



THE CITY OF KEY WEST

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EXECUTIVE SUMMARY

DATE: April 13, 2020

TO: Gregory W. Veliz, City Manager

FROM: John Paul Castro, Utilities Director

Cc: Patti McLauchlin, Assistant City Manager

SUBJECT: **Approving the Task Order for Engineering Design and Technical Services for the Stormwater Outfalls Phase I Project to Perez Engineering and Development, Inc., in the Amount of \$461,170.00.**

Action Statement:

This resolution will approve the task order for engineering design and technical services to install tide valves on the stormwater outfalls, from Perez Engineering and Development, Inc., under the General Engineering Services Agreement, pursuant to Resolution 17-207, in the amount of \$461,170.00.

Background:

Design and technical services are necessary to determine the best method to install tide valves on the stormwater outfalls and will be reimbursed through the Hazard Mitigation Grant Program (HMGP).

Federal Emergency Management Agency (FEMA) awarded the city Hazard Mitigation Grant funding for Phase I design of the tide valve installation project, FEMA number 4337-231-R, which was approved by the City Commission on January 7, 2020, as Resolution 20-006. This agreement provides up to \$504,373.00 in Federal share costs at the current rate of 53% FEMA / 47% City. If FEMA approves the City's request for additional project funds, the cost share could be increased up to the maximum Federal cost share of 75% of the total task order billable costs, which is calculated to be \$345,877.50. If the Federal share is increased to the maximum 75%, the local share of this task order for engineering design and technical services will be \$115,292.50, which is 25% of the total task order billable costs.

MEMORANDUM

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

Purpose and Justification:

Approval of this task order for survey, technical feasibility, and design of the tide valves is necessary for development of construction plans, Invitation to Bid documents, and permitting.

Installation of tide valves on the stormwater outfalls will prevent high tide waters from rising into the stormwater drainage system and inundating city streets with seawater that impedes traffic and results in damage to vehicles and properties.

Task order is in accordance with the Agreement between The City of Key West and Perez Engineering and Development, Inc. Staff is recommending acceptance of the task order.

Options:

1. Approve the task order from Perez Engineering & Development, Inc. to survey, provide technical services, develop construction plans, estimate construction costs, and permit tide valve installations on stormwater outfalls, in the amount of \$461,970.00. This option will allow the city to complete phase I of the tide valve installation project and utilize grant funding to achieve this objective.
2. Do not approve the task order from Perez Engineering and Development, Inc. to provide engineering design and technical services for tide valve installations on stormwater outfalls. This option will not allow the city to complete phase I of the tide valve installation project. Grant funding to achieve this objective will be foregone.

Financial Impact:

Tide valves and outfall improvement project is funded in the stormwater utility construction account 4023802-5386500 Construction in Progress, Project Number ST38021901, in the amount of \$942,500.

Recommendation:

Staff recommends option number 1, approve the task order from Perez Engineering and Development, Inc., to provide engineering design and technical services for tide valve installations on stormwater outfalls, in the amount of \$461,970.00; and authorize the City Manager to execute the contract, upon consent of the City Attorney.