



**THE CITY OF KEY WEST
1300 White Street
Key West, FL 33040**

**ITB #18 – 006 /SMATHERS BEACH RENOURISHMENT
ADDENDUM NO. 1**

This addendum (Addendum No. 1) is issued to clarify and/or modify the previously issued Bid Documents, and is hereby made part of the Bid Documents. All requirements of the Bid Documents not modified herein shall remain in full force and effect as originally set forth. Please attach this Addendum to the Documents in your possession.

Bidders:

Comments on the Bid Documents received from perspective bidders are presented below in regular font, the City responses are provided in **bold** font. The referenced Bid Documents are hereby addended in accordance with the following items:

1. What is the current estimate/budget for the Smathers Beach Re-Nourishment project?

The budgeted amount for Smathers Beach Renourishment is \$1,200,000

2. The bid indicates the bidder must be a licensed contractor, is this a 'General Contractors' license requirement or would we qualify as a certified Florida Underground and Utilities Contractor?

The bidder must be a Licensed Contractor in the State of Florida. It shall be the bidder's responsibility to provide evidence that under Florida State Statute the State License they possess qualifies the bidder to perform the contemplated work in strict accordance with the Contract Documents

3. Is there a list of permits approved upland mines available to us?

See Part 5 – Sand Specification of ITB #18-006

4. The Corps permit lists the approved mines as, ER Jahna - Ortona, Vulcan – Witherspoon, Cemex – Davenport, Cemex - Lake Wales, Stewart – Immokalee. And the DOC/NOAA permit lists the approved sand mines as: Ortona Sand Mine and Witherspoon Sand Plant in Moorehaven, and Palmdale Sand Mine in Palmdale. It would seem that the only 2 mines that meet both of these criteria are ER Jahna Ortona, and Vulcan Witherspoon. Is this correct? Are these the only 2 approved mines?

See Part 5 – Sand Specification of ITB #18-006. All mine listed are approved upland sand sources.

5. I see the Federal and State permits, but no County permit. Is there a County permit for the project?

No Monroe County permit is required for this project.

6. On page 2 of the FDEP QA/QC plan, under Table 1-Sediment Compliance Specifications, it list a Munsell spec of "10 or lighter". But that can't be right. The Munsell chart doesn't even go to a 10. And if it did it would be "absolute white". None of the sand mines can produce "absolute white" sand.

The Munsell spec of "10 or lighter" in the permit is an error. The correct specification should read "Munsell spec of "7 or lighter"."

7. The FDEP QA/QC plan does not list a spec/range for Mean Grain Size. What is the MGS spec/range?

See the attached Sand Source Comparison Table with data provided by the mines during the permit approval process.

8. Are Turbidity Barriers a requirement for Smathers? Any possibility of a variance?

Smathers Beach is located within the Florida Keys National Marine Sanctuary (FKNMS) and is considered an Outstanding Florida Waters (OFW). Turbidity barriers are required. No variance will be issued.

9. Are there any updated surveys available? Hydrographic, Seagrass, Hardbottom, etc.?
The surveys in the plans are 6 years old, and obviously do not represent current conditions. How close and where is the seagrass? hardbottom? water depths? etc. This would be helpful in properly developing a work method as well as planning how to lay out turbidity curtain.

The surveys and benthic habitat assessment/maps provided in ITB #18-006 are the most current available. A pre-construction survey and pre-construction benthic habitat assessment will be conducted prior to construction and the findings will be made available to the successful bidder. No major changes in the topography or benthic habitats are anticipated. Water depths are provided in the hydrographic surveys.

10. Please provide info on what approved staging and access areas will be provided.

The approved staging and access area is at the east service entrance to Smathers Beach. Limited staging of equipment may be approved by the City on the "bridle path" across South Roosevelt Blvd.

Sand Source Comparison Table

JOINT COASTAL PERMIT APPLICATION
SMATHERS BEACH MAINTENANCE PROJECT
KEY WEST, FLORIDA

SAND SOURCE COMPARISON TABLE

	Sand Source							
	Existing/Native			Proposed				
Parameter	Ortona Sand Mine 2009	Ortona Sand Mine 2010	Ortona Sand Mine 2011	Ortona Sand Mine 2012	Witherspoon Sand Plant	Stewart Mine	Davenport Sand Mine	Lake Wales Sand Mine
Effective grain size (mm)	0.209	0.233	0.238	0.238		0.20	0.17	0.20
Mean Grain Size (mm)	0.501	0.504	0.522	0.498	0.83	0.40	0.41	0.44
Median Grain size D50	0.463	0.468	0.476	0.458	0.80	0.38	0.44	0.45
Carbonate Content (%)	0	0	0	0	1.46	0.52	0.20	1.90
Munsell Color	10YR 8/1 to 10YR 7/1	10YR 8/1 to 10YR 7/1	10YR 8/1 to 10YR 7/1	10YR 8/1 to 10YR 7/1	10YR 7/1	10YR 8/1 to 10YR 7/1	10YR 8/1 to 10YR 8/2	10YR 8/1 to 10YR 8/2