

CONSULTING SERVICE AUTHORIZATION

DATE: \_\_\_\_\_

SERVICE AUTHORIZATION NO. 12-15 FOR ENGINEERING CONSULTING SERVICES

CITY P.O. NO. \_\_\_\_\_ CITY EXPENSE CODE \_\_\_\_\_

CITY PROJECT NOS. 16-096 WGI PROJECT NO. \_\_\_\_\_

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: Design and Construction Administration for the Veteran's park Seawall and Public Dock Improvements Construction Engineering Design, Permitting, Surveying, Bidding and Negotiation and Resident Project Representative Services for the Veteran's Park Seawall Repairs, Seawall Cap Replacement and Wooden Dock Replacement along east end of Veteran's Park.

I. PROJECT DESCRIPTION

Construction Engineering Design, Permitting, Surveying, Bidding and Negotiation and Resident Project Representative Services for the Veteran's Park Seawall Repairs, Seawall Cap Replacement and Wooden Dock Replacement along east end of Veteran's Park.

Seawall repairs shall be based on field-identified structural and safety deficiencies. The seawall will cap will also be replaced and raised to account for rising tides and wave action. All existing marginal wooden docks will be removed and new marginal docks will be reconstructed. Additionally, WGI will prepare an Opinion of Probable Construction Cost (OPCC) for budgeting and bidding purposes.

II. This Service Authorization is for construction phase services associated with City Project No. 12-15.

III. This Service Authorization is for Engineering design, permitting, post design (bidding) and construction inspection services associated with City Project No. 16-096.

IV. SCOPE OF SERVICES FOR VETERAN'S PARK SEAWALL REPAIRS, SEAWALL CAP RECONSTRUCTION AND WOODEN DOCK REPLACEMENT

Phase I - Study and Report Phase

Not Applicable.

Phase II - Preliminary Design Phase

Prepare an in-depth dock inspection, attend a project kick-off meeting, prepare field visit documentation and document coordination of the survey, geotechnical and record drawings.

Phase III - Final Design Phase

The scope of the project will be to prepare Construction Documents for repair of the concrete seawall and cap and for replacement of the marginal docks at Veterans Park. Seawall repairs shall be based on field-identified structural and safety deficiencies. All existing marginal docks will be removed and new marginal docks will be constructed. Construction Documents shall include Calculations, Plans, and Specifications, signed and sealed by a Florida Registered Professional Engineer, as required. Design will utilize the existing geotechnical information from previous designs. Design services do not include areas west of the seawall including the existing paverbrick walkways and sidewalks.

Phase IV - Bidding/Negotiation Phase

Assist the City with the public bidding of the project including the attendance at the pre-bid meetings, responding to request for information, review of bids and preparation of a bid recommendation letter to the City.

Phase V - Resident Project Representative Phase

WGI shall provide construction services in accordance with, Article III (Duties of Consultant) Section E, Phase V-(Construction Phase), Items 1-18 of the Agreement for Engineering Services with the City, dated January 24, 2012.

#### Other - Permitting

Prepare permit applications and associated permit engineering plans and associated calculations and documentation. Respond the Requests for Additional Information (RAI's) from the regulatory agencies and amend and revise plans/details accordingly.

1. Preparation of an application to the US Army Corps of Engineers (USACE) for a Nationwide 3 permit for maintenance/repair of an existing dock.
2. Preparation of an application to the Florida Department of Environmental Protection (DEP) that proposed activities meet exemption criteria as cited in paragraph 62-330.051(12)(b) F.A.C.
3. Permitting is based on current scope to replace existing dock structure and replace seawall to increase height in response to rising water levels. Should the scope expand, additional permitting may be required.
4. Respond to Requests for Information (RAI's) from regulatory agencies

#### Other - Surveying

1. Prepare survey calculation file and field package information.
2. Research public records for plats, NGS and county control, survey information, etc.
3. Locate, check, and reference horizontal & vertical control.
4. Locate all improvements within 25 feet of seawall edge, including but not limited to: seawall, docks, piling, sidewalks, light poles, visible utilities, and adjacent seawall waterway soundings at 50 foot intervals.
5. Process, check, and review field information.
6. Prepare topographic survey for engineering base map purposes.
7. Final review and QC by Professional Surveyor and Mapper.

#### Other - Street Lighting

Not Applicable

#### Other - Subsurface Utility Engineering (SUE) Location Services

Not Applicable

#### Other - Geotechnical Services:

Not Applicable - (WGI will utilize the existing soil boring and geotechnical information from the previous seawall/dock project)

V. 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 for each phase.

Engineering Services - (City Project Nos.16-096)

Phase I - Study and Report Phase (Not Applicable)	---
Phase II - Preliminary Design Phase	\$4,854.16
Phase III - Final Design Phase	\$22,049.34
Phase IV - Bidding/Negotiating Phase	\$6,187.04
Phase V - Resident Project Representative Phase	\$11,749.92
Other Services - Permitting	\$4,624.68
Other Services - Surveying	\$7,565.20
Other Services - Geotechnical (Not Applicable)	---
Other Services - (Not Applicable)	---
Reimbursable -	<u>\$800.00</u>

Total Compensation - \$57,830.34

VI. COMPLETION DATE

SEE ATTACHED DESIGN, PERMITTING AND CONSTRUCTION SERVICES SCHEDULE



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 6/22/2016

By: Brian LaMotte

(Seal)

Per W [Signature]  
Witness (Signature)

Per W Lorentzen  
Witness (Printed)

Attest: \_\_\_\_\_

Approved as to Legal Sufficiency

\_\_\_\_\_  
City Attorney

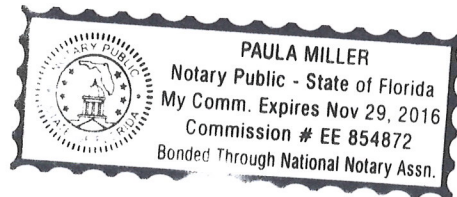
BEFORE ME, the foregoing instrument, this 22 day of June, 2016, was acknowledged by Brian LaMotte on behalf of the Corporation Wantman Group Inc., and said person executed the same free and voluntarily for the purpose therein expressed.

Witness my hand and seal in the County and State aforesaid this 22 day of June, 2016.

\_\_\_\_\_  
Notary Public

State of Florida

My Commission Expires:



**Veteran's Park Seawall and Dock Improvements Project Schedule**  
**City of Delray Beach Project #**

[illegible]

Service Authorization Number :

**Notes:**

1. Duration of Phase 5 is dependent on the construction schedules (Preliminary estimate - 4 months)
2. Upon receipt of a signed service authorization from the City, the schedule will begin.



City Project No.

DESCRIPTION	SR PROJECT MANAGER	PROJECT MANAGER	FIELD ENGINEER	PROJECT ENGINEER	ENGINEER	FIELD INSPECTOR	SENIOR PROFESSIONAL SURVEYOR	3 MAN SURVEY CREW	SURVEYOR / TECH	TOTAL LABOR COSTS	SUBTOTAL - LABOR COSTS
I. IN-DEPTH DOCK INSPECTION:											
Kick Off Meeting	3			2		2				\$ 964.68	
Project Coordination	4			4		4				\$ 1,584.16	
Field Visit / Documentation	3			8		8				\$ 2,305.32	\$ 4,854.16
II. PREPARATION OF CONTRACT DOCUMENTS:										\$ -	
A. PLAN SHEETS										\$ -	
Cover Sheet and Index	1				2					\$ 358.78	
General Notes	1				4					\$ 544.96	
Marginal Dock Plan and Elevation (1 of 2)	1	8			8					\$ 2,077.24	
Marginal Dock Plan and Elevation (2 of 2)	1				4					\$ 544.96	
Seawall Repair Plan (1 of 2)	1	8			8					\$ 2,077.24	
Seawall Repair Plan (2 of 2)	1				4					\$ 544.96	
Concrete Repair Notes and Details (1 of 2)	1	4		8	8					\$ 2,348.80	
Concrete Repair Notes and Details (2 of 2)	1				4					\$ 544.96	
Typical Sections	1	4		4	8					\$ 1,923.04	
Timber Details (1 of 2)	1			4	8					\$ 2,503.00	
Timber Details (2 of 2)	1	4			4					\$ 1,124.92	
Fender System Details	1	4		2	8					\$ 1,710.16	
Hardscape Design West side of Seawall	1			2	4					\$ 757.84	
B. OPCC	1			4						\$ 598.36	
C. TECHNICAL SPECIFICATIONS	1			4	4					\$ 970.72	
QA/QC	4				4					\$ 1,062.76	
D. Meetings	2	8		8						\$ 2,356.64	\$ 22,049.34
III. SURVEYING											
A. Field Work							4	32		\$ 5,409.80	
B. Survey Preparation							4		16	\$ 2,155.40	\$ 7,565.20
IV. POST DESIGN SERVICES											
A. Construction Engineering Inspection (CEI)	6	16		16		40				\$ 9,738.48	
B. Meetings		8		8						\$ 2,011.44	\$ 11,749.92
V. BIDDING ASSISTANCE											
A. Prepare Bid Documents	2			16	32					\$ 5,027.12	
B. Meetings		8								\$ 1,159.92	
										\$ -	\$ 6,187.04
VI. PERMITTING											
A. Prepare Applications				6						\$ 638.64	
B. Meetings & Permit follow up		4		32						\$ 3,986.04	
										\$ -	\$ 4,624.68
VII. REIMBURSABLES										\$ 800.00	\$ 800.00
SUBTOTALS - HOURS	39	84	0	128	114	54	8	32	16		
FEE ESTIMATE											
Hourly Rate (1)	\$ 172.60	\$ 144.99	\$ 125.00	\$ 106.44	\$ 93.09	\$ 117.00	\$ 152.45	\$ 150.00	\$ 96.60		
	\$ 6,731.40	\$ 12,179.16	\$ -	\$ 13,624.32	\$ 10,612.26	\$ 6,318.00	\$ 1,219.60	\$ 4,800.00	\$ 1,545.60		

Note: (1) All Hourly rates are approved rates with the City of Delray Beach

WGI Total Labor Fees \$ 57,830.34