

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date:	March 10, 2015	Consent <input checked="" type="checkbox"/> [X] Public Hearing <input type="checkbox"/> []	Regular <input type="checkbox"/> []
Department:	Water Utilities Department		

I. EXECUTIVE BRIEF

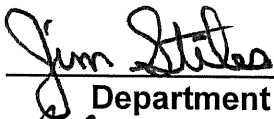
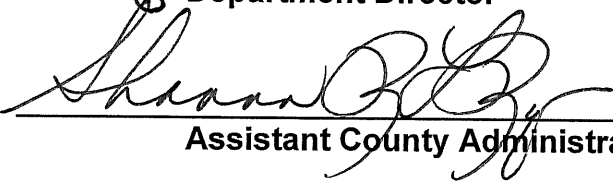
Motion and Title: Staff recommends motion to approve: Consultant Services Authorization (CSA) No. 6 for South West Belle Glade Water Main Improvement, Zone 2 East project with Keshavarz & Associates, Inc., (R2014-0824), in the amount of \$138,945.

Summary: On June 3, 2014, the Board of County Commissioners (BCC) approved the Water Utilities Department (WUD) Engineering/Professional Services Contract with Keshavarz & Associates, Inc. (R2014-0824). CSA No. 6 provides for services relating to the surveying, design and permitting of water main replacements in the southwest area of the City of Belle Glade designated Zone 2 East. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance (R2002-0064) is 15% overall. The contract with Keshavarz and Associates, Inc. provides for SBE participation of 95%. This Authorization includes 89.92% overall participation. The cumulative SBE participation is 97.67% overall. Keshavarz & Associates, Inc. is a Palm Beach County company. (WUD Project No. 14-015) District 6 (JM).

Background and Justification: On January 15, 2013, (R2013-0094) the BCC approved the First Amendment to the Interlocal Agreement by and among Palm Beach County and the Cities of Belle Glade, Pahokee and South Bay (R2009-1033 thru R2009-1035). Through this Amendment, Palm Beach County committed to make a capital contribution of \$17,500,000 to repair and replace parts of the utility system in the City of Belle Glade in the first five (5) years following the transfer date. WUD has designated an area of improvement and divided it into six (6) zones according to improvement priorities. Zone 2 was given the second highest priority based on the number of main breaks, leaks, age and pipe capacity, as well as fire protection improvement requirements.

Attachments:

- 1. Location Maps
- 2. Two (2) Original CSA No. 6

Recommended By:		2-17-15
	Department Director	Date
Approved By:		2/24/15
	Assistant County Administrator	Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures	<u>\$138,945.</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>\$138,945.</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 4011 Dept 721 Unit W038 Object 6543

Is Item Included in Current Budget? Yes X No

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: Delia M West

III. REVIEW COMMENTS

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

2/9 2/9 OFMB 2/9/15 Contract Development and Control 2/18/15

B. Legal Sufficiency:

Assistant County Attorney 2/19/15

C. Other Department Review:

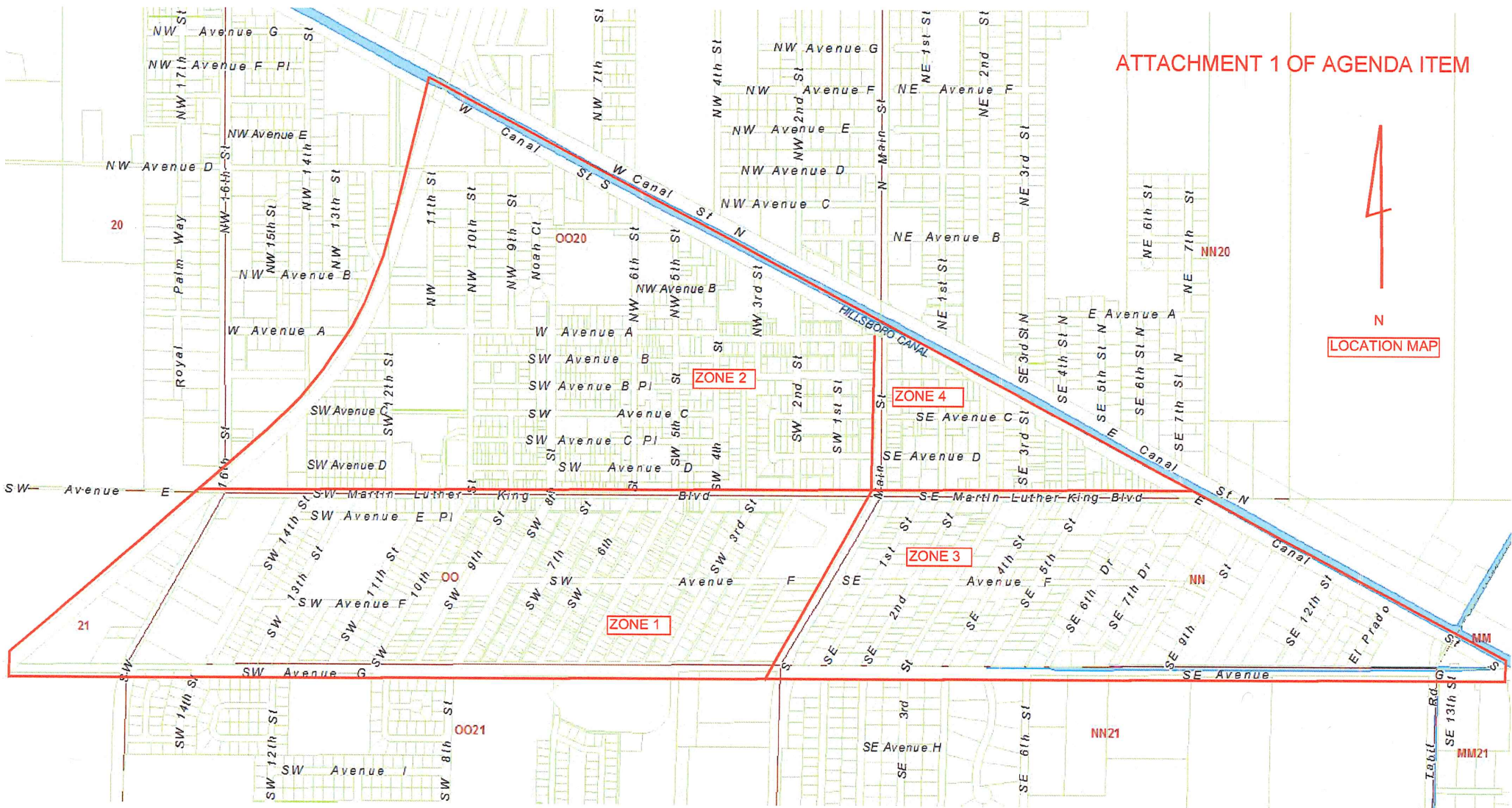
Purchasing Department Director

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

4

N

LOCATION MAP

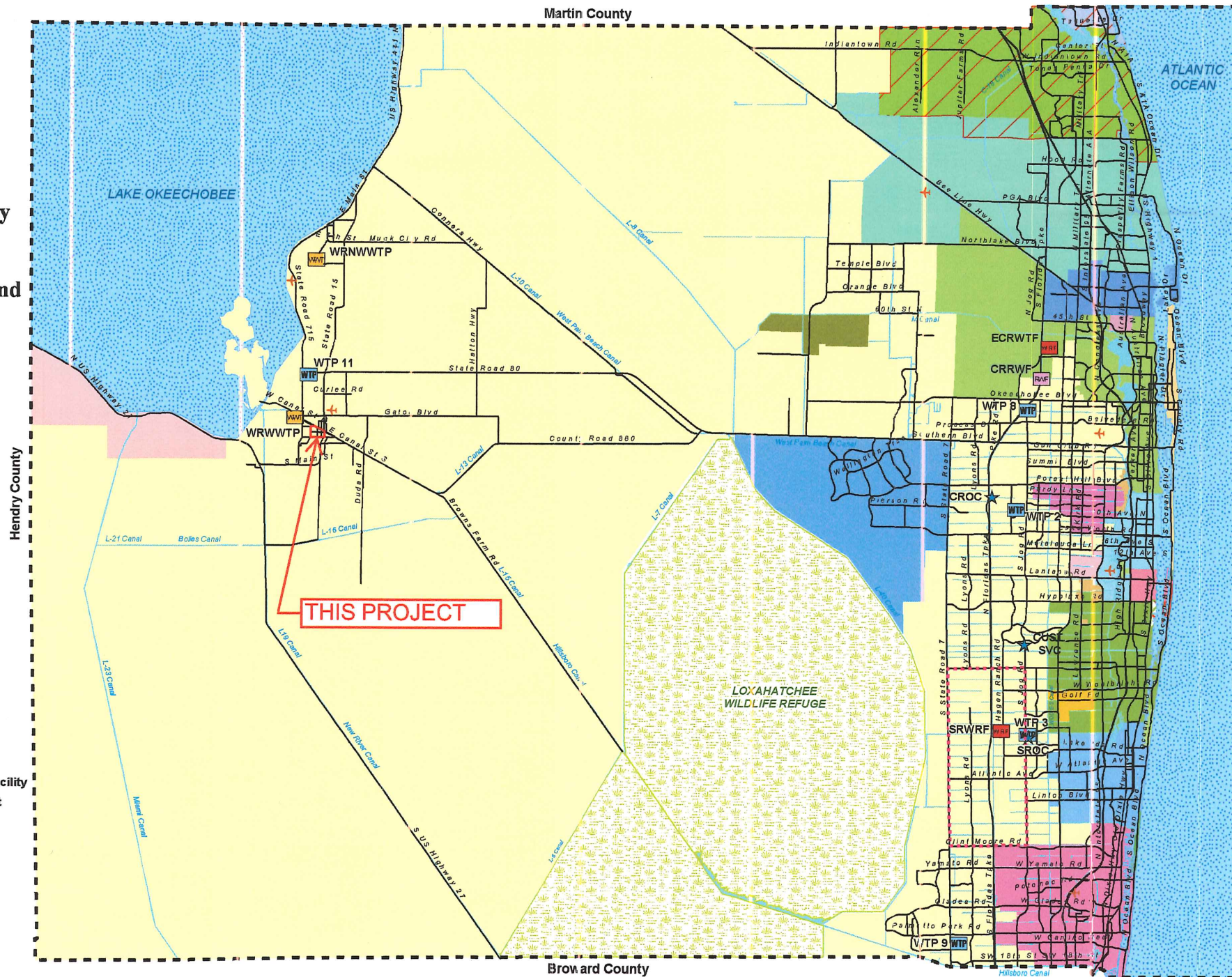


LOCATION MAP



Palm Beach County Water Utilities Department Service Area (SA) and Major Facilities

Attachment 1



Legend

-  Administration
-  Water Treatment Plant
-  Reclamation Facility
-  Wastewater Reclamation Facility
-  Wastewater Treatment Plant
-  Mandatory Reclaimed SA
-  Palm Beach County Limits
-  P.B.C.W.I. D. Service Area



NOT TO SCALE

CONSULTANT SERVICES AUTHORIZATION NO. 6 ✓

Project No. WUD 14-015 ✓

Budget Line Item No. 4011-721-W038-6543 ✓

Project Title: SW Belle Glade Watermain Improvement, Zone 2 EAST ✓

District No.: 6 ✓

THIS CONSULTANT SERVICES AUTHORIZATION #6 to the Contract for Consulting/Professional Services dated June 3rd, 2014 with an effective date of June 4th, 2014 (R2014-0824), 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 95% SBE participation overall. This Consultant Services Authorization includes 89.92% overall participation. The cumulative SBE participation, including this authorization is 97.67% overall. Additional authorization will be utilized to meet or exceed the stated overall participation goal.

1. CONSULTANT: Keshavarz & Associates, Inc. ✓
2. ADDRESS: 711 N Dixie Highway, Suite 201, West Palm Beach, FL 33401 ✓
3. Description of Services to be provided by the Consultant:
Survey and Design services in connection with the SW Belle Glade Watermain Improvement/Replacement project Zone 2 EAST

See ATTACHMENT A.

4. Services completed by the Consultant to date (Summary and Status of Authorizations):

See ATTACHMENT E.

5. Consultant shall begin work promptly on the requested services.
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 \$ _____
 - B. Fixed price of \$ 138,945.00 ✓
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 14-015 Consultant Services Authorization No. 6

Project Title SW Belle Glade Watermain Improvement, Zone 2 EAST

8. As described in Section 7.5 of the CONTRACT, 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 3rd, 2014 remain in full force and effect.

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: _____
Shelley Vana, Mayor

JCS

Typed Name: _____
Deputy Clerk

_____ Date

Approved as to Form and Legal
Sufficiency

Signed: _____

Typed Name: _____
County Attorney

CONTRACTOR: Keshavarz & Associates, Inc.

ATTEST: _____
Witness

(Signature)

Deborah L. Fulgenzi, Administrator
(Name and Title)

Maziar Keshavarz, P.E., President
(Name and Title)

(CORPORATE SEAL)

Date 12/31/14

LIST OF ATTACHMENTS

Project No. WUD 14-015 Consultant Services Authorization No. 6

Project Title SW Belle Glade Watermain Improvement, Zone 2 EAST

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

ATTACHMENT A

CONSULTANT SERVICE AUTHORIZATION NO. 6

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT ENGINEERING/PROFESSIONAL SERVICES

SCOPE OF WORK FOR

SW Belle Glade Watermain Improvement, Zone 2 EAST WUD 14-015

INTRODUCTION

Palm Beach County (COUNTY) entered into an agreement entitled Contract for Engineering/ Professional Services - Palm Beach County Utilities Department Project No. WUD 14-005 (CONTRACT) with Keshavarz & Associates, Inc (CONSULTANT) to provide engineering services for various general activities on (Reference Document R2014-0824). This Consultant Service Authorization will be performed under that CONTRACT.

This Consultant Services Authorization encompasses providing watermain replacement design for a WUD project on the area described as Zone 2 EAST in Belle Glade.

BACKGROUND

This scope of work is for water main replacement to enhance the system reliability and improve water service for the City of Belle Glade.

SCOPE OF SERVICES

CONSULTANT shall proceed with the surveying, right of way mapping, drafting and design engineering services necessary to prepare detailed drawings for the project in accordance with the Palm Beach County Water Utilities Department Minimum Engineering and Construction Standards.

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT WILL BE RESPONSIBLE FOR THE FOLLOWING ITEMS:

1. The County will provide the Consultant record drawings on the existing potable water, reclaim water and sanitary water mains
 2. The County will provide the Consultant preliminary water main plan with water main sizing and perform all required hydraulic modeling (if necessary)
 3. The County will provide the Consultant consolidated review comments on the 60% and 90% design drawings within two (2) weeks of receipt from Consultant.
 4. Palm Beach County Water Utilities Department will be responsible for all construction and final certification services required for the project.
-

Task 1 SURVEY AND MAPPING

The Consultant shall pick up and locate all scanned areas and all pothole locations and shall coordinate directly with our Subconsultant, InfraMap's, field personnel. Additionally, Consultant shall coordinate potholing results and exchange information with WUD and incorporate those results and information into the design drawings.

The Consultant shall coordinate with the Client in order to obtain WUD GIS water meter locations and upon receipt, will depict same on the survey and construction drawings.

Task 2 WATERMAIN REMOVAL AND REPLACEMENT DESIGN

The Consultant will prepare and furnish the plans on 24" x 36" drawings. The Consultant shall submit 60%, 90% and 100% complete design drawings. Consultant service shall include the following:

1. Provide design in plan view only for proposed water main and abandonment of existing water facilities (excluding sequencing, line-stop, abandonment and maintenance of service plan).
2. The Consultant shall submit three (3) sets of black line drawings during the 60% and 90% levels of plan completion.
3. Upon receipt of all comments, Consultant shall provide the final design (100% complete package) in the format described above, including cover sheets and detail sheets for project. The Consultant shall submit one set of the 100% design black line drawings. The Consultant will also provide the AutoCAD Release 2007 computer-drawing files on CD-Rom or through the Internet.

Task 3 PERMITTING

The Consultant shall consult with the appropriate permitting agencies to determine potential permitting requirements. Agencies anticipated to have jurisdiction of the project include: City of Belle Glade, Palm Beach County Water Utilities Department (PBCWUD), Palm Beach County Land Development, Palm Beach County Fire Rescue, FDOT, and Palm Beach County Health Department.

Permit applications shall be completed as required for the above agencies. Associated permit application fees shall be determined by Consultant and paid by PBCWUD.

In addition to preparing the permit applications for appropriate regulatory agencies, Consultant shall assist the PBCWUD in consultations with the appropriate authorities. Consultant services shall include the following:

1. Attend pre-application meetings with the staff of each regulatory agency required.
2. Attend meetings with each of the regulatory agencies during review of the final permit applications as required.
3. Respond to request(s) for additional information from each regulatory agency.
4. Provide County with one (1) set of approved plans from permitting agencies as may be applicable.
5. Prepare Permit Applications (PBCWUD to provide hydraulic calculations/data as may be required by Health Department or others).

REIMBURSEABLE EXPENSES

Printing, Reproduction, Deliveries, Transportation, etc.

ATTACHMENT B

BUDGET SUMMARY

KESHAVARZ & ASSOCIATES, INC.
Palm Beach County Water Utilities Department

WUD 14-015

KA Project No. 14-1059

10/28/2014

Affected Area: 10,075 LF of Roadway containing Watermain

SW Belle Glade Watermain Replacement, Zone 2 EAST WUD No. 14-015				Phase 1: Survey of Roadway Containing Watermain				
	Senior Project Manager \$/hr	Project Engineer \$/hr	Engr/ Surv CAD Tech \$/hr	Senior PSM \$/HR	Project Surveyor \$/HR	Survey Crew \$/hr	Admin \$/hr	
TASK 1: SURVEYING AND MAPPING								
	\$175.00	\$125.00	\$82.00	\$120.00	\$80.00	\$145.00	\$75.00	
Field acquisition of water meter locations from WUD GIS data and coordination of same; depict findings on survey and construction drawings	0.0	4.0	8.0	0.0	2.0	0.0	0.0	\$1,316.00
Field acquisition of Watermain, services and associated pothole areas (by our Subconsultant, InfraMap, estimated at 40), and coordinate with same; depict findings on survey and construction drawings	4.0	10.0	12.0	6.0	18.0	0.0	2.0	\$5,244.00
TOTAL Hours Task 1: Surveying and Mapping	4.0	14.0	20.0	6.0	20.0	0.0	2.0	\$6,560.00
FEE Estimate	\$700.00	\$1,750.00	\$1,640.00	\$720.00	\$1,600.00	\$0.00	\$150.00	\$6,560.00
TASK 2: WATER MAIN AND SERVICE REPLACEMENT DESIGN								
Project Progress Meetings (4 Meetings)	8.0	12.0	0.0	0.0	0.0	0.0	2.0	\$3,050.00
Field visit (2 Trips)	5.0	10.0	0.0	0.0	0.0	0.0	0.0	\$2,125.00
60% Design - All of 30% Design as modified by WUD comments plus conflicts/crossings/deflections identified, WUD details finalized, potholing completed, including phased submittals	40.0	140.0	160.0	0.0	0.0	0.0	12.0	\$38,520.00
90% Design - All of 60% Design as modified by WUD comments, conflicts resolved, crossings and deflections detailed / Internal QA/QC	40.0	130.0	140.0	0.0	0.0	0.0	8.0	\$35,330.00
100% Design - All of 90% Design as modified by WUD comments, Complete Documents	20.0	50.0	40.0	0.0	0.0	0.0	4.0	\$13,330.00
TOTAL Hours Task 2: Water Services / WM Removal / Replacement Design	113.0	342.0	340.0	0.0	0.0	0.0	26.0	\$92,355.00
FEE Estimate	\$19,775.00	\$42,750.00	\$27,880.00	\$0.00	\$0.00	\$0.00	\$1,950.00	\$92,355.00
TASK 3: PERMITTING								
Permitting (FDEP, City of Belle Glade, FDOT, PBC Land Development and PBC Fire Rescue)	36.0	100.0	40.0	0.0	0.0	0.0	22.0	\$23,730.00
TOTAL Hours Task 3: Permitting	36.0	100.0	40.0	0.0	0.0	0.0	22.0	\$23,730.00
FEE Estimate	\$6,300.00	\$12,500.00	\$3,280.00	\$0.00	\$0.00	\$0.00	\$1,650.00	\$23,730.00
TOTAL PROFESSIONAL SERVICES	\$122,645.00							
Reimburseables (by Subconsultant, InfraMap (40 potholes, 2 days of scanning)	\$14,000.00							
Reimburseables (Printing, Reproduction, Mileage, etc.)	\$2,300.00							
TOTAL FEE	\$138,945.00							



Date: December 9, 2014

Presented to: Keshavarz & Associates, Inc.
711 North Dixie Highway Suite 201
West Palm Beach, FL 33401
Phone No.: 561-689-8600
Fax No.: 561-689-7476

Attn: Scott Serra, P.E.

Project name: Utility Targeting and Preliminary Test Hole Services
Belle Glade Water Service Replacement
Zone 2 East (PN 13327 Addendum III)

As requested, we have prepared this proposal for underground utility targeting test hole services for the above referenced project. This proposal is based upon emails, phone conversations and plans received at our office between 12/08/2014.

SUBSURFACE UTILITY TARGETING SERVICE

Specifications and Work Process

In the performance of subsurface utility targeting, InfraMap Corp. proposes to:

1. Utilize client provided records from utility companies, unless stated as an IMC function in the scope statement. Gathered materials will be used as an aid in the identification of the number, identity, size and material of utilities located in the field, and will not be used as a substitute for actual geophysical location unless the system cannot be verified electronically using industry standard techniques for this level of investigation.
2. Conduct a thorough electronic search of the site for the buried utility systems shown on records acquired. Verify that each utility has been electronically located and targeted. Also, conduct an electronic grid sweep of the site to search for utilities that do not appear on available records, and attempt to determine type. This investigation will be accomplished using active and passive type utility detection gear that detects induced or naturally occurring energy fields present on conductive utilities. This investigation includes a ground penetrating radar sweep. The targeting of subsurface utilities, although highly reliable, is expressly understood to represent an approximate location of the target facility as marked on the ground surface. The accuracy of this targeting is subject to certain factors beyond our control such as limitations of available technology and field conditions that may include, but are not limited to: depth of utility, electrical conductivity of utility, site conditions and access. Where nonconductive or non-locatable utilities are present, we will attempt to use all available information to place targeting in the field for those systems and generate notes for each such utility.
3. Designators will draft field sheets that show the location, trend and configuration of utilities detected. Field sheets will show all underground utility surface features and lines, and will be prepared with colored pencil to differentiate the utility systems. Utilities will be annotated with size and project specific field notes will be shown.

4. Field sheets will be provided to the project surveyors. Survey and computer drafting will be performed by others.
5. If the client provides IMC with plots of the utility file with referenced topography, IMC will provide a final office and/ or field review. The type of review will be determined on a project by project basis depending on complexity, unless specifically prearranged. Plots or plot files being given to IMC for review should show the utilities in color with base topography grayed.
6. This service will be provided with due diligence and in a manner consistent with standards of the subsurface utility mapping industry. Every reasonable effort will be made to locate all systems of interest whether indicated on records available to us or not. However, we do not guarantee that all existing utility systems can or will be detected. It may not be possible to detect utilities without prior knowledge, such as systems that are not depicted on records available to us. Further, this service is not intended to detect non-utility structures such as but not limited to: foundations, buried tanks, septic systems, wells, tunnels, concrete or metal structures, or the true size and limits of subsurface utility vaults and manholes. This service represents the best available data on subsurface utilities given a cost effective investigation that does not involve excavation. Use of this service does not relieve interested parties from their responsibility to make required notifications prior to excavation. Use of this service does not relieve utility owners of their responsibility to mark the location of their facilities prior to excavation. InfraMap Corp. will not be responsible for damages to utilities caused by others.

SUBSURFACE UTILITY LOCATING BY AIR/VACUUM TEST HOLE

The intent of the proposed test hole service is to provide the actual horizontal and vertical location of existing utilities or structures at the point of interest by air/ vacuum excavation to facilitate the identification and resolution of potential design conflicts and aid in the protection of these facilities during construction.

During the performance of test hole operations, IMC will perform the following functions:

1. Supply qualified personnel and provide them with the appropriate equipment, resources, transportation and field supplies to perform the requested services.
 2. Coordinate with the client to determine what test holes are needed and their expected locations.
 3. Coordinate with inspectors, property owners, "ONE CALL" and others as required. Comply with all laws and regulations concerning excavation. Obtain all permits needed to perform the test holes.
 4. Determine in the field the actual location of the proposed improvements in possible conflict with existing utilities. This shall be accomplished by using the plan supplied by the client.
 5. At the approximate point of possible conflict with the proposed improvement, excavate a test hole using air/ vacuum excavation. Provide all measures necessary to perform the work safely and to cause no damage to the utility structure. The test hole will be of the minimum size required to expose the utility of interest and record the following information:
 - a. Depth below grade (cover).
 - b. Utility material, shape and overall condition.
 - c. Approximate diameter of pipes, cables, conduits and the configuration of multiple conduit systems.
 - d. The general directional trend of the utility.
 - e. Thickness, type and condition of paving material.
 - f. General soil conditions.
-

6. Install a permanent survey marker directly over the centerline of pipes or edge of concrete structures or conduit banks at grade. Indicate on the Test Hole Form the placement of the marker relative to the utility cross section.
7. Backfill test hole with excavated material in 6" lifts by air pneumatic tamping. Soil placed within 1 foot of the exposed utility will be clean and tamped carefully. Backfill materials will be adequately compacted to prevent later subsidence of the test hole. Provide select backfill materials, such as insulating sands and gravels, when needed. Restore test hole area to original condition. Ribbon of appropriate APWA/ULCC color will be installed in the backfill from utility to grade.
8. Repair and restore all pavement cuts to insure a long lasting, permanent repair. Guarantee patch for 1 year and return to repair within that time if test hole sinks more than 1/2" below original grade (permanent marker). In the event that the permitting agency does not accept cold patch as permanent repair, it is the responsibility of the client/permit holder to provide for restoration and compaction of the hole to the complete satisfaction of the permitting agency.
9. Record the location of the permanent marker with a minimum of three (3) swing tie measurements to convenient existing permanent structures on site.
10. Provide project surveyors with copies of field test hole forms and field sheets to aid survey of the test hole locations.
11. Cadd Test Hole Forms. Also, provide a Test Hole Inventory report to list numerically the test holes completed/ attempted.
12. Technical limitations of small hole Air/Vacuum excavation:

In order to provide a cost effective service that causes minimal disturbance to site amenities and utilities, and is acceptable to permitting agencies, the size of the test hole excavation is kept to a minimum. A nominal size of 64 square inches (8" x 8") is the assumed size of the average test hole. Given this size excavation, the following limitations are stated for the benefit of the designer in choosing test hole locations.

- a. The bottom/invert of pipes and large diameter cables and conduits is not directly available in most test holes. The point of measurement of these utilities is typically the crown or shallowest point on the utility. Invert information is derived from crown cover plus diameter.
 - b. The diameter of most pipes greater than 24" cannot be recovered directly from the test hole. The diameter of pipes less than 24" is determined by exposing half or all of the pipe, as needed, and directly measuring the outside diameter with a wooden rule to the nearest 1/2". If pipe diameter is critical on larger than 24" pipes, it may be necessary to perform additional holes. This type of investigation falls outside of the normal scope of test hole services and needs to be requested specifically.
 - c. Encased systems and non-encased conduit banks are typically exposed on one edge. This allows the test hole to be excavated down the side of the utility until a discernable bottom edge can be evaluated. Although it is usually possible to determine the bottom edge of these systems, it is not possible to determine conditions under these or other utility systems, such as concrete overpour and other utilities. It is important for the designer to remember that the bottom edge of an encased system or unencased conduit bank may not represent its lowest point, and that the shape of the system may not be the same on both sides. The width of these systems may not be determined from a single test hole. Encased systems and unencased conduit banks may require two test holes to document the width (and both sides top and bottom elevations).
-

13. This service will be provided with due diligence and in a manner consistent with standards of the sub-surface utility locating industry. Every reasonable effort will be made to locate all utilities requested. However, we do not w guarantee that all existing utility systems can be located or exposed. It may not be possible to detect utilities without prior knowledge, such as systems that are not depicted on records available to us. Further, this service is not intended to locate non-utility structures such as but not limited to: foundations, buried tanks, septic systems, wells, tunnels, concrete or metal structures etc., unless specifically mentioned in the SCOPE statement. This service represents the best available data on sub-surface utilities given a cost effective investigation using air/vacuum excavation. Use of this service does not relieve interested parties from their responsibility to make required notifications prior to excavation. Use of this service does not relieve utility owners of their responsibility to mark the location of their facilities prior to excavation. InfraMap Corp. will not be responsible for damages to utilities caused by others. InfraMap Corp. is not responsible for utilities located underneath other utilities. If records research is not part of the scope of services, utility owners or their field agent's marks will be used to identify utilities; we are not responsible for correcting mistakes made by other locators.

SCOPE OF SERVICES

Project limits/description: Belle Glade Water Service Replacement , Zone 2 East

Utility systems and surface amenities to be investigated and documented: All utilities, Including gravity storm and sanitary sewer systems

Survey type: Survey to be performed by others.

CADD platform: AutoCAD or Microstation, as required.

Project schedule: To be completed within (20) business days, weather permitting.

Project Estimate:

Test Holes: 40 @ \$300.00 per/each = \$12,000.00

Targeting (8 hrs. per day): 2 days @ \$1,000.00 per/each = \$ 2,000.00

Total Project Estimate: = \$14,000.00

Billing will reflect actual number of test holes performed and depth encountered. The above fees represent a lump sum (designating) and unit prices (test holes) to perform this work. The total price is based on the project and limits described. Should the scope of the project change or field conditions unknown to us at this time warrant, we will request additional compensation for additional work beyond this price. This price will not be exceeded without prior authorization from the client.

PAYMENT TERMS

Terms of payment are subject to modification by seller (IMC). Buyer (client) agrees to make prompt payment of invoices due in accordance with Seller's approved terms, whether for complete or partial services. Terms: Net 30 days from completion of work and receipt of invoice. If payment is contingent upon Buyer being paid by a "Third Party" for services, InfraMap, Corp. (IMC) must be notified immediately of the name and address of the "Third Party". Buyer will submit invoices to the "Third Party" in a timely manner and IMC will receive payments from Buyer within 15 days of Buyer being paid. If this is not the case then IMC reserves the right to modify this clause to reflect a revised payment schedule.

Late Charge: A late payment service charge equal to 1.5% per month or the maximum charge allowed by applicable law, whichever is lower, shall be assessed on all amounts not paid when due. All accounts are net 30 days unless specifically agreed upon in writing.

Delinquency Collections: In the event Buyer fails to pay for any services when due, or should Buyer's account become otherwise delinquent, or in the event of Buyer's bankruptcy or insolvency, or in the event of Buyer's breach of this Agreement, then in any such event Seller may, at its option: (i) terminate any or all existing contracts; (ii) refuse to perform services under this or any other order; and/or (iii) avail itself of any other further remedies available to it at law or in equity. Buyer agrees to pay all cost of collection, including reasonable attorney's fees.

Presented by: _____

Jay Scagliola
InfraMap, Corp.

12-9-14
Date

Accepted: _____

Authorized Signature

12, 9, 14
Date

ATTACHMENT - C

PROJECT SCHEDULE

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

<u>Engineering Services</u>	<u>Completion Date From Notice to Proceed</u>
TASK 1: SURVEYING & MAPPING	30 BUSINESS DAYS
TASK 2: ENGINEERING DESIGN	150 BUSINESS DAYS

ATTACHMENT D

SCHEDULE #1

LIST OF PROPOSED SBE-M/WBE PRIME/SUBCONSULTANTS

PROJECT NAME:

SW Belle Glade WM Improvement, Zone 2 EAST

PROJECT NUMBER: 14-015

NAME OF PRIME BIDDER Keshavarz & Associates, Inc.

ADDRESS: 711 N. Dixie Highway, Suite 201, West Palm Beach, FL 33401

CONTACT PERSON: Maziar Keshavarz, P.E.

PHONE NO. 561-689-8600 FAX NO. 561-689-7476

BID OPENING DATE: _____

DEPARTMENT Water Utilities

PLEASE IDENTIFY ALL APPLICABLE CATEGORIES

Name, Address and Telephone Number of Minority Consultant	(Check one or both Categories)		Dollar Amount							
	Minority Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)			
Keshavarz & Associates, Inc. 711 N Dixie Hwy, #201, WPB FL 33401 (561) 689-8600	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	\$	\$	\$		\$124,945			
	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$				
	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$				
	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$				
	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$	\$			
	<input type="checkbox"/>	<input type="checkbox"/>	\$	\$	\$	\$	\$			
PRIME CONSULTANT TO COMPLETE:		TOTAL	\$	-	\$	-	\$	-	\$	124,945.00
BID PRICE:		\$138,945.00	Total Value of SBE Participation:		\$	124,945.00				

- NOTE:
1. The amount listed on this form for a Subconsultant must be supported by price or percentage included on Schedule 2 or a proposal from each Subconsultant listed in order to be counted toward goal attainment.
 2. Firms may be certified by Palm Beach County as an SBE and/or an M/WBE. If firms are certified as both an SBE and M/WBE, please indicate the dollar amount under the appropriate category.
 3. M/WBE information is being collected for tracking purposes only.

ATTACHMENT D

SCHEDULE 2

LETTER OF INTENT TO PERFORM AS AN SBE OR M/WBE SUBCONTRACTOR

PROJECT NO. WUD 14-015 PROJECT NAME: SW Belle Glade WM Improvement Zone 2 EAST

TO: Keshavarz & Associates, Inc.
(Name of Prime Bidder)

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

Small Business Enterprise X

Minority Business Enterprise X

Black Hispanic Women Caucasian Other (Please Specify) X

Date of Palm Beach County Certification: May 15, 2013

The undersigned is prepared to perform the following described work in connection with the above project
(Specify in detail, particular work items or parts thereof to be performed):

Line Item/Lot No.	Item Description	Qty / Units	Unit Price	Total Price
<u>1</u>	<u>Surveying & Mapping</u>	<u>1.00</u>	<u> </u>	<u>\$ 6,560.00</u>
<u>2</u>	<u>Watermain/Services Design</u>	<u>1.00</u>	<u> </u>	<u>\$ 92,355.00</u>
<u>3</u>	<u>Permitting</u>	<u>1.00</u>	<u> </u>	<u>\$ 24,580.00</u>
<u> </u>	<u>Reimburseables</u>	<u>1.00</u>	<u> </u>	<u>\$ 2,300.00</u>
<u> </u>	<u>Reimburseables (InfraMap)</u>	<u>1.00</u>	<u> </u>	<u>\$ 14,000.00</u>

at the following price

\$ 138,945.00
(Subcontractor's quote)

And will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

If undersigned intends to sub-subcontract any portion of this subcontract to a non-certified SBE subcontractor, the amount of any such subcontract must be stated: \$ 14,000.00.

The undersigned subcontractor understands that the provision of this form to prime bidder does not prevent subcontractor from providing quotations to other bidders

Keshavarz & Associates, Inc.
(Print Name of SBE-M/WBE Subcontractor)

By: [Signature]
(Signature)

Maziar Keshavarz, P.E., President
(Print name/title of person executing on
behalf of SBE-M/WBE Subcontractor)

Date: 12/31/14

ATTACHMENT - E

AUTHORIZATION STATUS REPORT

SUMMARY AND STATUS OF REQUESTS FOR AUTHORIZATIONS

Auth. No.	Description	Status	Project Total Amount	SBE Total Amount	SBE Participation %	Approved By	Date Approved	WUD No. Assigned	Consultant's Project No.
1	Aerial Crossing Replacements in Belle Glade –Priority 1	60%	\$87,468.00	\$81,068.00	92.68%	CRC	8/06/2014	14-092	14-1047
2	SW Belle Glade Watermain Replacement, Zone 2 EAST	100%	\$82,231.00	\$82,231.00	100%	CRC	10/08/2014	14-015	13-1026
3	SW Belle Glade Watermain Replacement, Zone 2 WEST	100%	\$49,906.00	\$49,906.00	100%	Bevin Beaudet	9/24/2014	14-015	13-1026
4	SW Belle Glade Water Services Replacement Project, Zone 1, Phase 2 Construction Phase Services	0%	\$430,446.00	\$430,446.00	100%		Pending	13-060	13-1010
5	Belle Glade Water Services Replacement, SE Avenue G, Construction Phase Services	0%	\$167,722.00	\$167,722.00	100%		Pending	14-015	13-1025
1.1	Aerial Crossing Replacements in Belle Glade, Priority 1, Title Search, Coordination and Review	0%	\$2,420.00	\$495.00	20.45%	Jim Stiles	10/20/2014	14-092	14-1047
6	SW Belle Glade Watermain Replacement Zone 2 EAST	0%	\$138,945.00	\$124,945.00	89.92%		Pending	14-015	14-1059
	Rev. 12-09-14								
Total			\$ 959,138.00						

ATTACHMENT - F

AUTHORIZATION STATUS REPORT
UTILITY DISTRIBUTION & COLLECTION SYSTEM CONSULTING SERVICES

SUMMARY OF
SBE / MINORITY BUSINESS TRACKING SYSTEM

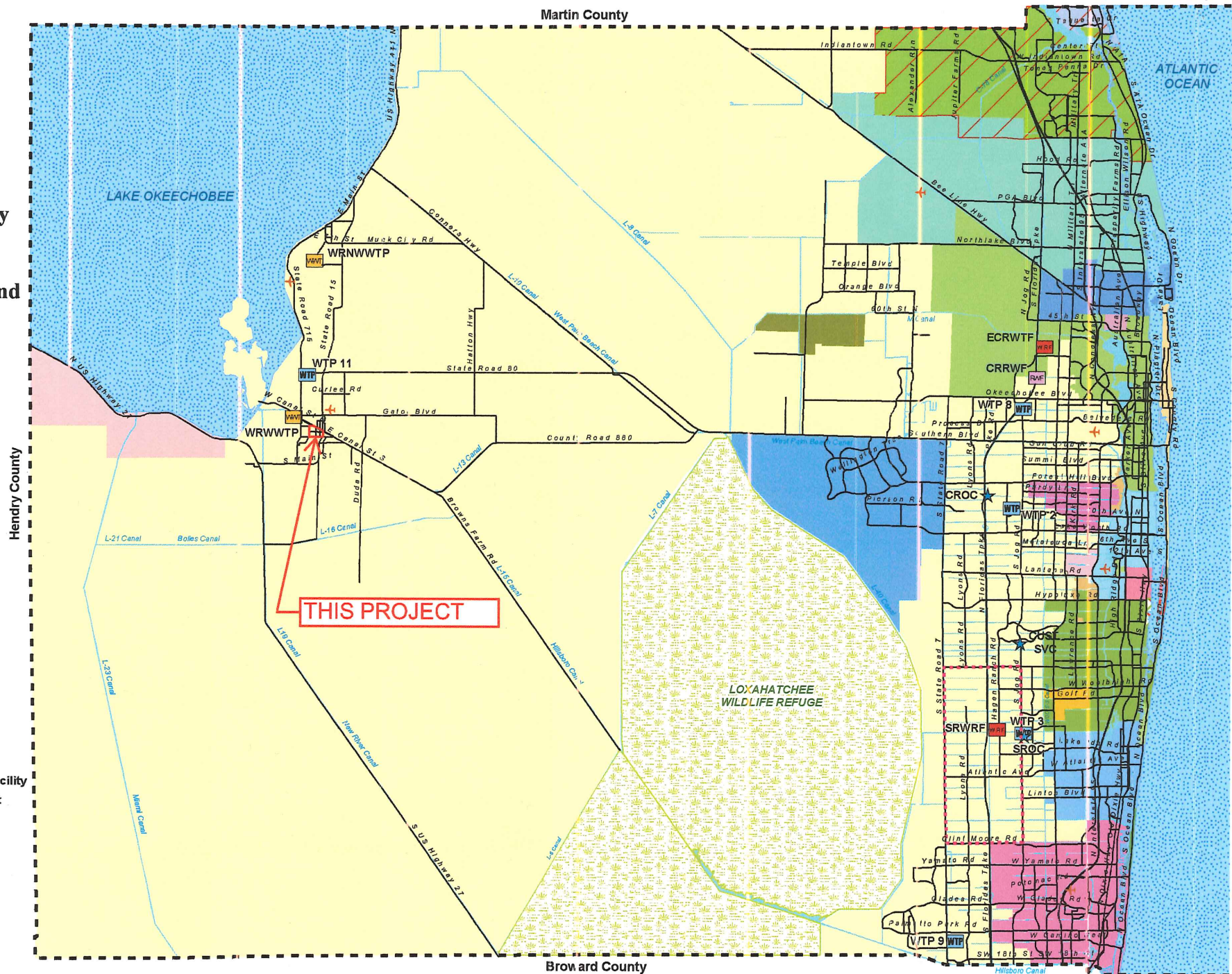
	Total	SBE
Current Proposal		
Value of CSA No. 6	\$ 138,945.00	
Value of M/WBE Letters of Intent	\$ 124,945.00	\$ 124,945.00
Actual Percentage	89.92%	89.92%
Pending Proposals		
Value of CSA No. 4, 5	\$ 598,168.00	
Value of M/WBE Letters of Intent	\$ 598,168.00	\$ 598,168.00
Actual Percentage	100%	100%
Signed Authorizations		
Total Value of Authorization No. 1, 2, 3, 1.1	\$222,025.00	
Total Value of M/WBE Signed Subcontracts	\$213,700.00	\$213,700.00
Actual Percentage	96.25%	96.25%
Signed Authorizations Plus Current Proposals		
Total Value of Authorizations	\$ 959,138.00	
Total Value of Subcontracts & Letters of Intent	\$ 936,813.00	\$ 929,550.00
Actual Percentage	97.67%	97.67%
GOAL	95%	95%



LOCATION MAP (ATTACHMENT G)



Palm Beach County Water Utilities Department Service Area (SA) and Major Facilities



- Legend**
- ★ Administration
 - WTP Water Treatment Plant
 - RAVF Reclamation Facility
 - WRVF Wastewater Reclamation Facility
 - WWTP Wastewater Treatment Plant
 - Mandatory Reclaimed SA
 - - - Palm Beach County Limits
 - P.B.C.W.U. D. Service Area

