



---

THE CITY OF KEY WEST  
1300 White Street, Key West, FL 33040 (305) 809-3700

## EXECUTIVE SUMMARY

**TO:** Jim Scholl, City Manager

**FROM:** Jim Bouquet, P.E., Engineering Director

**DATE:** March 12, 2018

**RE:** Former Keys Energy Diesel Plant Engineering Assessment

---

### ACTION STATEMENT

Authorize City Manager to execute AMEC Foster Wheeler Environment & Infrastructure, Inc. proposal in the amount of \$34,291.12 to provide Engineering Design Assessment Services for stabilization the Former Keys Energy Diesel Plant. Authorize any necessary budget transfers.

### BACKGROUND

The City of Key West (City) recently acquired the Key West Diesel Plant (the Site). The Site consists of five buildings identified as Building I (100 Angela Street), Building II (709 Fort Street) and Buildings III, IV and V (101 Geraldine Street). The Site also includes the Fort Street Extension right-of-way (ROW). On behalf of the City, AMEC Foster Wheeler, Inc. (AMEC) previously performed a Structural Condition Assessment for stabilization of Building I and demolition of remaining structures, subject to determination by the City's Chief Building Official (CBO). The CBO, in an Order dated February 21, 2018 (Order) issued a determination with conditions that Buildings I and II be stabilized and remaining structures demolished.

Subsequently, the City Commission approved Resolution 18-088 requesting the Historical Architectural Review Commission (HARC) review the CBO's decision and provide the Commission with recommendations for the Site.

To further assess the structures originally intended for demolition and provide recommendations and costs to stabilize consistent with conditions established by the CBO in the Order, Engineering Services requested a proposal from AMEC to:

1. Perform a site visit by a Professional Structural Engineer and conduct laser scanning to develop a three-dimensional projection of the Site buildings. Laser scanning provides data and measurement from areas not easily accessible or where not originally considered.

2. Evaluate laser scanning data.
3. Document existing conditions and determine structural elements requiring repair, strengthening and replacement. Assessment will consider repairs noted in the Order and conditions for “shell buildings” including:
  - Storm resistant roofing
  - Closing of all opening
  - Structural repairs to exterior walls using historic brick and mortar compatible with existing, with exterior repairs to be approved by HARC
4. Develop cost estimates to repair each building consist with CBO conditions. Cost estimates will be provided for each of five buildings. Cost estimate will also include design and asbestos and lead based paint abatement necessary to complete repairs/stabilization.
5. Prepare a technical memorandum documenting assessment, recommendations, conclusions, noted repairs and cost estimates.

AMEC’s attached proposal dated March 8, 2018 in the amount of \$34,291.12 addresses the requested scope of work.

## **PURPOSE AND JUSTIFICATION**

An engineering design assessment for the five (5) Site buildings will provide City Commission with baseline information, including necessary repairs and costs, for stabilization of Site structures.

## **FINANCIAL**

AMEC’s proposed fee of \$34,291.12 is fully funded under budget account 303-1900-519-6200, Keys Energy Diesel Plant Stabilization (CP19001801).

Services will be performed in accordance with AMEC’s General Engineering Services Agreement with the City dated October 6, 2017. AMECs proposed fee and labor hours and found consistent with the required scope of work.

## **RECOMMENDATION**

Staff recommends the City Commission authorize City Manager execute AMEC’s proposal in the amount of \$34,291.12 to provide Engineering Design Assessment Services for stabilization of the Former Keys Energy Diesel Plant and authorizing any necessary budget transfers.