

**CITY OF NORTH MIAMI
ARCHITECTURAL & ENGINEERING
CONTINUING SERVICES AGREEMENT
(RFQ #38-09-10; Civil Engineering #000174 / Work Order #3)**

THIS PROFESSIONAL ARCHITECTURAL & ENGINEERING CONTINUING SERVICES AGREEMENT ("Agreement") is entered into this _____ day of _____, 2012, between the **City of North Miami**, a Florida municipal corporation with a principal address of 776 NE 125th Street, North Miami, Florida ("City"), and **CDM Smith, Inc.**, a foreign for-profit corporation organized and existing under the laws of the State of Florida, having its principal office at One Cambridge Place, 50 Hampshire Street, Cambridge, MA 02139 ("Contractor"). The City and Contractor shall collectively be referred to as the "Parties".

RECITALS

WHEREAS, on June 3, 2010, the City advertised **Request for Qualifications No. 38-09-10, Continuing Professional Architectural and Engineering Services** ("RFQ"), for the purpose of retaining a pool of experienced, licensed and insured architectural/engineering firms to provide on a continuing, as-needed basis, the following professional architectural/engineering services: Architecture, Civil Engineering, Environmental Engineering, Planning and Urban Design, Water Resources/Water Supply, Traffic Engineering and Transportation Consulting, and other related services as specified in the RFQ; and

WHEREAS, the RFQ was administered in accordance with the State of Florida's Consultants' Competitive Negotiation Act, Section 287.055, Florida Statutes; and

WHEREAS, in response to the RFQ, Contractor submitted its sealed qualifications for the provision of professional Civil Engineering services, and was subsequently selected by City administration as having those qualifications and references most advantageous to the City; and

WHEREAS, on September 15, 2010, the Mayor and City Council of the City of North Miami, passed and adopted Resolution No. 2010-88, approving the selection of Contractor for the provision of Services; and

WHEREAS, the City is in need of professional Civil Engineering services for the Volume Sanitary Sewer Customer Ordinance ("VSCO") Compliance Services Project ("Services"), in accordance with the provisions of the RFQ; and

WHEREAS, the City Manager finds that entering into an agreement with Contractor for the provision of Services, is in the City's best interests.

NOW, THEREFORE, in consideration of the mutual terms and conditions set forth herein and other good and valuable consideration, the Parties hereto agree as follows:

ARTICLE 1 - RECITALS

1.1 The recitals are true and correct and are hereby incorporated into and made a part of this Agreement.

ARTICLE 2 - CONTRACT DOCUMENTS

2.1 The following documents are incorporated into and made a part of this Agreement (collectively referred to as the "Contract Documents"):

2.1.1 The City's Request for Qualifications No. 38-09-10, Continuing Professional Architectural and Engineering Services, attached hereto by reference;

2.1.2 Contractor's proposal and scope of work for the Civil Engineering for the Volume Sanitary Sewer Customer Ordinance Compliance Services Project, dated March 12, 2012 ("Proposal"), attached hereto as Exhibit "A";

2.1.3 Any additional documents which are required to be submitted by Contractor under this Agreement.

2.2 In the event of any conflict between the Contract Documents or any ambiguity or missing specification or instruction, the following priority is hereby established:

2.2.1 Specific written direction from the City Manager or City Manager's designee.

2.2.2 This Agreement.

2.2.3 The RFQ.

2.3 The Parties agree that Contractor is responsible for clarifying any ambiguity, conflict, discrepancy, omission, or other error found in the RFQ prior to Contractor submitting its Qualifications or the right to clarify same shall be waived.

ARTICLE 3 - TERM

3.1 Subject to authorized adjustments, the Term of this Agreement shall be one (1) year from the date specified in the Notice to Proceed, unless terminated earlier by the City. Contractor agrees that the performance of Services shall be pursued on schedule, diligently and uninterrupted at a rate of progress which will ensure full completion within the agreed time for performance. Failure to achieve timely final completion shall be regarded as a material breach of this Agreement and shall be subject to the appropriate remedies available at law. This Agreement shall remain in full force and effect until the completion of Services by the Contractor and the acceptance of Services by the City.

3.2 Minor adjustments to the time for performance which are approved in writing by the City in advance, shall not constitute non-performance by Contractor. Any impact on the time for performance shall be determined and the time schedule for completion of Services will be modified accordingly.

3.3 When, in the opinion of the City, reasonable grounds for uncertainty exist with respect to the Contractor's ability to perform Services or any portion thereof, the City may request that the Contractor, within a reasonable time frame set forth in the City's request, provide adequate assurances to the City in writing, of Contractor's ability to perform in accordance with terms of this Agreement. In the event that the Contractor fails to provide the City the requested assurances

within the prescribed time frame, the City may treat such failure as a repudiation or breach of this Agreement, and resort to any remedy for breach provided for in this Agreement or at law.

ARTICLE 4 - COMPENSATION

4.1 Contractor shall be paid an amount not to exceed One Hundred Forty Four Thousand Five Hundred Ten and no/100 Dollars (\$144,510.00) as full compensation for Services, pursuant to Contract Documents. Funding for this Agreement is contingent on the availability of funds and the Agreement is subject to amendment or termination due to lack of funds or a reduction of funds, upon ten (10) days written notice to Contractor.

ARTICLE 5 - SCOPE OF SERVICES

5.1 Contractor agrees to perform Services for the benefit of the City under the special terms, schedules, and conditions set forth in the Contract Documents. Contractor shall perform Services in accordance with that degree of care and skill ordinarily exercised by reputable members of its profession.

5.2 One or more changes to the Services within the general scope of this Agreement may be ordered by Change Order. A Change Order shall mean a written order to the Contractor executed by the Parties after execution of this Agreement. The Contractor shall proceed with any such changes, and they shall be accomplished in strict accordance with the Contract Documents and the terms and conditions described in this Agreement.

5.3 Contractor represents and warrants to the City that: (i) Contractor possesses all qualifications, licenses and expertise required in the provision of Services, with personnel fully licensed by the State of Florida; (ii) Contractor is not delinquent in the payment of any sums due the City, including payment of permit fees, local business taxes, or in the performance of any obligations to the City; (iii) all personnel assigned to perform work shall be, at all times during the term hereof, fully qualified and trained to perform the tasks assigned to each; (iv) the Services will be performed in the manner as described in the Contract Documents for the budgeted amounts, rates and schedules; and (v) the person executing this Agreement on behalf of Contractor is duly authorized to execute same and fully bind Contractor as a party to this Agreement.

5.4 Contractor agrees and understands that: (i) any and all subcontractors used by Contractor shall be paid by Contractor and not paid directly by the City; and (ii) any and all liabilities regarding payment to or use of subcontractors for any of the work related to this Agreement shall be borne solely by Contractor. Any work performed for Contractor by a subcontractor will be pursuant to an appropriate agreement between Contractor and subcontractor which specifically binds the subcontractor to all applicable terms and conditions of the Contract Documents.

ARTICLE 6 - CITY'S TERMINATION RIGHTS

6.1 The City shall have the right to terminate this Agreement, in its sole discretion at any time, with or without cause, upon ten (10) days written notice to Contractor. In such event, the City shall pay Contractor compensation for Services rendered prior to the effective date of termination. The City shall not be liable to Contractor for any additional compensation, or for any consequential or incidental damages.

ARTICLE 7 - INDEPENDENT CONTRACTOR

7.1 Contractor, its employees and agents shall be deemed to be independent contractors and not agents or employees of the City and shall not attain any rights or benefits under the civil service or pension ordinances of the City, or any rights generally afforded to classified or unclassified employees. The Contractor shall not be deemed entitled to the Florida Workers' Compensation benefits as an employee of the City.

ARTICLE 8 - DEFAULT

8.1 In the event the Contractor fails to comply with any provision of this Agreement, the City may declare the Contractor in default by written notification. The City shall have the right to terminate this Agreement if the Contractor fails to cure the default within ten (10) days after receiving notice of default from the City. If the Contractor fails to cure the default, the Contractor will only be compensated for completed Services. In the event partial payment has been made for such Services not completed, the Contractor shall return such sums due to the City within ten (10) days after notice that such sums are due. The Contractor understands and agrees that termination of this Agreement under this section shall not release Contractor from any obligations accruing prior to the effective date of termination.

ARTICLE 9 - ENGINEER'S ERRORS AND OMISSIONS

9.1 Contractor shall be responsible for technically deficient designs, reports, or studies due to Contractor's errors and omissions, and shall promptly correct or replace all such deficient design work without cost to City. The Contractor shall also be responsible for all damages resulting from such errors and omissions. Payment in full by the City for Services performed does not constitute a waiver of this representation.

ARTICLE 10 - INDEMNIFICATION

10.1 Contractor agrees to indemnify, defend, save and hold harmless the City its officers, agents and employees, from and against any and all claims, liabilities, suits, losses, claims, fines, and/or causes of action that may be brought against the City, its officers, agents and employees, on account of any negligent act or omission of Contractor, its agents, servants, or employees in the performance of Services under this Agreement and resulting in personal injury, loss of life or damage to property sustained by any person or entity, caused by or arising out of Contractor's negligence within the scope of this Agreement, including all costs, reasonable attorneys fees, expenses, including any appeal, and including the investigations and defense of any action or proceeding and any order, judgment, or decree which may be entered in any such action or proceeding, except for damages specifically caused by or arising out of the negligence, strict liability, intentional torts or criminal acts of the City, its officer, agents, employees or contractors, which claims are lodged by any person, firm, or corporation.

10.2 Nothing contained in this Agreement is any way intended to be a waiver of the limitation placed upon the City's liability as set forth in Chapter 768, Florida Statutes. Additionally, the City does not waive sovereign immunity, and no claim or award against the City shall include attorney's fees, investigative costs or pre-judgment interest.

ARTICLE 11 - INSURANCE

11.1 Prior to the execution of this Agreement, the Contractor shall submit certificate(s) of insurance evidencing the required coverage and specifically providing that the City is an additional named insured or additional insured with respect to the required coverage and the operations of the Contractor under this Agreement. Contractor shall not commence work under this Agreement until after Contractor has obtained all of the minimum insurance described in the RFQ and the policies of such insurance detailing the provisions of coverage have been received and approved by the City. Contractor shall not permit any subcontractor to begin work until after similar minimum insurance to cover subcontractor has been obtained and approved. In the event the insurance certificate provided indicates that the insurance shall terminate and lapse during the term of this Agreement, Contractor shall furnish, at least thirty (30) calendar days prior to expiration of the date of the insurance, a renewed certificate of insurance as proof that equal and like coverage and extension is in effect. Contractor shall not continue to perform the Services required by this Agreement unless all required insurance remains in full force and effect.

11.2 All insurance policies required from Contractor shall be written by a company with a Best rating of B+ or better and duly authorized and licensed to do business in the State of Florida and be executed by duly licensed agents upon whom service of process may be made in Miami-Dade County, Florida.

ARTICLE 12 - OWNERSHIP OF DOCUMENTS

12.1 All documents developed by Contractor under this Agreement shall be delivered to the City by the Contractor upon completion of the Services and shall become property of the City, without restriction or limitation of its use. The Contractor agrees that all documents generated hereto shall be subject to the applicable provisions of the Public Records Law, Chapter 119, Florida Statutes. In the event the Agreement is terminated, Contractor agrees to provide the City all such documents within 10 days from the date the Agreement is terminated.

12.2 It is further understood by and between the Parties that any information, writings, tapes, Contract Documents, reports or any other matter whatsoever which is given by the City to the Contractor pursuant to this Agreement shall at all times remain the property of the City and shall not be used by the Contractor for any other purposes whatsoever without the written consent of the City.

ARTICLE 13 - NOTICES

13.1 All notices, demands, correspondence and other communications between the Parties shall be deemed sufficiently given under the terms of this Agreement when dispatched by registered or certified mail, postage prepaid, return receipt requested, addressed as follows or as the same may be changed from time to time:

For Contractor: CDM Smith, Inc.
 One Cambridge Place
 50 Hampshire Street
 Cambridge, MA 02139
 Phone: _____
 Fax: _____

For the City: City of North Miami
Attn: City Manager
776 N.E.125th Street
North Miami, Florida 33161

With copy to: City of North Miami
Attn: City Attorney
776 N.E.125th Street
North Miami, Florida 33161

13.2 Either Party may at any time designate a different address and/or contact person by giving notice as provided above to the other Party. Such notices shall be deemed given upon receipt by the addressee.

13.3 In the event there is a change of address and the moving Party fails to provide notice to the other Party, then notice sent as provided in this Article shall constitute adequate notice

ARTICLE 14 - MISCELLANEOUS PROVISIONS

14.1 Services shall not be subcontracted, transferred, conveyed, or assigned under this Agreement in whole or in part to any other person, firm or corporation without the prior written consent of the City.

14.2 The City of North Miami is exempt from Federal Excise and State taxes. The applicable tax exemption number or certificate shall be made available upon request.

14.3 No waiver or breach of any provision of this Agreement shall constitute a waiver of any subsequent breach of the same or any other provision hereof, and no waiver shall be effective unless made in writing.

14.4 Should any provision, paragraph, sentence, word or phrase contained in this Agreement be determined by a court of competent jurisdiction to be invalid, illegal or otherwise unenforceable under the laws of the State of Florida, such provision, paragraph, sentence, word or phrase shall be deemed modified to the extent necessary in order to conform with such laws, or if not modifiable, then same shall be deemed severable, and in either event, the remaining terms and provisions of this Agreement shall remain unmodified and in full force and effect.

14.5 This Agreement constitutes the sole and entire agreement between the Parties. No modification or amendments to this Agreement shall be binding on either Party unless in writing and signed by both Parties. Any prior agreements, promises, negotiations or representations not expressly set forth in this Agreement are of no force and effect.

14.6 This Agreement shall be construed and enforced according to the laws of the State of Florida. Venue for any litigation, which may arise in connection with this Agreement, shall be in Miami-Dade County, Florida.

14.7 The City reserves the right to audit Contractor's records covered by this Agreement at any time during the provision of Services and for a period of three years after final payment is made under this Agreement.

14.8 The Contractor agrees to comply with and observe all applicable federal, state, and local laws, rules, regulations, codes and ordinances, as they may be amended from time to time.

14.9 The Contractor agrees that it shall not discriminate as to race, sex, color, creed, national origin, or disability, in connection with its performance under this Agreement.

14.10 The professional Services to be provided by Contractor pursuant to this Agreement shall be non-exclusive, and nothing herein shall preclude the City from engaging other firms to perform Services.

14.11 This Agreement shall be binding upon the Parties herein, their heirs, executors, legal representatives, successors and assigns.

14.12 All other terms and conditions set forth in the Contract Documents which have not been modified by this Agreement, shall remain in full force and effect.

14.13 This Agreement may be executed in two or more counterparts, each of which shall constitute an original but all of which, when taken together, shall constitute one and the same Agreement.

[The remainder of this page is intentionally left blank.]

IN WITNESS WHEREOF, the Parties have executed this Agreement by their respective proper officers duly authorized the day and year first written above.

ATTEST:
Corporate Secretary or Witness:

By: _____

Print Name: _____

Date: _____

CDM Smith, Inc. a foreign for-profit corporation
"Contractor":

By: _____

Print Name: IGNACIO LIZASU

Date: 5/9/12

ATTEST:

By: 

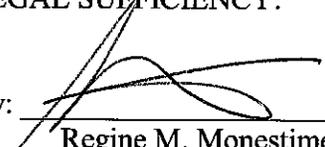
Michael A. Etienne
City Clerk

City of North Miami, a Florida municipal Corporation:
"City"

By: 

Stephen E. Johnson
City Manager RJB

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

By: 

Regine M. Monestime
City Attorney



800 Brickell Avenue, Suite 500
Miami, Florida 33131
tel: +1 305 372-7171
fax: +1 305 372-9167
cdmsmith.com

HAND DELIVERED

May 17, 2012

Mrs. Ruby Johnson, CPPO
Director
Purchasing Department
City of North Miami
776 NE 125th Street
North Miami, FL 33161

Subject: City of North Miami Architectural & Engineering Continuing Services Agreement
(RFQ No. 38-09-10; Civil Engineering No. 000174/Work Order No. 3)

Dear Mrs. Johnson:

Please find enclosed two executed copies of the referenced continuing services agreement between CDM Smith and the City of North Miami. As part of our contract execution procedures, we have had your standard form agreement reviewed by our Office of General Counsel (OGC).

The following contractual language revisions were recommended by our OGC:

Pages 1 and 8 of the Agreement

Modify "CDM Smith, Inc." to read "CDM Smith Inc." There is no comma in our corporate name.

Section 6.1 (last sentence)

Modify "The City shall not be liable to Contractor for any additional compensation, or for any consequential or incidental damages." to read "**The City shall not be liable to Consultant for any additional compensation and neither party shall be liable to the other for any consequential or incidental damages.**"

Section 9.1

Modify "errors and omissions" noted in the second and fourth lines to read "negligent acts, errors or omissions".

Section 11.1

Modify the third line after the words "additional insured" to add "on the commercial general liability and automobile liability".







Mrs. Ruby Johnson, CPPO
May 17, 2012
Page 2

Section 12.1

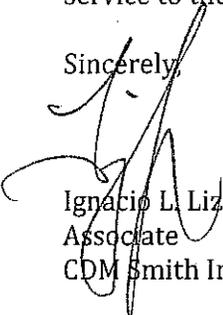
Addition of the following provisions to address pre-existing information and reuse:

"Notwithstanding any provision to the contrary contained in this Agreement, CONSULTANT shall retain sole ownership to its preexisting information including but not limited to computer programs, software, standard details, figures, templates and specifications. Any reuse of the documents prepared by CONSULTANT under this Agreement for other than their specific intended purpose will be at the sole risk of the user and without liability or legal exposure to the CONSULTANT."

Please acknowledge the acceptance of these terms by signature. This letter will serve as an enclosure to this Agreement (RFQ No. 38-09-10; Civil Engineering #000174/Work Order No. 3)

Thank you for your consideration of these language revisions. We look forward to continued service to the City of North Miami.

Sincerely,



Ignacio L. Lizama, P.E.
Associate
CDM Smith Inc.

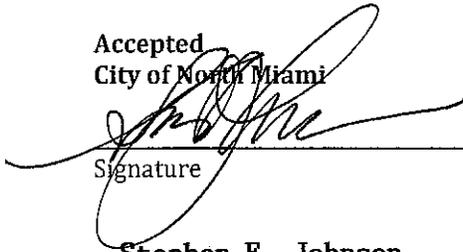
ILL/JAJ/km

File: NB-North Miami

Enclosures

cc: Jason A. Johnson, CDM Smith
Aleem Ghany, CNM
Wisler Pierre-Louis, CNM

Accepted
City of North Miami



Signature

Stephen E. Johnson

Print Name

5/30/12

Date



**PROFESSIONAL SERVICES AGREEMENT
BETWEEN
CITY OF NORTH MIAMI AND CDM SMITH INC.**

Water Resources Engineering Work Assignment No. 1 for Professional Engineering

TO: CDM Smith Inc.
800 Brickell Avenue, Suite 500
Miami, Florida 33131

DATE: March 12, 2012

Pursuant to the Agreement between City of North Miami and CDM Smith Inc. (CDM Smith) Engineering Services for Master Services Agreement (RFQ 38-09-10), you are directed to provide the following services:

Project Name: Volume Sanitary Sewer Customer Ordinance (VSCO) Compliance Services

Scope of Work: Attached as Exhibit A
Calendar days to complete this work: 205 (of receipt of data)
Fee for this Service Order:

Total Service Order No. 1 (Lump Sum)	\$132,310
(Not to Exceed)	<u>\$ 12,200</u>
TOTAL NTE	\$144,510

Basic Service Additional Service _____ Reimbursable Expense

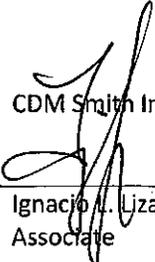
ACCEPTED:

City of North Miami

CDM Smith Inc.

Aleem Ghany, P.E.
Director of Public Works

Date



Ignacio L. Lizama, P.E.
Associate

5/9/12

Date

EXHIBIT A

WATER RESOURCES ENGINEERING WORK ASSIGNMENT No. 1 ENGINEERING SERVICES

FOR

CITY OF NORTH MIAMI, FLORIDA (City)

VOLUME SANITARY SEWER CUSTOMER ORDINANCE (VSCO) COMPLIANCE SERVICES

BY

CDM SMITH INC. (Consultant)

This Authorization, when executed, shall be incorporated in and become part of the Agreement RFQ No. 38-09-10 for Professional Services between the City of North Miami (City), and CDM Smith Inc. (Consultant), dated June 21, 2011 hereafter referred to as the Agreement.

PROJECT BACKGROUND

The City is a Volume Sewer Customer (VSC) of the Miami-Dade County Water and Sewer Department (WASD). As such, the City must comply with the requirements set forth in VSC Ordinance 96-166 of the County, which was incorporated into Section 24-42.2 of the County Code. The VSC Ordinance is enforced by the Department of Permitting, Environment and Regulatory Affairs (PERA) and stipulates that all publicly and privately owned or operated sanitary sewer collection and transmission systems such as the City's need to complete the following Sanitary Sewer Evaluation Survey components and requirements:

- Sanitary Sewer Evaluation Survey (SSES)
 - Phases I- Preliminary Sewer System Survey,
 - Phase II- Sewer System Analysis and Corrective Action Plan and
 - Phase III- Implementation of Corrective Action Plan and Re-Measurement

The City received a letter from PERA advising the City that submittal of a Phase I and II report is required by November 2012.

The City owns and operates two wastewater pump stations located in the Enchanted Forest Park that serve the rental pavilions and maintenance facilities within park boundaries. According to City documents, Pump Station No. 1 was installed in the 1980s and Pump Station No. 2 was installed in the 1990s. It is understood that these two stations discharge to the City's gravity collection system outside of the park at the Park's boundary.

The City received a letter dated September 23, 2012 from PERA in response to a letter sent by the City to PERA on September 8, 2011 regarding permits for the Enchanted Forest Pump Stations.

The purpose of this work assignment is to assist the City with compliance services associated with Phase I and Phase II report requirements for the Second Cycle and the preparation of the Engineering Reports, as outlined in Exhibits 1 and 2 for the Enchanted Forest Pump Station.

SCOPE OF WORK

TASK A - SANITARY SEWER COLLECTION SYSTEM: PHASE I AND PHASE II SEWER SYSTEM ANALYSIS AND CORRECTIVE ACTION PLAN

Task A will evaluate the necessary field flow measurements and smoke testing in each sewer basin needed for the preparation of a Corrective Action Plan for each non-compliant sanitary sewer basin.

TASK A1 - SANITARY SEWER EVALUATION SURVEY (SSES) FOR PHASE I AND PHASE II – SEWER SYSTEM ANALYSIS

The Consultant will undertake the following subtasks as a prelude to the Final Corrective Action Plan. The Consultant will utilize flow monitoring data collected between 2009 and 2011 provided to the Consultant by the City. The required flow monitoring data to be provided by the City should have been collected at each of the City's 46 sewer pump stations. The flow monitoring data will support the disaggregation of the data to determine Night-Time flows and Dry/Wet Average Daily Flows (ADF) for each sewer basin. The collected information will be used to complete the pending SSES Phase II tables as provided by PERA in their "Guidelines for the Submittal of the Sanitary Sewer Evaluation Survey (SSES) Phases I, II, and III" dated July 2007. The following activities will be conducted under this task:

Subtask A1.1 - Flow Monitoring Analysis (46 flow monitors, 3 rain gauges)

The Consultant will analyze the collected field data and separate the wastewater flow data into base flow, night flow, groundwater infiltration, and rainfall dependent infiltration and inflow (RDI/I) components. This breakdown will quantify the relative RDI/I contributions of various portions of the estimated 46 sewer basins. Publicly available tidal information will be considered at this stage since a portion of the City's system is within a tidally influenced area.

Subtask A1.2 - Identification of I/I Sources (Smoke Testing)

A specialty Contractor retained by the City will perform smoke testing of the gravity mains in each sanitary sewer basin. The Consultant will perform part time monitoring of the performance of the smoke testing and inventory the location of the inflow sources identified during the tests. This information will be utilized in the development of the Corrective Action Plan discussed in Task A2.

Subtask A1.3 - Flow Data Breakdown and Analysis

The Consultant will complete the PERA SSES Tables 1, 2 and 3 (Exhibit 1) based on the data contained within the City's GIS, sanitary sewer atlas and previous SSES compliance reports. The following list summarizes the tasks required and general approach to complete each column of the SSES Table 3.

- Number of Manholes – The Consultant will tabulate from the City's most current electronic Sanitary Sewer Atlas the number of manholes (using AutoCAD) in each pump station basin.
- Key Manhole and Surcharged Basin - As part of the field inspection effort to confirm the location of each key manhole to install the proposed flow monitors, the Consultant will determine whether each basin is surcharged and request City assistance in eliminating this condition prior to flow monitoring activities.

- **IDM** - The Consultant will determine the equivalent sanitary sewer inch-diameter-mile (IDM) for each basin using AutoCAD and the City's most current electronic Sanitary Sewer Atlas. Since each basin has different lengths and diameter of sewers, each basin's pipe lengths will be converted into units of IDM. This unit classification provides a method by which the flows for each basin can be compared regardless of pipe sizes or lengths.
- **Night Flow (Minimum Flow)** – This data will be obtained from the flow monitors installed at each key manhole. This flow is measured in gallons per day (gpd) for each basin during dry weather conditions. Minimum flow measurements will be taken during low usage times (typically 1:00 am – 5:00 am for most areas).
- **Night Usage** – The Consultant will estimate the late night water usage in gallons per day (gpd) for each basin and using the City's water consumption records from three primary City land use classifications (single family, multi-family, commercial/entertainment).
- **Infiltration** – The Consultant will estimate the infiltration/inflow (I/I) by subtracting the Night Usage from Night Flow for each basin and then dividing the I/I values by the IDM values respectively for each basin to obtain the desired units of gpd/IDM.
- **Average Daily Flows** – The Consultant will determine the Dry and Wet Average Daily Flow (in MGD) by evaluating the flow monitoring data at each of the basins during wet weather conditions and during dry weather conditions.
- **Inflow/MH** – The Consultant will determine, to the practical extent possible, the average inflow per manhole by dividing the average inflow value by the total number of manholes in each basin in units of gpd.
- The Consultant will prepare the "Work Completed" section of the SSES Table 3 for each basin (See Exhibit 1).

Subtask A1.4 - Infiltration Assessment

Consultant will provide the City with tabular comparison of the collected infiltration (gpd/IDM) data for each basin against the PERA established criteria of 5,000 gpd/IDM.

TASK A2 - TECHNICAL MEMORANDUM

Subtask A2.1 - Technical Memorandum - SSES Phase I and Phase II Corrective Action Plan (DRAFT)

The Consultant will prepare and submit to the City five (5) copies of the Draft Technical Memorandum and one electronic copy in PDF format that will contain the results of the flow monitoring analysis and smoke testing for the 46 pump station basins and the SSES Tables 1 through 3. The memorandum shall present the methodology, evaluation and results of the flow monitoring and smoke testing program.

Subtask A2.2 - Technical Memorandum - SSES Phase I and II Corrective Action Plan (FINAL)

The Consultant will meet to review and discuss the draft Technical Memorandum with the Department of Public Works staff. Five (5) hard copies and one electronic copy in PDF format of the final Technical Memorandum will be submitted after incorporating appropriate review comments as provided by the City. Consultant shall transmit to PERA the final technical memorandum on behalf of the City.

TASK A3 - SSES MANAGEMENT

The project and quality management task is comprised of the following documents:

Subtask A3.1 - SSES Kick-Off and Progress Meetings

Consultant shall conduct a project kick-off meeting and three progress meetings with key City staff representatives. The kick-off meeting will provide an overview of the scope of services, discussion of the project schedules and involvement of City staff throughout the project. Up to three progress meetings will be held through the project where the City and the Consultant will review work completed, update the schedule and resolve any issues related to completion of the work. Consultant shall prepare minutes and action items resulting from the scoped meetings.

Subtask A3.2 - SSES Quality Control Technical Review

The Consultant maintains a program of quality control on all of its projects. Meetings will be scheduled over the project duration specifically which the project team will be required to review submittals and discuss project issues.

Subtask A3.3 - SSES Meeting with PERA

Upon submittal of the final report, the Consultant will schedule one meeting with PERA to review the report and findings. In the instance PERA develops questions or comments, the Consultant will generate one memorandum providing responses to PERA questions and/or comments.

TASK B - ENCHANTED FOREST STATIONS REGULATORY ASSISTANCE

Task B will prepare engineering reports for the Enchanted Forest Pump Stations based on the following activities:

TASK B1 - FIELD RECONNAISSANCE AND DATA COLLECTION

This task includes field reconnaissance and investigation activities to understand and document the existing conditions for each pump station. Under this task, the Consultant will perform a field visit to each of the pump station sites for the following reasons:

- Photo documentation of the condition of the pump stations and equipment in place.
- Photo documentation, as much as possible, the sources that contribute to the collection system associated with each pump station.
- Assistance to the City with performing pump down tests at each of the pump stations to determine pumping capacity (provided that there is sufficient volume in the wetwell or that some volume of water could be added to the wetwell to facilitate this testing).

This task includes reviewing data available through the City for the existing pump stations and obtaining any missing necessary information from other sources. This data includes the following:

- Manufacturer pump model numbers and curves

- Pump run times, average and peak flows, as available from existing information provided by the City
- Available "record" or design drawings for the two pump stations
- Information provided for these two pump stations in the City's Peak Flow Management Study

TASK B2 - TOPOGRAPHIC AND SUBSURFACE SURVEY

The Consultant, through use of a subcontractor, will determine the locations and elevations of relevant physical features within the proposed project area. Subsurface locations of the relevant pipelines will also be determined performing Subsurface Utility Engineering (SUE) using the following three methods; ground penetrating radar (GPR), magnetic locating and soft digs. The subcontractor will develop plan sheets with the topographic information, above ground features, and the horizontal locations of the relevant subsurface utilities, as well as profiles for those subsurface utilities based on the investigation conducted with the ground penetrating radar (GPR), magnetic locating and soft digs. Included in the survey information will be elevations of the existing pump station and piping, top and bottom of structure (i.e. wet wells, manholes, etc) elevations and inverts, electrical ducts, gravity pipe inverts, and top of pipe elevation for the pressure mains. This field survey will be delivered to the City in digital format and four signed and sealed copies for each pump station will be submitted to the Consultant for inclusion in the engineering reports. Exhibit 2 is a copy of the subcontractor's scope and fee for these services.

TASK B3 - ENGINEERING REPORTS AND REGULATORY ASSISTANCE

Subtask B3.1 - Engineering Reports

This task includes activities required to complete the Engineering Reports, as outlined in Exhibits 3 and 4. The Engineering Reports are required by DERM to document the station's operating conditions.

One engineering report will be prepared for each pump station. Each Engineering Report will contain the following information:

- A description of each station's location and collection area
- Details on installed pumps, including photo documentation collected under Task B1 and figures
- Survey information prepared under Task B2.
- Calculation of system losses and identification of pump station's operating condition on system curve and pump curve

The Consultant will prepare and submit draft Engineering Reports to the City for review and meet with the City, as required, to discuss the City's review comments. Consultant will then submit final signed and sealed Engineering Reports to the City.

Subtask B3.2 - Response to Request for Additional Information (RAI)

The Consultant will respond to one request for information by PERA for each Engineering Report relating to the information prepared and submitted by the Consultant.

TASK B4 - ENCHANTED FOREST MEETINGS, AND QUALITY CONTROL/VSCO PROJECT MANAGEMENT

Activities performed under this task consist of those general functions required to maintain the project on schedule, within budget, and that the quality of the work products defined within this scope is consistent with Consultant's standards and City's expectations. Specific activities included are identified below:

Subtask B4.1 - Enchanted Forest Project Kick Off Meeting and Progress Meeting

Consultant will prepare for and conduct a Project Kick-Off Meeting with the City and subconsultant. The Consultant will prepare and distribute meeting minutes as appropriate.

The Consultant will prepare for and conduct one Progress Meeting with the City to receive comments after the submittal of the draft Engineering Reports. The Consultant will prepare and distribute meeting minutes as appropriate.

Subtask B4.2 - Enchanted Forest Project Quality Control (QC) Technical Review

Consultant maintains a QC program. An internal project quality management planning session will be conducted at the start of the project. This action is required by Consultant's quality management system (QMS) guidelines. One Technical Review Committee (TRC) meeting is budgeted for and will be performed prior to submittal of the draft Engineering Reports.

Subtask B4.3 - Project Status Reports

The project manager will prepare monthly written progress reports summarizing the VSCO activities completed, work remaining and identifying any problems which have occurred or anticipated needs.

TASK C - CONTINGENCY SERVICES

The contingency is provided to cover additional services as authorized in writing by the City. Consultant will not use the contingency without written approval by the City.

SERVICES NOT INCLUDED/CLARIFICATIONS

1. Surveying – no surveying services are anticipated for Task A services at this time to confirm invert elevations of sanitary sewers.
2. This Service Order does not include performing flow monitoring or system analysis of service areas to private pump stations.

DATA OR COORDINATION ASSISTANCE TO BE PROVIDED BY THE CITY

1. Assign a project manager to represent the City on this assignment.
2. Provide Consultant access to the Enchanted Forest Park, as needed.
3. Operate the pump as need for pump down test or verify functionally.
4. City's project manager and/or other personnel will attend review meetings.

5. Review Enchanted Forest Engineering Report and submit written review comments within seven (7) calendar days of receipt of draft submittals.
6. Flow monitoring data collected between 2009 and 2011 calendar year where the system is not under surcharge conditions at the flow monitoring key-manholes. Non-surcharge conditions are essential for the collection of true flow information in each basin.
7. Smoke testing may need to be performed during the rainy season (May-November). Testing will only be performed on non-rainy days and will be completed, at least one month prior to the draft SSES technical memorandum submittal.
8. The City will retain a separate contractor to perform smoke testing of approximately 623,000 lf of sanitary sewer. Consultant assumes 7,000 – 10,000 lf of smoke testing will be performed per day per contractor crew. The City should require a minimum of two crews per day to complete the services in accordance with the schedule.
9. Part-time inspection services are based on two hours of inspection services per day.
10. No work moratorium will be implemented during the work period preventing smoke testing or field assessment from being performed.
11. Copy of the City's Sewer System Atlas, latest version in electronic format.
12. Access to the City's Sewer System GIS (if available).
13. Previous copies of SSES compliance reports.
14. Actual water consumption data within each of the City's sanitary sewer basins collected at the same time the flow monitoring was performed (if available).

DELIVERABLES

Consultant will prepare the following deliverables:

1. Consultant will complete PERA SSES Tables 1, 2 and 3 (Exhibit 1) to the extent possible with collected data during the flow monitoring program for submittal to PERA on or before the November 2012 deadline.
2. Consultant will prepare a draft and final technical memorandum summarizing the flow monitoring and smoke testing data used to determine infiltration levels for each basin.
3. Digital format (signed and sealed) of Enchanted Forest Field Survey.
4. One draft Engineering Report will be prepared for each Enchanted Forest Park Pump Stations 1 and 2.
5. Three final Signed and Sealed Engineering Reports for each Enchanted Forest Pump Stations 1 and 2 will be submitted.

TIME OF COMPLETION/SCHEDULE

Consultant understands that the City's goal is achieving submittal of the Enchanted Forest Engineering Reports and the Phase II SSES Report in accordance with PERA's compliance schedule. Consequently, this assumes that a notice to proceed will be issued no later than March 16, 2012.

Accordingly, upon receipt of the NTP and receipt of all required data Consultant will complete this scope of work for the tasks described above, as follows:

Task	Calendar Days from NTP	Approximately Completion Date
Enchanted Forest Engineering Report	35	4/20/2012
SSES Phase I and II – Sewer System Analysis	147	8/10/2012
Technical Memorandum - Draft	161	8/24/2012
Technical Memorandum - Final	175	9/7/2012
Meeting with PERA	TBD	(within 30 calendar days of the completion of the Final Technical Memorandum)

COMPENSATION AND PAYMENT

The value for performing work under Tasks A and B is a Lump Sum amount of \$132,310. The Consultant will submit invoices on a monthly basis accompanied by written progress reports. Monthly invoice amount will be based on percent complete of the work performed. For invoice purposes only the value of each task is as shown in **Table One**. The estimated allowance under Task C is a not to exceed amount of \$12,000 to be invoiced based at Consultant's prevailing hourly rates based on Client authorization. The total not to exceed (NTE) authorized amount is \$144,510.

**Table 1
Task Value for Invoice Purposes Only**

Task	Task Description	Total Value (\$)
A1	Sanitary Sewer Evaluation Survey (SSES) for Phase I and Phase II – Sewer System Analysis	\$53,980
A2	Technical Memorandum	\$26,920
A3	SSES Management	\$12,220
B1	Field Reconnaissance and Data Collection	\$2,800
B2	Topographic and Subsurface Survey	\$19,510
B3	Engineering Reports and Regulatory Assistance	\$10,000
B4	Enchanted Forest Meetings, and Quality Control/VSCO Project Management	\$6,880
Task A and B Total (Lump Sum)		\$132,310
Task C (Not-to-Exceed)		\$12,200
GRAND TOTAL TASK A, B AND C (NTE)		\$144,510



HADONNE

EXHIBIT 2

Friday, February 03, 2012

Land Surveyors
Mappers
GPS / GIS Services
Subsurface Utility Surveyors

VIA EMAIL: LlwelynLL@cdmsmith.com

ENCHANTED FOREST.docx

Submitted to:

Ms. Layla Llewelyn

CAMP DRESSER & McKEE (CDM)

800 Brickell Avenue Suite 500

Miami, FL 33131

In reference to:

Surveying Services on the property known as "Enchanted Forest Park" located at NE 135 Street and NE 16 Avenue North Miami, Florida.

Dear Ms. Llewelyn,

Pursuant to your request regarding a fee estimate for Subsurface Utility Engineering (SUE) and Surveying services for the above referenced project. **HADONNE CORP (HC)** is pleased to submit the following proposal for your consideration.

Section I) Scope of Services:

1. Prior to commencing the work a representative of Hadonne will attend a kick off meeting with the client. The field work to begin no later than 2 business days from the kick off meeting date.
2. HC will perform a Topographic Survey of Pump Station's # 1 and #2 (20 foot radius around each) and the collection systems for each pump station will be identified and mapped. HC will also extend the survey out to the existing manhole at station 7+24.1, as indicated on referenced drawings provided. The topographic Survey will be limited to the area of the pump stations. The elevations for the pipelines will be provided as well as horizontal locations. Top of structure/rim elevations will be provided for the structures included in the areas to be surveyed.
3. HC will also perform Subsurface Utility Surveying (SUE), which entails using Ground Penetrating Radar (GPR), Magnetic Locating and Soft Digs to determine the following for:
 - A. Pump Station #1:
 1. Approximately 725 feet (6" PVC Sewer)
 2. Approximately 130 feet (8" PVC Sewer)
 3. Approximately 345 feet (1" PVC Force Main)
 4. Wet well, valve vault and control panel (elevations, dimensions, locations and depths)
 - B. Pump Station #2:
 1. Approximately 60 feet (6" PVC Sewer)
 2. Approximately 540 feet (1" PVC Force Main)
 3. Wet well, valve vault and control panel (elevations, dimensions, locations and depths)
4. HC will perform Subsurface Utility Engineering (SUE) which entails using Ground Penetrating Radar (GPR), Magnetic Locating and Soft Digs for approximately 1800 linear feet of PVC.
5. HC will prepare an "As-Built" drawing combining the aboveground survey with the subsurface utility survey (See Section II for deliverables).

Section II) Deliverables:

1. HC will prepare separate drawings for Pump Station #1 and #2. HC will deliver three signed and sealed copies of the resulting Map of Survey and survey cad file for each pump station. Deliverables will be sheets 24" x 36" with the following scale: Plan View will be 1"=40" and Profiles will be 1"=20" for horizontal and 1"=2' for vertical.

Section III) Project area, length, Size and location:

See attached (Exhibit "B")

Section IV) Schedule of Fees:

The Total Fee to complete the entire project shall be a lump sum of \$18,100.00

Section V) Time of Completion:

HC has estimated 10 business days to complete this project.

Section VIII) Qualifications:

County and/or Municipality Fees are not included in this Proposal and are the Client's responsibility. Rule of Law: All field and office efforts in connection with this project will be performed in strict accordance with the applicable provisions of the "Minimum Technical Standards for Land Surveying in the State of Florida", pursuant to Rule 61G17-6 Florida Administrative Code. Requests for service not specifically enumerated in this Proposal will be addressed via separate response if so required and an additional charge will apply per HC's hourly rates for calendar year 2010, which are set forth in the "Estimate Fee" section of this Proposal. All survey work to be done in U.S. feet, elevations to be reference to National Geodetic Vertical Datum of 1929 (NGVD 1929). Our ability to perform is and will be completely influenced by the Client's ability to make the site available and to eliminate any and all conditions that may interfere with HC's ability to furnish services, and weather conditions. HC will require a 24 hour, prior written notice before field work can be performed. This notice should be sent via facsimile or email to HC. This Proposal does not include any permit fee nor plans processing fees assessed by the applicable government agency. This Proposal does not include construction inspections or certifications for construction completion. Horizontal control points shall be referenced to the Florida State Plane Coordinate System, North American Datum of 1983 adjusted 1990 (NAD83/90). All work to be performed in U.S. feet. Client shall be aware that GPR Technology is not 100% accurate. Depending on factors such as and not limited to: soil type, soil moisture, size of underground utility, type of underground utility, depth of underground utilities; some utilities may not be detected by GPR. GPR will detect the presence of the utility but not the type. The client will do its best to identify the type of utility but it may occur that some detected utility remain unidentified. Area to be located with GPR should be clean without mayor vegetation, debris or any structure that may prevent the use of the equipment. Cleaning, removing of debris or vegetation is not included in this proposal.

Section IX) Payments Terms:

Payment is due for HC's completion of each task UPON RECEIPT of HC's Invoices. It is understood that this Proposal is entered into between HC and the Client. HC's failure to strictly enforce any provision in this Proposal shall NOT be construed as a modification or amendment of the Proposal's terms, specifically these payment terms, unless otherwise agreed to in writing by HC. HC's receipt of this Proposal, signed by Client, constitutes Client's acceptance of these terms, and HC's Standard Terms and Conditions (collectively the "Contract"), which is attached and incorporated by reference as if fully set forth here. The Client's signature shall also constitute a notice for HC to proceed with its Scope of Services. In the event HC is required to enforce any terms of the Contract, Client agrees to pay to HC all reasonable attorneys' fees and costs incurred, whether suit is filed or not, including attorneys' fees on appeal. Past due payments under this Proposal are subject to a 1.5% interest per month. For special consideration, the Client agrees that HC's liability for this Project, irrespective of the cause, shall be limited to the amount of the Professional Fees Client actually pays to Client. Both HC and the Client may terminate this Proposal after ten (10) days written notice, and upon Client's payment to HC of all outstanding fees and expenses incurred by HC through the date of such written notice.

By signing below I APPROVE AND ACCEPT this letter as a legal contract and read and agree to the payment terms as set forth above.

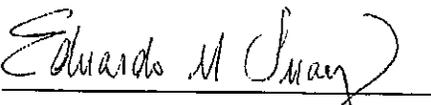
By: _____
(Authorized Signature)

(Typed or printed name)

Date: _____

Title: _____

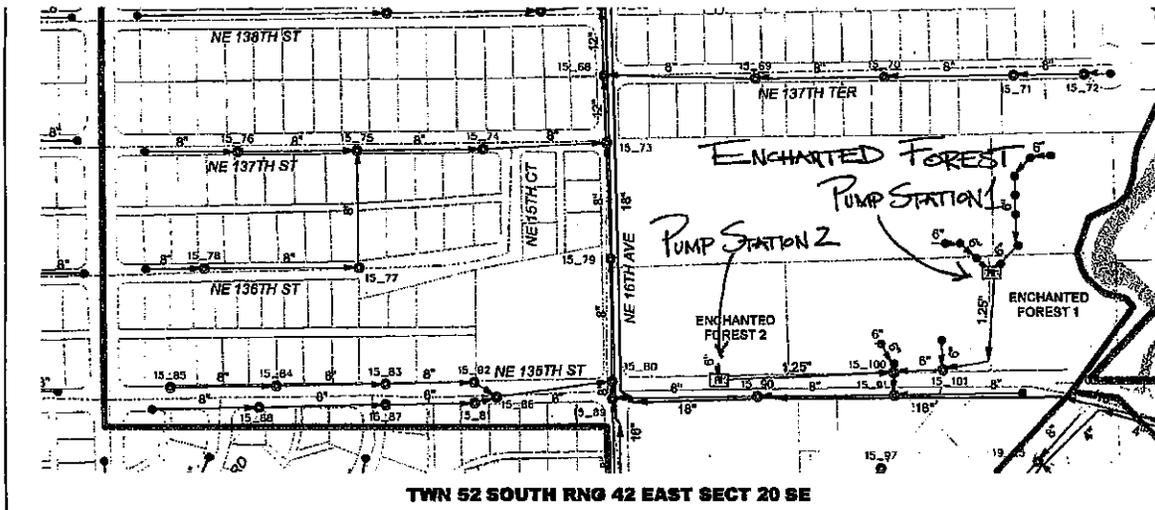
I thank you for this opportunity to present this proposal for your consideration and look forward to your favorable response. In the interim, if there is anything we can do to be of service in this or any other matter, please do not hesitate to call me directly at 305.266.1188.

Sincerely yours,

Eduardo M Suarez, PSM / Vice President

ENCHANTED FOREST PUMP STATIONS

- Ⓐ PUMP STATION 1
 725 FT 6" PVC SEWER
 130 FT 8" PVC SEWER
 345 FT 1" PVC FORCEMAIN
 WET WELL
 VALVE VAULT
 CONTROL PANEL

- Ⓑ PUMP STATION 2
 60 FT 6" PVC SEWER
 540 FT 1" PVC FORCEMAIN
 WET WELL
 VALVE VAULT
 CONTROL PANEL

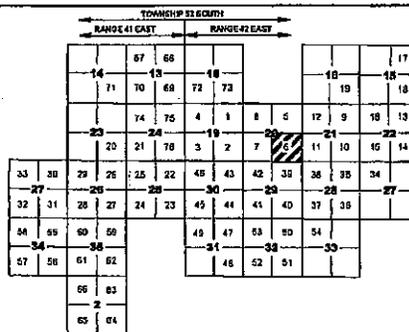


TWN 52 SOUTH RNG 42 EAST SECT 20 SE

CNM SANITARY SEWER ATLAS

Legend

- CNM Pump Stations
- CNM Sewer Meters
- Private Pump Stations
- MH
- Clean-out
- Sewer Gravity Lines
- Forcemain
- Abandoned Gravity Lines
- Abandoned Forcemain
- Basin Boundary
- City Limits



DATE	DESCRIPTION	BY
REVISIONS		
PAGE: 6 OF 76		
CITY OF NORTH MIAMI PUBLIC WORKS DEPARTMENT WATER AND SEWER DIVISION NORTH MIAMI, FLORIDA		
PREPARED BY:	W. FARYNA	
CHECKED BY:	R.A. GHANY, P.E.	
DATE:	MAY, 2010	

EXHIBIT 3



Department of
Pla

miamidade.gov

SEND VIA E-MAIL

09/23/2011

Aleem A Ghany PE, Public Works Director
Public Works Department
776 NE 125 ST
North Miami, Fl, 33161
TEL 305-895 9830 Ext 12247

Re: Enchanted Forest No.1 - North Miami Pump Station

The Department of Environmental Resources Management (DERM) acknowledges receipt of your response for the Permit Required letter (PR) on September 08, 2011 pertaining to the permit for Enchanted Forest Pump Station No. 1.

This letter constitutes notice that the above referenced report is INCOMPLETE. Please refer to the comments below that further explain the additional requirements.

1. Resubmit engineering report that clearly indicates the design calculations for the pumping station. The report shall include: system losses calculations and manufacturer's operating curve with the system curve plotted on it.
 - The system losses must be calculated based in the 1.25-inch force main length and the static head.
 - Provide the operating condition [GPM @ FT (TDH)]. The operating point must intersect the manufacturer curve.
 - Provide pump station data information for Impeller size and speed.
 - The report must also be dated, signed, and sealed by a Professional Engineer.

Provide the requested information within 45 days of receiving this RFI. Evaluation of your project will be delayed until all requested information has been received.

if you have any questions, please contact Mr. Oscar Aguirre or me at (786) 315-2800.

Sincerely,

A handwritten signature in black ink, appearing to read "CH" followed by a flourish.

Carlos Hernandez, P.E., Chief
Plan Review & Development Approvals Division
DERM

cc: Wisler Pierre-Louis, P.E., City Engineer

Delivering Excellence Every Day

EXHIBIT 4



miamidade.gov

Department of Environmental Resources Management
Plan Review and Development Approvals Division
11805 SW 26th Street, Ste. 124
Miami, Florida 33175-2474
T 786-315-2800 F 786-315-2919

SEND VIA E-MAIL

09/23/2011

Aleem A Ghany PE, Public Works Director
Public Works Department
776 NE 125 ST
North Miami, FL 33161
TEL 305-895 9830 Ext 12247

Re: Enchanted Forest No.2 - North Miami Pump Station

The Department of Environmental Resources Management (DERM) acknowledges receipt of your response for the Permit Required letter (PR) on September 08, 2011 pertaining to the permit for Enchanted Forest Pump Station No. 2.

This letter constitutes notice that the above referenced report is INCOMPLETE. Please refer to the comments below that further explain the additional requirements.

1. Resubmit an engineering report that clearly indicates the design calculations for the pumping station. The report shall include: system losses calculations and manufacturer's operating curve with the system curve plotted on it.
 - The system losses must be calculated based in the 1.25-inch force main length and the static head.
 - Provide the operating condition [GPM @ FT (TDH)]. The operating point must intersect the manufacturer curve.
 - Provide pump station data information for impeller size and speed.
 - The report must also be dated, signed, and sealed by a Professional Engineer.

Provide the requested information within 45 days of receiving this RFI. Evaluation of your project will be delayed until all requested information has been received.

If you have any questions, please contact Mr. Oscar Aguirre or me at (786) 315-2800.

Sincerely,

A handwritten signature in black ink, appearing to read "CH Hernandez".

Carlos Hernandez, P.E., Chief
Plan Review & Development Approvals Division
DERM

cc: Wisler Pierre-Louis, P.E., City Engineer

Delivering Excellence Every Day

Pierre-Louis, Wisler

From: Aguirre, Oscar (PERA) [AguirO@miamidade.gov]
Sent: Monday, October 31, 2011 10:15 AM
To: Pierre-Louis, Wisler
Cc: Ghany, Aleem; Areas, Rosa (PERA)
Subject: RE: Data Information for Enchanted Forest PS

As the current owners of the PS, you shall be able to make the requested calculations for the system. That data is necessary for validating the pump station capacity and operating conditions. The PS cannot be created in the database used for the Sewer Certification Program (Allocation Letters) until such information is provided, consequently, Allocation Letters cannot be issued.

Oscar Aguirre, E.I., Engineer 3
W&WW Engineering Section
Permitting, Environment and Regulatory Affairs
11805 SW 26 Street, Suite 124, Miami, FL 33175
(786) 315-2889
e-mail: miamidade.gov/pera
"Delivering Excellence Every Day"

Miami-Dade County is a public entity subject to Chapter 119 of the Florida statutes concerning public records. E-mail messages are covered under such laws and thus subject to disclosure.

From: Pierre-Louis, Wisler [<mailto:PWisler@northmiamifl.gov>]
Sent: Friday, October 28, 2011 5:01 PM
To: Aguirre, Oscar (PERA)
Cc: Ghany, Aleem
Subject: RE: Data Information for Enchanted Forest PS

Oscar,

We received the attached letter and are preparing a response however as you are aware we have limited information on the pump stations. The pump stations were designed and constructed years ago. They service a small park and have low run times. We do not have any record drawings which makes it difficult to calculate the system losses and provide the design calculations you are requesting. We have provided most the information you requested below and will provide any additional information that we have obtained. Do you have any suggestions on we can resolve this matter?

Thanks

From: Aguirre, Oscar (DERM) [<mailto:AguirO@miamidade.gov>]
Sent: Monday, May 23, 2011 10:27 AM
To: Pierre-Louis, Wisler
Cc: Areas, Rosa (DERM)
Subject: Data Information for Enchanted Forest PS

As a follow up form our phone conversation this morning, please provide the information as listed in the pictures below for the PS Enchanted Forest. As you noted, this PS was built about 20 years ago, for which you limited information. Please provide an explanation of why this PS was never submitted to DERM as part of the collection system for the city.

Once you submit this basic/general information we shall create the PS in DERM database. Please submit this information at your earliest. Along with this information I will also need the ET readings you have in records.

Address: _____			
Section - Township - Range: _____			
Generator	N	Telemetry	ET clock
Type:	Class:	Speed:	H.P.:

Generator: Y/N

Telemetry: Y/N

Type:

A = Wetwell/Drywell with building, B = Wetwell/Drywell w/ underground, C = Submersible, D = Submersible w/ building, E = Wetwell w/ pumps above

Class:

B = Booster station, C = Compressor station, L = Lift station, M = Master station (Regional station w/ 5 or more pumps), R = Regional station, V =

Pump #:	_____		
Manufacturer:	_____		
Model Number:	_____		
Equipment Type:	_____		
Impeller Size:	_____	Impeller ID:	_____
Pump Capacity (gpm):	_____	Speed (rpm):	_____
		TDH (ft.):	_____
		Motor HP:	_____

As you also noted, you expect that a Survey of PS be completed by July-2011. Please submit the survey upon completion.

Please contact me if any questions.

Oscar Aguirre, E.I., Engineer 3

Engineering Section

Plan Review & Development Approvals Division

Miami-Dade County - DERM

(786) 315-2889

e-mail: miamidade.gov

"Delivering Excellence Every Day"

The Miami-Dade Department of Environmental Resources Management (DERM) values your feedback as a customer. DERM is committed to its mission "to balance today's needs through responsible governance, education, and conservation, to protect our environment for tomorrow." And as part of our mission, we continuously assess and improve the quality of services provided to you. Please take a few minutes to comment on our quality of service. Simply click on this <http://derm.miamidade.gov/survey>. Thank you in advance for completing our customer survey.