

REQUESTED COMMISSION ACTION:

Consent Ordinance Resolution Consideration Workshop Initiative

SHORT TITLE

OR MOTION: A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF POMPANO BEACH, FLORIDA, APPROVING AND AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE WORK AUTHORIZATION NO. 1 IN THE AMOUNT NOT TO EXCEED \$99,707.00 PURSUANT TO THE CONTRACT FOR CONSULTING/ PROFESSIONAL SERVICES BETWEEN THE CITY OF POMPANO BEACH AND CAROLLO ENGINEERS, INC FOR CONTINUING CONTRACT ENGINEERING SERVICES; PROVIDING AN EFFECTIVE DATE; (\$99,707.00).

Summary of Purpose and Why:

In order to establish uniform flows and back up pumps the contractor will prepare design drawings, bid specifications, solicitation and bid award assistance for: installation of 2 additional transfer pumps and associated piping; replacement of electrical switchgear, transformer and pump controls; modifications to existing electrical room; new installation of required HVAC.



Accomplishing this item supports achieving initiative "1.4. Ensure safe drinking water standards" identified in the City's: Quality and Affordable Services Strategy

QUESTIONS TO BE ANSWERED BY ORIGINATING DEPARTMENT:

- (1) Origin of request for this action: Utilities Department
- (2) Primary staff contact: A. Randolph Brown / Alessandra Delfico Ext 7044 / 4144
- (3) Expiration of contract, if applicable: N/A
- (4) Fiscal impact and source of funding: \$99,707.00 from CIP 05 886 Account 420-7264-533.65-03

DEPARTMENTAL COORDINATION	DATE	DEPARTMENTAL RECOMMENDATION	DEPARTMENTAL HEAD SIGNATURE
Utilities	<u>3-14-16</u>	APPROVE	
Purchasing	<u>3/15/16</u>	APPROVE	
City Attorney	<u>4/1/16</u>	APPROVE	
Finance	<u>3/15/16</u>	APPROVE	
Budget	<u>3/31/16</u>	APPROVE	

Advisory Board
 Development Services Director
 City Manager

ACTION TAKEN BY COMMISSION:

Ordinance	Resolution	Consideration	Workshop
1st Reading	1st Reading	Results:	Results:
_____	_____	_____	_____
2nd Reading	_____	_____	_____
_____	_____	_____	_____



City Attorney's Communication #2016-575

March 2, 2016

TO: Alessandra Delfico, P.E., Engineer

FROM: Jill R. Mesojedec, FRP, Paralegal

VIA: Mark E. Berman, City Attorney 

RE: Resolution – Task Authorization No. 1 / Carollo Engineers, Inc.

As requested in your memorandum dated March 1, 2016, Utilities Memorandum No. 16-56, I have prepared and attached the following form of Resolution:

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF POMPANO BEACH, FLORIDA, APPROVING AND AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE TASK AUTHORIZATION NO. 1 IN AN AMOUNT NOT TO EXCEED \$99,707.00 PURSUANT TO THE CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES BETWEEN THE CITY OF POMPANO BEACH AND CAROLLO ENGINEERS, INC. FOR CONTINUING CONTRACT FOR ENGINEERING SERVICES; PROVIDING AN EFFECTIVE DATE.

Please feel free to contact me if I may be of further assistance.



JILL R. MESOJEDEC

/jrm
l:cor/util/2016-575

Attachment

CITY OF POMPANO BEACH
Broward County, Florida

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF POMPANO BEACH, FLORIDA, APPROVING AND AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE TASK AUTHORIZATION NO. 1 IN AN AMOUNT NOT TO EXCEED \$99,707.00 PURSUANT TO THE CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES BETWEEN THE CITY OF POMPANO BEACH AND CAROLLO ENGINEERS, INC. FOR CONTINUING CONTRACT FOR ENGINEERING SERVICES; PROVIDING AN EFFECTIVE DATE.

BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF POMPANO BEACH, FLORIDA:

SECTION 1. That a Task Authorization between the City of Pompano Beach and Carollo Engineers, Inc. for design phase services for transfer station improvements, a copy of which Task Authorization is attached hereto and incorporated by reference as if set forth in full, is hereby approved.

SECTION 2. That the proper City officials are hereby authorized to execute said Task Authorization between the City of Pompano Beach and Carollo Engineers, Inc.

SECTION 3. This Resolution shall become effective upon passage.

PASSED AND ADOPTED this _____ day of _____, 2016.

LAMAR FISHER, MAYOR

ATTEST:

ASCELETA HAMMOND, CITY CLERK

That the services rendered pursuant to this Work Authorization No. 1 are in accordance with the terms and conditions of the Agreement for Consulting I Professional Services between the City of Pompano Beach and Carollo Engineers, Inc. dated January 19th 2016 and approved by City Ordinance No. 2016-26.

**CITY OF POMPANO BEACH
PROFESSIONAL ENGINEERING SERVICES FOR WATER TREATMENT FACILITIES
CONTRACT RLIH-51-10
TASK AUTHORIZATION NO. 1**

**DESIGN PHASE SERVICES FOR
TRANSFER STATION IMPROVEMENTS
February 29, 2016**

Introduction

This project will provide redundancy and reliability for the transfer of treated water into the clearwell.

This scope provides engineering and preparation of construction Contract Documents, the work includes the following:

- Assessment of remedies to hydraulic bottleneck into the transfer station (Task 1)
- Installation of two pumps owned by the City (Tasks 2 and 3)
- Upgrade of electrical equipment for the transfer station (Tasks 2 and 3)
- Ancillary improvements for HVAC, access, lighting and wall insulation (Tasks 2 and 3)

Assumptions:

1. The existing wetwell meets hydraulic institute recommendations and modifications will not be required for the addition of the two pumps.
2. The capacity of the existing and new pumps is acceptable and no further evaluation will be performed.
3. The motors for the new Owner furnished pumps will be identical in horsepower to the existing.
4. The wetwell and top slab of the pump station is in acceptable structural condition and no structural evaluations or modifications will be performed.
5. The modifications for the remedy to the hydraulic bottleneck will be limited to mechanical piping or valving in either the wetwell or yard piping leading to the transfer station.
6. The transfer station is in adequate structural condition to accept the loads of the new pumps and the minor modifications to the electrical room.

The details of the scope of work are as follows:

Task 1. Assess Hydraulic Bottleneck

Carollo will review existing drawings to determine the cause of the hydraulic drop between the filter clearwell and the transfer pump station. If possible, a remedy will be determined and included in the project's Construction Documents.

Task 2. Prepare 50 Percent Construction Documents

Carollo will prepare drawings and major specifications to an approximate 50 percent level of completion for the following items:

- Installation of Owner furnished vertical turbine pumps (limited to drawings only)
- Additional piping, valves, and electrical and instrumentation and controls for Owner furnished vertical turbine pumps.
- New electrical equipment.
- Major modifications to the electrical room.
- Piping and/or valving modifications to solve hydraulic bottleneck.

An opinion of probable cost will be prepared for the installation of the new pump station, ancillary items as well as the new electrical equipment upgrades and modifications to the electrical room.

Deliverables for Task 2:

Five paper copies will be submitted for review. Carollo will meet with the City to receive review comments.

Task 3. Prepare 90 Percent Construction Documents

Carollo will advance the drawings and specifications to an approximate 90 percent level of completion.

The opinion of probable cost will be finalized.

Deliverables for Task 3:

Five paper copies will be submitted for review. Carollo will meet with the City to receive review comments.

Task 4. Advertise/Bid/Award Assistance

Work will include the following:

1. Attendance at the pre-bid conference
2. Provide answers to Bidder's questions
3. Provide addenda (if necessary)
4. Review of bids and recommendation for award

Schedule

The schedule for completion of the Contract Documents is four months.

Fee

Compensation for services shall be based on an hourly billing rate basis with a maximum not to exceed fee of \$99,707.00. The hourly billing rates for this project are as identified in Table 1 below.

Reimbursables:

Project communication/printing charge to be reimbursed at \$12.00/hour

Total Mileage Reimbursables will not exceed \$150.00.

Table 1: Hourly Billing Rates

Staff	Rate
Elizabeth Fujikawa, P.E. (Senior Professional)	\$260.00
Len Rago, P.E. (Senior Professional)	\$260.00
Jeff Alband (Project Professional)	\$184.00
Joel Smason, S.E. (Lead Project Professional)	\$260.00
Monica Pazahanick, P.E. (Professional)	\$152.00
Chad Green, P.E. (Professional)	\$152.00
CAD Technician (Designer)	\$138.00
Contract Document Manager (Administrative Assistant)	\$79.00

Subconsultant Participation

The Carollo team will include the following subconsultants:

1. Gamboa Engineers, LLC; Mario Gamboa, P.E., to provide electrical engineering services. Gamboa Engineers is a minority owned firm.

REMAINDER OF PAGE INTENTIONALLY LEFT BLANK

"CORPORATION":

Witnesses:

[Handwritten Signature]
[Handwritten Signature]

Carollo Engineers Inc.
Corporation Name

[Handwritten Signature]
Signature

Elizabeth Fujikawa, P.E.
Typed, Stamped or Printed Name

Vice President
Title

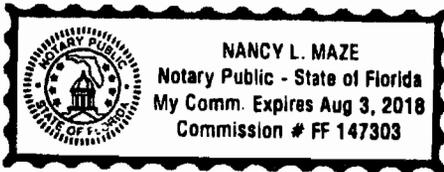
STATE OF FLORIDA
COUNTY OF BROWARD

The foregoing instrument was acknowledged before me this 2nd day of March, 2016 by Elizabeth Fujikawa, as Vice President, of Carollo Engineers Inc., on behalf of the corporation. He/she is personally known to me or has produced drivers license (type of identification) as identification.

NOTARY'S SEAL: NOTARY PUBLIC, STATE OF FLORIDA

Nancy L. Maze
(Name of Acknowledger Typed, Printed or Stamped)

147003
Commission Number



"CITY":

CITY OF POMPAÑO BEACH

Witnesses:

By:

LAMAR FISHER, MAYOR

By:

DENNIS W. BEACH, CITY MANAGER

Attest:

(SEAL)

ASCELETA HAMMOND
CITY CLERK

Approved As To Form:

MARK BERMAN
CITY ATTORNEY

STATE OF FLORIDA

COUNTY OF BROWARD

The foregoing instrument was acknowledged before me this _____ day of _____, 2016 by **LAMAR FISHER** as Mayor, **DENNIS W. BEACH** as City Manager and **ASCELETA HAMMOND** as City Clerk of the City of Pompano Beach, Florida, a municipal corporation, on behalf of the municipal corporation, who are personally known to me.

NOTARY'S SEAL:

NOTARY PUBLIC, STATE OF FLORIDA

(Name of Acknowledger Typed, Printed or Stamped)

Commission Number