

TASK ORDER No. 19

Dated the _____ day of _____ 2012

CITY PROJECT No. 11842

CITY OF FORT LAUDERDALE EDGEWOOD NEIGHBORHOOD STORMWATER SYSTEM IMPROVEMENTS PHASE I - PRELIMINARY DATA INVESTIGATIONS STUDY

On May 3, 2011 the City Commission authorized a Continuing Services Agreement with CDM Smith Inc. for the General Wastewater Consulting Professional Architectural - Engineering Services (RFQ No. 606-10482) associated with the City's wastewater and stormwater 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.

BACKGROUND

The City manages a stormwater infrastructure service area that covers approximately 23,000 acres. The total combined Edgewood hydrologic project area covers approximately 675 acres and is bounded to the north by SR 84, to the east by the SW 1st Terrace, to the west by Interstate 95, and to the south by SW 34th Street. The land use within the project area is primarily comprised by light industrial and commercial and high density residential distributed throughout the model area, and open land/vacant lots. The area is relatively built out, has low-lying topography, exhibits limited soil storage, contains high amounts of impervious area, and has limited available flood plain storage, all contributing to frequent flooding in the neighborhood.

The purpose of this Phase I task order is to perform preliminary investigations and analyses of the study area to determine the location, type, and quantity of geotechnical and hydrogeological investigations to be implemented in subsequent Phase II which will determine the feasibility of stormwater management via recharge wells and exfiltration trenches in the neighborhood.

SCOPE OF SERVICES

A combined kickoff meeting with Task Order 13 (Progresso, Durrs, Dorsey Stormwater System Improvements Phase I Preliminary Data Investigations) shall be attended and meeting minutes shall be produced.

The Consultant shall review and analyze available digitally published information on the geotechnical subsurface conditions in the project area from Broward County DERD, USGS, SFWMD, and FDEP to define known geotechnical data to be used in Phase II.

The Consultant shall perform calculations and site visits to the project area to identify the locations for testing and develop a testing plan and the data collection protocols.

The Consultant shall produce a proposed project schedule and develop a work plan sequence for the geotechnical and hydrogeologic testing.

The Consultant shall work with appropriate City staff to determine and identify the potential land areas available for future stormwater management.

The Consultant shall develop a brief Technical Memorandum summarizing the data gathered, proposed schedule, and testing plan and present the findings to the City in a meeting.

Project Management and Quality Control

Project management and quality management shall run concurrent to the project execution.

DATA OR ASSISTANCE TO BE PROVIDED BY THE CITY

- a. Updated flooding map complaint data from October 2011 storm.
- b. Meeting attendance.
- c. Available survey, geotechnical data, land availability guidance, and easements. Additional required survey spot elevations shall be performed by the City during the project as necessary.
- d. Existing record drawings for water, wastewater, and stormwater facilities to be impacted in the project area, as well as atlas, zoning, roadway, and special right-of-way information, parcel information as needed in GIS or CAD format.
- e. Assistance with neighborhood public awareness, field verification of existing structures as requested and escort of the Consultant or sub-consultants within project site and on private property as required.
- f. Timely reviews of submittals.

DELIVERABLES

The deliverables for this Task Order shall be the electronic transmittal in pdf format of the kickoff and final meeting minutes, and the Technical Memorandum containing the data, testing plan, schedule, and a figure of land areas for future stormwater management.

TIME OF COMPLETION

Scope of Services shall be completed within 6 weeks from the notice to proceed and signed purchase order.

PAYMENT AND COMPENSATION

Invoicing for the services shall be monthly based on services performed and cost incurred. A status report shall accompany each progress invoicing. A breakdown of the labor estimate is provided in Attachment 1.

<u>Description</u>	<u>Amount</u>
Task Order No. 19 Total (Not to Exceed)	\$ 16,110

CONSULTANT SERVICES

<u>Labor Category (Hourly Rate)</u>	<u>Hours</u>
Officer (\$190)	5
Senior Quality Officer (\$225)	0
Senior Quality Manager (\$205)	5
Principal/Associate (\$170)	34
Senior Professional (\$150)	10
Professional II (\$125)	18
Professional I (\$100)	24
Senior Support Services (\$115)	9
Staff Support Services (\$75)	13
<u>Project Administration (\$65)</u>	<u>3</u>
Total Estimated Hours	121
*Total Estimated Labor Cost (Not To Exceed)	\$ 16,110

CONSULTANT:

Witnesses:

[Signature]
Signature

Allyson NARES
Printed Name

[Signature]
Signature

Jennifer Leone
Printed Name

CDM Smith Inc.
By: [Signature]
Title: Associate

ATTEST:

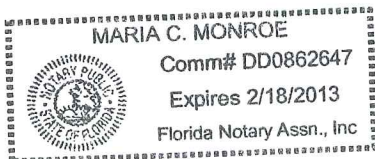
By: Mario J. Marcaccio
Title: Assistant Secretary



STATE OF FLORIDA:
COUNTY OF BROWARD:

BEFORE ME, an officer duly authorized by law to administer oaths and take acknowledgments, on the 31st day of October, 2012 personally appeared Jonathan Z. Goldman P.E., BCEE as Associate, and Mario Marcaccio, as Assistant Secretary of CDM Smith, a Massachusetts corporation, authorized to do business in the State of Florida, and acknowledged they executed the foregoing Agreement as the proper officials of CDM Smith Inc., for the use and purposes mentioned in it and they affixed the official seal of the legal entity, and that the instrument is the act and deed of that entity.

(SEAL)



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

Maria C. Monroe
Name of Notary Typed, Printed or Stamped
My Commission Expires: February 18, 2013
Commission Number: DD0862647

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

CITY:

WITNESSES:

CITY OF FORT LAUDERDALE

Witness Print Name

Witness Print Name

By _____
LEE R. FELDMAN, City Manager

(CORPORATE SEAL)

ATTEST:

JONDA K. JOSEPH, City Clerk

Approved as to form:

CARRIE L. SARVER, Assistant City Attorney

ATTACHMENT 1

City of Fort Lauderdale
Edgewood Stormwater Improvements Phase I Preliminary Data Study
Project Budget Estimate

29-Oct-12

Task Description	OFFICER	SENIOR QUAL OFFICER	SENIOR QUALITY MGR	PRINCIPAL/ ASSOCIATE	SENIOR PROF	PROF II	PROF I	SENIOR SUPPORT	STAFF SUPPORT	PROJECT ADMIN	Total Hours	Labor Costs
Phase I Preliminary Data	1	0	0	1	0	1	1	0	1	0	5	\$660
- Combined Kickoff Meeting	0	0	0	16	0	0	4	0	0	0	20	\$3,120
- Geotech and Hydrologic Data Review	0	0	0	6	6	6	0	0	0	0	18	\$2,670
- Project Area Site Visits	0	0	1	2	1	0	0	0	0	0	4	\$695
- Testing Plan and Data Collection Protocols	0	0	0	1	2	0	4	0	0	0	7	\$870
- Project Schedule and Work Plan	0	0	0	1	0	0	8	5	0	0	14	\$1,545
- Identification of Future SWM Lands	1	0	1	4	0	2	6	4	8	0	26	\$2,985
- Technical Memorandum	1	0	0	1	1	1	1	0	1	0	6	\$810
- Combined Final Presentation Meeting												
PM / QM	1	0	0	0	0	8	0	0	2	3	14	\$1,535
- Project Management / Contract Administration	0	0	1	0	0	0	0	0	0	0	1	\$205
- Quality Management / Quality Control	1	0	2	2	0	0	0	0	1	0	6	\$1,015
- Technical Reviews												
Labor Hours	5	0	5	34	10	18	24	9	13	3	121	\$ 16,110
Percentage Labor Hours	4%	0.0%	4%	28%	8%	15%	20%	7%	11%	2%		
Labor Rate	\$190	\$225	\$205	\$170	\$150	\$125	\$100	\$115	\$75	\$65		
Labor Cost	\$950	\$0	\$1,025	\$5,780	\$1,500	\$2,250	\$2,400	\$1,035	\$975	\$195		

For Fee Estimation Purposes Only - Not To Be Used for Invoicing. Actual hours may vary per category depending on tasks assigned. Other labor categories and hours may be applicable to the services as allowable in the Master Agreement.