

MEMORANDUM

Date: August 29, 2014

TO: Town Commission
FROM: Dave Bullock, Town Manager
SUBJECT: Request from West Coast Inland Navigation District (WCIND) for Funding Assistance for Unanticipated Project Expenses Associated with Longboat Pass Flood Shoal Sand Trap Placement

At the May 5, 2014 Regular Meeting the Town Commission approved an Interlocal Agreement with WCIND for placement of up to 100,000 cy of sand for the North end of Longboat Key. The anticipated contract costs for the project were \$828,105. WCIND allocated \$500,000 and the Town agreed to make up the remaining contract cost up to \$350,000. The project has been completed and WCIND is closing out the project.

In my memorandum to you dated April 29, 2014 (attached) it was noted that additional Town costs for required monitoring activities (turtle, shorebirds, fill, tilling and post-construction) could put the Town's project cost in the range of \$400,000. The Town currently has two on-going monitoring contracts associated with this project. (attached)

Steven Sauers, shorebird monitoring - \$41,372
Mote Marine, turtle monitoring - \$10,540.

In addition, the Town's Project Manager, James Linkogle spent approximately 80 hours coordinating the project.

The level of on-site monitoring by WCIND's coastal engineer and an unanticipated survey requirement exceeded the WCIND budget by \$34,715.

WCIND has requested any consideration from the Town for reimbursement.

This project was well executed and completed to all parties' satisfaction. If the Town Commission decides to reimburse WCIND I would recommend we participate to 50% of the overage: \$17,358.

This item is placed on the September 8, 2014 Regular Meeting agenda for Commission consideration.

MEMORANDUM

Date: April 29, 2014

TO: Town Commission

FROM: Dave Bullock, Town Manager

SUBJECT: Interlocal Agreement Between the Town of Longboat Key and West Coast Inland Navigation District (WCIND) for Longboat Pass Flood Shoal Sand Traps Project

At the May 5, 2014 Regular Meeting the Town Commission will consider an Interlocal Agreement between the Town of Longboat Key and WCIND for a sand placement project on the North end of Longboat Key.

WCIND has contracted for placement of up to 100,000 cubic yards of sand for \$828,105. WCIND has allocated \$500,000 for this project. The Town will make up the remaining contract cost up to \$350,000. The attached Interlocal Agreement reflects this amount.

There are additional Town costs associated with turtle and shorebird monitoring, fill monitoring, tilling, and post-construction monitoring. Overall project costs to the Town for the WCIND match and the required monitoring, etc. for this project could be in the range of \$400,000. All costs for this project are part of the High Erosion Area Sand Placement capital project.

This Interlocal Agreement between the Town of Longboat Key and WCIND is placed on the May 5, 2014 Regular Meeting for formal action.

**INTERLOCAL AGREEMENT BETWEEN
TOWN OF LONGBOAT KEY AND WEST COAST INLAND NAVIGATION DISTRICT
REGARDING THE LONGBOAT PASS FLOOD SHOAL SAND TRAPS PROJECT**

THIS INTERLOCAL AGREEMENT (hereinafter "Agreement"), by and between the West Coast Inland Navigation District, a multi-county independent special district, hereinafter referred to as "WCIND" and the Town of Longboat Key, Florida, a municipal corporation.

WITNESSETH

WHEREAS, WCIND is a multi-county special district charged with maintaining and enhancing public navigation channels and inlets within Manatee, Sarasota, Charlotte and Lee Counties; and

WHEREAS, pursuant to Florida Statutes § 374.976, WCIND is authorized to undertake programs to alleviate waterway problems, enhance public navigation, and sponsor beach renourishment projects requested by member counties and local governments; and

WHEREAS, in 2008, WCIND commissioned a technical study entitled "Regional Model for Sarasota Bay and Case Studies of Longboat Pass and Venice Inlet" (hereinafter "2008 Study") for purposes of better understanding the evolution of Longboat Pass; and

WHEREAS, the 2008 Study generally recommended Longboat Pass be dredged for purposes of addressing navigation issues and shoaling problems, and suggested that sand from the dredging be used for beach nourishment projects and to address erosion hotspots; and

WHEREAS, in 2011, WCIND, the Town and Manatee County collaborated and jointly participated in the development of the "Longboat Pass Inlet Management Plan Study" (hereinafter "2011 Study") which further assessed the impact of Longboat Pass on Anna Maria island and Longboat Key beaches; and

WHEREAS, the 2011 Study provided additional recommendations for improved management of the Longboat Pass inlet and evaluated specific options for erosion mitigation; and

WHEREAS, after conducting comprehensive analysis of the Longboat Pass navigation channel and the erosion issues on the immediately adjacent Longboat Key beaches as detailed in the 2008 and 2011 Studies, WCIND's governing board determined that the dredging of Longboat Pass is a benefit to public navigation; and

WHEREAS, WCIND's governing board determined that the Longboat Key beaches immediately adjacent to Longboat Pass have been adversely impacted by the navigation inlet; and

WHEREAS, in response to the 2008 and 2011 Studies and WCIND's long-range maintenance plans, WCIND has requested and obtained state and federal permitting for a project known as the "Longboat Pass Flood Shoal Sand Traps" (hereinafter "Project" or "the Project") to dredge areas in and around Longboat Pass; and

WHEREAS, the Florida Department of Environmental Protection (hereinafter "FDEP") has reviewed the Project and determined that the Project is consistent with the FDEP's approved inlet management plan and issued WCIND permit # 0298107-002JC authorizing such Project; and

WHEREAS, the Town is a member local government within the jurisdictional boundaries of WCIND; and

WHEREAS, the Town has requested that the sand from the Project be utilized and placed on the Town's beaches in an around Longboat Pass that have been adversely affected by the navigation inlet; and

WHEREAS, the Town has agreed to provide funds to WCIND in an amount not to exceed \$350,000 for the placement of beach compatible sand along the Town's beaches adjacent to Longboat Pass; and

WHEREAS, WCIND has agreed to accept such Town funds and provide the dredged sand from the Project to the Town for beach renourishment pursuant to the terms and conditions set forth below.

NOW, THEREFORE, in consideration of the mutual covenants expressed herein, WCIND and the TOWN agree as follows:

1. **Recitals.** The above recitals are true and correct and incorporated fully herein by reference.
2. **Project.** The scope of the Project is set forth in the state and federal permit(s) issued to WCIND. Copies of said permit(s) are attached hereto and incorporated herein as Composite Exhibit 1. The parties agree that during the duration of the Project WCIND shall continue to serve as the permittee on all applicable permit(s) and shall coordinate compliance with all applicable regulatory agencies as required by the permit(s) and conditions.
3. **WCIND Duties.** WCIND shall be responsible for advertising, bidding, selecting, and contracting with a duly qualified, licensed dredging contractor for the performance of the dredging and sand placement activities associated with the Project. WCIND shall perform all applicable contract administration, management and oversight associated with the Project work

performed by the selected dredging contractor. The selected contractor shall perform all dredging and sand placement activities associated with the Project as required in the applicable permit(s) for the Project. WCIND shall require that the selected contractor carry workers compensation and comprehensive general liability insurance issued by an insurance carrier licensed by the State of Florida in an amount not less than \$500,000. WCIND shall require that the contractor name the Town as an additional insured under said insurance policies. WCIND shall require that the contractor participate and cooperate with the Town in disseminating public information relating to the Project. WCIND shall monitor and oversee the dredging contractor's satisfactory performance of the Project and compliance with the applicable permit(s) and conditions for said Project. WCIND shall pay the selected contractor for the work associated with the Project and shall thereafter seek reimbursement from the Town for the Town's share of the Project costs. WCIND shall seek reimbursement from the Town for the Town's share of the Project costs by forwarding an invoice to the Town as provided for in paragraph 4, below. Except for the turtle and shore bird nesting monitoring, WCIND shall be responsible for all other environmental monitoring during the Project. Following completion of the Project, and except for turtle and shore bird nesting monitoring, WCIND shall have the ongoing duty to perform all other monitoring and ensure compliance with the permit conditions as provided for in the applicable permit(s).

4. Town Duties. Within 30 days of the Town's receipt of an invoice from WCIND, the Town shall pay WCIND an amount not to exceed \$350,000 for work associated with the Project. The Town shall cooperate with WCIND staff and the selected dredging contractor to implement the work and activities associated with the Project. The Town shall assist the contractor in the logistical coordination and mobilization required for the Project. Such assistance by the Town shall include, but not be limited to: (a) assisting the WCIND and the selected contractor with local ordinance compliance, (b) waiving the applicability of Town noise ordinances, (c) closing public beach access, (d) posting signage on the Town's beaches and roadways as necessary, (e) providing or assisting with beach access for equipment and vehicles, (f) providing access to the beach through the Town's beach easement(s), and (g) coordinating public information relating to the Project with local media and homeowners group. Pursuant to the conditions within the applicable permit(s), the Town shall provide monitoring services associated with turtle and shore bird nesting areas. Notwithstanding the foregoing, it shall be WCIND's responsibilities to ensure compliance with applicable state and federal laws as to turtle and shore bird nesting.

5. Sovereign Immunity. The Town and WCIND agree that each party shall be solely responsible for the wrongful acts of its employees, contractors and agents. However, nothing contained in the Agreement shall constitute a waiver by either party of its sovereign immunity and the limitations set forth in Section 768.28, Florida Statutes.

6. Mutual Benefit. This Agreement is for the mutual benefit of the named parties only and nothing herein shall be construed as creating any right or cause of action to any party not specifically named herein nor shall any provision of this agreement be construed as constituting a waiver of sovereign immunity.

7. No Agency Relationship. Nothing in this Agreement shall be construed as creating an agency relationship between the parties. WCIND and the Town retain their full and independent authority and associated responsibilities with respect to the waterways and beaches under their respective jurisdiction, control and ownership.

8. Entire Agreement. This Agreement embodies the entire understanding of the respective parties hereto regarding the subject matter hereof, and there are no further or other Agreements or understandings, written or oral, in effect between parties relating to the subject matter hereof. This Agreement may be amended only by a writing duly executed by authorized representatives of WCIND and the Town.

9. Severability. If any part of this Agreement is found invalid or unenforceable by any court, such invalidity or unenforceability shall not affect the other parts of this Agreement if the rights and obligations of the parties contained herein are not materially prejudiced and if the intentions of the parties can continue to be effected. To that end, this Agreement is declared to be severable.

10. Effective Date. This Agreement shall become effective upon the date of the last signatory hereto

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their respective undersigned duly authorized officers as of the dates set forth below.

DATED this _____ day of _____, 2014, by the Town of
Longboat Key, Florida

TOWN OF LONGBOAT KEY, FLORIDA

BY: _____
Jack G. Duncan, Vice Mayor

ATTEST:

Trish Granger
City Clerk

Approved as to form and correctness:

Maggie D. Mooney-Portale, Town Attorney

DATED this _____ day of _____, 2014, by West
Coast Inland Navigation District.

WEST COAST INLAND NAVIGATION DISTRICT

By: _____
Chair John Chappie

ATTEST

BY: _____

Approved as to form and correctness:

Phillip Perrey, Legal Counsel



TOWN OF LONGBOAT KEY

501 Bay Isles Road
 Longboat Key, FL 34228
 (941) 316-1999

PURCHASE ORDER

14504

Remit: 1647 ARLINGTON STREET
 SARASOTA FL 34239

DATE 04-17-14

VENDOR 18537

TERMS

REQ. NO 46-14-0007

DUE 04-16-14

PO TYPE NONCONFIRMING

ACCT#

STEVEN SAUERS ENVIRONMENTAL MGMT
 1647 ARLINGTON STREET
 SARASOTA, FL 34239

SHIP TO:
TOWN OF LONGBOAT KEY
 PUBLIC WORKS
 600 GENERAL HARRIS ST
 LONGBOAT KEY, FL 34228

QUANTITY	UNIT	G & S #	DESCRIPTION	UNIT PRICE	TOTAL PRICE
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2014 Shorebird Protection consistent with provisions of the Final Joint Coastal Permit 0298107-002-JC and USACE SAJ-2011-02907(SP-MEP) 41,372.00

Cost based on actual executed work authorization and monthly invoices for actual hours and expenses.

WCIND - Flood shoal sand trap emergency project

RECORD OF PARTIAL PAYMENT						APPROVED	TOTAL
INV DATE	INV AMT	BALANCE	INV DATE	INV AMT	BALANCE	14504	
6-5-14	8,746.60	32,625.40				303.4600.519.6525	41,372.00
7-7-14	7,116.07	25,509.33					
8-4-14	5,934.12	19,575.21					



TOWN OF LONGBOAT KEY

501 Bay Isles Road
 Longboat Key, FL 34228
 (941) 316-1999

PURCHASE ORDER

DATE	04-14-14		14502
VENDOR	13889	TERMS	
REQ. NO	46-14-0006	DUE	04-14-14
PO TYPE	NONCONFIRMING	ACCT#	

Remit: ATTN: MICHELE TOMASZEWSKI
 1600 THOMPSON PARKWAY
 TONY TUCKER 388-4441
 388-4312

MOTE MARINE LABORATORY
 Sea Turtle Program
 1600 Thompson Pkwy
 Sarasota FL 34236

SHIP TO:
TOWN OF LONGBOAT KEY
 PUBLIC WORKS
 600 GENERAL HARRIS ST
 LONGBOAT KEY, FL 34228

QUANTITY	UNIT	G & S #	DESCRIPTION	UNIT PRICE	TOTAL PRICE
			2014 SEA TURTLE MONITORING 4/15/14 - 1/15/15		10,540.00

Technical Services Proposal
 for 2014 Sea Turtle
 Monitoring, Nest Evaluation,
 and Protection Measures for
 Longboat Pass Flood Shoal
 Impoundment Basins Permit No.
 0298107-002-JC and
 0298107-003-BV

Scope Of Work Attached

RECORD OF PARTIAL PAYMENT						APPROVED	TOTAL
INV DATE	INV AMT	BALANCE	INV DATE	INV AMT	BALANCE	14502	10,540.00
4-28-14	860.00	9,680.00				303.4600.519.6525	10,540.00
6-5-14	860.00	8,820.00					
7-14-14	860.00	7,960.00					
8-18-14	860.00	7,100.00					



WCIND



July 18, 2014

Mr. Dave Bullock, Town Manager
Longboat Key Town Hall
501 Bay Isles Road
Longboat Key, FL 34228

Re: Longboat Key Emergency Beach Fill

Dear Mr. Bullock:

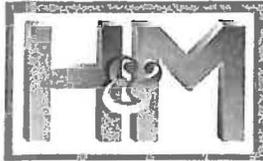
Attached is the billing for the Longboat Pass Emergency Fill project from Humiston & Moore, consultants, and Cavache, Inc. billing No. 3.

WCIND budgeted \$500,000.00 for this project, \$23,395.00 remaining in our budget. The dredging contract with Cavache was for \$826,605.00 (under budget), but the associated costs of consultant(s) monitoring, and unanticipated survey costs amount to \$34,715.00 in excess of our budget estimate. We feel the extra efforts and vigilance of project conditions were warranted. We would appreciate any consideration from the Town to reimburse WCIND for the remaining \$34,715.00. Thank you

Sincerely,

Charles W. Listowski
Executive Director

West Coast Inland Navigation District
Board of County Commissioners
Commissioner John Chappie – Manatee County
Commissioner Charles Hines – Sarasota County
Commissioner Larry Kiker – Lee County
Commissioner Stephen R. Deutsch – Charlotte County
200 E. Miami Avenue, Venice, FL 34285 Ph: (941) 485-9402; Fax (941) 485-8394 www.wcind.net



HUMISTON & MOORE ENGINEERS

COASTAL ENGINEERING DESIGN AND PERMITTING
"Restoring Beaches as Natural Coastal Systems"



Invoice submitted to:

WCIND - Additional Services
Attn: Chuck Listowski
200 E. Miami Avenue
Venice, FL 34285

July 15, 2014

In Reference To: Professional Services
HM File No: 13-024.WCIND-TM (Longboat Pass Flood Shoal Trap
Dredging; Coordinate with Town of Longboat Key)

Invoice #17308

Professional Services

Longboat Dredging Project

		<u>Hours</u>		<u>Amount</u>
4/1/2014	PRN Coordinate with surveyor for updated conditions to develop current specifications, follow up with Town on sea turtle monitoring.	0.50	\$185.00	\$92.50
4/2/2014	PRN Follow up with Juan Florenza of the Town on sea turtle monitoring specs.	0.25	\$185.00	\$46.25
4/8/2014	SRT Prepare turbidity monitoring exhibits for discussion with project manager. Review bid questions.	1.50	\$85.00	\$127.50
4/14/2014	EN3 Receive survey data from Hyatt for the borrow areas. Process, calculate volumes and post on plans.	2.00	\$105.00	\$210.00
4/15/2014	EN3 Receive survey data for the beach from Hyatt Process data and begin to revise plans. Meet with staff and await further instruction before proceeding.	3.00	\$105.00	\$315.00
	SRT Prepare bid tabulation of all bids received. Update booklet with bid documents.	0.75	\$85.00	\$63.75
4/16/2014	PRN Follow up with dredging contractor, check on plans, update, meet with Steve Foge, follow up with Mohamed Dabees.	0.75	\$185.00	\$138.75
4/21/2014	PRN Plan edit, meetings with Steve Foge, emails, WCIND, Town of Longboat Key, DEP, follow up with Town and WCIND.	1.50	\$185.00	\$277.50
4/23/2014	EN3 Send plans and survey data to SSI. Generate and send color images of plans to Cavache.	1.00	\$105.00	\$105.00
4/24/2014	EN3 Respond to questions from DEP regarding the proposed fill template. Revise plans and resubmit. Meet with staff.	2.50	\$105.00	\$262.50

			<u>Hours</u>		<u>Amount</u>
4/25/2014	SRT	Review Longboat Pass Project Brochure and information for Cavache Inc.	1.50	\$85.00	\$127.50
	SEN	Work on coordination with Town's engineer to provide material used in WCIND flood shoal sand trap permit.	2.00	\$145.00	\$290.00
4/29/2014	EN3	Review email from shorebird monitor and create exhibit showing the nest and the associated corridor.	1.00	\$105.00	\$105.00
	SRT	Review NTP and work plan from Cavache. Meet with project manager to discuss work plan and begin coordination with agencies about pre-con meeting.	3.00	\$85.00	\$255.00
	SEN	Work on coordination with Town's for flood shoal stand trap pre-construction conference.	1.00	\$145.00	\$145.00
4/30/2014	SRT	Meet with project manager to discuss project and set up pre-construction meeting. Print materials needed for pre-construction meeting. Attend pre-construction conference.	4.75	\$85.00	\$403.75
	PRN	Pre-construction conference per DEP permit, numerous emails, 90 minute conference call, and follow ups.	2.00	\$185.00	\$370.00
5/1/2014	SRT	Review documents from team members about NTP. Review survey layout from surveyor.	1.50	\$85.00	\$127.50
5/2/2014	SRT	Review staging area location and download and save correspondence between contractor and Town.	0.50	\$85.00	\$42.50
	PRN	Longboat: Follow up coordination with contractor, Town, biologist, etc, WCIND.	1.50	\$185.00	\$277.50
	PRN	Longboat: back up documents, review latest Work Plan, correspondence, messages, emails.	0.75	\$185.00	\$138.75
5/5/2014	SRT	Meet with project manager to discuss contractor's work plan and prepare information for site meeting.	2.75	\$75.00	\$206.25
	PRN	Longboat: Site meeting, contractor, Town, WCIND, FWC, Mote Marine Lab, Steve Saur, Manatee law enforcement, fire and rescue, project layout and address turtle, shorebird and logistical questions, follow up walk through with contractor.	6.00	\$185.00	\$1,110.00
5/6/2014	SRT	Prepare dwg file for construction monitoring.	1.25	\$85.00	\$106.25
	PRN	Longboat Pass Flood Shoal: meet with Michael Mann on data from contractor's surveyor.	0.25	\$185.00	\$46.25
5/7/2014	SRT	Prepare files for upcoming construction project. Process dredge area data.	5.25	\$85.00	\$446.25

			<u>Hours</u>	<u>Amount</u>	<u>Amount</u>
5/7/2014	PRN	Follow up with Anthony Cavo on survey data, meet with staff on logistics for construction, data plots, discuss pre-construction site meeting.	1.25	\$185.00	\$231.25
5/8/2014	SRT	Process data and calculate volumes. Quality control of all drawings to prepare for construction project.	3.50	\$85.00	\$297.50
	PRN	Meetings on plots, data, order of work, schedule.	0.50	\$185.00	\$92.50
5/9/2014	SRT	Review and edit fill template area, review dredge cuts.	1.25	\$85.00	\$106.25
5/12/2014	SRT	Review RAI from contractor and begin to update plans.	4.50	\$85.00	\$382.50
	SEN	Review proofs of aerial photos of Longboat Pass and select needed views.	1.00	\$145.00	\$145.00
5/13/2014	PRN	Correspondence to USACE and DEP on commencement of construction.	0.50	\$185.00	\$92.50
	PRN	Correspondence on construction, setup, timing, finalize correspondence to DEP and USACE.	0.50	\$185.00	\$92.50
	SRT	Review daily reports from Cavache Inc. Correspond with contractor about start of dredge. Prepare and send notice of commencement to DEP and USACE. Meet with project manager about updated fill template, plans for contractor and WCIND.	6.25	\$85.00	\$531.25
5/14/2014	SRT	Meet with project manager to discuss project and correspond with contractor about start time and schedule. Correspondence for FDEP, download contractor's survey data, process.	3.75	\$85.00	\$318.75
	SEN	Staff discussions on mobilization and sand trap project progress	1.00	\$145.00	\$145.00
5/15/2014	SRT	Correspond with WCIND and Cavache about project. Prepare exhibits comparing pre-construction surveys.	2.25	\$85.00	\$191.25
5/16/2014	SRT	Meet with project manager about project and contact contractor. Prepare equipment for turbidity readings. Review permit conditions. Check tides for when contractor will be able to begin construction.	2.00	\$85.00	\$170.00
5/19/2014	PRN	Coordinate with James Likogle at Town, staff on construction, landward fill adjustments.	0.50	\$185.00	\$92.50
	SRT	Onsite to meet with contractor.	6.25	\$85.00	\$531.25
5/20/2014	PRN	Update on site conditions with Michael Mann throughout day, emails, photos and conferences.	0.75	\$185.00	\$138.75

			<u>Hours</u>	<u>Amount</u>	<u>Amount</u>
5/20/2014	SRT	May 20th - May 23rd Onsite for construction observation and turbidity monitoring.	32.00	\$85.00	\$2,720.00
5/21/2014	PRN	Coordinate with Michael Mann on site throughout day.	0.50	\$185.00	\$92.50
	SEN	Review recent aerial photos of Longboat Pass and provide to Town and WCIND	1.00	\$145.00	\$145.00
5/22/2014	PRN	Coordinate with Michael Mann on site throughout day.	0.50	\$185.00	\$92.50
	SEN	Staff meeting and discussions on project progress.	1.00	\$145.00	\$145.00
5/23/2014	PRN	Conferences with Michael Mann on dredge tracking, survey, progress schedule.	0.75	\$185.00	\$138.75
5/27/2014	PRN	Coordinate with Michael Mann throughout the day on site.	1.00	\$185.00	\$185.00
	PRN	Pay review, emails, review retainage requirements, send request for amended request, conference with Jeff and Cavache, set up spreadsheet for pay reviews.	0.75	\$185.00	\$138.75
	PRN	Emails on turbidity monitoring report and requirements, forward to Charlotte Hand and Jim Martinello as backup, coordinate report with Michael Mann.	0.50	\$185.00	\$92.50
	PRN	Check USACE permit conditions and Biological Opinion for compliance.	0.25	\$185.00	\$46.25
	SRT	Onsite for construction observation and turbidity monitoring.	8.00	\$85.00	\$680.00
5/28/2014	PRN	Turbidity monitoring report for DEP.	0.25	\$185.00	\$46.25
	PRN	Coordinate with Michael Mann at site throughout the day.	0.50	\$185.00	\$92.50
	SRT	Prepare submittal of turbidity monitoring reports to FDEP and prepare documents for meeting with contractor for progress update.	5.00	\$85.00	\$425.00
5/29/2014	SRT	Prepare exhibits for meeting.	1.75	\$85.00	\$148.75
5/30/2014	PRN	Site meeting with Contractor - progress meeting, emails WCIND, Town, meeting with James, review fill placement.	4.00	\$185.00	\$740.00
	SRT	Onsite for construction observations and turbidity monitoring. Meet with contractor for update on construction progress.	10.00	\$85.00	\$850.00
5/31/2014	PRN	Emails to Juan Florenza at Town of Longboat Key, Fred Acevedo-Diaz at DOT, pay request forms- execute for staff to forward to Jeff.	0.50	\$185.00	\$92.50

			<u>Hours</u>	<u>Amount</u>	<u>Amount</u>
5/31/2014	PRN	Prepare meeting summary notes in draft and distribute for comments.	1.00	\$185.00	\$185.00
6/1/2014	SRT	Onsite for construction observations reporting updates with contractor, office and turbidity monitoring.	8.00	\$85.00	\$680.00
6/2/2014	EVS	Sending turbidity data from 5/28.	1.25	\$75.00	\$93.75
	SRT	Onsite for construction observations reporting updates with contractor, office and turbidity monitoring.	11.00	\$85.00	\$935.00
	PRN	Distribute progress meeting notes, conference with Michael Mann on survey.	0.50	\$185.00	\$92.50
6/3/2014	SRT	Onsite for construction observations reporting update with contractor, office and turbidity monitoring.	10.00	\$85.00	\$850.00
	EN3	Work with field staff to create coordinate files.	0.75	\$105.00	\$78.75
6/4/2014	SRT	Onsite for construction observations reporting update with contractor, office and turbidity monitoring.	9.00	\$85.00	\$765.00
	PRN	Conferences with Michael Mann on site, follow up with Juan Florenza at the Town.	0.50	\$185.00	\$92.50
	EVS	Review daily worksheets, coordinate with Michael Mann, construction observation.	2.00	\$75.00	\$150.00
	EVS	Performed water sampling for turbidity monitoring in pass and by fill area. Surveyed the north side fill template with Michael.	8.00	\$75.00	\$600.00
6/5/2014	SRT	Process data from H&M survey, prepare plots of data, review daily reports and tally dredge volumes.	3.50	\$85.00	\$297.50
	PRN	Coordinate with Town, Olsen Associates, contractor, site observations, and reporting.	0.75	\$185.00	\$138.75
	EVS	Water sampling for turbidity compliance in Longboat Pass and by fill template. Construction observation and checking to see it north side of the south template was to grade.	8.75	\$75.00	\$656.25
6/6/2014	SRT	Review post construction monitoring plan. Coordinate with Olsen Engineering about upcoming Longboat Key wide survey. Meet with project manager to discuss project status, survey data, permit compliance.	3.25	\$85.00	\$276.25
	PRN	Construction coordination, permit compliance, survey coordination.	0.50	\$185.00	\$92.50
	PRN	Follow up with Matt, emails to Town and WCIND, scheduling with staff.	0.50	\$185.00	\$92.50

			<u>Hours</u>		<u>Amount</u>
6/6/2014	EVS	Water sampling for turbidity compliance in Longboat Pass and by fill template, update progress records, coordinate with office.	10.50	\$75.00	\$787.50
6/8/2014	EVS	Water sampling for turbidity compliance in Longboat Pass and by fill template. Construction observation at the south template update progress records, coordinate with office.	10.50	\$75.00	\$787.50
6/9/2014	SRT	Review daily construction log. Correspond with contractor about dredge volumes. Work on turbidity submittal.	4.25	\$85.00	\$361.25
	EVS	Water sampling for turbidity compliance in Longboat Pass and by fill template. Construction observation, coordinate with office.	9.00	\$75.00	\$675.00
	EVS	Recorded data from turbidity monitoring to submit to the DEP.	1.50	\$75.00	\$112.50
6/10/2014	PRN	Meetings on turbidity monitoring, reporting, daily reports and dredge quantities, concrete issue, conference with Chuck Listowski, follow up on scheduling.	0.75	\$185.00	\$138.75
	EN3	Coordinate with field staff on questions regarding plans.	0.50	\$105.00	\$52.50
	SRT	Review quantities of material on beach and correspond with contractor about borrow area. Set up progress meeting on beach.	2.00	\$85.00	\$170.00
	EVS	Water sampling for turbidity compliance in Longboat Pass and by fill template. Construction observation, update progress records, coordinate with office.	10.00	\$75.00	\$750.00
6/11/2014	PRN	Emails to staff on site, Jeff on pay review and process, conference and update with Chuck Listowski on survey, follow with staff, email photos.	1.25	\$185.00	\$231.25
	PRN	Follow up with Michael Mann throughout the day on construction, turbidity, debris issue.	0.50	\$185.00	\$92.50
	SRT	Onsite for construction observation, coordination with contractor, HM office, Town and turbidity monitoring	11.00	\$85.00	\$935.00
6/12/2014	PRN	Progress meeting with Town, Contractor, WCIND, staff.	4.00	\$185.00	\$740.00
	PRN	Work on draft meeting notes on progress report.	0.75	\$185.00	\$138.75
	SRT	Onsite for construction observation coordination with contractor, HM office, Town and turbidity monitoring.	11.00	\$85.00	\$935.00
6/13/2014	PRN	Update with site progress, emails with surveyor.	0.75	\$185.00	\$138.75
	PRN	Emails and follow up with surveyor on details of survey needed for Cut 2.	0.25	\$185.00	\$46.25

			<u>Hours</u>	<u>Amount</u>	<u>Amount</u>
6/13/2014	PRN	Final edit of progress report, and email to Town, contractor, WCIND, staff. Meet with Michael Mann and Matt Goddard on schedule for upcoming week and data review for Cut 2.	0.50	\$185.00	\$92.50
	SRT	Onsite for construction observation coordination with contractor, HM office, Town and turbidity monitoring.	11.00	\$85.00	\$935.00
6/16/2014	EVS	Preparing turbidity monitoring sheets to be submitted to DEP.	1.00	\$75.00	\$75.00
	SRT	Onsite for construction observation meetings with contractor and Town staff and turbidity monitoring.	11.00	\$85.00	\$935.00
6/17/2014	PRN	Conferences with Michael Mann in field, review plots from contractor.	0.50	\$185.00	\$92.50
	EVS	Submit turbidity sheets to DEP.	0.50	\$75.00	\$37.50
	SRT	Onsite for construction observation meetins with contractor, coordinate with office and turbidity monitoring.	11.00	\$85.00	\$935.00
6/18/2014	PRN	Meet with Matt, review plots, site photos, escarpment, emails, coordinate with Michael and contractor.	0.50	\$185.00	\$92.50
	PRN	Coordinate on dredging, material, Town, Contractor, staff, throughout day.	1.50	\$185.00	\$277.50
	EVS	Review daily reports, site observation.	2.50	\$75.00	\$187.50
	EVS	Turbidity monitoring and construction observation, transfer data to Michael Mann.	5.00	\$75.00	\$375.00
	SRT	Onsite for construction observation and turbidity monitoring. Update daily progress charts and information.	10.25	\$85.00	\$871.25
6/19/2014	PRN	Conferences, site meeting with Town, Contractor, on dredging, fill material and direction, prepare progress meeting notes, emails.	6.00	\$185.00	\$1,110.00
	EVS	Turbidity monitoring and construction observation.	9.00	\$75.00	\$675.00
	SRT	Onsite for construction observation, turbidity monitoring and to meet with contractor about material.	6.25	\$85.00	\$531.25
6/20/2014	PRN	Coordinate with James, follow up with Michael and contractor.	0.75	\$185.00	\$138.75
	EVS	Turbidity monitoring and construction observation, town coordination.	9.00	\$75.00	\$675.00
	SRT	Process data and calculate dredge volumes from Cut 2.	3.00	\$85.00	\$255.00
6/21/2014	EVS	Turbidity monitoring and construction observation.	8.00	\$75.00	\$600.00

			<u>Hours</u>	<u>\$</u>	<u>Amount</u>
6/22/2014	SRT	Onsite for construction observation and turbidity monitoring.	6.00	\$85.00	\$510.00
6/23/2014	PRN	Coordinate with staff and construction through day.	0.50	\$185.00	\$92.50
	EVS	Prepare and submit turbidity monitoring reports to the DEP.	2.50	\$75.00	\$187.50
	SRT	Onsite for construction observation and turbidity monitoring.	12.00	\$85.00	\$1,020.00
6/24/2014	PRN	Coordinate with Michael Mann in field throughout day.	0.50	\$185.00	\$92.50
	PRN	Pay request, coordinate with Michael on data from Cut 2, plots and check with Matt.	0.50	\$185.00	\$92.50
	SRT	Onsite for construction observation and turbidity monitoring, coordinate with contractor, Town and office.	11.00	\$85.00	\$935.00
6/25/2014	PRN	Emails, call to Jeff, review with Michael Mann, schedule, Cut 1 material.	0.75	\$185.00	\$138.75
	EVS	Update on construction coordination with Michael Mann and contractor, site visit.	2.50	\$75.00	\$187.50
	EVS	Construction observation and turbidity monitoring, transfer data to Michael Mann.	5.00	\$75.00	\$375.00
	SRT	Onsite for construction observation and turbidity monitoring. Process pay request from Cavache.	9.00	\$85.00	\$765.00
6/26/2014	PRN	Meet on plots and volume comps for Cut 2, turbidity reports, coordinate with Matt in field.	0.50	\$185.00	\$92.50
	PRN	Meeting with staff, conferences with WCIND, schedule meeting on site, conference with Anthony Cavo.	0.50	\$185.00	\$92.50
	EVS	Construction observation and turbidity monitoring.	8.50	\$75.00	\$637.50
	SRT	Process data, update daily reports, and correspond with contractor about material.	4.50	\$85.00	\$382.50
6/27/2014	PRN	Site meeting with Town, WCIND, Contractor to begin to close out project.	2.50	\$185.00	\$462.50
	EVS	Construction observation and turbidity monitoring. Meeting with WCIND, Project Manager, Town, stayed until dredging operation was complete.	10.00	\$75.00	\$750.00
	EVS	Construction observation and update records.	2.50	\$75.00	\$187.50
	SRT	Calculate volumes and update plans with survey information.	2.00	\$85.00	\$170.00

WCIND - Additional Services
In Reference To

	<u>Hours</u>	<u>Amount</u>
6/30/2014 SRT Review profiles from surveyor, process survey data of borrow areas.	3.50	\$75.00 \$262.50
SUBTOTAL:		[482.50 \$45,760.00]
For professional services rendered		482.50 \$45,760.00
Additional Charges :		
6/30/2014 Lodging costs during construction observation; May 15th through June 30th.		\$1,350.00
SUBTOTAL:		[\$1,350.00]
<u>Longboat Dredging Project</u>		
5/14/2014 Cost for Hyatt Surveying to provide surveying services as contracted, invoice # 4517.		\$11,000.00
SUBTOTAL:		[\$11,000.00]
Total additional charges		\$12,350.00
Total amount of this bill		\$58,110.00
Previous balance		\$618.75
Accounts receivable transactions		
6/20/2014 Thank you for your payment. Check No. 20465		(\$618.75)
Total payments and adjustments		(\$618.75)
Balance due		\$58,110.00

9090600

OK
all
7-16-14

Please reference the invoice number on your payment. Thank you.

TO OWNER: West Coast Inland Navigation District
200 E. Miami Avenue
Venice, Florida 34285

PROJECT: Emergency Beach Fill
Placement on Longboat Key using
Longboat Pass Flood Shoal
Sand Trap

APPLICATION NO: 3
PERIOD TO:
PROJECT NOS.: 13-024LP

Distribution to:
 OWNER
 ARCHITECT
 CONTRACTOR

FROM CONTRACTOR: Cavache Inc.
280 NW 12th Avenue
Pompano Beach, Florida 33069

VIA ARCHITECT:
Humiston & Moore Engineers
5679 Strand Court
Naples, Florida 34110

CONTRACT DATE: 5/7/2014

CONTRACT FOR:

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below in connection with the contract.

Continuation Sheet AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM	<u>\$826,605.00</u>
2. NET CHANGE BY CHANGE ORDERS	<u>\$0.00</u>
3. CONTRACT SUM TO DATE (Line 1 + 2)	<u>\$826,605.00</u>
4. TOTAL COMPLETED & STORED TO DATE (Column G on Continuation Sheet)	<u>\$822,859.81</u>
5. RETAINAGE	
a. 10% of Completed Work OR (Column G on Continuation Sheet)	<u>\$0.00</u>
b. 2.5% of Contract Value (Column C on Continuation Sheet)	<u>\$0.00</u>
Total Retainage (Line 5a + 5b or (Total in Columns I on G703)	<u>\$0.00</u>
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	<u>\$822,859.81</u>
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	<u>-\$564,734.98</u>
8. TOTAL	<u>\$258,124.83</u>
9. LESS PAYMENT DISCOUNT _____ 1% for 10 Day Pay	<u>\$0.00</u>
10. CURRENT PAYMENT DUE	\$258,124.83
11. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	<u>\$3,745.19</u>

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Cavache Inc.

By: _____ Date: _____

Adam Adache

State of:

County of:

Subscribed and sworn to before
me this _____ day of _____

Notary Public:

My Commission expires:

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED _____ **\$258,124.83**

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

ARCHITECT: Humiston & Moore Engineers

By: _____ Date: _____

This certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS (B/C)
Total changes approved in previous months by Owner	\$0.00	\$0.00
Total approved this Month	\$0.00	\$0.00
TOTALS	\$0.00	\$0.00
NET CHANGES by Change Order	\$0.00	

Project Name: Emergency Beach Fill Placement on Longboat Key using Longboat Pass Flood Shoal Sand Trap
 Contract Number: 13-024LP
 Contractor: Cavache, Inc..
 Street Address: 280 NW 12th Avenue, Pompano Beach, Florida 33069

Invoice No.: 3
 Invoice Date: 7/15/2014
 Period Ending: 7/11/2014

Bid Item No	BID Item	Qty	Units	Unit Cost	Budgeted Total Cost	Complete this Period	Earned this Period	Earned to Date	Earned to Date	Complete Previously	Earned Previously	Balance to Finish
Emergency Beach Fill Placement on Longboat Key using Longboat Pass Flood Shoal Sand Trap					\$ 826,605.00		\$ 195,376.50	\$ 822,859.81		\$ 627,483.31	\$ 3,745.19	
1	Mobilization and Demobilization	1	LS	\$ 196,775.00	\$ 196,775.00	0.40	\$ 78,710.00	1.00	\$ 196,775.00	0.60	\$ 118,065.00	\$ -
2	Dredging & Disposal of Sand on the Beach (Includes tilling and grading of Beach Area)	99,000	CY	\$ 6.17	\$ 610,830.00	17,450	\$ 107,666.50	98,393	\$ 607,084.81	80,943	\$ 499,418.31	\$ 3,745.19
3	Progress Survey of Borrow Area & Beach Fill	1	LS	\$ 19,000.00	\$ 19,000.00	0.47	\$ 9,000.00	0.53	\$ 19,000.00	0.53	\$ 10,000.00	\$ -
4	Restoration of Construction Activities	1	LS	\$ 1,500.00	\$ 1,500.00	1	\$ 1,500.00	1	\$ 1,500.00	0	\$ -	\$ -



End of Agenda Item