

CONSULTING SERVICE AUTHORIZATION

DATE: _____

SERVICE AUTHORIZATION NO. 12-13 FOR ENGINEERING CONSULTING SERVICES

CITY P.O. NO. _____ CITY EXPENSE CODE _____

CITY PROJECT NO. 16-042 WGI CONSULTANT PROJECT NO. 1004.XX

This Service Authorization, when executed, shall be incorporated in and shall become an integral part of, the "Agreement for General Consulting Services" contract executed January 24, 2012.

Title: Agreement for General Consulting Engineering Services - Seawall Repairs (Island Drive - SE Corner)

I. PROJECT DESCRIPTIONS

A. PROJECT DESCRIPTION - CITY PROJECT NO. 16-042

This project includes Survey, concrete coring, geotechnical investigation, structural field review structural analysis and cost estimating for the repair / replacement of the failing southeastern seawall adjacent to the Island Drive Bridge.

II. SCOPE OF SERVICES FOR SEAWALL REPAIRS (ISLAND DRIVE - SE CORNER)

Phase I - Study and Report Phase

1. Investigation: Records search Delray Beach and FDOT Records for original construction drawings.
2. On site field measurements and inspection from land and waterside of the seawall.
3. Letter Report: Brief Letter Report with the findings from the field review.

Phase II - Preliminary Design Phase

Based on the results of the Letter Report Phase above, as well as direction provided by the City, WGI will provide the following (75%) design services for the Island Drive Seawalls:

- 1.Design Drawings
- 2.Engineer's Opinion of Probable Construction Costs
- 3.Review Meeting with City Staff
- 4.Utility Coordination with the applicable Utility Agency Owner (UAO).

Phase III - Final Design Phase

- 1.Incorporating the comments from the 75% review WGI will produce Final (100%) Design drawings and Specifications for bidding. Design Construction Drawings.
- 2.Engineer's Opinion of Probable Construction Costs.
- 3.Review Meeting with City Staff.

Phase IV - Bidding/Negotiation Phase

Bid Phase services will be provided as follows:

- 1.Support the City in the preparation of the project's bidding documents.
- 2.Response to contractor requests for information (RFIs).
- 3.Attendance at the Pre-Bid meeting.
- 4.Prepare a formal letter recommendation of award.

Phase V - Construction Administration

Not Applicable

Other - Permitting

FDEP Permit exemption will be applied for the southeastern wing wall.

Other - Surveying

WGI shall provide surveying phase services for the Island Drive seawalls in accordance with the "Agreement for Land Surveying Consulting Services" dated January 24, 2012 and include the following information:

1. General location of horizontal structures
 - a. Bridge, barrier walls, sidewalk, centerline of roadway 20' beyond bridge on each side;
2. Horizontal features, Topo and soundings (tied to datum) of the southeastern bridge wingwall.
 - a. Southeastern Wing walls pile locations cap extent (width, depth) cap transition location, above ground utilities lift station structures, trees. Soundings to extend to 30' beyond wall.

Other - Street Lighting

Not Applicable

Other - Subsurface Utility Engineering (SUE) Location Services

Not Applicable

Other - Geotechnical Services:

Perform Concrete Coring Investigation services as needed.

One soil boring will be taken within the region of the southeastern wing wall. Driven pile recommendations want an investigative report will be produced with soil parameter for the replacement wall

Notes:

WGI will perform the services listed above based on the following:

1. The project does not include services for the alteration, removal or relocation of protected species.
2. The improvements will not require the relocation of any existing utilities, temporarily or permanently.

III. COMPENSATION

The compensation for services provided shall be billed on an hourly basis, plus reimbursable expenses for each phase of work, in accordance with Article VII, Method II, up to the following not-to-exceed cost of \$39,906.

Engineering Services - (City Project 15-XXX)

Phase I - Study and Report Phase (Not Applicable)	\$ 5,263.00
Phase II - Preliminary Design Phase (Not Applicable)	\$11,765.00
Phase III - Final Design Phase	\$ 4,073.00
Phase IV - Bidding/Negotiating Phase	\$ 1,569.00
Phase V - Construction Admin. Phase	---
Other Services - Permitting	\$ 3,153.00
Other Services - Surveying	\$ 6,000.00
Other Services - Subsurface Utility Engineering (SUE)	---
Other Services - Geotechnical	\$ 7,300.00
Reimbursables -	\$ 782.00
<u>Total Compensation -</u>	<u>\$39,906.00</u>

IV. COMPLETION DATE

To be completed by: One Hundred and Twenty (120) days from receipt of authorization to proceed by the City.

This service authorization is approved contingent upon the City's acceptance of and satisfaction with the completion of the services rendered in the previous phase or as encompassed by the previous service authorization. If the City in its sole discretion is unsatisfied with the services provided in the previous phase or service authorization, the City may terminate the contract without incurring any further liability. WGI shall commence work on any service authorization approved by the City to be included as part of the contract without a further notice to proceed.

Approved by:

CITY OF DELRAY BEACH:

Date _____

By: _____
Cary D. Glickstein
Mayor

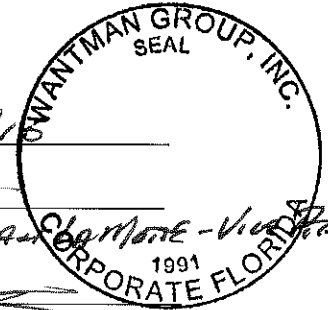
CONSULTANT:

Date 12/22/15

By: [Signature]

Witness (Signature)

Witness (Printed)



Brian Clamone - Vice President
Stephen Cherry

Attest: _____

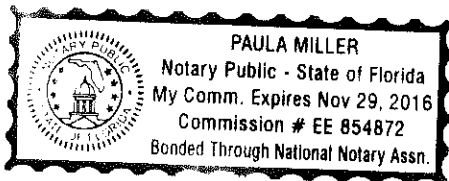
Approved as to Legal Sufficiency

City Attorney

BEFORE ME, the foregoing instrument, this 22 day of December, 2015, was acknowledged by Brian J. LaMotte on behalf of the Corporation Wantman Group, Inc., and said person executed the same free and voluntarily for the purpose therein expressed.

Witness my hand and seal in the County and State aforesaid this 22 day of December, 2015.

Paula Miller
Notary Public
State of Florida
My Commission Expires: 11/29/14



			City of DB Project No. 15-				
City of Delray Beach - Island Drive SE Seawall Structural Improvements							
Prepared by: Brett Oldford, PE							
Date: December 11, 2015							
City Project No. 15-			\$ 144.99	\$ 127.86	\$ 93.09	\$ 76.44	
PHASE	TASK	TASK DESCRIPTION	Project Manager	Sr. Project Engineer	Engineer	CADD Technician	TOTAL
1		Study and Report Phase					
	a	Field Reconnaissance	4	8	8		\$ 2,348
	b	Drawing and Document Research	2	8			\$ 1,313
	c	Report	4	8			\$ 1,603
	d						\$ -
	e						\$ -
		STUDY AND REPORT SUBTOTAL	\$ 1,450	\$ 3,069	\$ 745	\$ -	\$ 5,263
2		PRELIMINARY DESIGN PHASE					
	a	75% Plans & Specifications	4	10	14	38	\$ 6,067
	b	75% Cost Estimate	2	2	8	4	\$ 1,596
	c	QAQC	2	4		4	\$ 1,107
	d	75% Review Meeting with City of Delray Beach (1@ 2 hours)	2	4			\$ 801
	e	Meeting Coordination (Agenda, minutes, documents etc.)		2			\$ 256
	f	Utility Coordination	2	4	4	10	\$ 1,938
		PRELIMINARY DESIGN SUBTOTAL	\$ 1,739.88	\$ 3,324.36	\$ 2,420.34	\$ 4,280.64	\$ 11,765
3		FINAL DESIGN PHASE					
	a	100% Plans & Specifications	1	4	4	6	\$ 1,487
	b	100% Cost Estimate		2	4	2	\$ 781
	c	QAQC	1	2		2	\$ 554
	d	100% Review Meeting with City of Delray Beach (1@ 2 hours)	1	2			\$ 401
	e	Meeting Coordination (Agenda, minutes, documents etc.)		2			\$ 256
	f	Utility Coordination		2	2	2	\$ 595

							\$	-
		FINAL DESIGN SUBTOTAL	\$ 434.97	\$ 1,790.04	\$ 930.90	\$ 917.28	\$	4,073
4		BIDDING / NEGOTIATION PHASE						
	a	Bid Package Support		2			\$	256
	b	RFI Response		4			\$	511
	c	Pre-Bid Meeting Support	2	2			\$	546
	d	Recommendation of Award		2			\$	256
							\$	-
							\$	-
		BIDDING / NEGOTIATION SUBTOTAL	\$ 289.98	\$ 1,278.60		\$ -	\$	1,569
		SUBTOTAL FOR PHASE 1-5					\$	22,670
	a.	Survey (Other Services incl. R/W staking)					\$	6,000
	b.	Subsurface Utility Engineering (Other Services)					\$	-
	c.	Geotech Soil Investigation (Other Services)					\$	7,300
	d.	FDEP Permitting	2	20		4	\$	3,153
	e.							
		Reimbursable Expenses						
	e.	Miscellaneous plans etc. - 2% of total labor fees	\$ 78	\$ 190		\$ 100	\$	782
		EXPENSES SUBTOTAL	\$ 78	\$ 190		\$ 100	\$	782
		TOTAL	\$ 3,993	\$ 9,652		\$ 5,298	\$	39,906