



THE CITY OF KEY WEST

3140 Flagler Ave Key West, FL 33040 (305) 809-3700

EXECUTIVE SUMMARY

TO: Jim Scholl, City Manager
FROM: Janet Muccino, Project Manager
CC: Greg Veliz, Asst. City Manager
Mark Finigan, Finance Director
Jim Bouquet, Engineering Director
DATE: May 29, 2018
SUBJECT: Resolution approving the award for Smathers Beach Renourishment

ACTION STATEMENT:

Award the Smathers Beach Renourishment to Earth Tech Enterprises, Inc. in the amount of \$1,236,160.00 for the Base Bid and Additive Alternates #1 through #3, authorizing City Manager execution of the contract, and approving any necessary budget amendments/transfers.

BACKGROUND:

Invitation to Bid 18-006 (Project FT19001801) is to place approximately 20,000 tons of sand on Smathers Beach in accordance with Florida Department of Environmental Protection (FDEP) and United States Army Corps of Engineers (USACE) permits. The bid also includes emergency berm rebuilds on Simonton, Dog and South beaches to replace sand loss from Hurricane Irma. The City has applied to FEMA for reimbursement of berm rebuild costs.

ITB #18-006 provides for Smathers Beach Renourishment (Base Bid) and Additive Alternates #1 through 3 to restore FEMA berms on Simonton, Dog and South Beaches respectively. Four (4) bids were received by the City Clerk on May 16, 2018. All bids were determined to be reasonable and responsive. Based on review of the received bids and projected FEMA reimbursement for cost, Engineering Services staff is recommending acceptance of the Base Bid and all three additive alternates. Based on this recommendation, total bid prices for the four submitted proposals are as follows:

1. Earth Tech Enterprises, Inc.	\$1,236,160.00
2. Charley Toppino & Sons. Inc. (CTS),	\$1,260,978.00
3. Eastman Aggregate Enterprises, Inc.	\$1,457,240.20
4. Dickerson Florida, Inc.	\$1,511,362.00

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

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As indicated above, Earth Tech Enterprises, Inc. is the apparent low bidder and subsequently recommended for contract award by Staff. Note that due to FEMA contractual requirements, Local Vendor Preference is not in effect for this project.

FINANCIAL IMPACT:

Smathers Beach Renourishment Project FT19001801 has \$1,036,762.25 remaining, funded from the Fort Taylor Surcharge Fund account 103-1900-519-4600.

Beach berm rebuild projects Alternates 1, 2 and 3 totaling \$50,920 will be funded via FEMA reimbursement under account 001-1910-519-6500 as indicated below:

Alternate #1	South Beach	HU1701G03	\$32,830
Alternate #2	Simonton Beach	HU1701G04	\$12,730
Alternate #3	Dog Beach	HU1701G05	\$ 5,360
<i>Total Berm Rebuild</i>			<i>\$50,920</i>

The Smathers Beach renourishment component of the total project cost is \$1,185,240. Of this total, \$123,750 (2,200 tons at \$56.25 per ton) will be submitted for FEMA reimbursement based on post-Irma survey under Project HU1701G02 / account 001-1910-519-6500 . Therefore, additional funding required is determined as follows:

Total Bid Including Alternates:	\$ 1,236,160.00
Minus FEMA Berm Reimbursement:	\$ (50,920.00)
Minus FEMA Smathers Reimbursement:	\$ (123,750.00)
Minus Available Funds:	<u>\$(1,036,762.25)</u>
Additional Funding Required:	\$ 24,727.75

The \$24,727.75 additional funds required to complete renourishment is available for transfer from the Fort Taylor Surcharge Fund account 103-1900-519-9803 to account 103-1900-519-4600 / Project FT19001801.

PURPOSE & JUSTIFICATION:

Beach renourishment is consistent with the Key West Strategic Plan, The Environment Goal #1: *A natural environment that enhances the “Key West experience” for residents and visitors alike*; Infrastructure Goal #3: *Parks and recreational areas that are accessible to all residents and visitors.*

RECOMMENDATION:

Engineering Services staff recommends awarding Smathers Beach Renourishment to Earth Tech Enterprises, Inc. in the amount of \$1,236,160.00 for the Base Bid and Additive Alternates #1 through #3, authorizing City Manager execution of the contract, and approving any necessary budget amendments/transfers.