

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: February 6, 2018

Consent [X]
Public Hearing []

Regular []

Department: Water Utilities Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Consultant Services Authorization (CSA) No. 3 for the NW Belle Glade Water Main Improvements, Zone 3; Survey and Pipe Assessment (Project) with Chen Moore and Associates, Inc., in the amount not to exceed \$170,814.11.

Summary: On June 20, 2017 the Board of County Commissioners (BCC) approved the Water Utilities Department (WUD) Engineering/Professional Services Contract (Contract) with Chen Moore and Associates, Inc., (R2017-0816). CSA No. 3 provides services relating to the preliminary survey, title search, subsurface engineering services, geotechnical engineering and analysis of the water main distribution system within the Northwest area of Belle Glade in order to prepare conceptual design plans and cost estimate to improve the water system in the area. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance is 15% overall. The Contract with Chen Moore and Associates, Inc., provides for SBE participation of 100%. CSA No. 3 includes 100% overall participation. The cumulative SBE participation including CSA No. 3 is 96.24% overall. Chen Moore and Associates, Inc., is a Palm Beach County company. The Project is included in the WUD FY18 budget. (WUD Project No. 18-002) District 6 (MJ).

Background and Justification: Zone 3 of the Belle Glade water distribution system experiences issues with leaks, unknown location of facilities, substandard pipe materials, undersized mains and valve isolation. The purpose of this project is to identify all of the water distribution infrastructure within the project area including pipes, valves, fire hydrants, water meters and make recommendations for improvements. In the future, Palm Beach County Water Utilities Department (PBCWUD) wishes to relocate water services from the rear to the front of the properties, replace aging water distribution system infrastructure and improve fire protection. The Project will be undertaken in a geographic area bounded by Northwest Avenue L, Main Street, West Canal Street North and Northwest 16 Street. The Project will enhance the system reliability and will also increase fire protection in the surrounding area. These improvements are part of the continued restoration and repair of vital water infrastructure in the Glades and will ensure the provision of high quality water delivery to the residents and business.

Attachments:

1. Location Maps
2. Four (4) Original CSA No. 3

Recommended By: Jim Stiles 1-16-18
 Department Director Date

Approved By: [Signature] 1-18-18
 Deputy County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2018	2019	2020	2021	2022
Capital Expenditures	<u>\$170,815</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Operating Costs	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
External Revenues	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Program Income (County)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
NET FISCAL IMPACT	<u>\$170,815</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
# ADDITIONAL FTE POSITIONS (Cumulative)	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

Budget Account No.: Fund 4001 Dept 720 Unit 2323 Object 3120

Is Item Included in Current Budget? Yes X No

Does this item include the use of federal funds? Yes No X

Reporting Category N/A


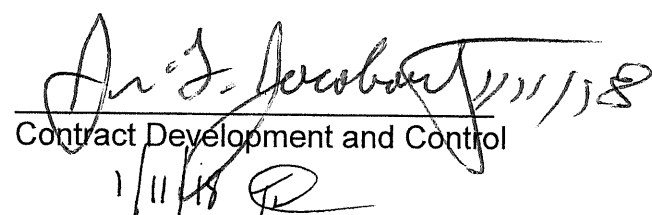
B. Recommended Sources of Funds/Summary of Fiscal Impact:

One (1) time capital expenditure from user fees with balances brought forward.

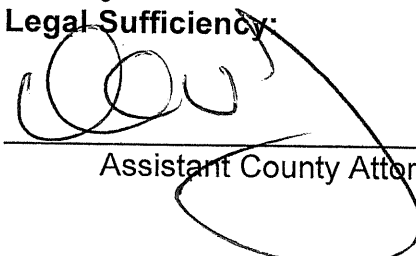
C. Department Fiscal Review: _____

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development and Control Comments:

 _____ OFMB	1/9/18 1/9/18	 _____ Contract Development and Control
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B. Legal Sufficiency:



 Assistant County Attorney

1/17/18

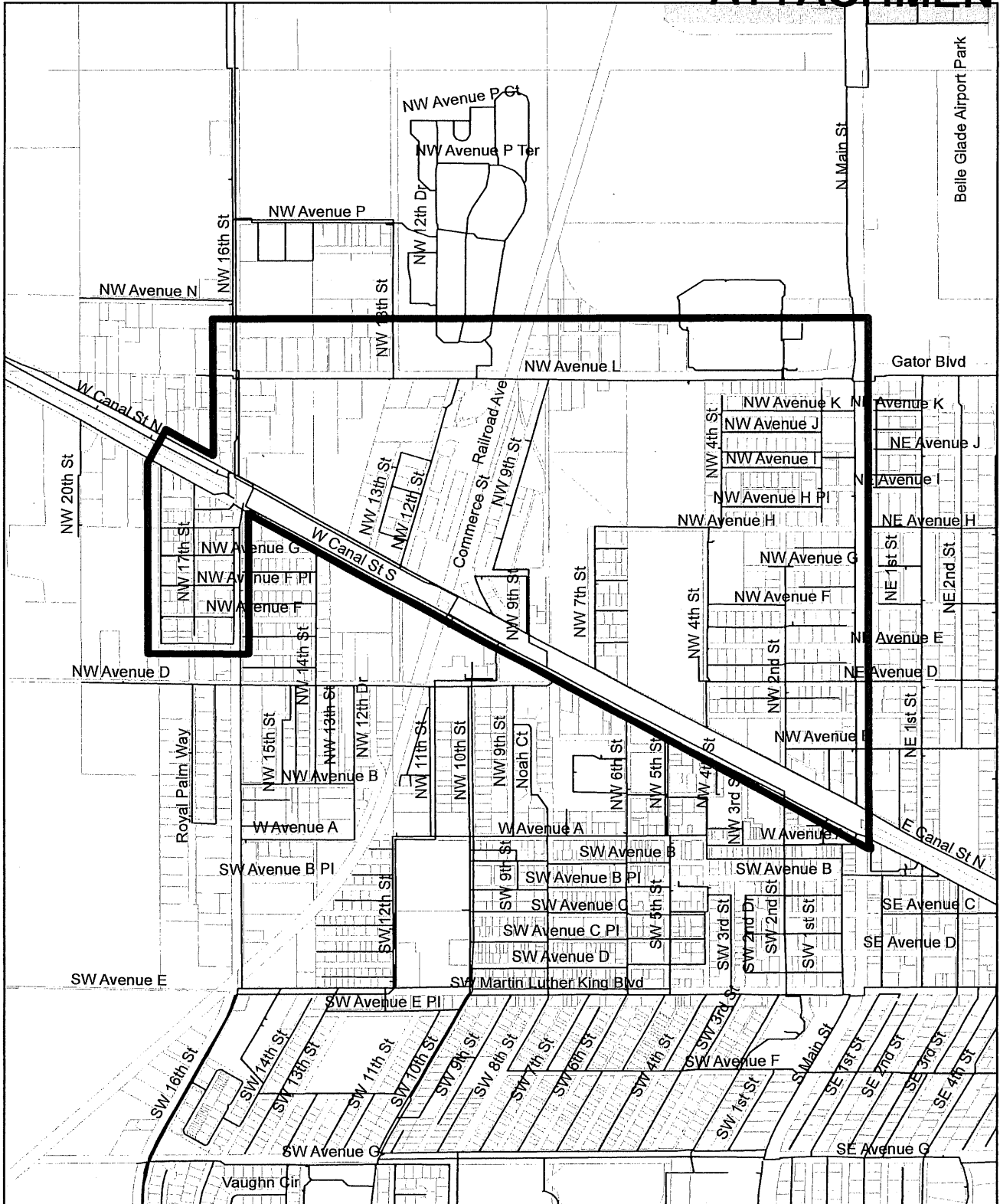
C. Other Department Review:

 Purchasing Department Director




This summary is not to be used as a basis for payment.

Attachment 1 of Agenda Item: Location Map
PBCWUD Zone 3 Belle Glade Water Main Assessment
WUD # 18-002

ATTACHMENT 1



Legend

-  Existing WM
-  Zone3 Boundary
-  Parcels



0 375 750 1,500 2,250 Feet



CONSULTANT SERVICES AUTHORIZATION NO. 3

Project Title: NW Belle Glade Water Main Improvements, Zone 3 Survey and Pipe Assessment

Project No. WUD: 18-002

Budget Line Item No. 4001-720-2323-3120

District No.: 6

THIS AUTHORIZATION No. 3 to the Contract for Consulting/Professional Services dated June 20, 2017 (R2017 - 0816), by and between Palm Beach County and the Consultant identified herein, is for the Consultant Services described in Item 3 of this Authorization. The Contract provides for 100 % SBE participation overall. This Consultant Services Authorization includes 100.00% overall participation. The cumulative SBE participation, including this authorization is 96.24% overall. Additional authorization will be utilized to meet or exceed the stated overall participation goal.

1. CONSULTANT: Chen Moore and Associates, Inc.
2. ADDRESS: 500 Australian Avenue South, Suite 530, West Palm Beach FL 33401
3. Description of Services to be provided by the Consultant:

Survey and analysis of water main distribution system within NW Belle Glade Area (Zone 3).

See ATTACHMENT A.
4. Services completed by the Consultant to date (Summary and Status of Authorizations): None

See ATTACHMENT E.
5. Consultant shall begin work upon receipt of Notice to Proceed correspondence.
6. The compensation to be paid to the Consultant for providing the requested services shall be:
 - A. Computation of time charges plus expenses, not to exceed \$170,814.11
 - B. Fixed price of \$ Not Applicable
7. This Authorization may be terminated by the County without cause or prior notice. In the event of termination not the fault of the Consultant, the Consultant shall be compensated for all services performed through the date of termination, together with reimbursable expenses (if applicable) then due.

Project No. WUD: 18-002 Consultant Services Authorization No. 3

Project Title: NW Belle Glade Water Main Improvements, Zone 3 Survey and Pipe Assessment

8. SBE participation is included in Attachment D under this Authorization. The attached Schedule 1 defines the SBE applied to this Authorization and Schedule 2 establishes the SBE contribution from each subconsultant (Letter of Intent to perform as an SBE).
9. EXCEPT AS HEREBY AMENDED, CHANGED OR MODIFIED, all other terms, conditions and obligations of the Contract dated June 20, 2017 remain in full force and effect.

Project No. WUD: 18-002 Consultant Services Authorization No. 3

Project Title: NW Belle Glade Water Main Improvements, Zone 3 Survey and Pipe Assessment

IN WITNESS WHEREOF, this Authorization is accepted, subject to the terms, conditions and obligations of the aforementioned Contract.

PALM BEACH COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

Sharon R. Bock, Clerk & Comptroller,
Palm Beach County

Palm Beach County,
Board of County Commissioners

ATTEST:

Signed: _____

Signed: _____

Melissa McKinlay, Mayor

JCS

Typed Name: _____
Deputy Clerk

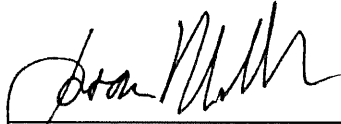
_____ Date

Approved as to Form and Legal
Sufficiency

Signed: _____

Typed Name: _____
County Attorney

CONSULTANT: Chen Moore and
Associates, Inc



(Signature)

Jason McClair, P.E. / Vice President
(Name and Title)

December 7, 2017
Date

LIST OF ATTACHMENTS

Project No. WUD: 18-002 **Consultant Services Authorization No.** 3

Project Title: NW Belle Glade Water Main Improvements, Zone 3 Survey and Pipe Assessment

ATTACHMENT - A	Scope of Work
ATTACHMENT - B	Budget Summary
ATTACHMENT - C	Project Schedule
ATTACHMENT - D	SBE Schedule 1, 2, 3 a and 4
ATTACHMENT - E	Authorization Status Report - Summary and Status of Authorizations
ATTACHMENT - F	Authorization Status Report – Summary of SBE Tracking
ATTACHMENT - G	Location Map

ATTACHMENT A

CONSULTANT SERVICES AUTHORIZATION NO. 3

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT ENGINEERING/PROFESSIONAL SERVICES

SCOPE OF WORK FOR NW BELLE GLADE WATER MAIN IMPROVEMENTS, ZONE 3 SURVEY AND PIPE ASSESSMENT

INTRODUCTION

Palm Beach County (COUNTY) entered into an agreement entitled Contract for Engineering/ Professional Services - Palm Beach County Utilities Department Project No. WUD 17-005 (CONTRACT) with: Chen Moore and Associates, Inc. (CONSULTANT) to provide engineering services for various general activities on June 20, 2017 (Reference Document R2017-0816). This Consultant Service Authorization will be performed under that CONTRACT.

This Consultant Services Authorization encompasses providing services related to updates to survey and analysis of the water main system in Belle Glade Zone 3.

BACKGROUND

Zone 3 of the Belle Glade water distribution system experiences issues with leaks, unknown location of facilities, substandard pipe materials, undersized mains and valve isolation. The purpose of this project is to identify all of the water distribution infrastructure within the project area (see Attachment G) including pipes, valves, fire hydrants, water meters and backflow preventers and make recommendations for improvements. In the future, Palm Beach County Water Utilities Department (PBCWUD) wishes to relocate water services from the rear to front of properties, replace aging water distribution system infrastructure, and improve fire protection.

SCOPE OF SERVICES

CONSULTANT shall perform the engineering Scope of Services as described herein.

ASSUMPTIONS

The engineering services described herein have been based on the following assumptions:

- COUNTY staff will provide all previous plans, reports, data, models and information available to assist in the model update and calibration.
- The COUNTY will assist CONSULTANT with data and field investigation.
- The software that was utilized for the previous model, and will be utilized for future model updates, is InfoWater.
- COUNTY will provide consolidated review comments of each deliverable within two (2) weeks of receipt from CONSULTANT.
- Utility soft digs and field investigation will not be performed in the rear of the properties. Information related to utilities in the rear of the properties will be based on desktop research.
- Full topographic survey is not included. Above ground features relating to the water system only will be horizontally located.

- Investigation related to the sewer system is limited to the inclusion of the existing sewer data for reference. Utility soft digs, field investigation, conceptual design and cost estimate is not included for sewer.
- Restoration for soft digs does not include hot mix asphalt, mill and resurface, flowable fill or concrete.
- Construction drawings are not included. The design services within this proposal are conceptual.
- Investigation into the drainage system is limited to information provided by the City of Belle Glade.
- Drainage design is not included. Drainage repairs will be included as a contingency in the cost estimate.
- Investigation on Avenue L (FPL project) is limited to identifying the side street connections. The main line on Avenue L will not be assessed.
- Soil testing for corrosivity is not included.
- PBCWUD will provide leak assessment.
- Assessment of infrastructure for schools is not included, as that system is privately owned by the Palm Beach County School Board.
- PBCWUD will provide the latest flow data for model inputs.
- Model calibration is not included.

TASK 1 - FIELD INVESTIGATION AND COORDINATION

1.1 Survey Coordination: ENGINEER shall coordinate with a licensed surveyor to perform title searches and research plats to identify easements for the water distribution system. It is assumed that 10 title searches will be performed. Surveyor will prepare a digital base map of easements based on review of the existing plats and easements within the 10 properties that require a title search. Apart from the 10 properties receiving a title search, unrecorded easements are not included in this effort. Surveyor will horizontally locate above ground water utility features within 10' of the right-of-way including fire hydrants, backflow preventers, valves and meter boxes. Elevation for these features will not be provided.

1.2 Utility Coordination: ENGINEER will review all existing record drawings, design plans, utility atlases, and GIS data for the project area. ENGINEER shall perform a Sunshine One design ticket call, send letters to all identified utilities, collect utility location information and digitize utility locations for drawings. ENGINEER shall coordinate with a subsurface utility engineering (SUE) firm for the performance of up to 140 utility test holes to locate any existing underground utilities within the project limits. SUE firm shall provide equipment and labor, or the services of a qualified subconsultant, for exploratory subsurface test holes ("soft digs") for certain existing underground utilities as determined by the ENGINEER. The horizontal location for each test hole will be obtained by the surveyor. Test hole information will include pipe type, diameter, material, and depth from surface (ground elevation is not included).

1.3 Field Verification: ENGINEER shall conduct field visits to assess the existing conditions of the project area.

1.4 Review of Leak Assessment: ENGINEER will review leak assessment provided by PBCWUD.

1.5 Geotechnical Coordination: ENGINEER will coordinate with a geotechnical engineering firm to perform soil borings in the project area. It is estimated that twelve (12) soil borings will be performed.

1.6 Coordination with City of Belle Glade: ENGINEER will coordinate with the City of Belle Glade for upcoming projects that may affect the scope or schedule of future water main

improvements within the project area. ENGINEER will also coordinate with the City of Belle Glade for restoration requirements related to test holes and future utility improvements.

1.7 Coordination with PBCWUD: ENGINEER will coordinate with PBCWUD for data collection and field investigation. This will include, but not be limited to, coordination with Customer Service for meter/billing data, coordination with Operations and Maintenance for review of water system work orders and coordination with PBCWUD project manager for additional data. This task will include three (3) meetings with PBCWUD.

Task 1 Deliverable

Digital (pdf) copy of minutes from all meetings.

TASK 2 – CONCEPTUAL DESIGN

2.1 Conceptual Design: ENGINEER will prepare and submit conceptual design exhibits. The exhibits will consist of the existing conditions and a conceptual design. The existing conditions exhibits will be based on aerial imagery, GIS data including parcels and PBCWUD existing water and sewer data. The existing water and sewer GIS data will be updated with the results of Task 1. The conceptual design plans will include proposed water main layout, pipe sizing, valves, water services, fire hydrants and fire coverage. Modeling for the proposed water main will include the same pipe connectivity as the existing system. Investigation into tying together the existing 24-inch and 8-inch water lines on West Canal Street and Northwest 16th Street will be included to determine adequate pipe size and system redundancy. Furthermore, modeling efforts will be completed to adequately size additional proposed pipes in the system to meet velocity, water age and fire flow criteria.

2.2 Cost Estimate: ENGINEER will prepare a cost estimate of items in the conceptual design for budgeting purposes for PBCWUD.

2.3 Technical Memorandum: ENGINEER will prepare a technical memorandum summarizing the results of Task 1, assumptions for the conceptual designs and cost estimates, exhibits, cost estimate, and other recommendations.

2.4 Meetings PBCWUD: ENGINEER will attend two (2) review meeting with PBCWUD to discuss the conceptual design.

Task 2 Deliverable

Digital (pdf) copy of the Technical Memorandum.

Digital (pdf) copy of minutes from all meetings.

Digital copies (pdf, mxd, shp) of all updated GIS data and maps.

Four (4) hard copies of Technical Memorandum, including maps and exhibits.

TASK 3 – REIMBURSABLES

The following are estimated costs of reimbursable expenses. The PBCWUD will only pay for those services which were used.

3.1 Printing: The costs for the printing and reproduction costs for submittal material will be billed to PBCWUD.

3.2 Utility Locates: The costs for utility locates will be billed to PBCWUD. Utility Locates will be performed by Craig A. Smith and Associates, Inc.

3.3 Geotechnical Investigation: The costs for soil borings will be billed to the PBCWUD. Geotechnical investigation will be performed by Radise International, L.C.

3.4 Survey: The costs for the easement, plat and title research will be billed to PBCWUD. Survey will be performed by Engenuity Group, Inc.

COMPENSATION

Time and Materials - \$170,814.11

SBE PARTICIPATION

1. SCHEDULE 3(A) – Professional Services Activity Report

This form shall be submitted by the prime contractor with each payment application when SBE and/or M/WBE sub-consultants are utilized in the performance of the contract. This form shall contain the names of all SBE and M/WBE sub-consultants, specify the sub-consultants dollar amount for each sub-consultants and show amount drawn and payments to date issued to sub-consultants.

2. SCHEDULE 4 – SBE-M/WBE Payment Certification

A schedule 4 for each SBE and/or M/WBE sub-consultant shall be completed and signed by the proposed SBE and/or M/WBE after receipt of payment from the prime. When applicable, the prime shall submit this form with each application submitted to the county for payment to document payment issued to a sub-consultant in the performance of the contract.

SBE participation is included in the **ATTACHMENT F** under this authorization. The attached Schedule 1 defines the SBE applied to this CSA/Contract and Schedule 2 establishes the SBE contribution from each subcontractor (Letter of Intend to perform as an SBE).

October 20, 2017

Ms. Suzanne Dombrowski, P.E., ENV SP
Chen Moore and Associates, Inc.
500 Australian Ave. S., Ste. 530
West Palm Beach, FL 33401
(Via email: sdombrowski@chenmoore.com)

**Re: Professional Surveying Services
Zone 3 (Belle Glade) Title Search, Lot Easements, Hydrant and Valve
Locations, Meter Boxes, Backflow Preventers, and Test Hole Locations
Palm Beach County Water Utilities Department
Engenuity Group, Inc. Project No. 17139.01**

Dear Ms. Dombrowski:

Engenuity Group, Inc. is pleased to present you with this proposal to provide surveying services for the subject project.

Based on conversations and emails with you, we understand that Palm Beach County Water Utilities Department would like basemap of existing easements over approximately 400 properties within the city of Belle Glade.

The mapping of these easements will assist in the future design of water utilities.

Engenuity Group will provide the following under the terms of this agreement:

- Contract for a Title Search on ten (10) properties to be performed by Statewide Land Title, Inc. These can be performed for a fee of \$500 per property.
Total Fee: \$5,000.00
- Plot easements on digital base map based on review of documents provided by title search for ten (10) properties.
Total Fee: \$3,000.00
- Create a digital base map based on review of existing recorded plats and show any platted easements. Unrecorded plats are excluded from this effort.
Total Fee: \$15,000.00
- Locate all Fire Hydrants and Valves within the area shown on the attached map (Zone 3) (Northing and Easting Only)

2017 10-20 Revised Proposal Letter
Project No. 17139.01
Page 1 of 3

Total Fee: \$9,835.00

- Locate approximately 140 Test Holes (Northing and Easting Only)

Total Fee: \$5,115.00

- Locate all water meters and backflow preventers that exist in the front of the properties, that are within 10' of the right-of-way, and are accessible. Structures located in the rear of the properties will not be included.

Total Fee: \$3,500.00

GRAND TOTAL: \$41,450.00

The final deliverables will be a digital AutoCAD file which will be provided within thirty (30) business days of receiving authorization to proceed. If this proposal is acceptable please execute the attached authorization and return it to us. If you have any questions, please do not hesitate to call.

Permit Fees, Reproduction Charges and Reimbursable Expenses

The Total Contract Price **does not** include the payment of any governmental agency submittal or processing fees. The cost of these fees and any costs incurred by the office for printing, reproduction and other reimbursable expenses such as long distance telephone calls, facsimile, postage, travel, and document copy charges will be billed to the client monthly.

Invoicing and Payment

Work will be invoiced on a monthly basis for work completed to date. Invoice shall be paid in full by the client within thirty (30) days of the client receiving payment, unless within such thirty (30) day period, client notifies Engenuity Group, Inc. in writing of its objection to the amount of said invoice. Such notice shall be accompanied by payment of any undisputed portion of said invoice. If written objection is not received within thirty (30) days it shall constitute approval of invoice by client.

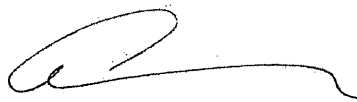
PURSUANT TO FLORIDA STATUTES § 558.0035 (2013) AN INDIVIDUAL EMPLOYEE OR AGENT MAY NOT BE HELD INDIVIDUALLY LIABLE FOR NEGLIGENCE.

Sincerely,



Jennifer Malin, P.S.M.
Project Manager


Approved by,



C. Andre Rayman, P.S.M.
President

Authorization: **Re: Professional Surveying Services
Zone 3 (Belle Glade) Title Search, Lot Easements,
Hydrant and Valve Locations, Meter Boxes, Backflow
Preventers, and Test Hole Locations
Palm Beach County Water Utilities Department
Engenuity Group, Inc. Project No. 17139.01
Proposal Date: October 20, 2017**

By: Suzanne Dombrowski **Date:** 10/25/2017

Signature:  _____

For: Chen Moore and Associates

I am _____ I am not **The Owner of the Property**

The Property Owner Is: Various

Address: _____

Telephone: _____

Fax: _____



September 5, 2017

CHEN MOORE AND ASSOCIATES
Attn: Suzanne Dombrowski, P.E., ENV SP
500 Australian Avenue South, Suite 850
West Palm Beach, FL 33401

O: +1 561.746.6900, Ext. 1035

C: +1 954.650.7996

sdombrowski@chenmoore.com

RE: Geotechnical Services Proposal
PBCWUD Belle Glade Zone 3
City of Belle Glade, Palm Beach County, Florida
RADISE Project No: TBD

Dear Ms. Dombrowski,

RADISE International, L.C. (RADISE) is pleased to submit this proposal for the above referenced project. This proposal discusses our understanding of the project, presents our proposed scope of work, and establishes our schedule and fees for these services.

PROJECT INFORMATION

We understand that the Palm Beach County Water Utilities Department (PBCWUD) has retained Chen Moore for the PBCWUD Belle Glade Zone 3 – Needs Assessment, and that a Geotechnical investigation of the subsurface soil conditions located in Zone 3 will be necessary for the design and installation of a new water main.

SCOPE OF SERVICES

The proposed scope of work for the project consists of the following:

1. We will visit the site to field mark (paint and/or stake) the planned boring locations, and observe existing site conditions.
2. We will contact Sunshine 811 to request field location and clearance of underground utilities in the areas of the borings, as per Florida Statutes.
3. We will mobilize a truck-mounted drilling rig to the site.
4. Set up basic maintenance of traffic (MOT) where necessary for traffic control and safety (i.e. signs and cones).
5. Perform a total of 12 Standard Penetration Test (SPT) borings to depths of 10 feet below the existing ground surface.
6. Following completion of the drilling operations, the boreholes will be backfilled with grout and the pavement patched with asphalt cold patch.
7. We will visually classify the collected soil samples in the field, with subsequent laboratory confirmation/QC verification of classifications using the Unified Soil

Classification System (USCS).

8. We will assign and perform a series of laboratory tests to ascertain the Soil Index properties for the soils encountered in each boring.
9. Perform appropriate geotechnical engineering analyses, and preparation of a geotechnical engineering report providing the results of the SPT borings, the soil laboratory testing, recommendations regarding proposed utility installation, backfilling and compaction, dewatering, and other considerations for site construction and pavement restoration.

SCHEDULE/DELIVERABLES

Upon receiving written authorization to proceed, we will commence with field marking of the boring locations and preparation of the utility locate request. Mobilization for the drilling operations will occur soon after Sunshine 811 clearance of boring locations is received from the contacted utilities. The specified field drilling work is expected to require two days to complete. Laboratory visual classification of the soils and report preparation will require two weeks to complete following completion of field work. We expect to provide the final report signed and sealed by a registered professional engineer within four weeks however, accelerations of this schedule may be facilitated if needed.

COMPENSATION & TERMS

Based upon our understanding of the project and interpretation of your requirements, we propose to perform the scope of work outlined previously for a Lump Sum Fee as detailed in the Fee Breakdown on Attachment A. Our work will be performed in accordance with the General Terms and Conditions included as part of this proposal as Attachment B.

Soil samples obtained from the drilling operations will be retained by RADISE for a period of 90 days from the date of drilling and then they will be discarded unless alternate terms are agreed to in writing with the client.

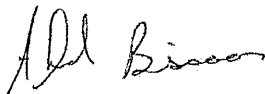
CLOSURE

RADISE appreciates the opportunity to provide our services for this project, and trust that the scope of work and fee presented in this proposal are clear and understandable. Should the proposal contents require any clarification or amplification, please feel free to contact us.

Sincerely,

RADISE International, L.C.

Infrastructure Engineers & Software Consultants



Akash Bissoon, P.E.
Senior Project Engineer



Gregory Stelmack, P.E.
Vice President

Accepted By:
Suzanne Dombrowski
Senior Engineer and West
Palm Beach Branch Manager
Chen Moore and Associates
10/25/2017





**ATTACHMENT A
FEE BREAKDOWN
GEOTECHNICAL ENGINEERING SERVICES
PBCWUD Belle Glade Zone 3 - Chen - 09-05-17
Palm Beach County, Florida**

	Qty	Unit	Unit Price	Total
1.0 FIELD EXPLORATION (Estimated 1 week to complete)				
1.1 Stake borings & Utility Clearance (Staff Engineer - VIII 4.)	4	Hour	\$ 105.00	\$ 420.00
1.2 Mobilize Equipment - Drill Rig (Truck >50 miles)	1	Each	\$ 400.00	\$ 400.00
1.3 MOT for project:				
1.3.1 Coordinate and Develop MOT (Staff Engineer - VIII 4.)	2	Hour	\$ 105.00	\$ 210.00
1.3.2 MOT Cones, Sign, Flags	2	Day	\$ 250.00	\$ 500.00
1.3.3 MOT Flagmen (Sr. Technician - VIII 5.)	0	Hour	\$ 70.00	\$ -
1.4 Prep/Secure Right-of-Way Permit (Staff Engineer - VIII 4.)	0	Hour	\$ 105.00	\$ -
1.4.1 Permit prep/followup (Staff Engineer - VIII 4.)	0	Hour	\$ 105.00	\$ -

1.5 SPT Borings (Estimated 2 days to complete)

Site	Boring Depth (feet)	No. of Borings	Total Boring Footage
Zone 3	10	12	120
<i>Total Boring Depth for Section 1.5</i>			120 feet

1.5.1 SPT Boring - 0' to 50' (Truck-Mounted) LAND (VI 3.)	120	Foot	\$ 15.00	\$ 1,800.00
1.5.2 Casing Allowance - 0' to 50' - To keep borehole open in caving soil conditions (VI 5.)	120	Foot	\$ 6.50	\$ 780.00
1.5.3 Grout Seal/Cold Patch Boreholes (3") - 0' to 50'-LAND (VI 4.)	120	Foot	\$ 4.25	\$ 510.00

1.6 Engineering Support Services during Field Work

1.6.1 Staff Engineer for Logging Borings (VIII 4.)	0	hours	\$ 105.00	\$ -
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TOTAL FIELD WORK \$ 4,620.00

2.0 LABORATORY SERVICES (Estimated 1 week to complete)

2.1 Staff Engineer - Classification QC/Verification (VIII 4.)	4	Hour	\$ 105.00	\$ 420.00
2.2 Natural Moisture Test (I 10.)	0	Each	\$ 15.00	\$ -
2.3 Full Grain Size Analysis (III 1.A)	4	Each	\$ 75.00	\$ 300.00
2.4 Fine Content Determination (III 1.B)	6	Each	\$ 45.00	\$ 270.00
2.5 Organic Content Test (I 7.)	6	Each	\$ 45.00	\$ 270.00
2.6 Atterberg Limits (I 5.)	2	Each	\$ 85.00	\$ 170.00

TOTAL LABORATORY SERVICES \$ 1,430.00

TOTAL FIELD & LABORATORY SERVICES \$ 6,050.00

3.0 PROFESSIONAL ENGINEERING AND REPORTING SERVICES (Estimated 2 weeks to complete Lab and Reporting)

3.1 Sr. Geotechnical Engineer, PE (VIII 2.)	6	Hour	\$ 155.00	\$ 930.00
3.2 Engineer, PE (VIII 3.)	20	Hour	\$ 125.00	\$ 2,500.00
3.3 Staff Engineer (VIII 4.)	0	Hour	\$ 105.00	\$ -
3.4 Drafter / CADD (VIII 7.)	6	Hour	\$ 65.00	\$ 390.00

TOTAL PROFESSIONAL SERVICES \$ 3,820.00

TOTAL AMOUNT \$ 9,870.00



ATTACHMENT B - AGREEMENT FOR PROFESSIONAL GEOTECHNICAL SERVICES
STANDARD GENERAL TERMS AND CONDITIONS

This Agreement between **Mathews Consulting Inc ("CLIENT")** and **RADISE International LC ("RADISE")**, a Florida Limited International; 4152 West Blue Heron Blvd., Suite 1114 Riviera Beach, FL 33404 is effective as of the date of signature of the acceptance block of this written proposal. The ordering of Work from RADISE shall constitute acceptance of the terms of RADISE's proposal and these General Conditions. The parties agree as follows:

ARTICLE I – PARTIES AND SCOPE OF WORK - RADISE shall include said company, its individual owners, officers, professionals, employees, agents, division, subsidiary, parent or affiliate and subcontractors performing the Work. "Work" means the specific services to be performed by RADISE as set forth in RADISE's proposal, the CLIENT's acceptance thereof, both incorporated herein by this reference, and these General Conditions. "CLIENT" refers to the person and/or business entity ordering the Work to be done by RADISE. If the CLIENT is ordering the Work on behalf of a third party, the CLIENT represents and warrants that the CLIENT is the duly authorized agent of said third party for the purpose of ordering and directing said Work. In the event CLIENT is not the authorized agent of said third party, CLIENT agrees that he shall be individually liable hereunder. Further, CLIENT shall disclose any such agency relationship to RADISE in writing before the commencement of RADISE's Work hereunder. CLIENT agrees that RADISE's professional duties are specifically limited to the Work as set forth in RADISE's proposal. The CLIENT assumes sole responsibility for determining whether the quantity and the nature of the Work ordered by the CLIENT is adequate and sufficient for the CLIENT's intended purpose. CLIENT shall communicate these General Terms and Conditions to each and every third party to whom the CLIENT transmits any part of RADISE's Work. RADISE's Work is for the exclusive use of CLIENT, and its properly disclosed principal. In no event shall RADISE have any duty or obligation to any third party. No third party shall have the right to rely on RADISE opinions rendered in connection with the Services without RADISE written consent and the third party's agreement to be bound to the same conditions and limitations as CLIENT. In the event that RADISE is requested by CLIENT or is required by subpoena to produce documents or give testimony in any action or proceeding to which CLIENT is a party and RADISE is not a party, CLIENT shall pay RADISE for any time and expenses required in connection therewith, including reasonable attorney's fees.

ARTICLE II – PAYMENT - Payment shall be due within 30 days after the date of invoice. Interest at the rate of 1.5% per month (or the highest rate allowable by law) starting 30 days after date of invoice to date payment is received, may be added to all amounts not paid within 30 days after date of invoice. If payment is not maintained on a thirty (30) day current basis, RADISE shall have the contractual right to suspend further performance of the work until payments are made current. CLIENT shall notify RADISE of any disputed amount within fifteen (15) days from date of the invoice, give reasons for the objection, and shall promptly pay the undisputed amount. All attorney fees and expenses associated with collection of past due invoices will be paid by CLIENT. Failure to timely pay any RADISE invoice shall constitute a waiver of any and all claims by CLIENT or third parties against RADISE.

ARTICLE III – RIGHT-OF-ENTRY - Unless otherwise agreed, CLIENT shall furnish right-of-entry on the property for RADISE to perform the requested testing and/or make the planned borings, surveys, or explorations. RADISE will take reasonable precautions to minimize damage to the property or man-made objects caused by its equipment and sampling procedures, but the cost of restoration or damage repair which may result from the planned and contracted operations, is not included in the contracted amount unless specifically identified and detailed. If the CLIENT desires and requests in writing to restore the property or man-made objects to its former condition, RADISE can accomplish this at an added cost to our fee as approved in advance by the CLIENT.

ARTICLE IV – DAMAGE TO EXISTING MAN-MADE OBJECTS - It shall be the responsibility of the CLIENT or his duly authorized representative, to disclose the presence and accurate location of all hidden or obscure man-made objects relative to field tests, sampling, or boring locations. RADISE will clear field test boring locations with Florida Sunshine One-Call as required by Florida Statutes, as a supplemental disclosure process above that required of the CLIENT. In addition, CLIENT waives any claim against RADISE arising from any damage to land surfaces or existing buried or surficial man-made objects. CLIENT shall: (1) provide RADISE, in writing, all information relating to CLIENT's requirements for the project; (2) correctly identify to RADISE, the location of subsurface structures, such as pipes, tanks, cables and utilities; (3) notify RADISE of any potential hazardous substances or other health and safety hazard or condition known to CLIENT existing on or near the project site; (4) give RADISE prompt written notice of any suspected deficiency in the Services; and (5) with reasonable promptness, provide required approvals and decisions.

ARTICLE V – SAMPLING OR TESTING LOCATIONS - Unless specifically stated to the contrary, the fees included in this proposal do not include costs associated with professional land surveying of the site or the accurate horizontal and vertical locations of tests or for the repair of land damage occurring during the performance of the contracted work. Field tests or boring locations, as described in our report or shown on our sketches, are based on specific information furnished to us by others or estimates of locations made in the field by our inspectors or technicians. Such dimensions, depths or elevations should be considered as approximations unless otherwise stated in the report.

ARTICLE VI – SAMPLE HANDLING AND RETENTION - Generally test samples or specimens are consumed and/or substantially altered during the conduct of tests and RADISE, at its sole discretion, will dispose (subject to the following) of any remaining residue immediately upon completion of test unless required in writing by the CLIENT to store or otherwise handle the samples. (a) NON-HAZARDOUS SAMPLES: At CLIENT's written request, RADISE will maintain free of storage charges, procured test samples and specimens or the residue therefrom, for thirty (30) days after the submission of RADISE's report to CLIENT. After the initial 30 days and upon written request, RADISE will retain test specimens or samples for a mutually acceptable storage charge and period of time. (b) HAZARDOUS OR POTENTIALLY HAZARDOUS SAMPLES: In the event that samples contain substances or constituents hazardous or detrimental to human health, safety or the environment, as defined by federal, state or local statutes, regulations, or ordinances ("Hazardous Substances" and "Hazardous Constituents", respectively), RADISE will, after completion of testing and at CLIENT's expense: (i) return such samples to CLIENT; (j) using a manifest signed by CLIENT as generator, will have such samples transported to a location selected by CLIENT for final disposal. CLIENT agrees to pay all costs associated with the storage, transport, and disposal of such samples. CLIENT recognizes and agrees that RADISE is acting as a bailee for Client and at no time does RADISE assume title or ownership of said waste.

ARTICLE VII – DISCOVERY OF UNANTICIPATED HAZARDOUS MATERIALS - Hazardous materials or certain types of hazardous materials may exist at a site where there is no reason to believe they could or should be present. RADISE and CLIENT agree that the discovery of unanticipated hazardous materials constitutes a changed condition mandating a renegotiation of the scope of work or termination of services. RADISE and CLIENT also agree that the discovery of unanticipated hazardous materials may make it necessary for RADISE to take immediate measures to protect health and safety. RADISE agrees to notify CLIENT as soon as practicable should unanticipated hazardous materials or suspected hazardous materials be encountered. CLIENT encourages



RADISE to take any and all measures that, in RADISE's professional opinion, are justified to preserve and protect the health and safety of RADISE's personnel and the public. CLIENT agrees to compensate RADISE for the additional cost of working to protect employees' and the public's health and safety. In addition, CLIENT waives any claim against RADISE arising from RADISE's discovery of unanticipated hazardous materials or suspected hazardous materials.

ARTICLE VIII – STATEMENT OF WARRANTY - RADISE warrants that it shall perform services for CLIENT in a professional manner, using that degree of care and skill ordinarily exercised by and consistent with the applicable standards of professional care that are being practiced in the profession and in the same or a similar locality as the project. CLIENT recognizes that opinions relating to environmental, geologic, and geotechnical conditions are based on limited site information and data obtained by literature reviews and/or the performance of limited site investigational programs and that actual conditions may vary from those encountered at the times and locations where the data are obtained, despite the use of due professional care. In the event any portion of the services fails to comply with this warranty obligation and RADISE is promptly notified in writing within six (6) months after completion of such portion of the services, RADISE shall be provided the opportunity re- perform and correct such portion of the services, or if re-performance is impracticable, RADISE shall refund the appropriate proportional amount of compensation paid to RADISE for such deficient portion of the services. This warranty is in lieu of any and all other warranties. No other warranty, expressed or implied, including warranties of merchantability and fitness for a particular purpose, is made or intended by the proposal for consulting services, by furnishing an oral response of the findings made or by any representations made regarding the services included in this agreement.

ARTICLE IX – LIMITATION OF LIABILITY - RADISE shall be responsible and liable to CLIENT for RADISE services and the services of RADISE subcontractors engaged in the performance of the work. RADISE shall not be responsible or liable for the acts or omissions of the CLIENT or other parties engaged by CLIENT for their services including but not limited to other engineering reports and data, construction means, methods, techniques, sequences, or procedures, or their health and safety precautions and programs. In no event shall RADISE be liable for any special, indirect, incidental or consequential loss or delay or time-related damages. Neither Party shall be liable to the other for consequential damages, including, without limitation, loss of use or loss of profits, incurred by one another or their subsidiaries or successors or assigns, regardless of whether such damages are caused by breach of contract, willful misconduct, negligent act or omission, or other wrongful act of either of them.

Client is also advised that Florida Statutes (FS), Section 558.0035 - Design professionals; contractual limitation on liability states that 1) A design professional employed by a business entity or an agent of the business entity is not individually liable for damages resulting from negligence occurring within the course and scope of a professional services contract if certain conditions apply. Correspondingly: **PURSUANT TO THIS FS SECTION, AN INDIVIDUAL EMPLOYEE OR AGENT OF RADISE MAY NOT BE HELD INDIVIDUALLY LIABLE FOR NEGLIGENCE.** This release of individual liability applies only so long as any damages are solely economic in nature and the damages do not extend to personal injuries or to property not subject to the contract.

The remedies set forth herein are exclusive and the total liability of RADISE for all claims arising out of the performance of the Work including sole professional negligence including errors, omissions, or other professional acts, and including unintentional breach of contract; or for other causes for which RADISE is determined to have any legal liability in a court of law. Remedies, whether in contract, tort (including negligence whether sole or concurrent), or otherwise arising out of, connected with or resulting from the services provided by RADISE pursuant to this Agreement, shall not exceed the total fees paid to RADISE by CLIENT or \$1,000,000.00, whichever is lessor. CLIENT may, upon written request received within five days of CLIENT's acceptance hereof, increase the limit of RADISE's liability by agreeing to pay RADISE an additional sum as agreed to in writing prior to the commencement of RADISE's services. This charge is not to be construed as being a charge for insurance of any type, but is increased consideration for the greater liability involved.

ARTICLE X – CLIENT INDEMNIFICATION - CLIENT agrees to defend, indemnify and save harmless RADISE from all third party and any FS 558 claims unrelated to our work activities and designs, including but not limited to alleged negligence claims, suits, losses, personal injuries, death and property liability not directly resulting or related to RADISE's performance of the proposed work, whether such claims or damages are allegedly caused in whole or in part by RADISE. CLIENT agrees to reimburse RADISE for expenses in connection with any such claims or suits, including reasonable attorney's fees. CLIENT's obligation to indemnify is limited to \$2 million per occurrence, which CLIENT agrees bears a reasonable commercial relationship to the Work undertaken by RADISE. CLIENT further agrees that these General Terms and Conditions are a part of the Work's specifications or bid documents, if any.

ARTICLE XI – LEGAL JURISDICTION - The parties agree that any actions brought to enforce any provision of this Agreement shall only be brought in a court of competent jurisdiction located in West Palm Beach, Palm Beach County, Florida. All causes of action, including but not limited to actions for indemnification, arising out of RADISE's Work shall be deemed to have accrued and the applicable statutes of limitation shall commence to run not later than either the date of substantial completion of the Work for acts or failures to act occurring prior to substantial completion, or the date of issuance of RADISE's final invoice for acts or failures to act occurring after substantial completion of the Work.

ARTICLE XII – FORCE MAJEURE - An event of "Force Majeure" occurs when an event beyond the control of the Party claiming Force Majeure prevents such Party from fulfilling its obligations. An event of Force Majeure includes, without limitation, acts of God (including floods, hurricanes and other adverse weather), war, riot, civil disorder, acts of terrorism, disease, epidemic, strikes and labor disputes, actions or inactions of government or other authorities, law enforcement actions, curfews, closure of transportation systems or other unusual travel difficulties, or inability to provide a safe working environment for employees. In the event of Force Majeure, the obligations of RADISE to perform the Services shall be suspended for the duration of the event of Force Majeure. In such event, RADISE shall be equitably compensated for time expended and expenses incurred during the event of Force Majeure and the schedule shall be extended by a like number of days as the event of Force Majeure. If Services are suspended for thirty (30) days or more, RADISE may, in its sole discretion and upon 10 days' prior written notice, terminate this Agreement or the affected Work, or both. RADISE shall be compensated for those services performed as of the date of the termination.

ARTICLE XIII – TERMINATION - CLIENT or RADISE may terminate this agreement with or without cause at any time by giving ten (10) days' notice to either party. CLIENT may terminate this agreement for cause by giving ten (10) days' notice to RADISE. Cause is defined as nonpayment of RADISE's invoices and/or unresponsiveness by RADISE to CLIENT's requests. If this agreement is terminated by either party, RADISE shall be compensated for work actually performed and expense incurred up to the date of termination, but in no event more than the amounts set forth in RADISE's proposal for the work. This agreement will terminate automatically upon termination of any Prime Contract related to and associated with the work

oOo

Craig A. Smith & Associates

Utility Locations / Vacuum Excavation
 7777 Glades Road, Suite 410
 Boca Raton, FL 33434



QUOTATION

DATE 12/22/2017
 Quotation # 17-chen-moore-
 Customer ID TBD
 Project # 17-9999-MISC

Customer:
CHEN MOORE

Attn: Suzanne Dombrowski, P.E., ENV SP
 500 Australian Avenue South, Suite 850
 West Palm Beach, FL 33401
 O: +1 561.746.6900, Ext. 1035 | F: +1 561.746.8333 | C: +1 954.650.7996


Quotation valid until: 7/1/2018
 Prepared by: JFD

Comments or Special Instructions:

Perform softdig Services at Belle Glade Zone 3 watermain analysis per scope documents provided
 Softdigs includes the use of GPR/EM equipment, softdig, restoration (sod/asphalt),
 vertical verification form(report/cadd)PSM QA/QC, and any onsite meetings for coordination.

Description of Services to be Performed	Quantity	Unit Price	Unit Total
Mobilization for Softdig Services	1.00	N/C	
Locating with Vacuum Excavation (softdigs) all inclusive	140.00	\$ 550.00	\$ 77,000.00
Administration and meetings	1.00	\$ 6,200.00	\$ 6,200.00
Please see special instructions for softdig breakdown Softdig restoration includes sod, cold patch, and or concrete. Hot mix is NOT part of the restoration cost			
Proposal Total			\$ 83,200.00

Payment Terms are Invoice Net 30. Late Fees of 1.5% per month accrue after 30 days.

Accepted & Approved:	CHEN MOORE	Signing this document constitutes a Contract and Promise to Pay. Customer agrees to pay all charges associated with the work performed. Payment terms are Net 30. Interest on late payments or balances will accrue at the rate of 1.5% per month after 45 days delinquency. CAS reserves all rights to secure payment and Debtor may be liable for all costs associated with collection of outstanding balances including, reasonable Attorney Fees and Court Costs.
	12/22/2017	
Approved	Date	



THANK YOU FOR YOUR BUSINESS!!!
 Phone: 561-314-4445 Fax: 561-314-4457

ATTACHMENT - C

PROJECT SCHEDULE

The completion dates for this work will be as follows (starting from CONSULTANT'S receipt of Notice-to-Proceed).

Project No. WUD 18-002 Consultant Services Authorization No. 3

Project Title: NW Belle Glade Water Main Improvements, Zone 3 Survey and Pipe Assessment

The completion dates for this work will be as follows (starting from CONSULTANT'S receipt of Notice-to-Proceed).

	Activity	Days from NTP
1	FIELD INVESTIGATION AND COORDINATION	
1.1	Survey Coordination	45
1.2	Utility Coordination	45
1.3	Field Verification	60
1.4	Review of Leak Assessment*	30
1.5	Geotechnical Coordination	30
1.6	Coordination with City of Belle Glade	60
1.7	Coordination with PBCWUD	75
2	CONCEPTUAL DESIGN	
2.1	Exhibits	75
2.2	Cost Estimate	90
2.3	Technical Memorandum	90
2.4	Meetings PBCWUD	120
3	Reimbursables	
3.1	Printing	N/A
3.2	Utility Locates	45
3.3	Geotechnical Investigation	30
3.4	Survey	45
Total Project Duration		120

*Note: schedule assumes that leak assessment is completed.

**ATTACHMENT D
SCHEDULE 1**

LIST OF PROPOSED SBE-M/WBE CONSULTANT/SUBCONSULTANTS

PROJECT NAME: __ NW Belle Glade Water Main Improvements, Zone 3 Survey and Pipe Assessment PROJECT NO. __ 18-002
 NAME OF PRIME CONSULTANT: __ Chen Moore and Associates, Inc. ADDRESS: __ 500 Australian Avenue South, Suite 530, West Palm Beach FL 33401
 CONTACT PERSON: _ Suzanne Dombrowski, P.E. PHONE NO.: __ 561.746.6900 x 1035 FAX NO. : _____
 DESCRIPTION OF SERVICES __ Civil Engineering

**PLEASE LIST THE DOLLAR AMOUNT AND PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME ON THIS PROJECT.
 PLEASE ALSO LIST THE DOLLAR AMOUNT AND PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUB-CONSULTANTS ON THIS
 PROJECT. IDENTIFY ALL APPLICABLE CATEGORIES OF CONSULTANT/SUBCONSULTANTS**

Name, Address and Phone Number	(Check one or both Categories)		Consultant/Sub-consultant Dollar Amount and Percentage of Services					Other (Please Specify)	
	<u>M/WBE</u>	<u>SBE</u>	Minority Business	Small	Black	Hispanic	Women		Caucasian
1. Chen Moore and Associates, Inc. 500 Australian Avenue South, #530 West Palm Beach, FL 33401	<input type="checkbox"/>	<input checked="" type="checkbox"/>							Asian \$36,294.11 21.25%
2. Engenuity Group, Inc. 1280 N Congress Ave Suite 101, West Palm Beach, FL 33409	<input type="checkbox"/>	<input checked="" type="checkbox"/>						\$41,450.00 24.27%	
3. Radise International, L.C. 4152 W Blue Heron Blvd #228, Riviera Beach, FL 33404	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							Asian \$9,870.00 5.78%
4. Craig A. Smith & Associates, Inc. 7777 Glades Road, #410 Boca Raton, FL 33434	<input type="checkbox"/>	<input checked="" type="checkbox"/>						\$83,200.00 48.70%	
5.	<input type="checkbox"/>	<input type="checkbox"/>							
(Please use additional sheets if necessary)									
Total SBE-M/WBE Participation <u>__ 100.00</u> %				Total				\$124,650.00	\$46,164.11

NOTE: 1. The percentages listed on this form must be supported by the sub-consultant included on Schedule 2 in order to be counted toward goal attainment.
 2. Firms may be certified by Palm Beach County as an SBE and/or M/WBE

**OSBA SCHEDULE 2
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE CONSULTANT/SUBCONSULTANT**

This document must be completed by ALL SBE-M/WBE's and submitted with this CSA. Specify in detail, the particular consulting services to be performed and the dollar amount and/or percentage for each services. SBE credit will only be given for services which the SBE-M/WBE's is certified to perform. Failure to properly complete Schedule 2 will result in your SBE participation not being counted.

PROJECT NUMBER: 18-002 PROJECT NAME: NW Belle Glade Water Main Improvements, Zone 3 Survey and Pipe Assessment

TO: Chen Moore and Associates, Inc.
(Name of Prime Consultant)

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Small Business Enterprise Minority Business Enterprise _____
Black _____ Hispanic _____ Women _____ Caucasian _____ Other (Please Specify) ASIAN

Date of Palm Beach County Certification: 6/9/2014

The undersigned is prepared to perform the following described consulting services in connection with the above project and will enter into a formal agreement for work with you, conditioned upon execution of a contract with Palm Beach County.

Additional Sheets May Be Used As Necessary

(Specify in detail the particular consulting services thereof to be performed)

Civil Engineering

Total SBE-M/WBE Participation 21.25 %

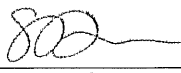
If undersigned intends to sub-subcontract any portion of this job to a certified SBE-M/WBE or a non-SBE sub-consultant, please list the name of that sub-consultant and the amount below.

Price or Percentage _____
(Name of Sub-consultant)

The Prime Consultant affirms that it will monitor the SBE-M/WBE listed to ensure the SBE-M/WBE perform the services with their own work force. The undersigned SBE-M/WBE Prime or SBE-M/WBE sub-consultant affirms that it has the resources necessary to perform the work listed without subcontracting to a non-certified SBE or any other certified SBE sub-consultants except as noted above.

The undersigned sub-consultant understands that the provision of this form to the Prime Consultant does not prevent sub-consultant from providing quotations to other.

Chen Moore and Associates (Prime)
Print name of
SBE-M/WBE Sub-consultant

By: 
(Signature)

Suzanne Dombrowski, Senior Engineer and West Palm Beach Branch Manager
Print name/title of person executing on behalf
of SBE-M/WBE

Date: 12/8/2017

**OSBA SCHEDULE 2
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE CONSULTANT/SUBCONSULTANT**

This document must be completed by ALL SBE-M/WBE's and submitted with this CSA. Specify in detail, the particular consulting services to be performed and the dollar amount and/or percentage for each services. SBE credit will only be given for services which the SBE-M/WBE's is certified to perform. Failure to properly complete Schedule 2 will result in your SBE participation not being counted.

PROJECT NUMBER: 18-002 PROJECT NAME: NW Belle Glade Water Main Improvements, Zone 3 Survey and Pipe Assessment

TO: Chen Moore and Associates, Inc.
(Name of Prime Consultant)

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Small Business Enterprise Minority Business Enterprise _____
Black _____ Hispanic _____ Women _____ Caucasian Other (Please Specify) _____

Date of Palm Beach County Certification: 2/5/2016

The undersigned is prepared to perform the following described consulting services in connection with the above project and will enter into a formal agreement for work with you, conditioned upon execution of a contract with Palm Beach County.

Additional Sheets May Be Used As Necessary

(Specify in detail the particular consulting services thereof to be performed)

Land Surveying

Total SBE-M/WBE Participation 24.27 %

If undersigned intends to sub-subcontract any portion of this job to a certified SBE-M/WBE or a non-SBE sub-consultant, please list the name of that sub-consultant and the amount below.

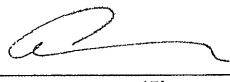
Price or Percentage \$5,000 Statewide Land Title, Inc.- Certified SBE
(Name of Sub-consultant)

The Prime Consultant affirms that it will monitor the SBE-M/WBE listed to ensure the SBE-M/WBE perform the services with their own work force. The undersigned SBE-M/WBE Prime or SBE-M/WBE sub-consultant affirms that it has the resources necessary to perform the work listed without subcontracting to a non-certified SBE or any other certified SBE sub-consultants except as noted above.

The undersigned sub-consultant understands that the provision of this form to the Prime Consultant does not prevent sub-consultant from providing quotations to other.

_____ Engenuity Group, Inc.

Print name of
SBE-M/WBE Sub-consultant

By: 

(Signature)

C. Andre Rayman, PSM/President

Print name/title of person executing on behalf
of SBE-M/WBE

Date: December 7, 2017

**OSBA SCHEDULE 2
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE CONSULTANT/SUBCONSULTANT**

This document must be completed by ALL SBE-M/WBE's and submitted with this CSA. Specify in detail, the particular consulting services to be performed and the dollar amount and/or percentage for each services. SBE credit will only be given for services which the SBE-M/WBE's is certified to perform. Failure to properly complete Schedule 2 will result in your SBE participation not being counted.

PROJECT NUMBER: 18-002 PROJECT NAME: NW Belle Glade Water Main Improvements, Zone 3 Survey and Pipe Assessment

TO: Chen Moore and Associates, Inc.
(Name of Prime Consultant)

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Small Business Enterprise Minority Business Enterprise
Black Hispanic Women Caucasian Other (Please Specify) Asian

Date of Palm Beach County Certification: 10/21/04 - 10/31/17

The undersigned is prepared to perform the following described consulting services in connection with the above project and will enter into a formal agreement for work with you, conditioned upon execution of a contract with Palm Beach County.

Additional Sheets May Be Used As Necessary

(Specify in detail the particular consulting services thereof to be performed)

geotechnical engineering

Total SBE-M/WBE Participation 5.78 %


If undersigned intends to sub-subcontract any portion of this job to a certified SBE-M/WBE or a non-SBE sub-consultant, please list the name of that sub-consultant and the amount below.

Price or Percentage _____
(Name of Sub-consultant)

The Prime Consultant affirms that it will monitor the SBE-M/WBE listed to ensure the SBE-M/WBE perform the services with their own work force. The undersigned SBE-M/WBE Prime or SBE-M/WBE sub-consultant affirms that it has the resources necessary to perform the work listed without subcontracting to a non-certified SBE or any other certified SBE sub-consultants except as noted above.

The undersigned sub-consultant understands that the provision of this form to the Prime Consultant does not prevent sub-consultant from providing quotations to other.

RADISE International, LC

Print name of
SBE-M/WBE Sub-consultant
By: 
(Signature)

Kumar A. Allady, PE, CEO
Print name/title of person executing on behalf
of SBE-M/WBE

Date: 12/08/17

OSBA SCHEDULE 2
LETTER OF INTENT TO PERFORM AS AN SBE-M/WBE CONSULTANT/SUBCONSULTANT

This document must be completed by ALL SBE-M/WBE's and submitted with this CSA. Specify in detail, the particular consulting services to be performed and the dollar amount and/or percentage for each services. SBE credit will only be given for services which the SBE-M/WBE's is certified to perform. Failure to properly complete Schedule 2 will result in your SBE participation not being counted.

PROJECT NUMBER: 18-002 PROJECT NAME: NW Belle Glade Water Main Improvements, Zone 3 Survey and Pipe Assessment

TO: Chen Moore and Associates, Inc.
(Name of Prime Consultant)

The undersigned is certified by Palm Beach County as a - (check one or more, as applicable):

Small Business Enterprise Minority Business Enterprise _____
Black _____ Hispanic _____ Women _____ Caucasian _____ Other (Please Specify) _____

Date of Palm Beach County Certification: 1/16/2015

The undersigned is prepared to perform the following described consulting services in connection with the above project and will enter into a formal agreement for work with you, conditioned upon execution of a contract with Palm Beach County.

Additional Sheets May Be Used As Necessary

(Specify in detail the particular consulting services thereof to be performed)

Subsurface utility engineering

Total SBE-M/WBE Participation 48.70 %

If undersigned intends to sub-subcontract any portion of this job to a certified SBE-M/WBE or a non-SBE sub-consultant, please list the name of that sub-consultant and the amount below.

Price or Percentage _____
(Name of Sub-consultant)

The Prime Consultant affirms that it will monitor the SBE-M/WBE listed to ensure the SBE-M/WBE perform the services with their own work force. The undersigned SBE-M/WBE Prime or SBE-M/WBE sub-consultant affirms that it has the resources necessary to perform the work listed without subcontracting to a non-certified SBE or any other certified SBE sub-consultants except as noted above.

The undersigned sub-consultant understands that the provision of this form to the Prime Consultant does not prevent sub-consultant from providing quotations to other.

Craig A. Smith & Associates, Inc.
Print name of
SBE-M/WBE Sub-consultant
By: [Signature]
(Signature)
Craig A. Smith, SVP
Print name/title of person executing on behalf
of SBE-M/WBE
Date: 12/22/17

ATTACHMENT - F

AUTHORIZATION STATUS REPORT

SUMMARY OF SBE / MINORITY BUSINESS TRACKING

	Total	SBE
Current Proposal		
Value of Authorization No. 3	\$170,814.11	
Value of SBE Letters of Intent	\$170,814.11	\$170,814.11
Actual Percentage	100.00%	100.00%
Signed/Approved Authorizations		
Total Value of Authorizations	\$20,246.16	
Total Value of SBE Signed Subcontracts	\$13,071.16	\$13,071.16
Actual Percentage	64.56%	64.56%
Signed/Approved Authorizations Plus Current Proposal		
Total Value of Authorizations	\$191,060.27	
Total Value of Subcontracts & Letters of Intent	\$183,885.27	\$183,885.27
Actual Percentage	96.24%	96.24%
GOAL	100%	100%

