

TASK ORDER NO. 36

Dated this _____ day of _____, 2017

**FORT LAUDERDALE PUBLIC WORKS DEPARTMENT
GEORGE T. LOHMEYER WASTEWATER TREATMENT PLANT REHABILITATION OF
PRESTRESSED CONCRETE CYLINDER PIPE – CONSTRUCTION SERVICES FOR
SEQUENCE A
CITY PROJECT #11773**

PROFESSIONAL SERVICES

This Task Order between the City of Fort Lauderdale, a Florida municipal corporation ("CITY") and CDM Smith Inc., a Massachusetts corporation authorized to transact business in Florida, formerly known as Camp Dresser & McKee Inc. ("CONSULTANT"), is pursuant to the General Wastewater Consultant Professional Architectural Engineering Services agreement dated May 3, 2011 and expiring on May 2, 2018 ("MASTER AGREEMENT").

PROJECT BACKGROUND

GTL has previously experienced several large-diameter process pipe failures, which have been provided with temporary, above ground repairs/bypasses. This project will replace the PCCP conveying pretreated raw sewage from the pretreatment building to the inlet box at reactor number two and the PCCP conveying clarifier influent wastewater from the outlet box of reactor number one to the clarifier splitter box at battery number three. There is approximately 1,245 linear feet of 42-inch and 48-inch diameter PCCP to be removed and/or replaced with ductile iron pipe (DIP). 435 linear feet of PCCP will be removed and the remaining length will be removed and replaced with approximately 410 linear feet of new DIP, while the remaining 400 linear feet of replacement will result from the disassembling an existing, temporary above ground 48-inch DIP, and re-installing it in the ground. The work described above is covered under Work Sequence A of the construction documents. This task order will provide engineering services during the construction of Work Sequence A.

The purpose of this task order will be to provide engineering services during construction to replace the process pipe lines critical to the treatment of wastewater between the pretreatment building and one of the bioreactors.

GENERAL REQUIREMENTS

Quality Control

The CONSULTANT is responsible for the quality control (QC) of their work and of its sub-consultants. The CONSULTANT shall provide to the City the list of sub-consultants that shall be used for this project. This list shall not be changed without prior approval of the CITY. All

sub-consultant documents and submittals shall be submitted directly to the CONSULTANT for their independent QC review. The City shall only accept submittals for review and action from the CONSULTANT.

The CONSULTANT shall be responsible for the professional quality, technical accuracy, and coordination of all pre-design services, designs, drawings, specifications, and other services furnished by the CONSULTANT and their sub-consultant(s). It is the CONSULTANT's responsibility to independently and continually QC their plans, specifications, reports, electronic files, progress payment applications, schedules, and all project deliverables required by this task order. The CONSULTANT shall provide the CITY with a marked up set of plans and/or specifications showing the CONSULTANT's QC review. Such mark-ups shall accompany the CONSULTANT's scheduled deliverables. The submittal shall include the names of the CONSULTANT's staff that performed the QC review for each component (structures, roadway, drainage, etc.).

Project Schedule

The CONSULTANT shall submit a preliminary project schedule as an exhibit of this task order. The schedule shall be prepared in Microsoft Project, and shall utilize an estimated Notice-to-Proceed (NTP), based on best available information.

The CONSULTANT shall submit a final project schedule to the CITY, for approval, within 10 business days after receiving the NTP and prior to beginning work. No work shall commence without an approved schedule. The final schedule shall include design, permitting activities, submittal review timeframes, and other project activities as required to complete the work. The CONSULTANT shall submit updated project schedules as required in the specific scope of services.

SCOPE OF SERVICES AND DELIVERABLE

Task 1.0 - Construction Services

The CONSULTANT shall provide construction engineering services during construction of the project by the City's general contractor. All communication/submittals will be directed through the City's Construction Manager. CONSULTANT services shall include the following:

- a. Sign & seal contract documents to submit to City's building department.
- b. Respond to comments from the City's building department and revise contract documents as necessary in order to obtain a building permit.
- c. Attend contractor's progress meetings with the City when requested by City's Construction Manager;
- d. Respond to requests for information (RFI's) from the contractor when requested by City's Construction Manager;

- e. Review shop drawings, samples and submittals from contractor for compliance with contract documents and provide action required when requested by City's Construction Manager;
- f. Review the contractor's change order requests and make recommendations to the City for approval or revisions required;
- g. Review contractor's construction schedule and provide recommendations to the City;
- h. Review contractor's requests for payments and conduct periodic observations of construction progress and review City inspection reports for general conformance with contract documents and provide recommendations to the City. At the request of the City's Construction Manager, the periodic observations will be conducted on a monthly basis for the duration of the project; and
- i. Attend on-site substantial completion walk through and assist in punch list preparation at substantial completion of the project

Deliverables: The following deliverables shall be provided under Task 1.0:

- RFI responses
- Written responses for RFI's from the contractor
- Written approval/rejection of shop drawings
- Written recommendations from review of contractor's change order requests
- Written recommendations from review of contractor's construction schedule
- Written recommendations from review of contractor's payment requests
- Written input on punch list preparation

Not-to-Exceed: \$71,660

Task 1.0 is estimated at 542 hours and a Not to Exceed amount of \$71,660.

DATA OR ASSISTANCE TO BE PROVIDED BY THE CITY

- 1. Prepare notice of award;
- 2. Reproduce and distribute the contract documents to the consultant and contractor for execution;
- 3. Prepare notice to proceed for the contractor;
- 4. Accounts Payable contractor's pay applications;
- 5. Commission approve change order requests;
- 6. Provide a full-time inspector for the project during pot hole, joint inspection, discovering unknowns to avoid repair cost to the city, and testing.
- 7. Provide day to day construction administration.

PERFORMANCE SCHEDULE

The CONSULTANT shall commence services immediately after the written Notice to Proceed. A project schedule will be provided by the CONSULTANT showing the anticipated durations of each task. Construction support services are budgeted for 14 months in duration or earlier if the project has reached substantial completion, but this duration is not in the Consultants control as it is dependent on the contractor's schedule. The time of completion of this Task Order may be extended through the City's Contract Administrator.

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 A** attached hereto and made a part hereof. Pay application requests shall be prepared on the CITY's approved pay application request form. The CONSULTANT shall submit the pay application request to the CITY's Project Manager for review and approval. Once the CITY's Project Manager approves the CONSULTANT's pay application request, the CONSULTANT may submit it to the CITY's accounts payable department via email (AcctsPayable@fortlauderdale.gov). Pay application requests shall be submitted monthly.

TERMS OF COMPENSATION

Services will be provided for the following Not-to-Exceed amounts:

Task No.	Task Title	Labor Fees
1.0	Construction Services	\$71,660.00
	Task No. 36 Total NTE	\$71,660.00

CITY CONTACTS

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

Daniel Lizarazo, P.E.

Project Manager II
Public Works
City of Fort Lauderdale
City Hall, 4th Floor Engineering
100 North Andrews Avenue
Fort Lauderdale, FL 33301
(954) 828-6982
dlizarazo@fortlauderdale.gov

Jorge Holguin

Senior Project Manager
Public Works
City of Fort Lauderdale
City Hall, 4th Floor Engineering
100 N. Andrews Ave.
Fort Lauderdale, FL 33301
(954) 828-5675
jholguin@fortlauderdale.gov

CONSULTANT CONTACTS

Timothy J. O'Neil, P.E., BCEE

621 NW 53rd Street, Suite 265
Boca Raton, FL 33487
Oneiltj@cdmsmith.com
(954) 319-3076

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

CITY

ATTEST:

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

JEFFREY A. MODARELLI
City Clerk

LEE R. FELDMAN, City Manager

(SEAL)

Approved as to form:

RHONDA MONTOYA HASAN
Assistant City Attorney

CONSULTANT

WITNESSES:

CDM SMITH INC., a Massachusetts
corporation authorized to transact business
in Florida

[Witness print/type name]

Print Name as
☐ CEO ☐ President ☐ Vice President

[Witness print/type name]

(CORPORATE SEAL)

ATTEST:

By: _____

Name: _____

Title: _____

STATE OF FLORIDA:

COUNTY OF _____:

The foregoing instrument was acknowledged before me this ____ day of _____,
2017, by _____ as _____ of CDM Smith Inc., a
Massachusetts corporation authorized to transact business in Florida, who is ☐ personally
known to me or ☐ has produced _____ as identification.

(SEAL)

Notary Public, State of Florida
(Signature of Notary Taking Acknowledgment)

Name of Notary Typed, Printed or Stamped

Exhibit A
Fee Schedule

GEORGE T. LOHMEYER WASTEWATER TREATMENT PLANT REHABILITATION OF
 PRESTRESSED CONCRETE CYLINDER PIPE – CONSTRUCTION SERVICES FOR SEQUENCE A
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Sabo
 Chandler
 Ubert
 Gacharich
 Chinnery
 P. Kalaria
 Cairo
 Lakner
 Nunes
 Monroe
 Thomas
 Sturtz
 Goldman
 Pujals
 O'Neil

Wednesday, March 15, 2017





TASK AND DESCRIPTION	Principal/ Associate	Professional II	Professional I	Senior Support Services	Project Administration	Senior QC Officer	TOTAL HOURS	LABOR COSTS
Other labor categories and hours may be applicable to the services as allowable in the Master Agreement. Anticipated staff names are listed above the column hours and are subject to change based upon work loads, other assignments, and availability.								
Estimated Hours	95	381	13	2	32	19	542	\$71,660
Task 1.0 Construction Services							0	\$0
a. Sign & seal contract documents to submit to City's building department.	11	10		2	5	3	31	\$4,350
b. Respond to comments from the City's building department and revise contract documents as necessary in order to obtain a building permit	10	70			3	4	87	\$11,545
c. Attend contractor's progress meetings with the City, when requested by City's Construction Manager	22	45			4		71	\$9,625
d. Respond to requests for information (RFI's) from the contractor, when requested by City's Construction Manager	5	19			4		28	\$3,485
e. Review shop drawings, samples and submittals from contractor for compliance with contract documents and provide action required, when requested by City's Construction Manager	16	55	13			12	96	\$13,595
f. Review the contractor's change order requests and make recommendations to the City for approval or revisions required	9	40			4		53	\$6,790
g. Review contractor's construction schedule and provide recommendations to the City	10				4		14	\$1,960
h. Review contractor's requests for payments and conduct periodic observations of construction progress and review City inspection reports for general conformance with contract documents and provide recommendations to the City. At the request of the City's Construction Manager, the periodic observations will be conducted on a monthly basis for the duration of the project	8	110			4		122	\$15,370
i. Attend on-site substantial completion walk through and assist in punch list preparation at substantial completion of the project	4	32			4		40	\$4,940
Estimated Hours	95	381	13	2	32	19	542	71,660
Labor Rates	\$170.00	\$125.00	\$100.00	\$115.00	\$65.00	\$225.00		

CDM Smith Estimated Hours 542
 CDM Smith Estimated Hourly Costs \$ 71,660


















Estimated Consulting Services \$ 71,660 Not To Exceed

Exhibit B

Project Schedule

ID		Task Mode	Task Name	Duration	Start	Finish	2017	Qtr 2, 2017	Qtr 3, 2017	Qtr 4, 2017	Qtr 1, 2018	Qtr 2, 2018	Qtr 3, 2018	Qtr 4, 2018		
							Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1			Construction Services for Sequence A	425 days	Thu 4/20/17	Wed 12/5/18										



Project: Project1 Date: Fri 3/3/17	Task		Inactive Summary		External Tasks	
	Split		Manual Task		External Milestone	
	Milestone		Duration-only		Deadline	
	Summary		Manual Summary Rollup		Progress	
	Project Summary		Manual Summary		Manual Progress	
	Inactive Task		Start-only			
	Inactive Milestone		Finish-only	