Agenda Item <u>#3K-3</u>

### PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS

### AGENDA ITEM SUMMARY

Meeting Date: March 10, 2020

Consent [X] Regular [ ] Public Hearing [ ]

Department: Water Utilities Department

## I. EXECUTIVE BRIEF

**Motion and Title: Staff recommends motion to approve: A)** Contract with D.B.E. Management, Inc., d/b/a DBE Utility Services (DBE) for the Water Main Replacement at Belvedere Road and Florida's Turnpike (Project) in the amount of \$1,435,016.44 and **B)** Amendment No. 1 to the Consulting/Professional Services for the CD03 Water Distribution System Improvements Contract with Keshavarz and Associates, Inc. (Consultant) for a not to exceed amount of \$148,135.40.

**Summary:** On September 25, 2019, the Water Utilities Department (WUD) received five (5) bids for the Project. The Project includes a horizontal directional drill (HDD) under the Florida's Turnpike to replace an aging and failing 16-inch water main on the north side of Belvedere Road. DBE was the lowest responsive and responsible bidder in the amount of \$1,435,016.44. The Project provides for the extension of a new 16-inch potable water main on the south side of Belvedere Road between Skees Road and North Cleary Road. The Project was presented to the Goal Setting Committee on August 7, 2019, and a minimum mandatory 20% Small Business Enterprise (SBE) subcontracting goal was the Affirmative Procurement Initiative (API) applied to this Project. DBE has met the established API for this Project. The Contract with DBE provides for 50.3081% SBE participation. DBE is a Palm Beach County Company.

On September 13, 2016, the Board of County Commissioners approved the WUD Contract (R2016-1170) with Consultant to provide Consulting/Professional Services for the CD03 Water Distribution System Improvements. Amendment No. 1 to the Contract with Consultant provides for construction phase services for the Project. The Contract with Consultant was procured under the requirements of the 2002 SBE Ordinance (R2002-0064) prior to the adoption of the new Equal Business Opportunity Ordinance on October 16, 2018. The SBE participation goal established by the 2002 SBE Ordinance was 15% overall participation. The Contract with Consultant provides for 100% SBE participation. Amendment No. 1 includes 100% SBE participation. The cumulative SBE participation including Amendment No.1 is 100%. Consultant is a Palm Beach County Company. The Project is included in the WUD FY20 Budget. (WUD Project No. 15-102) District 2 (MJ).

**Background and Justification:** The existing water main to be replaced under the Project has reached the end of its useful life. The Project is needed to restore the service life, increase hydraulic efficiency, and improve the reliability and redundancy of the water distribution system.

### Attachments:

- 1. Four (4) Originals of Contract for D.B.E. Management, Inc., d/b/a DBE Utility Services
- 2. Location Map
- 3. Revised Bid Tabulation Sheet
- 4. Compliance Review from OEBO
- 5. Certificate of Liability Insurance for D.B.E. Management, Inc., d/b/a DBE Utility Services
- 6. Three (3) Originals of Amendment No. 1 with Keshavarz & Associates, Inc.
- 7. Certificate of Liability Insurance for Keshavarz & Associates, Inc.

Recommended By:	Jim Stiles	2-12-2020
	<b>Department Director</b>	Date
Approved By:	hlif John	2 14/2020
	Assistant County Administrator	Date

# II. FISCAL IMPACT ANALYSIS

# A. Five Year Summary of Fiscal Impact:

•							
Fiscal Years	2020	2021	2022	2023	2024		
Capital Expenditures Operating Costs External Revenues Program Income (County)	<u>\$1,583,152</u> 0 0 0 0 0	00000		00000	00000		
In-Kind Match County	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>		
NET FISCAL IMPACT	<u>\$1,583,152</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.: F	und <u>4011</u>	Dept. <u>721</u>	Unit <u>W031</u>	Object <u>6543</u>			
Is Item Included in Current I	Budget?		Yes X No				
Does this item include the u	Does this item include the use of federal funds? Yes No X						
Reporting Category <u>N/A</u>							
B. Recommended Sources of Funds/Summary of Fiscal Impact:							
One (1) time expenditure from user fees, connection fees and balance brought forward.							
C. Department Fiscal F	Review:	5		- (ษ			
III. REVIEW COMMENTS							
A. OFMB Fiscal and/or	1.12020		Control Comm	facolit	2-113 DDZ		
B. Legal Sufficiency:				-			

B. Legal Sufficiency:

13/2020 Assistant County Attorney

C. Other Department Review:

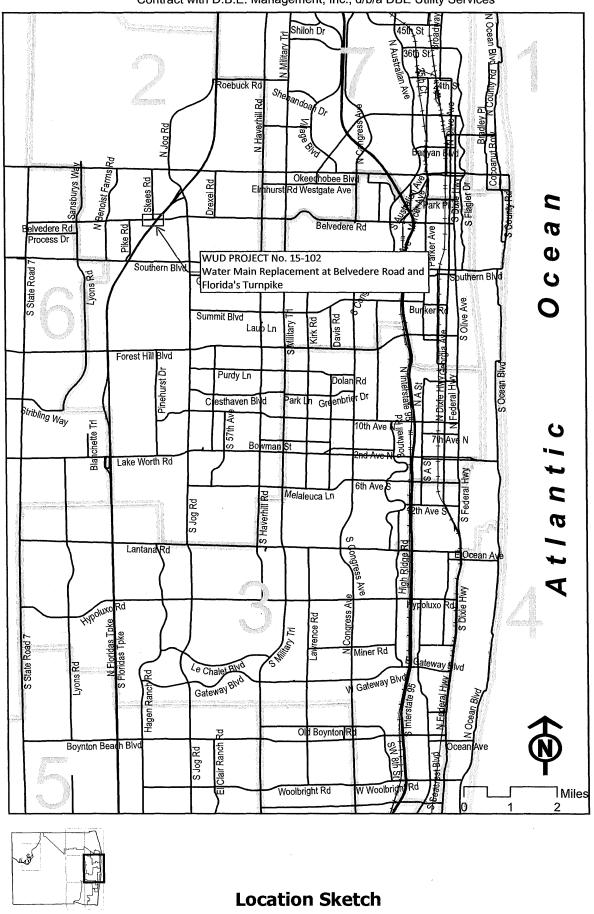
Department Director

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

# **Project Location**

**ATTACHMENT 2** 

Water Main Replacement at Belvedere Road and Florida's Turnpike Contract with D.B.E. Management, Inc., d/b/a DBE Utility Services



TITLE BID#	15-102			eplaceme		AGE <u>1</u>		ſ	<b>REVISEI</b> 11:57 am, Sej		
	1	actors and nent, LLC	Inc., dba D	anagement, DBE Utility vices		quipment e, Inc.		tility & on Corp.	T B La Construc		
BASE BID R.E.	\$ 1,534,53	8,560.00 5.00			\$1,367	,213.00	\$1,208	160.31	\$ 1,482	\$ 1,482,507.0	
Addendum #1	Y	Ν	Y	N	Ŷ	N	Ŷ	N	(Y)	N	
Attachment #1 BID BOND	see buck Y	N	Ŷ	N	Ŷ	N	Ŷ	N	Ŷ	N	
Attachment #2 SBE-M/WBE Schedules	Ý	N	Y	N	Y	N	$\bigcirc$	Ν	Ý	N	
Attachment #3 Certification of Business Location	Ŷ	N	Y	N	Ŷ	N	Ŷ	N	Ŷ	N	
Attachment #3a Certification of Business Location – Glades Contractor	Y	N	Ŷ	N	Y	N	Ŷ	N	Ŷ	N	
Attachment #4 List of Subcontractors	(Y)	N	Ŷ	N	Ŷ	N	$\bigcirc$	N		N	
Attachment #5 Trench Safety	Ŷ	N	Ŷ	N	Ŷ	N	Ŷ	N	Y	N	
Attachment #6 Minimum Experience Requirements	Ŷ	N	Ŷ	N	Ŷ	N	Ŷ	N	(Y)	N	

\* Bid form Bond - Attachment 1 was submitted but not on County Form - County Attorney Will determine if acceptable or not



10/15/2019

DATE :

Ralph Estime, Pipeline Design Section TO: Water Utilities, Engineering Division THRU: Allen F. Gray, Manager Inity (OEBO) Office of Equal Busines Angie Whitaker, SBDS I FROM: Office of Equal Busines Opportunity (OEBO)

SUBJECT: Compliance Review on Project No. WUD 15-102 CD03 Phase 2: Water Main Replacement at Belvedere Road and Florida's Turnpike

The following bid have been evaluated according to the provisions set forth for the Affirmative Procurement Initiatives (API) for Construction: 20% minimum mandatory SBE participation, established for the above-mentioned project, which opened September 25, 2019, and was calculated on the base bid amounts listed on the Bid Tabulation sheets.

Low Bidder: Phone: Bid Amount: SBE Participation:	R.P. Utility & Excavation Corp. 17680 NW 78 <sup>th</sup> Ave., Ste 101 Hialeah, FL 33015 (786)577-6666 \$1,208,160.31 <b>8.399%</b>
(SB)Utility Supply A	Assoc.(60%) \$101,485.464 8.399%
2 <sup>nd</sup> Low Bidder:	Metro Equipment Service, Inc. 9425 SW 72 Street, Suite #150 Miami, FL 33173
Phone:	(305)740-3303
Bid Amount:	\$1,367,213.00
SBE Participation:	15.0456%

(SB) Engenuity Group	\$ 6,517.0
(set midemarch group	φ 0,01/.0
	* * * * * * * * * * * * * * * * * * * *

(SB)Engenuity Group	\$   6,517.00	.4766⊰
(SB)Utility Supply Assoc.(60%)	\$ 199,200.00	14.569⊰
	\$ 338,517.00	15.0456%

1

Office of **Equal Business Opportunity** 50 South Military Trail, Suite 202 West Palm Beach, FL 33415 (561) 616-6840 www.pbcgov.com/oebo



Palm Beach County **Board of County** Commissioners

Mack Bernard, Mayor

Dave Kerner, Vice Mayor

Hal R. Valeche

Gregg K. Weiss

Robert S. Weinroth

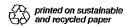
Mary Lou Berger

Melissa McKinlay

#### **County Administrator**

Verdenia C. Baker

"An Equal Opportunity Affirmative Action Employer\*





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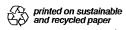
Mary Lou Berger

Melissa McKinlay

#### **County Administrator**

Verdenia C. Baker

"An Equal Opportunity Affirmative Action Employer"



3rd Low Bidder:	D.B.E. Management, Inc. dba
	DBE Utility Services
	13387 Bryan Rd.
	Loxahatchee, FL 33470
Phone:	(561)508-3708
Bid Amount:	\$1,435,016.44
<b>SBE</b> Participation:	50.3081%

1(SB)B & B Underground Const., Inc. \$ 721,930.40 50.3081%

#### EVALUATION:

The Low Bidder, R.P. Utility & Excavation Corp., has not met the API, (20% minimum mandatory SBE participation) set for this project.

The 2nd Low Bidder, Metro Equipment Service, Inc., has not Met the API, (20% minimum mandatory SBE participation) set for this project.

The 3<sup>rd</sup> Low Bidder, D.B.E. Management, Inc. dba DBE Utility Services, has met the API, (20% minimum mandatory SBE participation) set for this project.

C: David Behar, Assistant County Attorney Angie Whitaker, SBDS II

**1B:B** Underground Construction - Although vendor listed \$792,610.40 in SBE participation, bid items 3,31,32,33,36,37,38,39,540 were deducted, and no credit was given for these items as B&B Construction is not certified for these services.

2

Client#	- 83	25	ATTACH	MENT 5	DBEU	гі		
			TE OF LIABIL	ITY INSU			-	1/DD/YYYY) <b>/2020</b>
THIS CERTIFICATE IS ISSUED AS A MA CERTIFICATE DOES NOT AFFIRMATIVE BELOW. THIS CERTIFICATE OF INSUR/ REPRESENTATIVE OR PRODUCER, AN	ELY C	DR N	EGATIVELY AMEND, EXTE ES NOT CONSTITUTE A CO	ND OR ALTER TH	IE COVERAG	E AFFORDED BY THE P	OLICI	ES
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RODUCER ERVOS GROUP INC 4724 Farmbrook				ONTACT AME: HONE A/C, No, Ext): <b>248 35</b> -MAIL	5-4411	FAX (A/C, No): 2	248 3	5-2175
O Box 2067 Southfield, MI 48037-2067						ORDING COVERAGE		NAIC #
ISURED		· •		NSURER A : National Fire				35289
D.B.E. MANAGEMENT, INC DBE UTILITY SERVICES	. 06	A		NSURER C : Zurich Americ		any		16535 20508
13387 Bryan Road		_	-	NSURER D : Valley Forge	insurance company			20300
Loxahatchee Groves, FL 3				NSURER F :				
OVERAGES CER THIS IS TO CERTIFY THAT THE POLICIES			NUMBER:	BEEN ISSUED TO		REVISION NUMBER:	POLIC	
INDICATED. NOTWITHSTANDING ANY REC CERTIFICATE MAY BE ISSUED OR MAY P EXCLUSIONS AND CONDITIONS OF SUCH	QUIRE ERTA POLI	MEN IN, T CIES.	T, TERM OR CONDITION OF HE INSURANCE AFFORDED LIMITS SHOWN MAY HAVE	ANY CONTRACT OF BY THE POLICIES BEEN REDUCED F	R OTHER DOO DESCRIBED H BY PAID CLAI	CUMENT WITH RESPECT T	о мн	ICH THIS
R ITPE OF INSURANCE	ADDL INSR	WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)		LIMITS		
CLAIMS-MADE X OCCUR	X	Х	6016779312	03/31/2019	03/31/2020	DAMAGE TO DENTED	\$1,00 \$100,	
X Contractual							\$15,0	
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AUTOMOBILE LIABILITY	X	X	6016779357	03/31/2019	03/31/2020		。 \$1,00 \$	0,000
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							\$	
X         UMBRELLA LIAB         X         OCCUR           EXCESS LIAB         CLAIMS-MADE	X	X	6016779343	03/31/2019	03/31/2020		\$5,00	0,000 0,000
DED X RETENTION \$10,000							\$ <u></u>	0,000
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?	N/A	X	6018627222	03/31/2019	03/31/2020		\$1,00	0,000
(Mandatory in NH) If yes, describe under						E.L. DISEASE - EA EMPLOYEE		
DESCRIPTION OF OPERATIONS below			CPP4198317	08/13/2019	08/13/2020	E.L. DISEASE - POLICY LIMIT \$300,000 max each i		0,000
Equipment Scheduled Equip.					00,10,2020	Deductible \$5,000 See Below	(on)	
ESCRIPTION OF OPERATIONS / LOCATIONS / VEHI			-		• •	ired)		
Re: WUD Project No. 15-102 - CD03				ovements - Pha	se 2: Wate	r Main		
Replacement at Belvedere Road and Palm Beach County, Board of Coun				bdivision of the	State of Flo	orida. Palm		
Beach County Water Utilities Depart	-							
dditional Insured(s) with respects See Attached Descriptions)	to th	e Ge	eneral Liability on a prin	nary and non-co	ontributory	basis		
				CANCELLATION SHOULD ANY OF	THE ABOVE D	ESCRIBED POLICIES BE CA	NCELL	ED BEFORI
Palm Beach County Water Utilities Dept.				THE EXPIRATIO	N DATE TH	EREOF, NOTICE WILL BI		
Director Utilities Engine	erin	9						
8100 Forest Hill Blvd.		-		AUTHORIZED REPRES	ENTATIVE			
West Palm Beach, FL 3	3413	i		and over				
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# **DESCRIPTIONS (Continued from Page 1)**

including completed operations as where required by written contract, for the work performed by the Named Insured for the Certificate Holder. A Waiver of Subrogation applies in favor of the Additional Insured(s). Written 30 Day notice of cancellation shall be provided by the issuing carrier. Palm Beach County, Board of county Commissioners, a political subdivision of the Sate of Florida are named as Additional Insured(s) and Loss Payee with respects to the Inland Marine/Transit.

SAGITTA 25.3 (2014/01) 2 of 2 #S439155/M436819

#### AMENDMENT NO. 1 TO

## PALM BEACH COUNTY WATER UTILITIES DEPARTMENT CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES CD03 WATER DISTRIBUTION SYSTEM IMPROVEMENTS PROJECT NO. WUD 15-102

This Amendment is made this day of \_\_\_\_\_\_, 20\_\_\_\_, by and between Palm Beach County, a Political Subdivision of the State of Florida, by and through its Board of County Commissioners, hereinafter referred to as the COUNTY, and Keshavarz & Associates, Inc. [] an individual, [] a partnership, [X] a corporation authorized to do business in the State of Florida, hereinafter referred to as the CONSULTANT, whose Federal I.D. is 65-0012481.

In consideration of other mutual promises contained herein, the COUNTY and the CONSULTANT agree that the Contract for Consulting/Professional Services entered into by the parties on September 13, 2016, and referenced by County Resolution Number R2016-1170 (hereinafter "The Contract"), is amended as follows:

- Additional services shall be provided as outlined in Exhibit A1 attached hereto and made a part thereof to encompass the Construction Phase Services for the 16-inch Water Main Replacement at Belvedere Road and Florida's Turnpike, including a Horizontal Direction Drill (HDD) underneath Florida's Turnpike and deactivations of the existing water main within Belvedere Road.
- 2. The compensation in the Contract shall be increased by the fixed fee amount of \$148,135.40 as outlined in Exhibit B1.
- 3. Exhibit C1, Fee Schedule to the Contract, is not modified by this Amendment.
- 4. The project schedule as depicted in the Contract was to be completed in five (5) years and is not modified by this Amendment. The Project Schedule as presented in Exhibit D1 is the 210 calendar day duration for which the scope of services included in this Amendment is to be performed.
- 5. The Office of Equal Business Opportunity (OEBO) Schedule 1 and Schedule 2 documents are contained in Exhibit E1 attached hereto and made a part hereof for the additional services contained in this Amendment.

All other provisions in the Contract remain unchanged and in full force and effect.

IN WITNESS WHEREOF, the Board of County Commissioners of Palm Beach County, Florida, has made and executed this Amendment No. 1 on behalf of the COUNTY and CONSULTANT has hereunto set its hand the day and year above written.

REVISED 1/2/20

#### AMENDMENT NO. 1 TO

## PALM BEACH COUNTY WATER UTILITIES DEPARTMENT CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES CD03 WATER DISTRIBUTION SYSTEM IMPROVEMENTS PROJECT NO. WUD 15-102

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 ATTEST:

Signed:\_\_\_\_

Typed Name:

Deputy Clerk

Date

Signed:

CONSULTANT: Keshavarz & Associates, Inc.

Dave Kerner, Mayor

Approved as to Form and Legal Sufficiency

Signed: \_\_

(Signature)

Typed Name: \_\_\_\_\_ County Attorney

STATE OF FLORIDA

Randy Wertepny, PE, Vice President Engineering (Name and Title)

2020

Palm Beach County, Board

of County Commissioners

Date

COUNTY OF Palm Blach The foregoing instrument was acknowledged before me by means of D physical presence or D online notarization, this <u>I</u>day of <u>JANWARY</u> , 2020, by Rand Nor who is 🗹 as identification. personally known to me or 
has produced (Signature of Notary Public - State of Florida) borah tral RENU DEBORAH L. FULGENZI (Print, Type, or Stamp Commissioned Name of Notary Public otary Public - State of Florida Commission # GG 175704 My Comm. Expires Jan 28, 2022 led through National Notary Assn.

REVISED 1/2/20

Jes

# EXHIBIT A1 SCOPE OF SERVICES

#### AMENDMENT NO. 1 TO

## PALM BEACH COUNTY WATER UTILITIES DEPARTMENT CONTRACT FOR CONSULTING/PROFESSINAL SERVICES CD03 WATER DISTRIBUTION SYSTEM IMPROVEMENTS PROJECT NO. WUD 15-102

#### BACKGROUND

Amendment No. 1 encompasses providing services related to construction of the 16-inch Water Main Replacement at Belvedere Road and Florida's Turnpike. The work includes a horizontal directional drill underneath Florida's Turnpike and deactivations of the existing water main within Belvedere Road.

CONSULTANT shall perform:

#### SCOPE OF SERVICES

CONSULTANT shall act as the "Engineer of Record" (EOR) during construction of the project and provide customary construction administration services, field observations, construction exhibits as necessary, and will coordinate with all entities involved.

The project involves the replacement of a 16-inch Ductile Iron Pipe (DIP) water main along the south side of Belvedere Road, from Skees Road to Cleary Road. This project includes the installation of an 18-inch High-density Polyethylene (HDPE) water main within a 36-inch HDPE casing via HDD underneath Florida's Turnpike and deep excavations within Belvedere Road for the deactivation of the existing main at Skees Road and west of Cleary Road. The deep excavations will likely require large portions of Belvedere Road to be closed to all or most traffic, which may require overnight construction work. The HDD operation will likely require 24-hour construction observation during the final passes of the reamer and pullback of the casing.

CONSULTANT shall provide field observation and office administration for substantial conformance to the CONSULTANT's approved plans. These services shall be performed as needed to the level determined by CONSULTANT. The CONSULTANT will provide proper technical representation for Palm Beach County Water Utilities Department (WUD) during construction and submit Statements of Completion to the applicable jurisdictional agencies. The CONSULTANT will also provide liaison services with regulating agencies and WUD's Contractor (CONTRACTOR).

The completed project will substantially conform with requirements contained in the approved drawings, specifications and regulatory agency permits. CONSULTANT will not be responsible for the work of the CONTRACTOR or others. CONSULTANT will not be responsible for construction means, methods, sequences, procedures, schedule or safety measures selected by CONTRACTOR or others. CONSULTANT will not provide full time construction observation, but will keep in close contact with the CONTRACTOR and WUD's project manager with respect to the project's progress, towards conducting routine and regular site visits to observe the CONTRACTOR's in-progress and completed work whenever possible and/or deemed necessary by the CONSULTANT.

Page 1 of 4

This regular coordination will give the CONSULTANT the opportunity to be present at the site during critical stages of construction; however, the CONSULTANT will not be responsible for unacceptable work, or impacts to the project's schedule or sequence of work, etc. should the CONTRACTOR fail to engage in timely communication or provide adequate prior notice regarding their work. CONSULTANT will inform all pertinent parties who are tasked with the responsibility of observing specific components of this project's construction, upon receiving proper advanced notice by the CONTRACTOR and learning of the CONTRACTOR's plan to execute various relevant tasks. In addition, regularly scheduled progress meetings will be held with WUD and the CONTRACTOR, and if necessary, all other entities pertinent to the construction of the project.

Those entities are anticipated to be:

- Palm Beach County Water Utilities Department (WUD)
- Palm Beach County Health Department
- Palm Beach County Land Development (Re. PBC Utility Permit)
- Turnpike Authority
- Lake Worth Drainage District
- Florida Gas Transmissions

Coordination with the private property owners within and adjacent to the project area is not included in this Scope of Services and is assumed to be managed by WUD's Public Outreach Consultant. Beyond incidental coordination with these property owners, and general coordination with or assistance to WUD's Public Outreach Consultant, the CONSULTANT will not be responsible for coordinating the CONTRACTOR's construction activities with the property owners, or any unrelated construction activities performed by others within or adjacent to the project area.

The Scope of Services, Compensation, and Project Schedule included herein is based upon improvements being completed in a single phase and one (1) horizontal directional bore attempt.

1.1 WUD Representation and Contract Administration Services: CONSULTANT will certify substantial compliance of constructed facilities to the approved plans. The CONSULTANT will also act as WUD's project representative and keep in contact with the CONTRACTOR and regulating agencies. While the CONSULTANT's role is not one of "Construction Management", it is one of technical advocacy and representation of WUD's interests. While WUD will enter the "Agreement to Construct" with the CONTRACTOR awarded the project through the bid process, CONSULTANT will be given the authority to carry out the required administrative and observation services from award of contract to final releases and payment to CONTRACTOR.

1.2 General Coordination and Correspondence: Throughout the project duration, the CONSULTANT will provide general coordination, correspondence and attendance of up to six (6) progress meetings with WUD, pertinent parties, regulatory agencies and the CONTRACTOR. The CONSULTANT will prepare and issue all meeting agenda and meeting summary documents related to these progress meetings where deemed necessary.

1.3 Project Start-Up, Orientation and Pre-Construction Meeting: CONSULTANT will conduct a pre-construction meeting with WUD, the awarded CONTRACTOR, permitting agencies and other pertinent parties. This task will include the CONSULTANT's efforts during initial construction coordination with WUD and the CONTRACTOR, resulting in the Pre-Construction Meeting. At the time of the Pre-Construction Meeting, the plans will be issued for construction purposes by WUD. CONSULTANT will prepare and issue the meeting summary.

Page 2 of 4

1.4 Pre-Construction Submittal Review: CONSULTANT will review, evaluate and approve shop drawings, CONTRACTOR'S selections on the WUD approved materials list, diagrams, illustrations, catalog data, product schedules, samples, results of tests, inspections, construction schedule and other data which the CONTRACTOR is required to submit. The materials proposed must be substantially compliant with the CONSULTANT's drawings and specifications. All requested "Substitutions" presented by the CONTRACTOR will also be evaluated if submitted at this stage.

1.5 Routine and Regular Construction Observation: CONSULTANT will make routine and regular visits to the project site to determine if the work is proceeding in substantial compliance with the construction drawings and specifications. Following each field observation, a report will be prepared by the CONSULTANT and provided to WUD and the CONTRACTOR within three (3) business days following the field observation. The following outlines a general schedule of the CONSULTANT's required field observations relating to the Potable Water System and other site work activities:

- Water main installation, including trenching excavations, unsuitable soil removal, fill, filter fabric, poly-bagging and backfilling operations
- Horizontal Directional Drill (HDD), including fusing of the joints, staging, bore entry/exit pits, pilot bore, installation of casing, installation of carrier pipe
- Water service wet taps off existing water mains
- General site restoration
- Connections to existing mains including restraining existing pipe
- Deactivations of existing mains including restraining existing pipe
- Plugging, capping, and grouting/abandonment of existing mains in place
- Pigging, flushing to prepare pipes to be tested
- Pressure and leakage tests of open-cut water main, HDD casings and carrier pipe
- Erosion control devices/measures
- Review concrete forming and pours
- Pavement restoration including subgrade, base rock and asphalt installation
- Removal and reinstallation of dry utilities, if required
- CONSULTANT will coordinate with CONTRACTOR and its representatives (e.g. geotechnical testing firm) to determine the quantity, locations and depths of all density tests to be performed in accordance with specified requirements
- Review backfill density test reports prepared by others for compliance with design specifications when necessary
- Review "Record Drawings", generate comments, if necessary, and coordinate with the CONTRACTOR in providing "Closeout" documentation
- Attend semi-final walk through(s) with pertinent regulating agency and CONTRACTOR and prepare a punch list of items to complete work
- Attend Substantial Completion walkthrough and prepare a Substantial Completion punch list

Page 3 of 4

1.6 Submittal Review (during Construction): The CONSULTANT will provide assistance with and resolution of Requests for Information (RFI)'s from the CONTRACTOR or WUD. CONSULTANT will prepare and issue work directives to the CONTRACTOR as deemed necessary by the CONSULTANT and/or WUD. Additionally, CONSULTANT will assist WUD in reviewing any change orders submitted by the CONTRACTOR and provide recommendations regarding same, assist with issuing Work Directives and review regular project schedule updates.

1.7 Pay Applications: The CONSULTANT will review the CONTRACTOR's monthly progress pay applications on a set date each month as determined by WUD, and will provide a recommendation for payment based on the construction completion percentage or field-verified installed quantity as set forth by the technical specifications. It is assumed that up to four (4) pay applications will be submitted/reviewed.

1.8 Construction Completion and Closeout: Final Completion Statements shall be prepared for the various project components designed and observed during construction by CONSULTANT. Statements will be issued to the regulating agencies charged with the release and transfer of the systems to Operational or "In-use" status. CONSULTANT will review record drawings and other close out documents as required by the contract.

CONSULTANT shall attend one (1) final walk through with the CONTRACTOR and applicable agencies. Completion statements shall be provided by CONSULTANT to regulatory agencies as necessary.

Page 4 of 4

## **EXHIBIT B1**

# COMPENSATION

### AMENDMENT NO. 1 TO

# PALM BEACH COUNTY WATER UTILITIES DEPARTMENT CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES CD03 WATER DISTRIBUTION SYSTEM IMPROVEMENTS PROJECT NO. WUD 15-102

EXHIBIT B1 COMPENSATION

Resolution #2016-1170		Contract for Consulting/Professional Services CD03 Water Distribution System Improvements Project No. WUD 15-102								Contract Dated: September 13, 2016			
Construction Phase Services for Water Main Replacement at Belvedere Road and Florida's Turnpike	Senior Project Manager \$195/hr	Senior Project Eng./Surveyor \$142/hr		Eng/Surv Tech CAD Tech \$93/hr	Construction Project Rep. \$110/hr	Survey Crew \$150/hr	Utility / Permit Coordinator \$90/hr	Admin./ Clerical \$85/hr	Total Hours	Raw Cost Totals by Task	Final Fixed Fee Totals by Task		
"Raw Salary" rates	\$171.00	\$47.50	\$38.50	\$31,00	\$36.60	\$54.50	\$30.50	\$30.50	-				
1. WUD Representation and Contract Administration Services	8,00	12.00	0.00	0.00	0.00	0,00	0.00	10.00	30.00	\$2,243.00	\$4,114.0		
2. General Coordination and Correspondence (up to 6 progress meetings)	72.00	42.00	0.00	0.00	54.00	0.00	10.00	0.00	178.00	\$16,588.40	\$26,833.2		
3. Project Start Up, Orientation and Pre-Construction Meeting	12.00	12.00	0.00	0.00	6.00	0.00	0.00	0.00	30.00	\$2,841.60	\$4,702.8		
4. Pre-Consruction Submittal Review	16.00	20.00	0.00	0.00	28.00	0.00	0.00	4.00	68.00	\$4,832.80	\$9,374.4		
5. Routine and Regular Construction Observation: Based upon 20 working days of directional drilling at 8 hours per day, 2 working days of directional drilling at 24 hours per day, 60 days of site work at 6 hours per day and 8 working days of site work at 12 hours per day (for evening/night work)	24.00	32.00	0.00	0.00	608.00	0.00	0.00	45.00	709.00	\$29,249.30	\$79,807.4		
6. Submittal Review (During Construction)	6.00	16.00	0.00	12.00	20.00	0.00	0.00	4.00	58,00	\$3,012.00	\$7,094.0		
7. Pay Applications (Assuming 4 Pay Applications)	8.00	8.00	0.00	0.00	16.00	0.00	0.00	4.00	36.00	\$2,455.60	\$4,792.8		
8. Construction Completion and Close Out	20.00	20.00	0.00	0.00	16.00	0.00	12.00	4.00	72.00	\$5,443.60	\$9,916.8		
TOTAL Hours	166.00	162.00	0.00	12.00	748.00	0.00	22.00	71.00	1181.00	\$66,666.30	\$146,635.40		
Raw Labor Cost:	\$28,386.00	\$7,695.00	\$0.00	\$372.00	\$27,376.80	\$0.00	\$671.00	\$2,165.50					
Multiplier *	1.14	2.99	2.99	3.00	3.00	2.75	2.95	2.79	- \$66,666,30	\$66,666.30	\$146,635.40		
FIXED FEE Estimate	\$32,370.00	\$23,004.00	\$0.00	\$1,116.00	\$82,130.40	\$0.00	\$1,980.00	\$6,035.00	1				

Construction Phase Services for Water Main Replacement at Belvedere Road and Florida's Turnpike

\$148,135.40

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Please note: \* AS OUTLINED IN THE FEE SCHEDULE OF OUR CONTRACT, SOME RATES WERE CALCULATED WITH LESS THAN A 3.00 MULTIPLIER

# **EXHIBIT C1**

# FEE SCHEDULE

## PALM BEACH COUNTY WATER UTILITIES DEPARTMENT CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES CD03 WATER DISTRIBUTION SYSTEM IMPROVEMENTS PROJECT NO. WUD 15-102

### PALM BEACH COUNTY WATER UTILITIES DEPARTMENT RE: CD03 - WATER DISTRIBUTION SYSTEM REPLACEMENTS PROJECT ENGINEERING DESIGN AND ENGINEERING SERVICES DURING CONSTRUCTION

#### May 2016

PERSONNEL CLASSIFICATION	Raw Salary (1)	Hourly Billing
SENIOR PROJECT MANAGER	\$171.00	\$195.00 (2)
SENIOR PROJECT ENGINEER/SENIOR PROJECT SURVE	YOR \$47.50	\$142.00
PROJECT ENGINEER/PROJECT SURVEYOR	\$38.50	\$115.00
SURVEY CREW (includes Truck, Boat, Instruments) (3)	\$54.50	\$150.00 <b>(2)</b>
CONSTRUCTION PROJECT REPRESENTATIVE		
(includes Vehicle, Tools) (3)	\$36.60	\$110.00
ENGINEER / SURVEY TECHNICIAN / CADD	\$31.00	\$ 93.00
UTILITY COORDINATOR/PERMIT COORDINATOR	\$30.50	\$ 90.00 <b>(2)</b>
ADMINISTRATOR	\$30.50	\$ 85.00 <b>(2)</b>
MULTIPLIER CALCULATIONS:		
DIRECTOR LABOR	1.00	
ENGINEER/SURVEY OVERHEAD	1.41	
FRINGE BENEFITS	<u>0.34</u>	
TOTAL COST	2.75	
PROFIT @ 9%	<u>0.25</u>	
MULTIPLIER:	3.00	

(1) "Raw salary" column represents composite rates of current and future staff working under the signified "Personnel Classification";

(2) Hourly billing rates depicted have been calculated with less than a "3.00" multiplier;

(3) Does not include mileage.

711 N Dixie Highway, Suite 201 • West Palm Beach, FL 33401 • 561-689-8600 •www.keshavarz.com

### **EXHIBIT D1**

# **PROJECT SCHEDULE**

#### **AMENDMENT NO. 1 TO**

# PALM BEACH COUNTY WATER UTILITIES DEPARTMENT CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES CD03 WATER DISTRIBUTION SYSTEM IMPROVEMENTS PROJECT NO. WUD 15-102

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

<u>Engineering Services</u> Task 1: Construction Phase Services <u>Completion Date from Notice to Proceed</u> 210 Additional Calendar Days \*

\* CONSULTANT's Project Schedule is based on adding 30 calendar days to the CONTRACTOR's assumed total construction duration of 180 calendar days from the CONTRACTOR's Notice to Proceed (NTP) to Final completion (150 calendar days from their NTP to Substantial completion, and an additional 30 calendar days from Substantial completion to Final completion).

## **EXHIBIT E1**

# OEBO FORMS (SCHEDULES 1 AND 2)

### AMENDMENT NO. 1 TO

# PALM BEACH COUNTY WATER UTILITIES DEPARTMENT CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES CD03 WATER DISTRIBUTION SYSTEM IMPROVEMENTS PROJECT NO. WUD 15-102

#### **OEBO SCHEDULE 1**

#### LIST OF PROPOSED CONTRACTOR/CONSULTANT AND SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

	Water Distribution System Improvements
NAME OF PRIME RESPONDENT/BIDDER:	Keshavarz & Associates, Inc.
CONTACT PERSON:Amir Keshavarz, P.E.	

WL	JD 15-102
SOLICITATION/PROJECT/BID No.:	
711 N Dixie Hwy, Suite 201	, West Palm Beach, FL 33401
561-689-8600 PHONE NO.:	amir@keshavarz.com E-MAIL:
DEPARTMENT: PBCWUD	

SOLICITATION OPENING/SUBMITTAL DATE: \_\_\_\_\_

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#### PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE <u>PRIME CONTRACTOR/CONSULTANT</u> ON THIS PROJECT. PLEASE ALSO LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT.

	(Check all Applicable Cat <u>Non-SBE</u> <u>M/WBE</u>		egories) <u>SBE</u>		DOLLAR AMOUNT OR PERCENTAGE OF WORK				
Name, Address and Phone Number		Minority/Women Business	Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)	
<ol> <li>Keshavarz &amp; Associates, Inc.</li> <li>711 N Dixie Hwy, #201, WPB, FL 33401 561-689-8600</li> </ol>		$\checkmark$	$\checkmark$					\$148,135.40 	
2.									
3.									
4.									
5.									
(Please use additional sheets if necessary)			Total					\$148,135.40	
Total Bid Price \$148,135.40			Total SBE	- M/WBE Participation	100%				
I hereby certify that the above information is accura	te to the best of	my knowledge	Je.	ht			Randy Wertepny,	PE, V.P.Engineering	
		ing into incuge.		Signature	······································			Title	
Note: 1. The amount listed on this form 2. Firms may be certified by Paln category.	n Beach County	as an SBE and/or a	n M/WBE. If fin	orted by price or perce			chedule 2 or attache	d signed proposal.	

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3. Modification of this form is not permitted and will be rejected upon submittal.

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#### **OEBO LETTER OF INTENT – SCHEDULE 2**

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: WUD 15-102

SOLICITATION/PROJECT NAME:	D03; Water Distribut	ion System Imp	rovements	
Prime Contractor: Keshavar	z & Associates, Ir	<b>1C.</b> Subcontrac	tor: <mark>N/A</mark>	
(Check box(s) that apply) SBE WBE MIBE M/	WBE 🗆 Non-S/M/WBE	Date of Palm Beach	County Certification (if appli	10/4/19 - 10/3/2022 cable):
The undersigned affirms they are t	the following (select one fro	m each column <b>if ap</b>	plicable):	
Column 1	<u>Column 2</u>			<u>Column 3</u>
Male 🗆 Female	□ African-American/Black	Asian American	🗆 Caucasian American	□ Supplier

<u>S/M/WBE PARTICIPATION</u> – <u>S/M/WBE Primes must document all work to be performed by their own work force on this form</u>. Failure to submit a properly executed Schedule 2 for any <u>S/M/WBE</u> participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Construction Phase Services				\$ 146,635.40
	Reimburseable Expenses				\$ 1,500.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: 100%

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

### N/A

Name of 2<sup>nd</sup>/3<sup>rd</sup> tier Subcontractor/subconsultant

Price or Percentage:

Keshavarz	&	Associates,	Inc.
	~	/ 10000iat00;	

Print Name of Prime

By: Authorized Signature Randy Wertepny, P.E.

Print Name Vice President of Engineering Title

1/ 7/2070

Date:

Keshavarz & Associates, Inc.

Print Name of Subcontractor/subconsultant By: \_

Authorized Signature Randy Wertepny, P.E.

Print Name Vice President of Engineering

Title 7/2020 Date:

Revised 09/17/2019



ATTACHMENT 7

KESH&AS-01

CHASES DATE (MM/DD/YYYY) 1/24/2020

THIS CERTIFICATE IS ISSUED AS A MATTI CERTIFICATE DOES NOT AFFIRMATIVELY BELOW. THIS CERTIFICATE OF INSURANC REPRESENTATIVE OR PRODUCER, AND THE IMPORTANT: If the certificate holder is an A If SUBROGATION IS WAIVED, subject to the this certificate does not confer rights to the certificate does not cert	OR CE CE ADD	NEGATIVELY AMEND, EX DOES NOT CONSTITUTE RTIFICATE HOLDER. ITIONAL INSURED, the po erms and conditions of the icate holder in lieu of such	XTEND OR ALT A CONTRACT licy(ies) must ha	ER THE CO BETWEEN T	VERAGE AFFORDED	re ho By th	E POLICIES
If SUBROGATION IS WAIVED, subject to the this certificate does not confer rights to the ce PRODUCER License # 0E67768 Insurance Office of America, Inc. Abacoa Town Center 1200 University Blvd, Suite 200	he t	erms and conditions of the icate holder in lieu of such	policy, certain p				THURIZED
Insurance Office of America, Inc. Abacoa Town Center 1200 University Blvd, Suite 200		çç		oolicies may			
Abacoa Town Center 1200 University Blvd, Suite 200		NA NA	ME: Stephani	e Chase			
1200 University Blvd, Suite 200		PH	IONE /C, No, Ext): (561) 7	21-3741	FAX (A/C, No):	(561)	776-0670
		E-I	MAIL DRESS: Stephani	e.Chase@id	oausa.com	·/	
					DING COVERAGE		NAIC #
		IN	SURER A : Travele				25658
INSURED					& Surety Company		19038
Keshavarz & Associates, Inc.					irance Company		11515
711 N. Dixie Hwy Suite 201			SURER D :				
West Palm Beach, FL 33401			SURER E :				
			SURER F :	(and	•		
COVERAGES CERTIFICA	TE			I	REVISION NUMBER:		
THIS IS TO CERTIFY THAT THE POLICIES OF I INDICATED. NOTWITHSTANDING ANY REQUIRE CERTIFICATE MAY BE ISSUED OR MAY PERTA EXCLUSIONS AND CONDITIONS OF SUCH POLICIE	EME NN,	NT, TERM OR CONDITION ( THE INSURANCE AFFORDEI	of any contra D by the polici	CT OR OTHER ES DESCRIBE	DOCUMENT WITH RESPI	ECT TO	WHICH THIS
INSR TYPE OF INSURANCE ADDL SU	JBR /VD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	rs	
A X COMMERCIAL GENERAL LIABILITY					EACH OCCURRENCE	\$	1,000,000
CLAIMS-MADE X OCCUR X	x	660-6J917378-IND-19	7/1/2019	7/1/2020	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$	100,000
					MED EXP (Any one person)	\$	5,000
					PERSONAL & ADV INJURY	\$	1,000,000
GEN'L AGGREGATE LIMIT APPLIES PER:					GENERAL AGGREGATE	\$	2,000,000
POLICY PRO- JECT LOC				-	PRODUCTS - COMP/OP AGG	1	2,000,000
A AUTOMOBILE LIABILITY					COMBINED SINGLE LIMIT (Ea accident)	s	1,000,000
X ANY AUTO X	x	BA-6J917538-19	7/1/2019	7/1/2020	BODILY INJURY (Per person)	\$	
OWNED     SCHEDULED       AUTOS ONLY     AUTOS       HIRED     NON-OWNED       AUTOS ONLY     AUTOS ONLY	~				BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)		
A X UMBRELLA LIAB X OCCUR						\$	1,000,000
EXCESS LIAB CLAIMS-MADE	ļ	CUP-4688T918-19	7/1/2019	7/1/2020			1,000,000
DED X RETENTION \$ 10,000					AGGREGATE	\$ \$	
B WORKERS COMPENSATION AND EMPLOYERS' LIABILITY		·····			X PER OTH- STATUTE ER	- Þ	
	x	UB-7K077863-19	7/1/2019	7/1/2020		6	1,000,000
ANY PROPRIETOR/PARTNER/EXECUTIVE					E.L. EACH ACCIDENT	\$	1,000,000
If yes, describe under DESCRIPTION OF OPERATIONS below					E.L. DISEASE - EA EMPLOYE		1,000,000
C Professional Liabili		ANE4022900	7/1/2019	7/1/2020	E.L. DISEASE - POLICY LIMIT	<b>&gt;</b>	3,000,000
C *Retro 11/1/87		ANE4022900	7/1/2019	7/1/2020	Retention		25,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (AC Contract for Consulting/Professional Services Util Palm Beach County Board of County Commission with respect to General Liability when required by Waiver of Subrogation per CG D3 79 02 19. Palm B Employees and Agents are Additional Insureds wi 08 17. Waiver of Subrogation also applies to Work CERTIFICATE HOLDER Palm Beach County Water Utilities Dept Director Utilities Engineering 8100 Forest Hill Blvd	lity I ners, writ Bea ith re	Distribution and Collection S a political Subdivision of th tten contract per form CG D3 ch County Board of County ( espect to Auto Liability with Compensation where require C	System Engineerir le State of Florida, 3 81 09 15 on a Pr Commissioners, a waiver of subroga red by written cor CANCELLATION SHOULD ANY OF	ng Services Pr its officers, e imary Non-Co political Sub ation when re thract per WC THE ABOVE D N DATE TH ITH THE POLIC	roject No. WUD 17-005 employees and agents a ntributory basis per CG division of the State of F quired by written contra 00 03 13. ESCRIBED POLICIES BE ( IEREOF, NOTICE WILL	T1 00 Florida ct per 1	02 19 with , its Officers, form CA F2 19 
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8100 Forest Hill Blvd West Palm Beach, FL 33413 ACORD 25 (2016/03)					ORD CORPORATION	A 11 - 1	

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