

CONSULTING SERVICE AUTHORIZATION

DATE: _____

SERVICE AUTHORIZATION NO. 12-03.02 FOR ENGINEERING CONSULTING SERVICES

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

CITY PROJECT NO. 14-039 CONSULTANT PROJECT NO. 1004.06

TITLE: System 58A & 87 Force Main Replacement Project

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, as Amended November 5, 2013."

Title: Agreement for General Consulting Engineering Services

I. PROJECT DESCRIPTION

- A. Construct a force main from LS 58A to an existing 8" force main along Germantown road near Via Verona Road. Connect existing 4" force main from LS 59C (Rabbit Hollow Drive) and the 4" force main from LS 55 to the proposed force main (along Germantown Road). Abandon existing 4" force main from LS 58A to LS 58 and existing 4" force main from Rabbit Hollow Drive to valve on existing 8" force main along Germantown Road.
- B. Replace approximately 1,400 linear feet of deteriorating force main (City of Delray Beach wastewater collection system #87) along Military Trail discharging out of Lift Station #87 (located at the LWDD L-33 Canal north to the US Post Office).

II. SCOPE OF SERVICES

Phase I- Study and Report Phase

Not Applicable.

Phase II - Preliminary Design Phase

Not Applicable.

Phase III - Final Design Phase

WGI shall provide final design services in accordance with, Article III (Duties of Consultant) Section C, Phase III-(Construction Phase), Items 1-7 of the Agreement for Engineering Services with the City, dated January 24, 2012.

A. Design of Lift Station Nos. 55, 58A & 59C electrical and control improvements including:

1. Site visit for LS 55 and LS 59C;
2. Revise the design for LS 59C for a new electrical service and modify the existing control panel to accommodate new 15 HP pumps.
3. Upgrade the electrical service to LS 55 for 3 phase power and design a new control panel for LS 55 to accommodate the new 15 HP pumps.
4. Revise the design for LS 58A for the new 15 HP pumps recommended by the manufacturer (previously 25 HP pumps were recommended).
5. Prepare contract documents, suitable for bidding, permit and construction.
6. Furnish AutoCAD drawings and City standard detail drawings.

B. Design a reclaimed water main to run the length of the project along Old Germantown Road (SW 36th Avenue to Via Verona). The City will determine the size of the reclaimed water main. The construction plans, cost estimate, specifications and bid documents will be revised accordingly. Permitting is not anticipated.

Phase IV - Bidding/Negotiation Phase

Not Applicable

Phase V - Construction Administration

WGI shall provide construction administration 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.

This Service Authorization provides the construction phase services required for the additional scope items and design revisions described above.

A. Electrical design and revisions:

1. Review shop drawings;
2. Response to Requests for Information and Change Orders;
3. Conduct one (1) intermediate construction observation for LS 55;
4. Attend the start-up of LS 55;
5. Perform a final inspection and prepare a punch-list;
6. Prepare record drawings based upon contractor as-built drawings.

B. Reclaimed water main

1. Two (2) construction observations;
2. One (1) pressure test;
3. The remainder of the construction phase services shall be performed under the previous Construction Administration Service Authorization 12-03.1.

Other - Permitting

Not Applicable

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 for each phase.

<u>Engineering Services</u>	<u>Estimated Fees</u>
Phase I - Study and Report Phase (Not Applicable)	---
Phase II - Preliminary Design Phase (Not Applicable)	---
Phase III - Final Design Phase	\$ 5,912.78
Phase IV - Bidding/Negotiating Phase (Not Applicable)	---
Phase V - Construction Administration Phase	\$ 3,110.46
Other Services (Not Applicable)	---
Reimbursables -	\$ <u>150.00</u>

Total Compensation - \$ 9,173.24

IV. COMPLETION DATE

To be completed by: See attached Project 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 _____

Cary D. Glickstein
Mayor

WGI: Wantman Group, Inc.

Date

by:



Witness

Witness

Attest: _____

Janice Ruskin
Interim City Attorney

Approved as to Legal
Sufficiency and Form

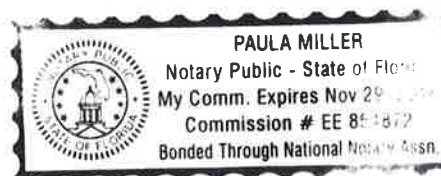
BEFORE ME, the foregoing instrument,
this 4 day of August, 2016,
was acknowledged by Paula Miller
on behalf of the Corporation
Wantman Group and said person
executed the same free and voluntarily
for the purpose there-in expressed.

Witness my hand and seal in the County
and State aforesaid this 4 day of
August, 2016.

Notary Public

State of Florida

My Commission Expires 11/22/16



SYSTEMS 58A & 87
City of Delray Beach Project Nos. 14-039

Task Name	Description	Duration	Month 1				Month 2				Month 3				Month 4			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PHASE 1	Not Applicable																	
PHASE 2	Not Applicable																	
PHASE 3	FINAL DESIGN PHASE	36																
PHASE 4	Not Applicable																	
PHASE 5	CONSTRUCTION PHASE	No change.																
Service Authorization Number : 12-03.1 Notes: 1. The Lengths of phases are subject to change due to unforeseen conditions. 2. This schedule will commence upon receipt of a signed service authorization from the City.																		



City of Delray Beach Electrical & Reclaimed Water Main SA

By: Jimmy Richie, PE 7-06-2016

\$ 144.99 \$ 106.44 \$ 93.09

TASK DESCRIPTION	Principal Engineer	Project Manager	Professional Engineer	Senior Designer	Engineer Intern	Other (lump sum)	Expenses	TOTAL
Final Design Phase								
1 WGI - reclaimed water, elec support/asst.		2	8		24			\$ 3,375.66
2 SEC						\$2,500.00		\$ 2,500.00
3 WGI Subcontractor Mark-up (10%)						\$ 250.00		\$ 250.00
								\$ -
SUBTOTAL HOURS	0	2	6		24			32
SUBTOTAL FEE	\$ -	\$ 289.98	\$ 638.64	\$ 2,234.16	\$ 2,750.00	\$ -		\$ 5,912.78
Construction Services								
1 WGI		2	4		8			\$ 1,460.46
2 SEC						\$1,500.00		\$ 1,500.00
3 WGI Subcontractor Mark-up (10%)						\$ 150.00		\$ 150.00
								\$ -
SUBTOTAL HOURS	0	2	4		8			14
SUBTOTAL FEE	\$ -	\$ 289.98	\$ 425.76	\$ 744.72	\$ 1,650.00	\$ -		\$ 3,110.46
TOTAL HOURS	0	4	10		32			
TOTAL FEE	\$ -	\$ 579.96	\$ 1,064.40	\$ 2,978.88	\$ 4,400.00			\$ 9,023.24
TOTAL EXPENSES						\$ 150.00		
TOTAL PROPOSAL	\$ -	\$ 579.96	\$ 1,064.40	\$ 2,978.88	\$ 4,400.00	\$ 150.00		\$ 9,173.24