



Engineering ♦ Surveying ♦ Environmental ♦ Planning

March, 5, 2014

Mr. Randal L. Krejcarek, PE
LEED AP, GISP
City Engineer
City of Delray Beach
434 S. Swinton Avenue
Delray Beach, FL 33444

RE: City of Delray Beach Consulting Service Authorization No. 12-03, City P.O. No. 696718, City Expense Code-442-5178-536-6388, City Project No. 14-039 – Scrivener's Error

Dear Randal,

In the processing of the above referenced Consulting Service Authorization it was discovered that a scrivener's error was made in the summation of the Estimated Fees column. We have corrected the error and have revised the Consulting Service Authorization to reflect the correct reimbursable fee from \$1,096.00 to the corrected amount of \$413.00.

If you have any questions please feel free to contact me.

WANTMAN GROUP, INC.

Sincerely,

A handwritten signature in blue ink, appearing to read 'D. Wantman', is written over a faint, larger signature.

David S. Wantman, P.E.
President

Encl: Consulting Service Authorization No. 12-03

CONSULTING SERVICE AUTHORIZATION

DATE:

11/27/2014SERVICE AUTHORIZATION NO. 12-03 FOR ENGINEERING CONSULTING SERVICESCITY P.O. NO. 696718 CITY EXPENSE CODE 442-5178-536-6388CITY PROJECT NO. 14-039 CONSULTANT PROJECT NO. _____

TITLE: System 58A & 87 Force Main Replacement Project

- A. Replace approximately 1,400 linear feet of deteriorating force main (City of Delray Beach wastewater collection system #87) along Military Trail; from Lift Station #87 (located at the LWDD L-33 Canal north to the US Post Office).
- B. Install new Force Main from LS 58A to existing 8" FM along Germantown road near Via Verona Road.
Connect existing 4" Force Main from LS 59C (Rabbit Hollow Drive) and Force Main from LS55 to new 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.

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 ServicesI. PROJECT DESCRIPTION

This project includes Engineering Design, Surveying, Lift Station Analysis and Permitting services which includes the following components:

- A. Replace approximately 1,400 linear feet of deteriorating force main (City of Delray Beach wastewater collection system #87) along Military Trail; from Lift Station #87 (located at the LWDD L-33 Canal north to the US Post Office).

B. Intstall new Force Main from LS 58A to existing 8" FM along Germantown road near Via Verona Road. Connect existing 4" Force Main from LS 59C (Rabbit Hollowe Drive) and Force Main from LS55 to new Force Main (along Germantown Road). Abandon existing 4" Force Main from LS 58A to LS 58 and existing 4" Force Main from Rabbit Hollowe Drive to valve on existing 8" Force Main along Germantown Road.

The replacement will require an analysis of the #58 system for tie-in pressures and flow calculations and an analysis of the pumping characteristics of three separate lift station located on the #58 system. This proposal does not include design modifications to the lift stations that this force main will be servicing beside the recommendation with specifications for the types of pumps and impellers that may need to be modified.

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-(Final Design Phase), Items 1-7 of the Agreement for Engineering Services with the City, dated January 24, 2012.

- A. Construction Plans and Specifications - WGI shall prepare construction plans, technical specifications, subsurface utility engineering, cost estimating and surveys services conforming to the requirements of the current Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (Florida Green Book) as applicable, and the City of Delray Beach's design details and specifications.

Phase IV - Bidding/Negotiation Phase

WGI shall provide final bidding phase services in accordance with Article III of the Agreement For General Consulting Services (Duties of Consultant) Section C, Phase IV, (Bidding and Negotiation Phase), Items 1-5 of the Agreement for Engineering Services with the City, dated January 24, 2012.

- A. WGI shall assist City in advertising for and obtaining bids or negotiating proposals for construction (including materials, equipment and labor). It is anticipated that work shall be awarded under a single construction contract. WGI shall provide up to twenty-five (25) sets of bidding documents to the City to issue bid package. The City shall receive and process deposits for bidding documents and shall maintain a record of prospective bidders to whom bidding documents have been issued.
- B. WGI shall attend one mandatory pre-bid conference and provide a written summary of issues discussed.
- C. WGI shall issue addenda and shall provide supplemental information or clarification as appropriate to interpret, clarify, or expand the bidding documents to all prospective bidders during the bid period.
- D. WGI shall attend the bid opening, prepare bid tabulation sheets and assist City in evaluating bids and proposals, and in assembling and awarding contract for construction. WGI shall submit to City a written recommendation concerning contract award.
- E. WGI shall furnish all bid information to the City in electronic format to be used in conjunction with the bidding service, "Demand Star".

Phase V - Construction Administration

Not Applicable

Other - Permitting

WGI will secure a permit from the following permitting agencies:

- a. Lake Worth Drainage District.
- b. Palm Beach County Health Department.
- c. Palm Beach County Land Development Division - Utility Permit within a Right-of-Way.
- d. Florida Department of Transportation - Utility Permit for Work within a Right-of-Way (Military Trail).

Other - Surveying

WGI shall provide final bidding phase services in accordance with the, "Agreement for Land Surveying Consulting Services" dated January 24, 2012 between The City of Delray Beach and Wantman Group, Inc.

Other - Subsurface Utility Engineering (SUE) Location Services

Utility Locations to address potential conflicts

Other - Geotechnical Services:

WGI will provide four (4) soil borings in the areas of the directional drilling operation (to ensure that the soils are acceptable for a directional drilling operation).

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	\$45,239.00
Phase IV - Bidding/Negotiating Phase	\$9,621.00
Phase V - Construction Administration Phase (Not Applicable)	---
Other Services - Permitting	\$ 5,792.00
Other Services - Surveying	\$11,400.00
Other Services - Subsurface Utility Engineering	\$2,800.00
Other Services - Geotechnical	\$4,460.00
Reimbursables -	\$1,096.00 413.00
<u>Total Compensation - \$79,725.00</u>	

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

Mayor

WGI: Wantman Group, Inc.

Date

by:

(Seal)

Witness

Witness

Attest:

Approved as to Legal
Sufficiency and Form

BEFORE ME, the foregoing instrument,
this 9th day of January,
2014, was acknowledged by Wantman Group, Inc.
on behalf of the Corporation
David Wantman 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 9th day
of January, 2014.

Notary Public

State of Florida
My Commission Expires



Jerrill Pybr
City Atty. 1/17/14

CONSULTING SERVICE AUTHORIZATION

DATE: June 26, 2015

SERVICE AUTHORIZATION NO. 12-03.1 FOR ENGINEERING CONSULTING SERVICES

CITY P.O. NO. 696718 CITY EXPENSE CODE 442-5178-536-63.88

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

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 forcemain from LS 58A to an existing 8" forcemain along Germantown road near Via Verona Road. Connect existing 4" forcemain from LS 59C (Rabbit Hollow Drive) and the 4" forcemain from LS 55 to the proposed forcemain (along Germantown Road). Abandon existing 4" forcemain from LS 58A to LS 58 and existing 4" forcemain from Rabbit Hollow Drive to valve on existing 8" forcemain along Germantown Road.
- B. Replace approximately 1,400 linear feet of deteriorating forcemain (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 No. 58A electrical control panel to include; initial site visit, review of the City's latest lift station electrical details, revise the details sheets in accordance with the requirements of the project. The design will include the lift station control panel for the existing lift station to control and monitor the proposed duplex 25 HP pump station, request and coordinate electrical service upgrade as necessary from FP&L, attend coordination and 90% plan review meetings with City representatives.
- B. Prepare contract documents, suitable for bidding, permit and construction.
- C. Furnish AutoCAD drawings and City standard detail drawings.

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 includes those services as described above for the construction of approximately 3,442 linear feet of 4" and 6" force mains, upgrading of the 3 lift station pumps and upgrading of a lift station control panel (system 58A).

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 (Electrical Panel)	\$ 4,462.16
Phase IV - Bidding/Negotiating Phase (Not Applicable)	---
Phase V - Construction Administration Phase	\$22,630.40
Other Services (Not Applicable)	---
Reimbursables -	<u>\$ 400.00</u>
<u>Total Compensation - \$27,492.56</u>	

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 June 26, 2015

[Signature]
Cary D. Glickstein
Mayor

Kimberly Brown
Acting City Clerk

Attest: Dawn Marie Cox

Approved as to Legal
Sufficiency and Form

[Signature]

WGI: Wantman Group, Inc.

Date 5/28/15

by: [Signature]
(Seal)

Witness

Witness

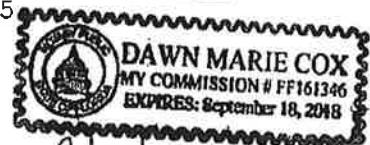


BEFORE ME, the foregoing instrument,
this 28th day of May,
2015, was acknowledged by Brian Lamotte
on behalf of the Corporation
Wantman Group Inc. and said person
executed the same free and voluntarily
for the purpose there-in expressed.
Witness my hand and seal in the County
and State aforesaid this 28th day
of May, 2015

Notary Public

State of Florida

My Commission Expires 9/18/18



Lift Station #87 and Lift Station #58 Forcemain Replacement City of Delray Beach Project #14-039

Task Name	Duration	Month 1				Month 2				Month 3				Month 4				Month 5				Month 6				Month 7				Month 8				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
PHASE 1 - Not Applicable																																		
PHASE 2 - Not Applicable																																		
PHASE 3 - Design (Electrical Panel)	3 Weeks																																	
PHASE 4 - Bidding/Negotiations	6 Weeks																																	
Construction Administration	12 Weeks																																	

Service Authorization Number : 12-03.1

Note - Upon receipt of a signed service authorization from the City, the schedule will begin





Legislation Text

File #: 16-636, Version: 1

TO: Mayor and Commissioners
FROM: John Morgan, Director of Environmental Services
THROUGH: Donald B. Cooper, City Manager
DATE: August 16, 2016

SERVICE AUTHORIZATION #12-03.2 TO WANTMAN GROUP, INC. IN THE AMOUNT OF \$9,173.24 FOR ADDITIONAL ENGINEERING SERVICES RELATED TO THE DESIGN OF SANITARY SEWER SYSTEM 58A AND 87 FORCE MAIN REPLACEMENT PROJECT (P/N 14-039).

Recommended Action:

Motion to approve Service Authorization #12-03.2 (Amendment 2 to Service Authorization #12-03) in the amount of \$9,173.24 for additional engineering services related to the Sanitary Sewer Systems 58A and 87 Force Main Replacement project (P/N 2014-039).

Background:

The City utilizes approved engineering consultants retained through RFQ #2012-06. The original agreement, with the Consultant, was executed on January 2012.

On January 7, 2014, City Commission awarded Service Authorization (SA) #12-03 to Wantman Group, Inc. in the amount of \$79,725.00 for engineering services to replace deteriorating piping and pumps at the lift stations. Services included final design, surveying, geotechnical services, permitting, and bidding services required in preparing a bid package for the project.

On May 19, 2015, City Commission approved Amendment 1 (SA #12-03.1) to Wantman Group, Inc. in the amount of \$27,492.56 for engineering services relating to the upgrade of the electrical control panel on Lift Station 58A, providing design and construction administration services.

Scope of services under this amendment will include engineering to provide improvements to upstream lift stations 55 and 59, upgrading the electrical services and control panel to accommodate enhanced pumps. In addition, while performing the update to the Reclaimed Water Master Plan to evaluate the feasibility for expansion to additional customer areas, staff thought it prudent, as part of this project, to install piping for reclaimed water. Therefore, services also include engineering design of approximately 1,950 linear feet of 8" piping which will be available for the expansion of the reclaimed water system.

This recommendation is in compliance with Purchasing Code Section 36.06(A)(1) Change Orders Beyond Scope of Work.

City Attorney Review:

Finance Review:

Funding y Source:

Funding is available from 442-5178-536.63.88 (Water and Sewer, R & R/ Force Main Replacement).

Timing of Request:

This request is time-sensitive as it keeps the project on schedule.

MEMORANDUM

To: Kanya Oliver, Business Operations Administrator
From: Kimberly Wynn, Deputy City Clerk
Date: 9/6/2016
Re: Service Authorization 12-03.02/Wantman Group, Inc.

For your record and disbursement, please find attached two (2) executed originals of the following Service Authorization 12-03.02/Wantman Group, Inc. for additional engineering services related to the Sanitary Sewer Systems 58A and 87 Force Main Replacement Project; File No. 16-747.

This item were approved by the City Commission at the August 16, 2016 Regular City Commission Meeting.

An original agreement has been retained in the City Clerk Department for official records.

Please call me at 243-7057 if you have any questions.

Thank you.

Attachment

CONSULTING SERVICE AUTHORIZATION

DATE:

8/30/2016

SERVICE AUTHORIZATION NO. 12-03.02 FOR ENGINEERING CONSULTING SERVICES

CITY P.O. NO. _____ CITY EXPENSE CODE 442-5178-536.63-88

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

8/30/2016

[Signature]
Cary D. Glickstein
Mayor

WGI: Wantman Group, Inc.

Date

8/4/2016

by:

Brian LaMotte



Attest: [Signature]
City Clerk

[Signature]
Janice Rustin
Interim City Attorney

Witness

Witness

BEFORE ME, the foregoing instrument, this 4 day of August, 2016, was acknowledged by Brian LaMotte 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 11/29/16



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)	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	\$ 1,850.00	\$ -	\$ 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



MEMORANDUM

TO: Mayor and City Commissioners

FROM: Environmental Services Department

THROUGH: Donald B. Cooper, City Manager

DATE: February 26, 2015

SUBJECT: AGENDA ITEM 8.B. - Regular Commission Meeting OF May 19, 2015
S.A. No. 12-03.1 (Amendment No.1)/ Wantman Group, Inc.

Background

Request consideration for approval of a Service Authorization #12-03.1 (Amendment #1) to Wantman Group, Inc. in the amount of \$27,492.56 for providing professional engineering design services related relating to the Replacement of Force Mains at Systems 58A and 87 project (P/N 2014-039). Specific services under this authorization include upgrading a lift station electrical control panel and for providing construction administration services during project construction.

The City utilized engineering consultants retained via RFQ #2012-06 (City Project #12-057) for our Capital Improvement Program. The original agreement, with Wantman Group, Inc., was executed on January 24, 2012. Amendment No. 2 was executed in January 2015 extending the agreement through January 2016.

On January 7, 2014, City Commission awarded service authorization #12-03 to Wantman Group, Inc. in the amount of \$79,725.00 for engineering services to replace piping and pumps at the lift stations. Services included final design, surveying, geotechnical services, permitting, and bidding services required in preparing a bid package for the project.

Under current consideration, additional design services to upgrade an existing electrical control panel at Lift Station #58A to enhance the reliability of the lift station's operation, as well as providing construction administration services for the installation of approximately 3,450 linear feet of 4' and 6" force main piping, new pumps and control panel.

This recommendation is in compliance with Purchasing Code Section 36.06(A)(1) Change Orders Beyond Scope of Work.

Attachments include:

- Service Authorization #12-03.1 (Amendment #1)
- Location Maps

Discussion

Consider approval of a Service Authorization #12-03.1 (Amendment #1) with Wantman Group, Inc. in the amount of \$27,492.56 for professional engineering services (via RFQ #2012-06) related to the Replacement of Force Mains at Systems 58A and 87 project (P/N 2014-039), providing design a lift station electrical control panel and construction administration services during project construction.

Timing of the Request

This item is critical in keeping the overall project on schedule.

Funding Source

Funding is available from 442-5178-536.63.88 (Water and Sewer, R & R/ Force Main Replacement).

Recommendation

Through a motion, approve Service Authorization #12-03.1 (Amendment #1) with Wantman Group, Inc. in the amount of \$27,492.56 for professional engineering services (via RFQ #2012-06) related to the Replacement of Force Mains at Systems 58A and 87 project (P/N 2014-039), providing design a lift station electrical control panel and construction administration services during project construction.

CONSULTING SERVICE AUTHORIZATION

DATE: June 26, 2015

SERVICE AUTHORIZATION NO. 12-03.1 FOR ENGINEERING CONSULTING SERVICES

CITY P.O. NO. 696718 CITY EXPENSE CODE 442-5778-536-63.88

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

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 forcemain from LS 58A to an existing 8" forcemain along Germantown road near Via Verona Road. Connect existing 4" forcemain from LS 59C (Rabbit Hollow Drive) and the 4" forcemain from LS 55 to the proposed forcemain (along Germantown Road). Abandon existing 4" forcemain from LS 58A to LS 58 and existing 4" forcemain from Rabbit Hollow Drive to valve on existing 8" forcemain along Germantown Road.
- B. Replace approximately 1,400 linear feet of deteriorating forcemain (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 No. 58A electrical control panel to include; initial site visit, review of the City's latest lift station electrical details, revise the details sheets in accordance with the requirements of the project. The design will include the lift station control panel for the existing lift station to control and monitor the proposed duplex 25 HP pump station, request and coordinate electrical service upgrade as necessary from FP&L, attend coordination and 90% plan review meetings with City representatives.
- B. Prepare contract documents, suitable for bidding, permit and construction.
- C. Furnish AutoCAD drawings and City standard detail drawings.

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 includes those services as described above for the construction of approximately 3,442 linear feet of 4" and 6" force mains, upgrading of the 3 lift station pumps and upgrading of a lift station control panel (system 58A).

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 (Electrical Panel)	\$ 4,462.16
Phase IV - Bidding/Negotiating Phase (Not Applicable)	---
Phase V - Construction Administration Phase	\$22,630.40
Other Services (Not Applicable)	---
Reimbursables -	<u>\$ 400.00</u>

Total Compensation - \$27,492.56

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 June 24, 2015

[Signature]
Cary D. Glickstein
Mayor

Kimberly Zhou
Acting City Clerk

Attest: Dawn Marie Cox

Approved as to Legal
Sufficiency and Form

[Signature]

WGI: Wantman Group, Inc.

Date 5/28/15

by: [Signature]

(Seal)

[Signature]
Witness

[Signature]
Witness

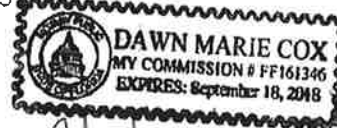


BEFORE ME, the foregoing instrument,
this 28th day of May,
2015, was acknowledged by Brian Lamotte
on behalf of the Corporation
Wantman Group Inc. and said person
executed the same free and voluntarily
for the purpose there-in expressed.
Witness my hand and seal in the County
and State aforesaid this 28th day
of May, 2015

Notary Public

State of Florida

My Commission Expires 9/18/18



City of Delray Beach - Lift Station 58A a& 87 Upgrades																	
Prepared by: Brian J. LaMotte, PE/Jimmy Richie, PE			This information was completed based on the 01/24/2012 contract with Delray Beach Contract and WG.														
Date: February 18, 2015					\$ 204.81	\$ 172.60	\$ 127.86	\$ 106.44	\$ 67.77								

**Lift Station #87 and Lift Station #58 Forcemain Replacement
City of Delray Beach Project #14-039**

Task Name	Duration	Month 1				Month 2				Month 3				Month 4				Month 5				Month 6				Month 7				Month 8				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
PHASE 1 - Not Applicable																																		
PHASE 2 - Not Applicable																																		
PHASE 3 - Design (Electrical Panel)	3 Weeks																																	
PHASE 4 - Bidding/Negotiations	6 Weeks																																	
Construction Administration	12 Weeks																																	

Service Authorization Number : 12-03.1

Note - Upon receipt of a signed service authorization from the City, the schedule will begin



MEMORANDUM

TO: MAYOR AND CITY COMMISSIONERS

THRU: Louie Chapman, City Manager

THRU: Randal Krejcarek, P.E., Environmental Services Director

FROM: Victor Majtenyi, Deputy Director of Public Utilities

SUBJECT: AGENDA ITEM - CITY COMMISSION MEETING OF JANUARY 7, 2014
FORCE MAIN SYSTEM 58A & 87 REPLACEMENT, P/N 2014-039
SERVICE AUTHORIZATION # 13-03; DESIGN SERVICES

DATE: December 17, 2014

ITEM BEFORE THE COMMISSION

Request to approve Service Authorization #13-03 to the Wantman Group, Inc. in the amount of \$79,725. It is for professional engineering services in the design of Replacement of Force Mains at Systems 58A and 87, P/N 2014-039.

BACKGROUND

The Public Utilities Division has experienced failures on the force main system conveying wastewater from Lift Station 58A (located at Spanish Wells, west end of Germantown Rd) to Lift Station 58 (located at Lakeview Golf Course, near Shadywoods). Staff has also experienced failures on force main system 87, conveying wastewater north from Lift Station 87 (located at the northwest corner of the Delray Square Plaza) along Military Trail to the US Post Office. Both systems have been in service since the mid 1970's. Projects to address the replacement of these systems was programmed and approved in the 2014 Capital Improvement Plan.

This service authorization is for professional services in the design of replacement force main piping for Systems 58A and 87 Force Main Replacement project. Services under this authorization include final engineering design, surveying, geotechnical services, permitting, and bidding services required in preparing a bid package for the project.

Total cost for this Service Authorization #13-03 is \$79,725.

FUNDING SOURCE

Funding is available from account #442-5178-536-63.88, Water & Sewer Renewal and Replacement Fund/Force Main Replacement.

RECOMMENDATION

Staff recommends approval of Service Authorization #13-03 to Wantman Group, Inc. in the amount of \$79,725 for professional engineering services related to the design of the System 58A and 87 Force Main Replacement project, P/N 2014-039.

cc: File 2014-039(E)
Agenda file, 2014 Jan07

CONSULTING SERVICE AUTHORIZATION

DATE:

SERVICE AUTHORIZATION NO. 12-03 FOR ENGINEERING CONSULTING SERVICES

CITY P.O. NO. 696718 CITY EXPENSE CODE 442-5178-536-6388

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

TITLE: System 58A & 87 Force Main Replacement Project

- A. Replace approximately 1,400 linear feet of deteriorating force main (City of Delray Beach wastewater collection system #87) along Military Trail; from Lift Station #87 (located at the LWDD L-33 Canal north to the US Post Office).
- B. Intstall new Force Main from LS 58A to existing 8" FM along Germantown road near Via Verona Road.
Connect existing 4" Force Main from LS 59C (Rabbit Hollowe Drive) and Force Main from LS55 to new Force Main (along Germantown Road). Abandon existing 4" Force Main from LS 58A to LS 58 and existing 4" Force Main from Rabbit Hollowe Drive to valve on existing 8" Force Main along Germantown Road.

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

This project includes Engineering Design, Surveying, Lift Station Analysis and Permitting services which includes the following components:

- A. Replace approximately 1,400 linear feet of deteriorating force main (City of Delray Beach wastewater collection system #87) along Military Trail; from Lift Station #87 (located at the LWDD L-33 Canal north to the US Post Office).

B. Install new Force Main from LS 58A to existing 8" FM along Germantown road near Via Verona Road. Connect existing 4" Force Main from LS 59C (Rabbit Hollowe Drive) and Force Main from LS55 to new Force Main (along Germantown Road). Abandon existing 4" Force Main from LS 58A to LS 58 and existing 4" Force Main from Rabbit Hollowe Drive to valve on existing 8" Force Main along Germantown Road.

The replacement will require an analysis of the #58 system for tie-in pressures and flow calculations and an analysis of the pumping characteristics of three separate lift station located on the #58 system. This proposal does not include design modifications to the lift stations that this force main will be servicing beside the recommendation with specifications for the types of pumps and impellers that may need to be modified.

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-(Final Design Phase), Items 1-7 of the Agreement for Engineering Services with the City, dated January 24, 2012.

A. Construction Plans and Specifications - WGI shall prepare construction plans, technical specifications, subsurface utility engineering, cost estimating and surveys services conforming to the requirements of the current Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (Florida Green Book) as applicable, and the City of Delray Beach's design details and specifications.

Phase IV - Bidding/Negotiation Phase

WGI shall provide final bidding phase services in accordance with Article III of the Agreement For General Consulting Services (Duties of Consultant) Section C, Phase IV, (Bidding and Negotiation Phase), Items 1-5 of the Agreement for Engineering Services with the City, dated January 24, 2012.

- A. WGI shall assist City in advertising for and obtaining bids or negotiating proposals for construction (including materials, equipment and labor). It is anticipated that work shall be awarded under a single construction contract. WGI shall provide up to twenty-five (25) sets of bidding documents to the City to issue bid package. The City shall receive and process deposits for bidding documents and shall maintain a record of prospective bidders to whom bidding documents have been issued.
- B. WGI shall attend one mandatory pre-bid conference and provide a written summary of issues discussed.
- C. WGI shall issue addenda and shall provide supplemental information or clarification as appropriate to interpret, clarify, or expand the bidding documents to all prospective bidders during the bid period.
- D. WGI shall attend the bid opening, prepare bid tabulation sheets and assist City in evaluating bids and proposals, and in assembling and awarding contract for construction. WGI shall submit to City a written recommendation concerning contract award.
- E. WGI shall furnish all bid information to the City in electronic format to be used in conjunction with the bidding service, "Demand Star".

Phase V - Construction Administration

Not Applicable

Other - Permitting

WGI will secure a permit from the following permitting agencies:

- a. Lake Worth Drainage District.
- b. Palm Beach County Health Department.
- c. Palm Beach County Land Development Division - Utility Permit within a Right-of-Way.
- d. Florida Department of Transportation - Utility Permit for Work within a Right-of-Way (Military Trail).

Other - Surveying

WGI shall provide final bidding phase services in accordance with the, "Agreement for Land Surveying Consulting Services" dated January 24, 2012 between The City of Delray Beach and Wantman Group, Inc.

Other - Subsurface Utility Engineering (SUE) Location Services

Utility Locations to address potential conflicts

Other - Geotechnical Services:

WGI will provide four (4) soil borings in the areas of the directional drilling operation (to ensure that the soils are acceptable for a directional drilling operation).

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	\$45,239.00
Phase IV - Bidding/Negotiating Phase	\$9,621.00
Phase V - Construction Administration Phase (Not Applicable)	---
Other Services - Permitting	\$ 5,792.00
Other Services - Surveying	\$11,400.00
Other Services - Subsurface Utility Engineering	\$2,800.00
Other Services - Geotechnical	\$4,460.00
Reimbursables -	<u>\$ 1,096.00</u>
<u>Total Compensation - \$79,725.00</u>	

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

Mayor

WGI: Wantman Group, Inc.

Date

by:

(Seal)

Witness

Witness

Attest:

Approved as to Legal
Sufficiency and Form

BEFORE ME, the foregoing instrument,
this 9th day of January,
2014, was acknowledged by Wantman Group, Inc.
on behalf of the Corporation
David Wantman 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 9th day
of January, 2014.

Notary Public

State of Florida
My Commission Expires

