

DOCUMENT ROUTING FORM

② of each 9/19/14 ①

NAME OF DOCUMENTS:

- 1. CH2M HILL ENGINEERS, INC. TASK ORDER #44 FOR WATER AND SEWER REVENUE REFUNDING BOND ENGINEER'S REPORT, SERIES 2014 - \$83,617.
- 2. ASSIGNMENT AND ASSUMPTION OF RIGHTS AND RESPONSIBILITIES UNDER AGREEMENT DATED 10/18/2001.

Approved Comm. Mtg. on **SEP 3, 2014** CAM# 14-1103 ITEM: CM-11

Routing Origin: CAO Also attached: copy of CAR copy of document

On 9/4/14, L. Blanco forwarded to: RAFEELA PERSAD, PUBLIC WORKS ENGINEERING

1.) Approved as to Content: [Signature] for Handeep arand
Department Director

Capital Improvements defined as having a life of at least 10 years and a cost of at least \$50,000 and shall mean improvements to real property (land, buildings, fixtures) that add value and/or extend useful life, inc. major repairs such as roof replacement, etc. Term "Real Property" include: land, real estate, realty, real.

Please Check the proper box: CIP FUNDED YES NO
Capital Improvement/Projects

2.) Approved as to Funds Available: by [Signature] Date: 9/8/14
Finance Director

Amount Required by Contract/Agreement \$ 83,617.00 Funding Source: PBS060101

Dept./Div. PW/ENG Index/Sub-object 3199 Project # N/A

3.) City Attorney's Office: Approved as to Form: # 2 Originals to City Mgr. By: CAO

Lynn Solomon

4.) Approved as to content: Assistant City Manager:

By: _____ By: _____
Stanley Hawthorne, Assistant City Manager Susanne Torriente, Assistant City Manager

5.) City Manager: Please sign as indicated and forward 2 originals to Clerk.

6.) To City Clerk for attestation and City seal.

INSTRUCTIONS TO CLERK'S OFFICE

7.) City Clerk: forwards 2 originals document to RAFEELA PERSAD, PUBLIC WORKS ENGINEERING

Original Route form to Linda Blanco, CAO

2014 SEP - 9 PM 3: 26
9/15
2014 SEP - 9 PM 1: 16
CITY MANAGER
CITY CLERK

Task Order No. 44

Dated this 3rd day of September 2014

City Project 12080

Fort Lauderdale Public Works Department

Preparation of Water and Sewer Refunding Revenue Bond Engineer's Report, Series 2014 for the City of Fort Lauderdale

On October 18, 2001, the City of Fort Lauderdale (City) Commission authorized a Continuing Contract Agreement with CH2M Hill Engineers, Inc., to provide professional engineering services in the form of Program Management in connection with the City's Water and Wastewater Master Plan Capital Improvement Program. This task order is being approved under the terms and conditions of said Agreement.

Project Background

The City of Fort Lauderdale (the City) is considering refinancing its outstanding Series 2006 Water and Sewer Revenue Bonds. To support the refinancing of the bond, the City is requesting CH2M HILL Engineers Inc., (CH2M HILL), along with its subconsultant; Burton & Associates, Inc., (Burton and Associates) prepare an engineer's report in support of the City of Fort Lauderdale's issuance of its Water and Sewer Revenue Refunding Bonds, Series 2014 (Series 2014 Bonds). It is anticipated that this engineers report will also satisfy Section 703 of the Bond Resolution authorizing the issuance of the Series 2012 Bonds, which requires that, upon request of the City, that the City's Consulting Engineer prepare and file with the City, not less than bi-annually, a report setting forth such advice and recommendations as they may deem desirable in respect of the water and sewer system.

Scope of Services

CH2M HILL, along with its subconsultant, Burton and Associates, will provide professional services to the City of Fort Lauderdale for the preparation of a engineer's report in support of the proposed Series 2014 Bonds. The Task 1 – Obtain Existing Data

Task 1 - Obtain Existing Data

CH2M HILL and Burton and Associates will provide the City and its financial advisors with a list of information that will be needed to prepare the engineers report. The sources of information and schedule for provision of the information will be discussed with the City during an initial project kick-off meeting. This initial project kickoff meeting will be attended by 2 CH2M HILL team

members and 1 Burton and Associates team member, whom may attend by phone. Additional follow-up meetings and/or conference calls to collect additional information will be held as needed with individual department representatives.

Task 2 - Review Institutional Framework and Staffing

The organizational structure of the Public Works Department, its service contracts with nearby communities, regulatory requirements, and staffing will be reviewed with City staff, to confirm that the institutional framework and staffing is in place to manage and plan for the ongoing operation, maintenance, and improvement of the system and to meet its regulatory requirements.

Task 3 – Characterize Existing and Planned Facilities

Data provided by the City, as well as discussions with City engineering and operations staff, will be used to evaluate the effectiveness with which the goals and objectives of the system are being met and that planned facilities will accommodate projected water and wastewater demand. CH2M HILL will characterize the existing water system and wastewater system by evaluating the basic operating conditions, water supply, treatment, and distribution facilities, wastewater collection, treatment, and disposal facilities, and regulatory requirements. Water and wastewater system improvements needed in the near future will be identified and the schedules for their design, and construction evaluated.

Task 4 – Historical and Projected Financial Performance of System

Review historical operating revenues and expenses to evaluate if the revenue generating capacity of the water and wastewater system is sufficient to meet coverage requirements as defined in the bond resolution in accordance with the debt service schedule developed for the City by its financial advisors. Verify that operating and non-operating expenses estimates allow for a reasonable level of renewal and replacement and to determine the efforts of the planned facilities on revenues from rates. Review current rates and charges, and prepare bill comparison with other nearby communities. Develop conclusions and recommendations regarding financial parameters and performance of the City's utility system.

Task 5 – Prepare Draft Engineers Reports

The study team will prepare up to 3 versions of the draft bond engineers report. These draft reports will be submitted to the City and its advisors electronically. Study team members will attend up to 3 meetings with City staff, its financial advisors, bond counsel, underwriter, and other members of the bond financing team to review the findings of the draft reports and to gather comments. Our fee estimate assumes 2 CH2M HILL team members and 1 Burton and Associates team member will attend each meeting and/or participate by conference call, with each meeting lasting up to 2 hours.

Task 6 – Review Draft Official Statements

The study team will review drafts of the official statement and provide comments relating to the accuracy of information included in the official statement that summarize information in the bond engineers report. Study team members will review up to three drafts of the official statements.

Task 7 – Prepare Final Report

A final engineer's report that addresses any City or bond financing team comments on the draft report, will be prepared, and will be submitted to the City and its underwriters for inclusion in the official statement for the bond issue in electronic format.

Task 8 - Additional Services/Contingency

CH2MHILL will as directed by the City, provide additional services that are related to the project but not included in the above scope of services. These and other services can be provided, if desired by the City, under separate written notice from the City to undertake additional tasks. The additional services may include:

- Preparation of additional drafts of the Bond Engineers Report
- Review additional drafts of the Official Statement
- Preparation of materials for use in presentations to bond rating agencies
- Participation in presentations to bond rating agencies
- Participation in bond closing
- Attendance at public hearings for presentation and/or approval of bond issue

Each notice to proceed shall contain a description of the work to be undertaken, a budget establishing the amount of additional fee to be paid to CH2MHILL and a time established to complete the work. The work under task 8 would be performed on a time and materials basis at our standard hourly rates, up to a maximum agreed upon by the City and CH2MHILL. If the estimated cumulative cost of additional work beyond initial fee exceeds \$10,000 this task order will be amended.

Project Deliverables

CH2M HILL and Burton and Associates will prepare up to three drafts of the bond feasibility reports for review by the City, its financial advisors, and bond counsel, and one final report for inclusion in the official statement for the bond issue. CH2M HILL and Burton and Associates will also provide comments on up to three drafts of the Official Statement for the Series 2012 Water and Sewer Refunding Revenue Bonds.

Assumptions

The City will provide available information and assistance as indicated below that will assist CH2M HILL to complete the tasks identified, including, but not limited to the following:

- Provide copies of operations reports, engineering reports and studies, records, and financial information for use by CH2M HILL and Burton and Associates.
- Timely review of deliverables
- Printing of the official statement, including the bond feasibility report

Performance Schedule

CH2M HILL will complete the first draft of the engineers report on or about 30 days after notice to proceed. Subsequent drafts and final report will be dictated by the schedule for issuance of the bonds.

Method of Compensation and Payment

Compensation for the services outlined in Tasks 1-7 inclusive above shall be on a lump sum of \$73,627.00. Task 8 is a contingency allowance of \$9,990.00 for additional services is also included in the fee. The total fee including the contingency allowance is \$83,617.00. Task 8 for additional services will be provided on a time and material basis. Funds for Task 8 cannot be

utilized or billed without prior written authorization from the City's Project Manager. A detailed hourly fee and schedule of cost breakdown per Master Agreement negotiated fees and labor categories are included in the table provided below. Additionally, Subconsultant fees for Burton and Associates have been included as well in Exhibit A below.

Exhibit A:

City of Fort Lauderdale Engineers Report Level of Effort		CH2M HILL Personnel Hours						
Task	Description	Senior Manager	Senior Consultant	Project Manager	Office Support	Senior Technician	Project Professional II	Total
1	Obtain Existing Data	20	10	8	8		4	50
2	Review Institutional Framework	20			6	4		30
3	Characterize Facilities	6	20	36				62
4	Financial Performance	12						12
5	Draft Reports (3)	36	28	36	12	32		144
6	Review Official Statement	10	4					14
7	Final Report	4	4	6	2	6		22
	Subtotal Task 1-7	108	66	86	28	42	4	334
8	Additional Services/Contingency	20	6	18	6	20	5	75
	Subtotal CH2M HILL Hours	108	66	86	28	42	4	334
	Per Diem Rate/Hour	\$206	\$225	\$105	\$65	\$92	\$80	
	Labor Cost	\$22,248	\$14,850	\$9,030	\$1,820	\$3,864	\$320	\$52,132
	Expenses							\$0.00
	Subtotal CH2M HILL							\$52,132.00
	Subtotal Task 8							9,990.00
	Burton and Associates	Senior Consultant	Project Manager	Technical Consultant	Office Support			Total
1	Obtain Data	3	4	6				13
2	Review Institutional Framework							0
3	Characterize Facilities							0
4	Financial Performance	6	12	20	5			43
5	Draft Reports (3)	14	19	21				54
6	Review Official Statement	1	1	1				3
7	Final Report	4	5	7				16
	Subtotal Burton & Associates Hours	28	41	55	5			129
	Labor Cost	\$5,460.00	\$7,585.00	\$8,250.00	\$200.00			\$21,495.00
	Expenses							
	Subtotal Burton and Associates							\$21,495.00
	Total Labor							\$73,627.00
	Total Expenses							\$0.00
	Contingency							\$9,990.00
	Total Cost							\$83,617.00

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, Florida 33301

Consultant Contacts

Luis Rioseco, CGC
550 W. Cypress Creek Road
Fort Lauderdale, Florida 33309
Luis.Rioseco@CH2M.com
(954) 351-9256 office
(954) 772-2621 fax

CONSULTANT

WITNESSES:

[Signature]
Signature
Jay Alan
Print Name

[Signature]
Signature
Diana Flore Menster
Print Name

(CORPORATE SEAL)



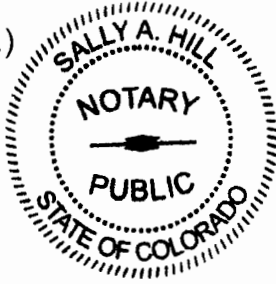
CH2M HILL Engineers, Inc
By: [Signature]
Name: Matthew B. Alvarez, P.E.
Title: Business Vice President/SFL Area Manger

ATTEST:
By: [Signature]
Name: Cheryl Rimas
Title: Asst. Secretary

STATE OF COLORADO:
COUNTY OF DOUGLAS:

The foregoing instrument was acknowledged before me on this 3rd day of September, 2014, by Cheryl J. Rimas as Assistant Secretary of CH2M HILL Engineers, Inc., a Delaware Corporation, authorized to do business in the State of Florida, on behalf of the corporation. Who is personally known to me and did not take an oath.

(SEAL)



Sally A. Hill
Notary Public

Sally A. Hill
Name of Notary Typed, Printed or Stamped

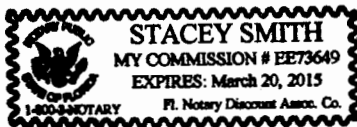
8-29-2015
My Commission Expires

Commission No

STATE OF FLORIDA:
COUNTY OF BROWARD:

The foregoing instrument was acknowledged before me on this 3 day of September, 2014, by Matthew B. Alvarez, P.E., as Business Vice President of CH2MHill, Engineer's Inc., A Delaware Corporation, authorized to do business in the State of Florida, on behalf of the corporation. Who is personally known to me and did not take an oath.

(SEAL)



Stacey Smith
Notary Public, State of Florida

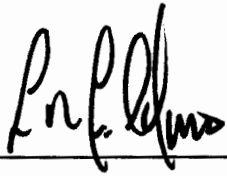
Stacey Smith
Name of Notary Typed, Printed or Stamped

March 20, 2015
My Commission Expires

EE73649
Commission No.

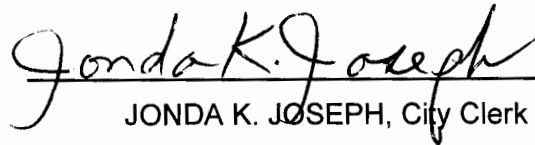
IN WITNESS OF THE FOREGOING, the parties have set their hands and seals the day and year first above written.

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

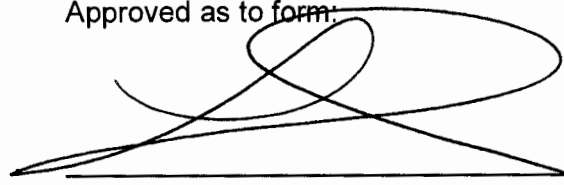
By  _____
LEE R. FELDMAN, City Manager

(CORPORATE SEAL)

ATTEST:

 _____
JONDA K. JOSEPH, City Clerk

Approved as to form:

 _____
Assistant City Attorney