Work Order #

PAGE 1

TO: City of Fort Lauderdale
100 North Andrews Avenue
Fort Lauderdale, FL 33301

CITY CONTACT: Raymond Nazaire

PHONE: 954 - 828 -8954

FAX:

PROJECT NAME: 2012-2013 Annual Marine Facilities Contract

PROJECT LOCATION: Various

BID NUMBER: 223-11047

BID DATE: December 18 2012

CONTRACT					
ITEM #	ITEM DESCRIPTION	Est. Quantity	UNIT	UNIT PRICE	TOTAL PRICE
	CORDOVA AND 9TH ST. SEAWALL				
1	Remove existing timber and/or concrete piling and of	15	Ea	\$400.00	\$6,000.00
	and dispose off the job site to a Broward				
	County approved location.				
4	Remove a section of existing concrete cap	110	SF	\$10.00	\$1,100.00
	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, icluding any and all				
	incidentals to complete same.				
30	Furnish all materials and equipment to	77	LF	\$120.00	\$9,240.00
	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.				
56	Install a turbidity barrier at any working area,	150	LF	\$20.00	\$3,000.00
	during demolition and construction.				
	No additional compensation or extra payment				
	will be allowed for relocating the turbidity				

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The above prices, specifications and conditions are satisfactory and

are hereby accepted by:

(Authorized Signature)

Date of Acceptance:

Print Name & Title

Assistant Director OF prolic Works

CONFIRMED:

ENGINEER CONTROL SYSTEMS, CORP.

Frank Zayas, President

Tel: 305 - 895 - 4376

Email:Frank.Zayas@ecscontrols.comcastbiz.net

10,21.2013

Work Order #

TO:

City of Fort Lauderdale

100 North Andrews Avenue Fort Lauderdale, FL 33301

CITY CONTACT: Raymond Nazaire

PAGE 2

PHONE: 954 - 828 -8954

FAX:

PROJECT NAME: 2012-2013 Annual Marine Facilities Contract

PROJECT LOCATION: Various

BID NUMBER: 223-11047

BID DATE: December 18 2012

rrier as many timeas as necessary or indicated	Est. Quantity			
the Engineer to any working area.				
epair existing rubble rock seawall by	462	SF	\$7.50	\$3,465.00
ling voids on the wall with rubble rock				
aterial of the appropriate size including				
aling face of wall with non-shrink grout				
ment mortar, coat no less than 1/4" thick.				
onstruct miscellaneous reinforced concrete	4.32	CY	\$900.00	\$3,888.00
ork as directed by the engineer.				
irnish all labor, materials, and equipment	77	LF	\$70.00	\$5,390.00
construct 24" wide x 10" thick concrete cap,				
cording to the details shown in Exhibit 8.				
aul, Place, and compact in lifts, clean sandy	9	CY	\$55.00	\$495.00
material along the back of newly				
instructed seawall and at any other required				
aces as directed by the Engineer. Delivery				
kets shall verify quantities.				
aul and place St. Agustine "Floritam" and	85.55	SY	\$8.75	\$748.56
ahia Sod along the back of newly constructed				
awall and any other places as directed by				
e Engineer.				
otal Bid Price Cordova and 9th St. Seawall				\$33,326.5
	aling face of wall with non-shrink grout ment mortar, coat no less than 1/4" thick. Instruct miscellaneous reinforced concrete ork as directed by the engineer. Inish all labor, materials, and equipment construct 24" wide x 10" thick concrete cap, cording to the details shown in Exhibit 8. Instructed, and compact in lifts, clean sandy material along the back of newly Instructed seawall and at any other required laces as directed by the Engineer. Delivery likets shall verify quantities. Instructed seawall and any other required laces as directed by the Engineer of the Engineer. Instructed seawall and at any other required laces as directed by the Engineer of the Engineer. Instructed seawall and any other places as directed by the Engineer of the Engineer of the Engineer. Instructed seawall and any other places as directed by the Engineer.	aling face of wall with non-shrink grout ment mortar, coat no less than 1/4" thick. Instruct miscellaneous reinforced concrete A.32 ork as directed by the engineer. rnish all labor, materials, and equipment construct 24" wide x 10" thick concrete cap, cording to the details shown in Exhibit 8. ul, Place, and compact in lifts, clean sandy material along the back of newly nstructed seawall and at any other required aces as directed by the Engineer. Delivery kets shall verify quantities. ull and place St. Agustine "Floritam" and hia Sod along the back of newly constructed awall and any other places as directed by e Engineer.	aterial of the appropriate size including aling face of wall with non-shrink grout ment mortar, coat no less than 1/4" thick. Instruct miscellaneous reinforced concrete 4.32 CY Ork as directed by the engineer. Inish all labor, materials, and equipment 77 LF Construct 24" wide x 10" thick concrete cap, Cording to the details shown in Exhibit 8. Initially lalong the back of newly material along the back of newly material along the Engineer. Delivery kets shall verify quantities. Initially lalong the back of newly constructed awall and any other places as directed by the Engineer. Engineer.	aling face of wall with non-shrink grout ment mortar, coat no less than 1/4" thick. Instruct miscellaneous reinforced concrete A.32 CY \$900.00 ork as directed by the engineer. Inish all labor, materials, and equipment Construct 24" wide x 10" thick concrete cap, Cording to the details shown in Exhibit 8. Init, Place, and compact in lifts, clean sandy Instructed seawall and at any other required Instructed seawall and at any other required Instructed by the Engineer. Delivery Instructed seawall and at any other required Initiating the back of newly Instructed seawall and at any other required In

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The above prices, specifications and conditions are satisfactory and

ASSISIANT DIRETO PUBLIC WORKS

Print Name & Title

Date of Acceptance: 0 eT. 23, 2013

CONFIRMED:

ENGINEER CONTROL SYSTEMS, CORP.

Frank Zayas President

Tel: 305 - 895 - 4376

Email:Frank.Zayas@ecscontrols.comcastbiz.net

10.21.2013

Work Order # 5

PAGE 3

TO:	City of Fort Lauderdale	CITY CONTACT: Raymond Nazaire
	100 North Andrews Avenue	PHONE: 954 - 828 -8954
	Fort Lauderdale, FL 33301	FAX:

PROJECT NAME: 2012-2013 Annual Marine Facilities Contract

PROJECT LOCATION: Various

BID NUMBER: 223-11047

BID DATE: December 18 2012

CONTRACT	ITTM DESCRIPTION		LINUT	UNIT PRICE	TOTAL PRICE
ITEM #	ITEM DESCRIPTION	Est. Quantity	UNIT	UNIT PRICE	TOTAL PRICE
	ISLE OF PALM SEAWALL				
4	Remove a section of existing concrete cap	1740	SF	\$10.00	\$17,400.00
	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, icluding any and all				
	incidentals to complete same.				
47	Repair existing rubble rock seawall by	5220	SF	\$7.50	\$39,150.00
	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.				
49	Construct miscellaneous reinforced concrete	128	CY	\$900.00	\$115,200.00
	work as directed by the engineer.				
37	Furnish all labor, materials, and equipment	870	LF	\$70.00	\$60,900.00
	to construct 24" wide x 10" thick concrete cap,				
	according to the details shown in Exhibit 8.				
54	Haul, Place, and compact in lifts, clean sandy	145	CY	\$55.00	\$7,975.00
	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.				

AC	CI	EΡ	TE	D:

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

(Authorized Signature)

ASSISIANT DINECTOR PHOLIC WORLS

Print Name & Title

Date of Acceptance: UCA 23,2013

CONFIRMED:

ENGINEER CONTROL SYSTEMS, CORP.

Frank Zayas, President

Tel: 305 - 895 - 4376

Email:Frank.Zayas@ecscontrols.comcastbiz.net

0,21,2013

Work Order # 5

page 4

TO:	City of Fort Lauderdale	CITY CONTACT: Ray
	100 North Andrews Avenue	PHONE: 954 - 828
	Fort Lauderdale, FL 33301	FAX:

ymond Nazaire

-8954

PROJECT NAME: 2012-2013 Annual Marine Facilities Contract

PROJECT LOCATION: Various

BID NUMBER: 223-11047

BID DATE: December 18 2012

ITEM #	ITEM DESCRIPTION	Est. Quantity	UNIT	UNIT PRICE	TOTAL PRICE
55	Haul and place St. Agustine "Floritam" and	85.55	SY	\$8.75	\$748.56
	Bahia Sod along the back of newly constructed				
	seawall and any other places as directed by				
	the Engineer.				
56	Install a turbidity barrier at any working area,	150	LF	\$20.00	\$3,000.00
	during demolition and construction.				
	No additional compensation or extra payment				
	will be allowed for relocating the turbidity				
	barrier as many timeas as necessary or indicated				
	by the Engineer to any working area.				
	Total Bid Price Isle of Palm Seawall				\$244,373.56
	GEORGE ENGLISH EAST				
8	Remove an existing reinforced concrete	200	SF	\$15.00	\$3,000.00
	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.				

ACCEPTED:	CONFIRMED:
The above prices, specifications and conditions are satisfactory and are hereby accepted by:	ENGINEER CONTROL SYSTEMS, CORP.
Authorized Signature) ASSISIANT DIVETOR PUBLIC WALLS WINTER Name & Title Date of Acceptance: UET. 23, 2013	Frank/Zayas, President Tel: 305 - 895 - 4376

ENGINEER CONTROL SYSTEMS,	CORP.	12550 Biscayn	ne Blvd.,	Ste 800.	Miami, FL 33	181
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Work Order # 🕼

PAGE 5

TO: City of Fort Lauderdale
100 North Andrews Avenue
Fort Lauderdale, FL 33301

CITY CONTACT: Raymond Nazaire

PHONE: 954 - 828 -8954

FAX:

PROJECT NAME: 2012-2013 Annual Marine Facilities Contract

PROJECT LOCATION: Various

BID NUMBER: 223-11047

BID DATE: December 18 2012

CONTRACT ITEM #	ITEM DESCRIPTION	Est. Quantity	UNIT	UNIT PRICE	TOTAL PRICE
II LIVI #		Est. Quantity	ONIT	OIVIT PRICE	\$3,000.00
50	From previous page	147	CF	¢475.00	
50	Repair spalled, broken concrete areas, or	147	CF	\$475.00	\$69,825.00
	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).				
56	Install a turbidity barrier at any working area,	400	LF	\$20.00	\$8,000.00
	during demolition and construction.				
	No additional compensation or extra payment				
	will be allowed for relocating the turbidity				
	Total Bid Price George English				\$80,825.00

ACCEPTED:	CONFIRMED:		
The above prices, specifications and conditions are satisfactory and			
are hereby accepted by:	ENGINEER CONTROL SYSTEMS, CORP.		
Authorized Signature	1/100 leup 10.21.201		
ASSISIANT DIVERD Public WORKS	ACT T		
Print Name & Title	Frank Zayas, President		
Date of Acceptance: 0et. 23, 2013	Tel: 305 - 895 - 4376		
	Email: Frank Zavas@ecscontrols comcasthiz net		

Work Order #

TO:

City of Fort Lauderdale

100 North Andrews Avenue Fort Lauderdale, FL 33301

CITY CONTACT: Raymond Nazaire

PAGE 6

PHONE: 954 - 828 -8954

FAX:

PROJECT NAME: 2012-2013 Annual Marine Facilities Contract

PROJECT LOCATION: Various

BID NUMBER: 223-11047

BID DATE: December 18 2012

CONTRACT				T	
ITEM #	ITEM DESCRIPTION	Est. Quantity	UNIT	UNIT PRICE	TOTAL PRICE
	COOLEY'S LANDING				
1	Remove Existing timber and/or concrete	12	Ea.	\$400.00	\$4,800.00
	piling and dispose off the job site to a			7.55.5	7 70000
	Broward County approved location. This item				
	includes the removal of fallen debris and				
	materials from the river's bottom.				
7	Furnish timber marine pile, fourteen-inch	12	Ea	\$500.00	\$6,000.00
	(14") tip diameter, and thirty feet (30") long				
	inspected and certified at plant.				
8	Drive timber marine pile, fourteen-inch	12	Ea.	\$700.00	\$8,400.00
	(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.			-	
25	Install new black synthetic rubber cone pile	12	Ea.	\$35.00	\$420.00
	cap on timber piling, According to the details				-
	shown in Exhibit 7.				
				Total Bid Price:	\$19,620.00

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

(Authorized Signature)

Assisioni Director Public Works

Print Name & Title

Date of Acceptance:__

CONFIRMED:

ENGINEER CONTROL SYSTEMS, CORP.

Frank Zayas, President

Tel: 305 - 895 - 4376

Email:Frank.Zayas@ecscontrols.comcastbiz.net

ENGINEER CONTROL SYSTEMS, CORP. 12550 Biscayne Blvd., Ste 800, Miami, FL 33181 PAGE 7 Work Order # TO: City of Fort Lauderdale CITY CONTACT: Raymond Nazaire PHONE: 954 - 828 -8954 100 North Andrews Avenue FAX: Fort Lauderdale, FL 33301 BID NUMBER: 223-11047 PROJECT NAME: 2012-2013 Annual Marine Facilities Contract BID DATE: December 18 2012 PROJECT LOCATION: Various CONTRACT ITEM # Est. Quantity UNIT **UNIT PRICE** TOTAL PRICE ITEM DESCRIPTION GEORGE ENGLISH WEST 35.40 CF \$475.00 \$16,815.00 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 SUMMARY Cordova and 9th. Street \$33,326.56

Total Bid Price: \$394,960.12

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

(Authorized Signature)

ASSISIANI

Print Name & Title

Ded. 23, 2013 Date of Acceptance:

Isle of Palm Seawall

George English East

George English West

Cooley's Landing

CONFIRMED:

ENGINEER CONTROL SYSTEMS, CORP.

Frank Zayas, President

Tel: 305 - 895 - 4376

Email:Frank.Zayas@ecscontrols.comcastbiz.net

10.21.2013

\$244,373.56

\$80,825.00

\$19,620.00

\$16,815.00