

Work Order # 4

TO: City of Fort Lauderdale 100 North Andrews Avenue Fort Lauderdale, FL 33301	CITY CONTACT: Raymond Nazaire PHONE: 954 - 828 - 8954 FAX:
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PROJECT NAME: 2012-2013 Annual Marine Facilities Contract PROJECT LOCATION: Various	BID NUMBER: 223-11047 BID DATE: December 18 2012
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CONTRACT ITEM #	ITEM DESCRIPTION	Est. Quantity	UNIT	UNIT PRICE	TOTAL PRICE
<b>CORDOVA AND 9TH ST. SEAWALL</b>					
1	Remove existing timber and/or concrete piling and dispose off the job site to a Broward County approved location.	15	Ea	\$400.00	\$6,000.00
4	Remove a section of existing concrete cap up to 36" wide and up to 16" thick, or any other dimension not included in this item, disposal of all the materials off the job site to a Broward County approved disposal location removal of fallen debris and materials off the river's bottom, including any and all incidentals to complete same.	110	SF	\$10.00	\$1,100.00
30	Furnish all materials and equipment to construct a toe wall footing consisting of eight-feet (8) long aluminum sheet piling, topped including but not limited to, any required specialty equipment and means to drive the specified sheet length into the ground regardless of the existing soil layers, all incidentals to complete same. And according to the details shown in Exhibit 9.	77	LF	\$120.00	\$9,240.00
56	Install a turbidity barrier at any working area, during demolition and construction. No additional compensation or extra payment will be allowed for relocating the turbidity	150	LF	\$20.00	\$3,000.00

**ACCEPTED:**

The above prices, specifications and conditions are satisfactory and are hereby accepted by:

(Authorized Signature)

*T.S. [Signature]*  
Assistant Director of public works

Print Name &amp; Title

Date of Acceptance: 01.23, 2013

**CONFIRMED:**

ENGINEER CONTROL SYSTEMS, CORP.

*[Signature]* 10.21.2013  
Frank Zayas, President

Tel: 305 - 895 - 4376

Email: Frank.Zayas@ecscontrols.comcastbiz.net

Work Order # 4

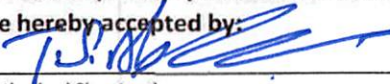
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PROJECT LOCATION: Various	BID DATE: December 18 2012

CONTRACT ITEM #	ITEM DESCRIPTION	Est. Quantity	UNIT	UNIT PRICE	TOTAL PRICE
	barrier as many times as necessary or indicated by the Engineer to any working area.				
47	Repair existing rubble rock seawall by filling voids on the wall with rubble rock material of the appropriate size including sealing face of wall with non-shrink grout cement mortar, coat no less than 1/4" thick.	462	SF	\$7.50	\$3,465.00
49	Construct miscellaneous reinforced concrete work as directed by the engineer.	4.32	CY	\$900.00	\$3,888.00
37	Furnish all labor, materials, and equipment to construct 24" wide x 10" thick concrete cap, according to the details shown in Exhibit 8.	77	LF	\$70.00	\$5,390.00
54	Haul, Place, and compact in lifts, clean sandy fill material along the back of newly constructed seawall and at any other required places as directed by the Engineer. Delivery tickets shall verify quantities.	9	CY	\$55.00	\$495.00
55	Haul and place St. Augustine "Floritam" and Bahia Sod along the back of newly constructed seawall and any other places as directed by the Engineer.	85.55	SY	\$8.75	\$748.56
	<b>Total Bid Price Cordova and 9th St. Seawall</b>				<b>\$33,326.56</b>

## ACCEPTED:

The above prices, specifications and conditions are satisfactory and are hereby accepted by:

  
(Authorized Signature)  
Assistant Director Public Works

Print Name & Title  
Date of Acceptance: Oct. 23, 2013

## CONFIRMED:

ENGINEER CONTROL SYSTEMS, CORP.

  
Frank Zayas, President

Tel: 305 - 895 - 4376

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Work Order # 5

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CONTRACT ITEM #	ITEM DESCRIPTION	Est. Quantity	UNIT	UNIT PRICE	TOTAL PRICE
<b>ISLE OF PALM SEAWALL</b>					
4	Remove a section of existing concrete cap up to 36" wide and up to 16" thick, or any other dimension not included in this item, disposal of all the materials off the job site to a Broward County approved disposal location removal of fallen debris and materials off the river's bottom, including any and all incidentals to complete same.	1740	SF	\$10.00	\$17,400.00
47	Repair existing rubble rock seawall by filling voids on the wall with rubble rock material of the appropriate size including sealing face of wall with non-shrink grout cement mortar, coat no less than 1/4" thick.	5220	SF	\$7.50	\$39,150.00
49	Construct miscellaneous reinforced concrete work as directed by the engineer.	128	CY	\$900.00	\$115,200.00
37	Furnish all labor, materials, and equipment to construct 24" wide x 10" thick concrete cap, according to the details shown in Exhibit 8.	870	LF	\$70.00	\$60,900.00
54	Haul, Place, and compact in lifts, clean sandy fill material along the back of newly constructed seawall and at any other required places as directed by the Engineer. Delivery tickets shall verify quantities.	145	CY	\$55.00	\$7,975.00

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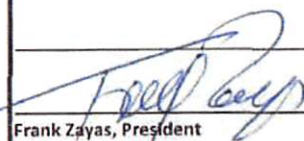
  
(Authorized Signature)

Assistant Director Public Works  
Print Name & Title

Date of Acceptance: Oct 23, 2013

CONFIRMED:

ENGINEER CONTROL SYSTEMS, CORP.

  
Frank Zayas, President 10.21.2013

Tel: 305 - 895 - 4376

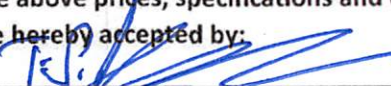

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CONTRACT ITEM #	ITEM DESCRIPTION	Est. Quantity	UNIT	UNIT PRICE	TOTAL PRICE
55	Haul and place St. Augustine "Floritam" and Bahia Sod along the back of newly constructed seawall and any other places as directed by the Engineer.	85.55	SY	\$8.75	\$748.56
56	Install a turbidity barrier at any working area, during demolition and construction. No additional compensation or extra payment will be allowed for relocating the turbidity barrier as many times as necessary or indicated by the Engineer to any working area.	150	LF	\$20.00	\$3,000.00
<b>Total Bid Price Isle of Palm Seawall</b>					<b>\$244,373.56</b>
<b>GEORGE ENGLISH EAST</b>					
8	Remove an existing reinforced concrete structure of any length and width and no more than twenty four (24) inches thick, including but not limited to, any utility pipe attached to it, or any other attachments, disposal of all the materials off the job site to a Broward County approved disposal location, removal of fallen debris and materials from the River's bottom, and all incidentals to complete it.	200	SF	\$15.00	\$3,000.00

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Work Order # 6

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CONTRACT ITEM #	ITEM DESCRIPTION	Est. Quantity	UNIT	UNIT PRICE	TOTAL PRICE
	From previous page				\$3,000.00
50	Repair spalled, broken concrete areas, or both with epoxy mortar, including but not limited to, removal of loose material to sound concrete, preparing surface to receive repair material, form work and installing steel reinforcement and/or wire mesh if necessary and as directed by the Engineer, cleaning of river bottom incidentals to complete same and according to the details shown in Exhibit 2 ( This item is being used as follows; To form install reinforcing steel, and Pour new concrete pier and beams LS. For this calculation 132 CF volume, plus 15 CF for Existing pile repairs ).	147	CF	\$475.00	\$69,825.00
56	Install a turbidity barrier at any working area, during demolition and construction. No additional compensation or extra payment will be allowed for relocating the turbidity	400	LF	\$20.00	\$8,000.00
	<b>Total Bid Price George English</b>				\$80,825.00

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(Authorized Signature)

Print Name & Title

Date of Acceptance:

*Assistant Director Public Works*

*Oct. 23, 2013*

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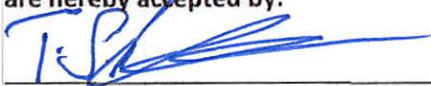

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CONTRACT ITEM #	ITEM DESCRIPTION	Est. Quantity	UNIT	UNIT PRICE	TOTAL PRICE
	COOLEY'S LANDING				
1	Remove Existing timber and/or concrete piling and dispose off the job site to a Broward County approved location. This item includes the removal of fallen debris and materials from the river's bottom.	12	Ea.	\$400.00	\$4,800.00
7	Furnish timber marine pile, fourteen-inch (14") tip diameter, and thirty feet (30") long inspected and certified at plant.	12	Ea	\$500.00	\$6,000.00
8	Drive timber marine pile, fourteen-inch (14") tip diameter, thirty-feet long, including but not limited to, any required specialty equipment and means to drive the pile length into the ground as directed by the Engineer, regardless of the existing soil layers and all incidentals to complete same.	12	Ea.	\$700.00	\$8,400.00
25	Install new black synthetic rubber cone pile cap on timber piling, According to the details shown in Exhibit 7.	12	Ea.	\$35.00	\$420.00
<b>Total Bid Price:</b>					<b>\$19,620.00</b>

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