

Task Order No. 11

Dated this ____ day of _____, 2014

CITY PROJECT

FORT LAUDERDALE PUBLIC WORKS DEPARTMENT

G.T. LOHMEYER WWTP RENEWAL AND REPLACEMENT REPORT UPDATE

On May 3, 2011, the City of Fort Lauderdale (City) Commission authorized a Continuing Services Agreement with CDM Smith Inc. formerly known as Camp Dresser & McKee Inc. (Consultant), for the General Wastewater Consulting Professional Architectural – Engineering Service (RFQ No. 606-10482) associated with the City’s wastewater and storm systems (“Master Agreement”) as amended and approved by City Commission on May 1, 2012. This task order is being performed under the terms and conditions of the Amended Master Agreement.

PROJECT BACKGROUND

The City of Fort Lauderdale’s contract with the large users of the Central Regional Wastewater System includes the requirement for the City’s wastewater consulting engineer to prepare an annual schedule that projects facility renewal and replacement costs over a 20 year span. This analysis estimates the amount of funding to be set aside by the City for anticipated renewal and replacement expenditure for the Central Regional Wastewater Treatment Facilities.

Under the Broward County Wastewater Facility Plan, developed in March 1978, in accordance with PL 92-500, the City was designated as the lead agent in the Central Wastewater Region to provide wastewater collection and treatment services. The Central Region includes the cities of Fort Lauderdale, Oakland Park and Wilton Manors; the Port Everglades Authority; and portions of Tamarac and the Town of Davie. Participating municipalities and entities own and operate their own wastewater collection systems consisting of gravity sewers, lift stations, and forcemains. The regional facilities, including the George T. Lohmeyer Regional Wastewater Treatment Plant, Repump Station B, and forcemains connecting the Repump Station to the plant, are owned by the City and are designated to intercept wastewater at the point of connection and then transport, treat and dispose of all wastewater collected within the Central Region.

The Agreements with the original Large Users of the Central Regional Wastewater System were signed in 1982; however, the “regional system” was not in full operation until G.T. Lohmeyer Wastewater Treatment Plant expanded to 38 million gallons per day in fiscal year 1984-85. The assumption was made that the end of the first 20-year contract period was fiscal year 2001-02, based on the understanding that the City began serving the large users in fiscal year 1982-83 and that the original Renewal and Replacement Fund Analysis (Hazen and Sawyer, 1983) assumed a 20-

year period beginning in 1982.

Agreements between the City and the large users were amended in 2001. The current large users of the Central Regional Wastewater System are the cities of Oakland Park and Wilton Manors; portions of Tamarac and the Town of Davie; and Broward County's Port Everglades Authority. The amended agreements terminate on December 31, 2021. In accordance with Subsection C of Appendix A of the 2001 Large User Agreement Amendment, the replacement cost expenditures may include the following:

- Improvements with expected useful lives of greater or less than 20 years;
- Improvements which expand system capacity;
- Modifications or additions needed to accommodate new improvements which expand system capacity;
- Modifications or additions needed to meet new regulatory requirements; and
- Modifications or additions needed to implement operational changes provided the estimated costs of each planned improvement does not exceed \$2 million and it is determined to be in the best interest of the Regional System to fund these improvements from the Renewal and Replacement account.

The collected replacement costs will be deposited into the Replacement and Improvements Reserve Account, as the City has no current Renewal and Replacement Account, and replacement expenditures will be made directly from the account. This portion of the large user's rate will be calculated annually using the following formula:

$$C = \frac{E - R}{Y}$$

Where:

C = the amount of replacement costs to be collected within the year;

E = the expected replacement costs for the subsequent 20-year period as shown by the Consulting engineer's updated schedule;

R = the balance in the Replacement and Improvements Reserve Account; and

Y = 20 years or the number of years remaining in the expected life of the Regional Treatment Facilities, whichever is less.

In addition to this annual report, the City contracted Burton and Associates in 2011 to perform a cost of services analysis on the Central Regional Wastewater System, which affects large user rates.

SCOPE OF SERVICES AND DELIVERABLE

Task 1.0 – Preparation of Renewal and Replacement Report Update

The Consultant services shall include developing the 2013 Renewal and Replacement Report Update. Consultant services shall include providing the following activities:

- Interview the operation staff at the wastewater plant and re-pump station;
- Conduct equipment inspections at the wastewater plant and re-pump station;
- Create the draft annual report with updated pictures, section, figure, and exhibits from last year's report based on above interviews and above equipment inspections;
- Provide internal quality technical review of the draft annual report;
- Distribute draft annual report for City review and comments;
- Finalize the annual report with the inclusion of the City comments from draft review; and
- Attend up to four (4) large user meetings and be prepared to answer questions from attendees.

Deliverable (via FTP or email site):

- Draft Renewal and Replacement Report Update for City staff review and comments within four (4) weeks of written Notice to Proceed and purchase order issuance.
- Final Renewal and Replacement Report Update within two (2) weeks after receipt of draft review comments from the City and submit a copy to the City.
- Final Report in PDF format via safe FTP site and also printed-out and comb-bound five (5) sets.

Task 1.0 is estimated at 163 hours and a Not to Exceed amount of \$21,365.

DATA OR ASSISTANCE TO BE PROVIDED BY THE CITY

1. Provide access to the wastewater plant and re-pump station B.
2. Make available Operations staff for the interviews.
3. Provide the estimated Replacement Fund Balance for fiscal year 2013-2014.
4. Review the draft Renewal and Replacement Report Update and provide comments within two (2) weeks.
5. Print the final Renewal and Replacement Report Update.

PERFORMANCE SCHEDULE

The Consultant shall prepare and submit a draft report within four (4) weeks from receiving a written Notice to Proceed (NTP) and purchase order issuance. The final report shall be submitted to the City within one (1) week from receiving the City’s draft comments. The time of completion of this Task Order may be extended through the City’s Contract Administrator.

METHOD OF COMPENSATIONS AND PAYMENT

The services performed shall be accomplished the Not to Exceed method of compensation. The Total Not to Exceed (NTE) amount for this Task Order No. 11 will be \$21,365. Invoicing for the services shall be monthly based on services performed and cost incurred. A status report will accompany each progress invoice. A detailed hourly and fee schedule cost breakdown per Master Agreement negotiated fees and labor categories is included in Exhibit A.

TERMS OF COMPENSATION

Task No.	Task Title	Labor Fees
1.0	Preparation of Renewal and Replacement Report Update	\$21,365
	Task No. 1 Total NTE	\$21,365

The total number of hours and fees for this Task Order are 163 and \$21,365.

CITY CONTACTS

Request for payments should be directed to City of Fort Lauderdale Accounts Payable via email to AcctsPayable@fortlauderdale.gov. All other correspondence and submittals should be directed to the attention of Jorge Holguin at the address below. Please be sure that all correspondence refers to the City project number and title as stated herein.

City of Fort Lauderdale
City Hall, 4th Floor
100 North Andrews Avenue
Fort Lauderdale, FL 33301

CONSULTANT CONTACTS

Timothy J. O’Neil, P.E., BCEE
6365 N.W. 6th Way, Suite 200
Fort Lauderdale, FL 33309
Oneiltj@cdmsmith.com
(954) 775-1731
(954) 928-1649



CONSULTANT

WITNESSES

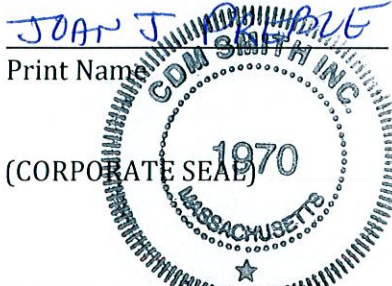
CDM Smith Inc.

RBJ
Signature
Ruth Barney
Print Name

By: Kevin C. Leo
Name: Kevin C. Leo
Title: Associate

Joan J. Pube
Signature
JOAN J. PUBE
Print Name

ATTEST:
By: Mario J. Marcaccio
Name: MARIO J. MARCACCIO
Title: ASSISTANT CLERK

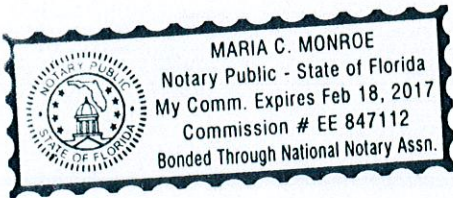


STATE OF FLORIDA
COUNTY OF BROWARD:

Kevin C. Leo, as Associate and Mario Marcaccio, as Assistant Secretary, respectively, of CDM Smith Inc. acknowledged the foregoing instrument before me this 18 day of March, 2014, on behalf of the corporation. They are personally known to me and did not take an oath.

(SEAL)

Maria C. Monroe
Notary Public, State of Florida
(Signature of Notary taking Acknowledgement)



Maria C. Monroe
Name of Notary Typed, Printed or Stamped
2/18/17
My Commission Expires
EE 847112
Commission No.

IN WITNESS WHEREOF, the parties execute this Task Order as follows:

WITNESSES:

Print Name

Print Name

CITY OF FORT LAUDERDALE, a Florida municipality:

By _____
LEE R. FELDMAN, City Manager

ATTEST:

Jonda K. Joseph, City Clerk

Approved as to form:

Senior Assistant City Attorney

City of Fort Lauderdale
LEVEL OF EFFORT ESTIMATING TOOL
Consulting Services
Renewal and Replacement Report Update
Task Order No. 11

11-Apr-14

Frank Bellissim Burney
 Chinnery
 Nunes
 Monroe Thomas
 Goldman O'Neil

TASK AND DESCRIPTION	Senior Professional	Professional II	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.							
Task 1.0 Preparation of Renewal and Replacement Report Update	48	92	1	15	7	163	\$21,365
Estimated Hours	48	92	1	15	7	163	21,365
<i>Labor Rates</i>	<i>\$150.00</i>	<i>\$125.00</i>	<i>\$115.00</i>	<i>\$65.00</i>	<i>\$225.00</i>		

CDM Smith Estimated Hours 163
 CDM Smith Estimated Hourly Costs \$ 21,365

Estimated Consulting Services \$ 21,365 Not to Exceed