



PUBLIC WORKS

ROUTING FORM FOR TASK ORDERS – CITY MANAGER’S APPROVAL

3 7/27/15

10-21-14
PUR-1
14-1066

Project/Contract Number: 12156 - Taskorder 5 CMO Log #: _____
 Document Title: NE 57th Street Small Water Main Improvements Attached: 3 original
 Department: Public Works – Engineering

Purpose: This Task Order is to provide services for this project that includes the replacement of a section of water main on NE 57th Street along with an asphalt overlay for the length of the pavement being disturbed. All service connections and meter boxes will be replaced to the property line on all new water main installations. A fire hydrant will also be designed at the beginning and end of the street to act as a manual blow off. The attached "Exhibit A" provides the project location. Approximately 1,850 linear feet of new water main to be installed by the City of Fort Lauderdale Public Works Department.

FUNDING INFORMATION

CIP Funded Project: Yes No
 Amount Required by Task Order: \$24,495.00
 Index/Sub Object Code: PBS 660101-3199
 Engineering Finance Approval Sign: [Signature] 7/7/15

7/13/15

Upon approval of the 9/11/2015 consolidated budget amendment transferring funds into this project, an ETV will be generated to change this appropriate cost to the project.

APPROVAL ROUTING – PUBLIC WORKS

	Approved	Disapproved	Comments
Jill Prizlee, P.E. – Project Manager II	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Jorge Holguin – Senior Project Manager	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pedram Zohrevand, Ph.D., P.E. – Assistant City Engineer	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Hardeep Anand, P.E. – Public Works Director	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

APPROVAL ROUTING – CITY FINANCE DEPARTMENT

	Approved	Disapproved	Comments
Kirk W. Buffington, C.P.M., Finance Director	<input type="checkbox"/>	<input type="checkbox"/>	

APPROVAL ROUTING – CITY ATTORNEY’S OFFICE

	Approved	Disapproved	Comments
City Attorney	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

APPROVAL ROUTING – CITY MANAGER’S OFFICE

	Approved	Disapproved	Comments
Lee R. Feldman, ICMA-CM, City Manager	<input type="checkbox"/>	<input type="checkbox"/>	

CITY CLERK’S OFFICE Upon approval by the City Manager, please route this form along with Task Order to PW- Engineering, **Kian Movafaghi** (Ext. 7818).

7/24

TASK ORDER NO. 5

Dated this 23rd day of July, 2015

CITY PROJECT #12156

CALVIN, GIORDANO & ASSOCIATES PROJECT #15-7694

FORT LAUDERDALE PUBLIC WORKS DEPARTMENT

NE 57TH STREET SMALL WATER MAIN IMPROVEMENTS

PROFESSIONAL SERVICES

This Task Order is pursuant to the Continuing Services Contract Agreement (No. 626-10881-3) Civil between the City of Fort Lauderdale, a Florida municipality, ("CITY") and Calvin, Giordano & Associates, Inc., ("CONSULTANT"), a Florida corporation, for Civil Engineering CONSULTANT Services in accordance with the terms of the agreement for professional services dated November 14, 2012 between CITY and CONSULTANT ("MASTER AGREEMENT") and extended by City Commission on October 21st, 2014.

PROJECT BACKGROUND

The water main location is on NE 57th Street, east of NE 27th Avenue. The section to be replaced extends from NE 27th Avenue east to the end of the cul-de-sac. Due to water quality concerns and the age of the existing water main, the City of Fort Lauderdale Staff has requested that this section of water main be replaced (approximately 1,850 linear feet of new water main).

PROJECT DESCRIPTION

CONSULTANT to provide services for this project that includes the replacement of a section of water main on NE 57th Street along with an asphalt overlay for the length of the pavement being disturbed. All service connections and meter boxes will be replaced to the property line on all new water main installations. A fire hydrant will also be designed at the beginning and end of the street to act as a manual blow off. The attached "Exhibit A" provides the project location. Approximately 1,850 linear feet of new water main to be installed by the City of Fort Lauderdale Public Works Department.

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SPECIFIC SCOPE OF SERVICES AND DELIVERABLES

This task order will include Professional Surveying and Engineering services required for the **NE 57th Street Water Main Replacement Project**.

The CONSULTANT is responsible for all work of their subconsultants/subcontractors to meet the deliverables included on this task order.

CONSULTANT shall provide the following services described on the tasks herein below:

Task 1 – 60% Preliminary Design Plans:

- CONSULTANT shall prepare a preliminary design for the water main layout and all appurtenances. At a minimum, this includes an 8-inch water main loop that will connect to an 8-inch valve at NE 27th Avenue. The design shall utilize the survey provided by the CITY.
- CONSULTANT shall coordinate with the CITY to perform an investigation of the subsurface utilities within the project area in locations determined to have a high probability of potential utility conflicts. These subsurface investigations are to be performed by the CITY or one of their subcontractors. The investigation shall include information on up to five (5) test holes in locations determined by the CONSULTANT to be necessary.
- CONSULTANT shall provide the CITY with the preliminary design plans for review prior to commencement of the next task. It is anticipated that a meeting will be held with the CITY within 5 working days of receiving the preliminary design plans for review of comments.
- The following meetings are included in this task:
 - One (1) project kick-off meeting with the CITY (to be held upon receipt of the executed proposal).
 - One (1) meeting with the CITY to review the preliminary design plans and calculations.

Deliverables: 60% Preliminary Design Plans

Not to Exceed: \$6,330.00

Task 2 – Permitting:

- CONSULTANT shall prepare applications and design data as required and apply for approvals from the Broward County Health Department. This task includes up to two (2) resubmissions of revised design information in response to requests for additional information. All permit application fees will be provided by the CITY upon written request from the CONSULTANT.

Deliverables: Permit Application Submittals Leading to Approved Permits

Not to Exceed: \$2,870.00

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Task 3 – 100% Final Design Plans:

- CONSULTANT shall incorporate into the design all revisions required by the governmental agencies in order to receive the permit approval as well as CITY staff comments.
- CONSULTANT shall prepare an Engineer's Opinion of Probable Cost for the final design. The Opinion of Probable Cost shall be a definitive ($\pm 5\%$) level cost estimate.
- CONSULTANT shall provide the CITY with the final design plans for review prior to commencement of the next task. It is anticipated that a meeting will be held with the CITY within 5 days of receiving the final design plans for review of comments.
- The following meetings are included in this task:
 - One (1) meeting with the CITY to review the final design plans and specifications.

Deliverables: 100% Final Design Plans and Engineer's Opinion of Probable Cost

Not to Exceed: \$7,020.00

Task 4 – Consulting Services During Construction:

The following scope is based on one (1) month of Construction / Contract Time and on total hours specified within. The scope of services to be provided is for Construction Observation (inspection and testing) services to include limited / periodic observation services for this project. Any additional time beyond this will require an approved agreement. The CITY shall furnish and assign a Construction Project Administrator and Project Inspector(s) to perform routine and periodic inspections during the course of the project construction activities.

- CONSULTANT shall not attend Construction Progress Meetings.
- Coordinate review and approval of shop drawings and other data which the CITY is required to submit for conformance with the design criteria.
- CONSULTANT shall perform observations and recordation of required pressure testing and connection to the existing water main.
- CONSULTANT shall attend and assist in performing inspections for Substantial and Final Completion to determine, in general, if the project has been completed in substantial conformance with the Construction Documents.
- CONSULTANT shall prepare and report observed or identified deficiencies, unsatisfactory work, or work which does not conform with the Contract Documents. Failed inspections shall be reimbursed by the CITY.
- CONSULTANT shall not be responsible for determination of quantities for payment application review / processing.
- CONSULTANT shall not be responsible for Maintenance of Traffic Plan review, or CITY's safety program / adherence.
- CONSULTANT shall not be responsible for project NPDES compliance.

- CONSULTANT shall respond to the CITY's Requests for Information (RFI) regarding design documents. Up to five (5) RFI responses are included in this task.
- Attend on-site meetings during construction. A total of two (2) meetings are included in this task. These meetings shall be requested and authorized by the CITY.

Deliverables: **Shop Drawing Review, RFI Responses**

Not to Exceed: **\$5,825.00**

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Task 5 – Project Closeout:

- CONSULTANT shall be Engineer-of-Record for this project.
- CONSULTANT shall coordinate and process closeout services for all relevant permitting agencies once satisfactory pressure testing, as-builts and bacteriological testing results have been provided by the CITY. Preparation of Survey as-builts shall be the responsibility of the CITY.

Deliverables: **Permit Close-Out Submittals**

Not to Exceed: **\$2,450.00**

The deliverables need to include DWG, PDF, WORD, EXCEL, MICROSOFT PROJECT or other relevant files in the original format as required by Contract Agreement Article 11. The drawings need to comply with CITY CAD Standards.

PROJECT ASSUMPTIONS

Specific assumptions for the project:

- CONSULTANT shall review all City, County, and State records, data and/or other documentation available to review land ownership, easements, or other restrictions that may affect the project.
- CONSULTANT shall prepare a design that complies with all applicable regulatory requirements.
- Front end and technical specifications booklet is not required for this project since the construction will be performed by the City of Fort Lauderdale Public Works Department.
- Bidding services are not included in this Task Order.

CITY'S RESPONSIBILITIES

- CITY shall provide existing survey data, project records, drawings, reports, studies, etc. in digital format. A signed and sealed hard copy Survey shall also be provided by the CITY to the CONSULTANT. Any additional hard copies as required by the governing or permitting agencies shall be the responsibility of the CITY.
- CITY shall provide standard details to incorporate into the construction plans.
- CITY shall provide the water, sewer and drainage as-builts and atlas information for this portion of the CITY's service area.

- The CITY's project manager, or a designated representative, will coordinate the project for the CITY.
- CITY shall review and provide comments on design deliverables within 5 working days.
- CITY Public Works Department will install the proposed improvements.
- CITY will perform all density test and required inspections for the trench and pavement restoration.
- CITY will provide the Maintenance of Traffic Plan for this project.

ADDITIONAL SERVICES

If authorized in writing by the CITY as an amendment to this Task Order, the CONSULTANT shall furnish, or obtain from others, Additional Services of the types as listed in the Master Agreement. The CITY, as indicated in the Master Agreement, will pay for these services.

The following services are NOT included in this proposal and will be considered Additional Services, which will be addressed in a separate contractual agreement. The services include but are not limited to:

- Architectural, structural (i.e. retaining walls, bridges, docks), mechanical (i.e. fire pumps), fire protection, geotechnical and testing, environmental assessment, power, gas, telephone, cable television, site lighting services.
- Calculations of off-site flood stages.
- Off-site engineering and negotiations for off-site easements, if required (other than as specified in the Scope of Services).
- Professional land surveying.
- Professional services required due to conditions different from those itemized under the Scope of Services or due to events beyond the control of Calvin, Giordano & Associates, Inc.
- Professional services required, due to changes in the site plan initiated by the CITY, their representatives or other CONSULTANTS (e.g. architects, landscape architects, etc.) after either design or preparation of the construction drawings has commenced.

PERFORMANCE SCHEDULE

CONSULTANT shall commence services immediately after the written Notice to Proceed. A project schedule will be provided by the CITY.

CONSULTANT shall prepare and provide a schedule in Microsoft Project format for all deliverables and milestones.

PROJECT FUNDING

Performance of this project is at the CITY's discretion and may be contingent upon the CITY receiving funding and work shall not begin until the CITY notifies the CONSULTANT that funding sources for this project are in place.

METHOD OF COMPENSATION

The services performed will be accomplished using the Not to Exceed method of compensation. The total hourly rates payable by the CITY for each of CONSULTANT's employee categories, reimbursable expenses, if any, and sub-consultant fees, if any, are shown on "Exhibit B" attached hereto and made a part hereof.

CITY CONTACTS

Requests for payments should be directed to City of Fort Lauderdale Accounts Payable via e-mail to AcctsPayable@FortLauderdale.gov. All other correspondence and submittals should be directed to the attention of Jill Prizlee, P.E., Project Manager II, at the address shown below. **Please be sure that all correspondence refers to the City project number and title as stated above.**

Jill Prizlee, P.E.
Project Manager II
City of Fort Lauderdale
City Hall, 4th Floor Utilities Engineering
100 North Andrews Avenue
Fort Lauderdale, FL 33301
954-828-5962
jprizlee@fortlauderdale.gov

CONSULTANT CONTACTS

Calvin, Giordano & Associates, Inc.
Robert McSweeney, P.E.
Senior Project Manager
1800 Eller Drive, Suite 600
Fort Lauderdale, FL 33316
Phone: 954-921-7781
Email: bmcsweeney@cgasolutions.com

Calvin, Giordano & Associates, Inc.
David Stambaugh, P.E.
Senior Project Manager
1800 Eller Drive, Suite 600
Fort Lauderdale, FL 33316
Phone: 954-921-7781
Email: dstambaugh@cgasolutions.com

Calvin, Giordano & Associates, Inc.
Nicholas Kanelidis, P.E.
Project Engineer
1800 Eller Drive, Suite 600
Fort Lauderdale, FL 33316
Phone: 954-921-7781
Email: nkanelidis@cgasolutions.com

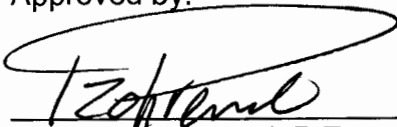
DEPARTMENT SIGNATURES

Approved by:



Jill Prizlee, P.E. 6/23/15
Project Manager II Date:

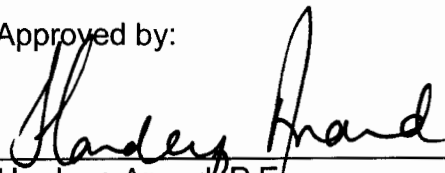
Approved by:



Pedram Zohrevand, P.E. 6/23/15
Assistant City Engineer Date:

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Approved by:



Hardeep Anand, P.E. 6/23/15
Public Works Director Date:

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CLOSURE

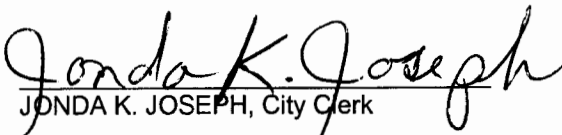
IN WITNESS OF THE FOREGOING, the parties have set their hands and seals the day and year first above written.

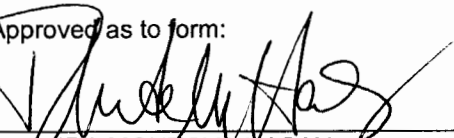
CITY OF FORT LAUDERDALE, a municipal corporation of the State of Florida:

By 
LEE R. FELDMAN, City Manager

(CORPORATE SEAL)

ATTEST:


JONDA K. JOSEPH, City Clerk

Approved as to form:

RHONDA MONTOYA HASAN
Assistant City Attorney

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CONSULTANT

WITNESSES:

Sheila Jackson

Sheila Jackson
Print Name

Elizabeth Prat

Elizabeth Prat
Print Name

CALVIN, GIORDANO & ASSOCIATES, INC.

By: [Signature]
Name: DENNIS GIORDANO
Title: PRESIDENT

(CORPORATE SEAL)

ATTEST:

By: [Signature]
Name: DAWN HOPKINS
Title: SECRETARY

STATE OF Florida
COUNTY OF Broward

The foregoing instrument was acknowledged before me this 23 day of June, 2015,
by Dennis Giordano President of Atkins North America, Inc. a Florida corporation,
who is personally known to me or has produced Calvin, Giordano as identification.
& Associates, Inc.

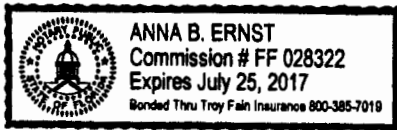
(SEAL)

[Signature]
Notary Public, Stat of Florida
(Signature of Notary taking Acknowledgement)

Anna B Ernst
Name of Notary Typed, Printed or Stamped

7/25/2017
My Commission Expires

FF028322
CommissionNo.



2 JUN 15 11:24 AM

EXHIBITS

15 JUN 15 11:25AM

Exhibit A Location Map

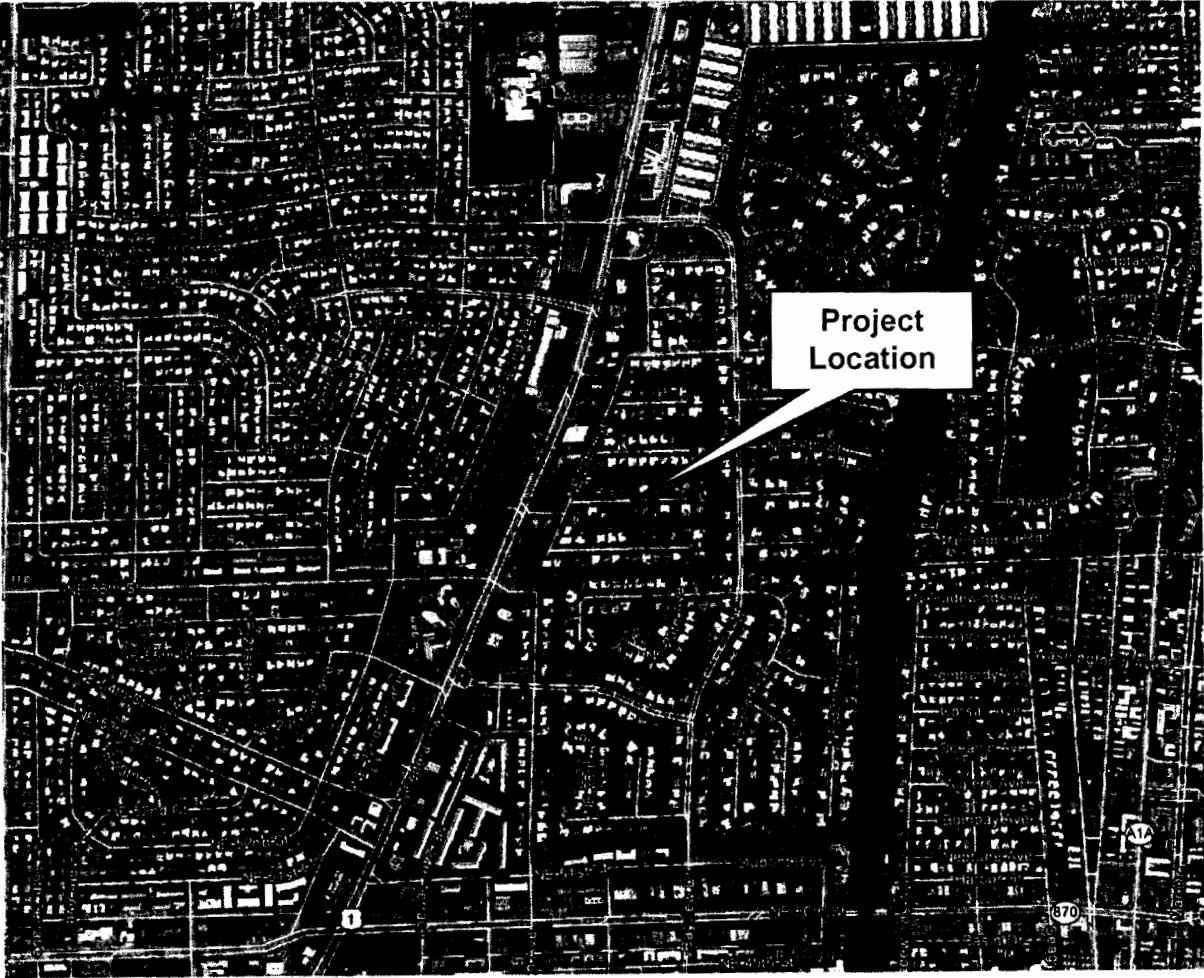


Exhibit B

"SEE ATTACHED"

EXHIBIT B

Labor Category		Engineering										Construction Administration						Survey						Sub-Consultants	Total Hours (CGA)	Labor Cost	
		Associate (IV)		Director (V)		Project Manager (IV)		Project Engineer (III)		Senior CADD Tech Manager		Construction Manager		Senior Inspector		Construction Coordinator		3 Person Survey Crew		Registered Surveyor		CADD Technician		Subsurface Utility Locates			
Percent Utilization (rounded)		0.0%		0.0%		35.5%		50.5%		14.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%		0.0%			
Labor Rate (hourly)		\$176		\$165		\$145		\$125		\$90		\$100		\$90		\$60		\$130		\$130		\$65		LUMP SUM			
Task Number	Task Title	Hours	Sub-total (\$)	Hours	Sub-total (\$)	Hours	Sub-total (\$)	Hours	Sub-total (\$)	Hours	Sub-total (\$)	Hours	Sub-total (\$)	Hours	Sub-total (\$)	Hours	Sub-total (\$)	Hours	Sub-total (\$)	Hours	Sub-total (\$)	Hours	Sub-total (\$)	Subtotal (\$)			
1	Preliminary Design	0	0	0	0	12	1,740	18	2,250	26	2,340	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	\$6,330
2	Permitting	0	0	0	0	6	870	16	2,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	\$2,870
3	Final Design	0	0	0	0	22	3,190	22	2,750	12	1,080	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	\$7,020
4	Consulting Services During Construction	0	0	0	0	10	1,450	35	4,375	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	\$5,825
5	Project Closeout	0	0	0	0	10	1,450	8	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	\$2,450
TOTAL		0	0	0	0	60	8,700	99	12,375	38	3,420	0	0	0	0	0	0	0	0	0	0	0	0	0	0	197	\$24,495

ID	Task Name	Duration	Start	Finish	2015																				
					June		July			August			September												
					7	14	21	28	5	12	19	26	2	9	16	23	30	6	13	20	27	4			
1	Fort Lauderdale NE 57th Street Water Main Replacement	71 days	Tue 6/23/15	Tue 9/29/15																					
2	Notice to Proceed	1 day	Tue 6/23/15	Tue 6/23/15																					
3	Task 1: Preliminary Design	17 days	Wed 6/24/15	Thu 7/16/15																					
4	Subsurface Utility Exploration	5 days	Wed 6/24/15	Tue 6/30/15																					
5	Preliminary Design	10 days	Wed 6/24/15	Tue 7/7/15																					
6	Receive City Comments & Make Revisions	1 day	Thu 7/16/15	Thu 7/16/15																					
7	Task 2: Permitting	14 days	Fri 7/17/15	Wed 8/5/15																					
8	Health Department	14 days	Fri 7/17/15	Wed 8/5/15																					
9	Task 3: Final Design	3 days	Thu 8/6/15	Mon 8/10/15																					
10	Incorporate Agency and City Comments	3 days	Thu 8/6/15	Mon 8/10/15																					
11	Receive City Comments & Make Revisions	1 day	Thu 8/6/15	Thu 8/6/15																					
12	Task 4: Consulting Services During Construction	21 days	Tue 8/18/15	Tue 9/15/15																					
13	Task 5: Project Closeout	10 days	Wed 9/16/15	Tue 9/29/15																					

City of Fort Lauderdale
Project 12156

Task		Manual Task	
Split		Duration-only	
Milestone		Manual Summary Rollup	
Summary		Manual Summary	
Project Summary		Start-only	
External Tasks		Finish-only	
External Milestone		Deadline	
Inactive Task		Progress	
Inactive Milestone		Manual Progress	
Inactive Summary			