



THE CITY OF KEY WEST

3140 Flagler Ave Key West, FL 33040 (305) 809-3792

M
E
M
O
R
A
N
D
U
M

TO: Jim Scholl, City Manager

Cc: E. David Fernandez, Asst. City Manager – Operations
Mark Finigan, Asst. City Manager - Administration

FROM: Doug Bradshaw, Senior project Manager

DATE: April 19, 2011

SUBJECT: Caroline Street Infrastructure and Streetscape Design Task Order for Perez Engineering

ACTION STATEMENT:

This request is to approve Task Order # 11-005 in the amount of \$302,755 from Perez Engineering to furnish general engineering services to the City of Key West to perform Engineering Design and Technical Services for Caroline Street and Trumbo Road Improvements through utilizing approved TIF funding.

The agreement will be executed pursuant to F.S. 287.055 (CCNA), City Code 2-841, and the City's contract with Perez Engineering approved by Resolution #07-332 and extended and amended through Resolution #10-294.

BACKGROUND:

Caroline Street has a mix of residences and businesses; the businesses being in the area of lower elevation and greater flooding during storms and standing water after rains. Business operations and building structures are negatively impacted by vehicles splashing water on buildings and pedestrians. The road is in substandard condition due to a combination of inadequate maintenance and high groundwater which can completely infiltrate the entire base material at high tides. The deterioration and standing water make traveling by bicycle hazardous at best. Landscaping and lighting are minimal at best along the street.

Trumbo Road is used by the United States Coast Guard Station and residents to access businesses on Caroline Street and downtown, there is no sidewalk available. On either side of the paved road is an unkempt green space often used for dumping trash and waste concrete. Pedestrians walking from the School Board facility to Caroline for lunch have to travel in the street and often around standing water.

This project contemplates the following:

- A full survey of the right of way, including locations of all properties, utilities,

pavement and sidewalks, landscape, and elevations of adjacent yards and building finished floor elevations.

- Geotechnical testing
- Streetscape design (landscape design, architectural elements, lighting design, street furniture, etc.) plans
- Storm water design plans
- Roadway design plans
- Sidewalk design plans
- Project specification and bidding manual
- A report recommending future phasing of work to implement the plan
- Recommendations for coastal erosion control plan along Trumbo Road

The City applied for and was awarded TIF funding for this first phase of the project including design and construction documents. The City would apply for TIF funding in the coming years for construction of the project.

Perez Engineering has put together the following team to complete the project:

- Bill Horn, AIA
- Liz Newland, LA
- PSI, Inc. – Geotech
- Avirom & Associates or Reece Surveying – Survey

PURPOSE & JUSTIFICATION:

The purpose of this project is to create a full infrastructure and streetscape design for Caroline Street and Trumbo Road, and their transition to the adjacent side streets, which provides for improved visitor experience and residential lifestyle. The design will establish a long-term design plan that considers the historic nature of the area, including re-use of existing historic resources, but, plans for severe storms and increasing sea level.

OPTIONS:

1. Approve Task Order # 11-005 in the amount of \$302,755 from Perez Engineering to furnish general engineering services to the City of Key West to perform Engineering Design and Technical Services for Caroline Street and Trumbo Road Improvements
2. Disapprove the task order.

The advantage of option 1 is it allows the City to begin the process of improving the Caroline Street Corridor including reducing flooding issues and improving the roadway, lighting, and landscaping. By not approving the task order under the City's general engineering services agreement with Perez Engineering would delay the project as the City would have to seek a task order from another engineering firm currently under contract with the City or would have to go through the full Request for Qualifications bid process. City Staff feels that Perez Engineering is very well qualified to perform the task.

FINANCIAL IMPACT:

Key to the Caribbean – average yearly temperature 77 ° Fahrenheit.

Total amount is not to exceed \$325,000. The project is being funded through TIF funding (account #601-5503-555-6300) to cover the cost of the project. The cost breakdown is as follows:

Task 1 – Site Evaluation, Data Collection, and Survey	\$ 48,460
Task 2 – Preliminary Design	\$ 97,425
Task 3 – Final Design and Permitting	\$130,075
Task 4 – Bid Phase Services	\$ 5,295
Task 5 – Construction Phase Services	\$ 21,500

A full breakdown of the cost are attached. The hourly rates are consistent with the General Engineering Services agreement the City has with Perez Engineering.

RECOMMENDATION:

City staff recommends option # 1: Approval of Task Order # 11-005 in the amount of \$302,755 from Perez Engineering to furnish general engineering services to the City of Key West to perform Engineering Design and Technical Services for Caroline Street and Trumbo Road Improvements.