at the northernmost area of the salt ponds at Government Road. This canal and culvert are not part of the City's South Florida Water Management District stormwater drainage permit.

The City did not have authority to maintain the canal and culvert which has filled with sediment and been overgrown by mangroves. The north culvert is 1 or only 2 that drain the entire salt pond area between Linda Ave. and the airport. The canal has been all been completely choked off from the salt ponds. The water in the canal and pond nearest the culvert are often stagnant. These ponds that are not able to properly flow can fill with rain water that sits on top and can allow mosquitos to hatch.

**Purpose and Justification:**

The purpose of this task order is to provide permitting, environmental reports, mangrove impact calculations, and mitigation for the following tasks:

1. Conduct a pre-work site assessment to gather data on the current and historical conditions of the project area;

2. Prepare conceptual level plans and details for review with the City and for

*Key to the Caribbean – Average yearly temperature 77° F.*

coordination with permitting agencies;

3. Coordinate a pre-application with SFWMD and USACE to determine the permitting requirements for the project;
4. Prepare final construction plans for the City to review and for agency submittal;
5. Prepare and submit ERP application and documents for SFWMD and USACE;
6. Follow up and respond to agency RAI's.

City Staff has reviewed the fee schedule and the rates match those of the approved contract. The level of effort and labor mix is appropriate for the requested task.

**Financial Impact:**

Project number ST38031902 was budgeted for \$85,000 in Stormwater/Renewal and Replacement/CIP account 402-3803-538-6500.

**Recommendation:**

City staff recommends approving Task Order 19-01 for professional civil engineering services from Perez Engineering & Development, Inc to improve hydrologic conditions in the salt ponds of at Government Road in the amount of \$34,490.00 pursuant to general engineering services contract 17-207.