

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS**

AGENDA ITEM SUMMARY

Meeting Date:	March 12, 2019	(X) Consent	() Regular
		() Workshop	() Public Hearing
Department:	<u>Environmental Resources Management</u>		
Submitted By:	<u>Environmental Resources Management</u>		
Submitted For:	<u>Environmental Resources Management</u>		


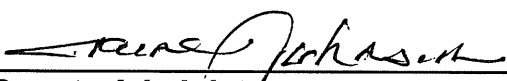
I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to authorize: Work Supplement No. 0649-5B to the Palm Beach County Artificial Reef & Breakwater Annual Contract, Project No. 2015ERM01 (R2015-0649) with The Vance Construction Co. (Vance) at a cost not to exceed \$315,000, for a term of 270 days.

Summary: On May 19, 2015, the Board of County Commissioners (BCC) approved the Contract (R2015-0649) with Vance, a Palm Beach County Small Business Enterprise (SBE). Work Supplement No. 0649-5B will authorize the construction of mangrove island revetments at Tarpon Cove Islands (Project). At the time of contracting, the SBE participation goal established by the SBE Ordinance (R2002-0064) was 15% overall. The SBE participation for this Work Supplement is 100%. Vance committed to an overall 54.94% SBE participation, but will achieve 91.85% SBE participation including this work supplement. The Project costs are shared by the Florida Department of Environmental Protection (FDEP) 49% and the County 51%. Funds will come from the Manatee Protection Fund and FDEP Agreement No. LP50202 (R2017-0082). Districts 2 & 7 (DC)

Background and Justification: The Project in Lake Worth Lagoon within the City of West Palm Beach has been designed to leverage beneficial reuse sand sources from non-County projects to offset the cost to purchase, transport, and place sand. Work Order No. 0649-5 commenced on May 18, 2018, with the understanding the Project was to receive up to 70,000 cubic yards from Rybovich Superyacht Marina (Rybovich). A schedule change at Rybovich limited the project to only acquiring a portion of the committed sand prior to the substantial completion deadline of March 14, 2019. The remaining Rybovich material is scheduled to be delivered by September, 2019. The County has received an additional commitment from the Florida Inland Navigation District (FIND) to donate up to 90,000 cubic yards of sand from maintenance dredging of the Intracoastal Waterway (ICWW) that will begin in February and be completed by May, 2019. Receipt of these two beneficial reuse sand sources provides an estimated \$8.48 million cost savings to the County's Project. Authorizing Work Supplement No. 0649-5B for the additional time of 270 days will provide the needed time to acquire the donated sand and pay to load and install the sand brought by FIND's contractor from dredging the ICWW to create the Project's islands.

Attachments:
1. Work Supplement No. 0649-5B

Recommended by:		2-26-19
	Department Director	Date
Approved by:		3/5/19
	Assistant County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>
Capital Expenditures	_____	_____	_____	_____	_____
Operating Costs	\$315,000	_____	_____	_____	_____
External Revenues	(\$154,350)	_____	_____	_____	_____
Program Income (County)	_____	_____	_____	_____	_____
In-Kind Match (County)	_____	_____	_____	_____	_____
 NET FISCAL IMPACT	 \$160,650	 _____	 _____	 _____	 _____
 # ADDITIONAL FTE POSITIONS (Cumulative)	 _____	 _____	 _____	 _____	 _____

Is Item Included in Current Budget? (Match) Yes X No _____

Does this item include the use of federal funds? Yes _____ No X

Budget Account No.: Fund 1232 Department 380 Units 3010 Object various
Fund 1229 Department 380 Units 3010 Object various

B. Recommended Sources of Funds/Summary of Fiscal Impact

Work Order # 0649-5B

FDEP R2017-0082

\$ 154,350

Manatee Protection Fund

\$ 160,650

\$ 315,000

C. Department Fiscal Review:

L. Neary

III. REVIEW COMMENTS

A. OFMB Fiscal and /or Contract Dev. and Control Comments:

[Signature] 2/15/19
OFMB *[Signature]* 2/15/19
[Signature] 2/17/19
Contract Development and Control
[Signature] 2/28/19
[Signature] 2/28/19

B. Legal Sufficiency:

[Signature] 3/4/19
Assistant County Attorney

C. Other Department Review:

Department Director

ATTACHMENT 1

WORK SUPPLEMENT NO. 0649-5B

(Mark applicable category:)

☒ Owner Initiated ☐ Quantity Overruns/Underruns
☐ Differing Site Conditions ☐ Request By Another Agency/Outside Party
☐ Zoning/Code/Ordinance Changes ☐ A. Reimbursable
☐ Errors/Omissions/In Design ☐ B. Non-Reimbursable
☐ Other

PROJECT NAME: Palm Beach County Artificial Reef & Breakwater Annual Contract

PROJECT NO.: 2015ERM01 WORK ORDER NO.: 0649-5

WORK ORDER PROJECT NAME: Tarpon Cove Islands

(Contractor Name): The Vance Construction Co.

CONTRACT RESOL. NO. R2015-0649

COMMISSIONER DISTRICT NO.: 2 & 7

CONTRACT DATE: May 19, 2015

NOTICE TO PROCEED DATE: 5/15/18

COMMENCEMENT DATE: 5/18/18

BUDGET LINE ITEMS: various

You are directed to make the following change(s) to this Work Order:

- 1) Increase Work Order Time by 270 days due to difficulty in securing materials of opportunity to build habitat islands, as explained in Attachment 1.
- 2) Add line item #18 for Load/Install Sand in the amount of \$315,000.00, as identified in the attached Bid Schedule dated 1-17-2019. See "Re-Use Placement Area" Sheet 1.

NOT VALID UNTIL SIGNED BY COUNTY. SIGNATURE OF THE CONTRACTOR INDICATES HIS AGREEMENT HERewith INCLUDING ANY ADJUSTMENT IN THE WORK ORDER SUM OR WORK TIME, AND NO ADDITIONAL COST OR TIME INDICATED HEREIN WILL BE RELATED TO THIS CHANGE

The Original Work Order was	<u>\$872,837.50</u>
Net Change by previous Supplements	<u>\$ 0.00</u>
The Work Order Sum prior to this Supplement was	<u>\$872,837.50</u>
The Work Order Sum will be increased/decreased by this Supplement	<u>\$315,000.00</u>
The New Work Order Sum including this Supplement will be	<u>\$1,187,837.50</u>
The Work Order Time will be increased by	<u>270 days</u>
The Date of Substantial Completion including this Supplement	<u>December 9, 2019</u>
The Date of Final Completion including this Supplement	<u>To Be Specified in Punchlist</u>

Execution of this Work Supplement acknowledges final settlement of, and releases, all claims for costs and time associated, directly or indirectly, with the above stated modification(s), including all claims for cumulative delays or disruptions resulting from, caused by, or incident to such modification(s), and including any claim that the above stated modification(s) constitutes, in whole or part, a cardinal change to the Work Order.

(REMAINDER OF PAGE INTENTIONALLY LEFT BLANK)

ATTEST:
SHARON R. BOCK
CLERK & COMPTROLLER

Deputy Clerk

(Seal)

APPROVED AS TO
FORM AND LEGAL SUFFICIENCY:

Assistant County Attorney

The Vance Construction Co.
Contractor

225 Southern Blvd., Ste. 201
West Palm Beach, FL 33405-2768
Address

BY 

James E. Vance, Jr.
Name

President
Title

FOR: PALM BEACH COUNTY, FLORIDA,
A Political Subdivision of the State of Florida
By and Through Its
BOARD OF COUNTY COMMISSIONERS

BY: _____
Mack Bernard, Mayor

DATE: _____

APPROVED AS TO
TERMS AND CONDITIONS:


Deborah Drum, Director
Dept. of Environmental Resources Mgmt.

OEBO SCHEDULE 1

LIST OF PROPOSED CONTRACTOR/CONSULTANT AND SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

SOLICITATION/PROJECT/BID NAME: Palm Beach County Artificial Reef & Breakwater Project
NAME OF PRIME RESPONDENT/BIDDER: The Vance Construction Co
CONTACT PERSON: James Vance
SOLICITATION OPENING/SUBMITTAL DATE: May 19, 2015

SOLICITATION/PROJECT/BID No.: 2015ERM01 Work Supplement 0649-5B
ADDRESS: 225 Southern Blvd. Suite 201, West Palm Beach FL 33405
PHONE NO.: 561-855-8195 E-MAIL: vanceconstructioncompany@gmail.com
DEPARTMENT: Environmental Resource Management

PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED THE PRIME CONTRACTOR/CONSULTANT ON THIS PROJECT.
PLEASE ALSO LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS /SUBCONSULTANTS ON THE PROJECT.

Name, Address and Phone Number	(Check all Applicable Categories)			DOLLAR AMOUNT OR PERCENTAGE OF WORK				
	Non-SBE	M/WBE Minority/Women Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
1. The Vance Construction Co 225 Southern Blvd Suite 201 West Palm Beach FL 33405	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	315,000.00	_____
2. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
3. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
4. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
5. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
(Please use additional sheets if necessary)				Total	_____	_____	315,000.00	_____
Total Bid Price \$ 315,000.00		Total SBE - M/WBE Participation		315,000.00				

- Note:
- 1. The amount listed on this form for a Subcontractor/subconsultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
 - 2. Firms may be certified by Palm Beach County as an SBE and/or M/WBE. If firms are certified as both an SBE and/or M/WBE, please indicate the dollar amount under the appropriate category.
 - 3. Modification of this form is not permitted and will be rejected upon submittal.

OEBO LETTER OF INTENT – SCHEDULE 2

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All subcontractors/subconsultants, including any tiered subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 2015ERM01 Work Supplement 0649-5B

SOLICITATION/PROJECT NAME: Palm Beach County Artificial Reef & Breakwater Annual Construct. Tarpon Cove Islands

Name of Prime: The Vance Construction Co

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 4/25/17

The undersigned affirms they are the following (select one from each column):

Column 1

Column 2

Male Female African-American/Black Asian American Caucasian American Hispanic American Native American

S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

Line Item	Item Description	Unit Price	Qty./Units	Contingencies/ Allowances	Total Price/Percentage
18	load/install sand	9.00	35,000 ton		315,000.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: 315,000.00

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage:

The Vance Construction Co

Print name of Prime

By: James E. Vance Authorized Signature

James E. Vance

Print name

President

Title

Date: 02-01-2019

Print name of Subcontractor/subconsultant

By: Authorized Signature

Print name

Title

Date:

1/17/19 BID SCHEDULE - Vance Construction Work Supplement #0649-5B					
Palm Beach County Annual Artificial Reef & Breakwater Project Project No. 2015ERM01				Tarpon Cove Islands	
Bid Item	Description	Units	Unit Price	Total Amount	Total Price
	General				
1	Turbidity Monitoring/Reporting	Day	\$ 90.00		
2	Turbidity Curtain	Foot	\$ 6.50		
3	Mobilization & Demobilization (1)	Work Order	\$ 9,000.00		
	Materials Supply				
4	Supply Limestone Rock (3' to 4' diameter)	Ton	\$ 45.00		
5	Supply Limestone Rock (2' to 3' diameter)	Ton	\$ 50.00		
6	Supply Bedding Stone	Ton	\$ 40.00		
7	Supply Sand	Ton	\$ 9.90		
8	Supply Filter Fabric	SY	\$ 4.50		
8A	Supply Tailings	Ton	\$ 35.36		
	Offshore Limestone Reef Construction				
9	Load/Install Rock	Ton	\$ 22.00		
10	Transport Rocks (2)	Ton-Mile	\$ 0.31		
	Donated Reef Materials				
11	Load/Install Reef Materials	Ton	\$ 45.00		
12	Load/Install Reef Materials with Crane and Diver	Ton	\$ 45.00		
13	Transport Reef Materials (2)	Ton-Mile	\$ 0.75		
	Inshore Breakwater/Reef Construction				
14	Load/Install Filter Fabric	SY	\$ 4.50	-	
15	Load/Install Bedding Stone	Ton	\$ 35.00	-	
15A	Load/Install Tailings	Ton	\$ 45.00		
16	Load/Install Armor Stone	Ton	\$ 50.00	-	
17	Transport All Materials (2)	Ton-Mile	\$ 0.75	-	
	Miscellaneous Inshore Construction				
18	Load/Install Sand	Ton	\$ 9.00	35,000.00	\$315,000.00
19	Transport Sand	Ton-Mile	\$ 1.50		
	Pilings				
20	Supply Prestressed 14" Square Concrete Piling	LF	\$ 17.00		
21	Load/Install Concrete Piling in Sand Substrate including 1 sign provided by County	Unit	\$ 2,500.00		
22	Load/Install Concrete Piling in Rock Substrate including 1 sign provided by County	Unit	\$ 3,500.00		
		GRAND TOTAL:			\$315,000.00
	Ton-Milage distance = 6.5 miles				

(1) Mobilization/demobilization costs shall be allowed once for Work Orders with overlapping construction schedules.

(2) Rock transport cost based on 6.5 miles distance from mouth of LW Inlet to Tarpon Cove project.



ATTACHMENT 1

INTEROFFICE MEMORANDUM

**Department of Environmental
Resources Management**

2300 North Jog Road, 4th Floor
West Palm Beach, FL 33411-2743

(561) 233-2400

FAX: (561) 233-2414

www.pbcgov.com/erm



**Palm Beach County
Board of County
Commissioners**

Mack Bernard, Mayor

Dave Kerner, Vice Mayor

Hal R. Valeche

Gregg K. Weiss

Robert S. Weinroth

Mary Lou Berger

Melissa McKinlay

County Administrator

Verdenia C. Baker

TO: File

THRU: Juan Cueto, Technical Assistant III, Contract Manager

FROM: *EA* Eric Anderson, Sr Environmental Analyst

DATE: February 1, 2019

RE: Work Supplement No 0649-5B – Justification for 270 day time extension and \$315,000 cost increase.

Palm Beach County Department of Environmental Resources Management (County) issued Work Order No. 0649-5 to Vance Construction Co. (Vance), which commenced on May 18, 2018, with an initial contract period of 210 days to achieve substantial completion by December 14, 2018. On December 5, 2018 Palm Beach County's Contract Review Committee approved a 90 day time extension to March 14, 2019.

The work was for the supply and placement of 8,180 tons of limestone rock at the County's Tarpon Cove Islands (Project). The rock was to be used to stabilize two mangrove islands upon the receipt of 70,000 cubic yards of donated sand from the Rybovich Superyacht Marina (Rybovich) expansion. Rybovich agreed to load/install the sand at no charge to the County. Using current annual contracts prices, receipt of beneficial reuse sand provides an estimated \$3.71 million cost savings to the County, had the sand been purchased.

The Project has been designed to leverage beneficial reuse sand sources from non-County projects to offset the cost to purchase, transport, and place sand in the marine environment. Work Order No. 0649-5 commenced with the expectation that the Project was to receive up to 70,000 cubic yards of donated sand from Rybovich, with load and installation of the sand provided by Rybovich free of charge to the County. However, as a result of changes in Rybovich's construction schedule, the Project only acquired an estimated 15,000 cubic yards of the previously committed sand. Not enough sand was placed at the Project to authorize the purchase, transport, and placement of limestone rock.

The Project has received additional sand commitment from the Florida Inland Navigation District (FIND), who are expected to donate up to 90,000 cubic yards of sand from maintenance dredging of the

"An Equal Opportunity
Affirmative Action Employer"

Official Electronic Letterhead



Intracoastal Waterway (ICWW) that will begin in mid-February and be completed in May 2019. An additional 55,000 cubic yards of donated sand from Ryobvich is scheduled to be delivered by September 2019. Receipt of these two beneficial reuse sand sources totaling 160,000 cubic yards provides an estimated \$8.48 million cost savings to the County's Project.

It should be noted that this current Work Order has a substantial completion deadline of March 14, 2019. Authorizing the Work Supplement for the additional time of 270 days will provide time to acquire the donated sand and the additional cost will pay Vance to load and install the sand brought by FIND's contractor from dredging the ICWW to create the Project's islands.

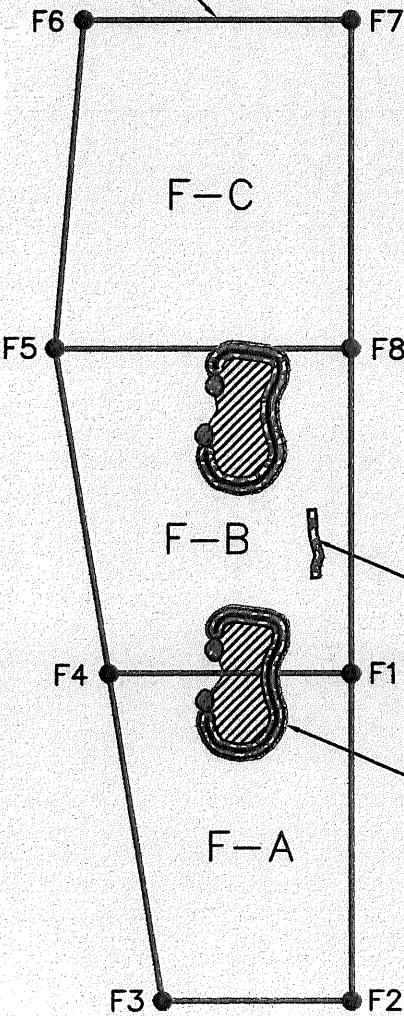
Vance has agreed to honor the 2015 contract prices which are significantly lower (18%) than the 2019 Annual Artificial Reef prices, a \$196,635 cost savings to the County.

Project costs are shared by Florida Department of Environmental Protection (FDEP) 49% and the County 51%. Funds will come from the Manatee Protection Fund and FDEP Agreement No. LP50202 (R2017-0082) which expires June 2020.

POINT	NORTHING	EASTING	LAT DEG MIN SEC	LON DEG MIN SEC
F1	857292.6	967142.1	26 41 20.5	80 02 51.4
F2	856692.6	967142.1	26 41 14.5	80 02 51.4
F3	856690.8	966798.2	26 41 14.5	80 02 55.2
F4	857292.6	966701.0	26 41 20.5	80 02 56.2
F5	857890.8	966603.7	26 41 26.4	80 02 57.3
F6	858490.8	966655.6	26 41 32.4	80 02 56.6
F7	858490.8	967142.1	26 41 32.3	80 02 51.3
F8	857890.8	967142.1	26 41 36.3	80 02 51.2

CORDOVA RD

F.I.N.D. BENEFICIAL RE-USE
PLACEMENT AREA

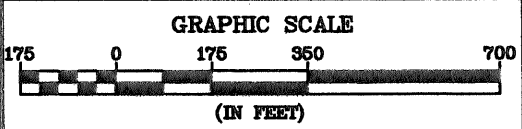


F.I.N.D. BENEFICIAL
RE-USE PLACEMENT NOTES:

1. ALL PLACED MATERIALS FINAL GRADE TO BE AT OR BELOW ELEVATION +1.0 FT NAVD
2. TEMPORARY OPERATIONAL MATERIAL GRADES TO BE NO GRATER THAN ELEVATION +10.0 FT NAVD
3. EQUILIBRATED TOE OF SLOPE OF PLACED MATERIALS SHALL NOT EXTEND BEYOND THE AREAS DEFINED IN POINTS F1-F8.
4. FILL PLACEMENT SHALL BEGIN AT THE SOUTH END OF BOX F-A AND PROCEED NORTHWARD.
5. FILL IS TO BE PLACED WITH AN APPROXIMATE 250 FT CREST WIDTH.
6. MLLW= -2.41 FT NAVD PER FDEP LABINS STATION ID: 8722621

FUTURE OYSTER REEF CONSTRUCTION TYP.
(SEE W.O. 0649-5 PLANS)

FUTURE ISLAND CONSTRUCTION TYP.
(SEE W.O. 0649-5 PLANS)



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Sheet:
1
of
1

Project:

TARPON COVE ISLANDS
WORK SUPPLEMENT #5B
RE-USE PLACEMENT AREA

SEAL
Joseph B. Carlson P.E.
License No. 04431

Scale: AS NOTED

Approved: JBC
Drawn: JPC
Checked: JBC
Date: 1/29/2018

Field Book No:

No:

Revision:

By:

Date:

PALM BEACH COUNTY
DEPARTMENT OF
ENVIRONMENTAL RESOURCES MANAGEMENT
2300 NORTH JOG ROAD, 4th FLOOR
WEST PALM BEACH, FLORIDA 33411
(561) 233-2400



BUDGET AVAILABILITY STATEMENT
Palm Beach County
Environmental Resources Management

REQUEST DATE: 01/31/2019

REQUESTED BY: Eric Anderson

PHONE: 233-2514

PROJECT TITLE: Artificial Reef & Breakwater Annual Contracts

PROJECT: 2015ERM01

SITE: Tarpon Cove Islands

ACTIVITY: Contruction

CONTRACTOR/CONSULTANT NAME: Vance Construction Company

SCOPE OF SERVICES: Work Supplement 0649-5B; Tarpon Cove \$315,000

BUDGET ACCOUNT NUMBER(S):

<u>Fund</u>	<u>Dept</u>	<u>Unit</u>	<u>Obj</u>	<u>SObj</u>	<u>Program</u>	<u>(Proj)</u> <u>Task</u>	<u>(Site)</u> <u>Sub Task</u>	<u>(Activity)</u> <u>Task Ord</u>	<u>Amount</u>
1226	380	3010	3401			E194	ILWL	012	\$160,650
1229	380	3010	3401			E194	ILWL	012	\$154,350

BAS APPROVED BY: S. Neary **DATE:** 1/31/19

ENCUMBRANCE NUMBER: _____

CONTRACT HISTORY
Palm Beach County Artificial Reef & Breakwater Annual Contract (Primary Contractor)
Project Number 2015ERM01
The Vance Construction Co.

Contract R2015-0649 dated May 19, 2015 for initial 1 year Term expires on May 18, 2016 for \$1,178,684.50
Amendment No. 1 (R2016-0641) increases Contract for 2nd Year by \$1,178,684.50.
Amendment No. 1 (R2016-0641) extends the Contract for 1 year, expiring on May 18, 2017.
Change Order No. 1 increases Contract for 2nd Year by \$22,260.00.
Amendment No. 2 (R2017-0648) increases Contract for 3rd Year by \$1,200,944.50.
Amendment No. 2 (R2017-0648) extends the Contract for 1 year, expiring on May 18, 2018.
Change Order No. 2 increases Contract for 3rd Year by \$69,196.60.
Contract Not To Exceed: \$3,649,770.10
SBE Goal: 54.94%

Work Order Summary:

WORK ORDER NUMBER	TOTAL/ SBE AMOUNT	ACTUAL* TOTAL/SBE AMOUNT	WORK ORDER DESCRIPTION	DATE / APPROVED BY	COMMENCEMENT DATE
Amendment No. 1			Increase Contract by \$1,178,684.50 and Extend Contract by 1 Year	5/17/2016 BCC	
0649-1	\$117,498.00 \$99,498.00	\$116,269.00 \$112,219.00	Peanut Island Park	6/8/2016 CRC	6/8/2016
0649-2	\$1,004,073.38 \$812,483.38	\$944,255.46 \$922,335.46	Torry Island and Pahokee Marina Artificial Reefs	8/16/2016 BCC	10/19/2016
0649-3	\$149,988.82 \$131,000.82	\$137,488.82 \$125,257.53	Phil Foster and Sugar Sands Reefs	11/9/2016 CRC	11/16/2016
0649-3A	-\$71.08 \$474.20	-71.08 474.20	Phil Foster and Sugar Sands Reefs / 21 day Work Time Extension	2/16/2017 ERM	11/16/2016
0649-2A	\$19,080.00 -\$61,966.90	\$19,080.00 \$19,080.00	Torry Island and Pahokee Marina Artificial Reefs / 30 day Work Time Extension, Replace USACE Permit, and Add Pilings	3/8/2017 ERM	10/19/2016
0649-3B	\$17,500.00 -\$10,475.71	17,500.00 -10,475.71	Phil Foster and Sugar Sands Reefs / 9 day Work Time Extension and Piling Rock Installation	3/6/2017 ERM	11/16/2016
Change Order No. 1			Increase Contract by \$22,260.00 for Steel Piling Line Items and Revise Contract Bid Form and Technical Specifications	4/5/2017 ERM	
0649-2B	\$0.00 \$0.00	\$0.00 \$0.00	Torry Island and Pahokee Marina Artificial Reefs / Replace Concrete Pilings with Steel Pilings	4/5/2017 ERM	10/19/2016
Amendment No. 2			Increase Contract by \$1,200,944.50 and Extend Contract by 1 Year	5/16/2017 BCC	
Change Order No. 2			Increase Contract by \$69,196.60 for Tailings and #57 Limestone Line Items, Revise Contract Bid Form and Technical Specifications	1/3/2018 CRC	
0649-4	\$473,489.10 \$423,199.10	290,818.49 290,818.49	Grassy Flats Islands/Bryant Park Islands/Snook Islands II	2/6/2018 BCC	2/7/2018
0649-5	\$872,837.50 \$717,417.50		Tarpon Cove Islands; BCC Delegation 5/1/18	5/18/2018 ERM	5/18/2018
0649-5A	\$0.00 \$0.00		Tarpon Cove Islands / 90 day Work Time Extension	12/5/2018 CRC	5/18/2018
0649-5B	\$315,000.00 \$315,000.00		Tarpon Cove Islands / 270 day Work Time Extension and Price Increase	BCC	5/18/2018

Total: \$2,713,178.19
SBE: \$2,492,126.47
SBE Participation: 91.85%

Contract Balance: \$936,591.91
Report Date: 1/29/2019

* Actual amount expended for completed Work Orders and approved for closeout by Contract Review Committee.