



**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

<b>Fiscal Years</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
Capital Expenditures	<u>\$138,443</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>
<b>NET FISCAL IMPACT</b>	<b><u>\$138,443</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>
<b># ADDITIONAL FTE POSITIONS (Cumulative)</b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>

**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 expenditure from user fees, connection fees and balance brought forward.

**C. Department Fiscal Review:** Joony Benton GE

**III. REVIEW COMMENTS**

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

*Joony Benton*  
5/10/23  
Joony Benton 5/10/23  
OFMB QA 5/10

Sp. J. [Signature] 5/16/23  
Contract Development and Control  
TMD 5/16/23

**B. Legal Sufficiency:**

[Signature] 5/31/23  
Assistant County Attorney

**C. Other Department Review:**

\_\_\_\_\_  
Department Director

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

CONSULTANT SERVICES AUTHORIZATION NO. 9  
Palm Beach County Water Utilities Department  
Contract for Consulting/Professional Services  
Utility Distribution & Collection System Engineering Services  
Resolution No. R2020-1897 Contract Dated December 15, 2020

**Project Title:** Kings Point Water and Sewer Condition Assessment

**PBCWUD Project No.:** 23-030

**Consultant:** Holtz Consulting Engineers, Inc.

**Address:** 270 South Central Blvd., Suite 207, Jupiter, FL 33458

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

**District No.:** 5

This Consultant Services Authorization provides for: a condition assessment of the existing water and sewer systems and the prioritization of water and wastewater system improvements in the various neighborhoods of Kings Point and to aid Palm Beach County Water Utilities Department in budgeting and planning proposed improvements.

(See ATTACHMENT A for detailed scope of services)

The Contract provides for 96.00% SBE participation, which includes 90.00% MBE participation, 85.00% MBE (H), and 5.00% MBE (A). This Consultant Services Authorization includes 0.0% overall participation which includes 0.0% MBE participation, 0.0% MBE (H), and 0% MBE (A). The cumulative SBE participation, including this Consultant Services Authorization is 76.45%, which includes 68.57% MBE participation, 67.32% MBE (H), and 1.25% MBE (A).

1. Services completed by the Consultant to date :

See ATTACHMENT B.

2. Consultant shall begin work upon receipt of Notice to Proceed correspondence.

3. 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 \$ 138,442.79

B. Fixed price of \$ \_\_\_\_\_

C. Total \$ 138,442.79

4. 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.

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**PBCWUD Project No.:** 23-030

5. SBE participation is included in **ATTACHMENT C** under this Authorization. The attached Schedule 1 defines the SBE applied to this Authorization and Schedule 2 establishes the SBE contribution from each Sub-Consultant (Letter of Intent).
6. This Authorization does not amend, change, or modify the Contract dated 12/15/2020 which remains in full force and effect.
7. All Attachments to this Authorization are incorporated herein and made a part of this Consultant Services Authorization.

CONSULTANT SERVICES AUTHORIZATION NO. 9  
Palm Beach County Water Utilities Department  
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Resolution No. R2020-1897 Contract Dated December 15, 2020

Project Title: Kings Point Water and Sewer Condition Assessment

PBCWUD Project No.: 23-030

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

Joseph Abruzzo, Clerk of the Circuit Court  
& Comptroller, Palm Beach County

Palm Beach County, Board  
of County Commissioners

ATTEST:

Signed: \_\_\_\_\_

Signed: \_\_\_\_\_

Gregg K. Weiss, Mayor

AKB

Typed Name: \_\_\_\_\_

Deputy Clerk

\_\_\_\_\_  
(Date)

Approved as to Form and Legal  
Sufficiency

CONSULTANT: Holtz Consulting  
Engineers, Inc.

Signed: [Signature] RJ for MS

[Signature]

(Signature)

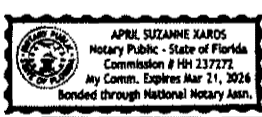
Typed Name: Michael W. Jones  
County Attorney

Stephen Fowler, Vice President  
(Name and Title)

March 21, 2023  
(Date)

STATE OF FLORIDA  
COUNTY OF Palm Beach

The foregoing instrument was acknowledged before me by means of  physical presence or  online notarization,  
this 21 day of March, 2023, by Stephen Fowler who is  personally  
known to me or  has produced \_\_\_\_\_ as identification.



[Signature]  
(Signature of Notary Public - State of Florida)

(Print, Type, or Stamp Commissioned Name of Notary Public)

**LIST OF ATTACHMENTS**

<b>ATTACHMENT A</b>	Scope of Services
<b>ATTACHMENT B</b>	Summary and Status of Consultant Services Authorizations
<b>ATTACHMENT C</b>	OEBO Schedules 1 and 2
<b>ATTACHMENT D</b>	Project Schedule
<b>ATTACHMENT E</b>	Budget Summary
<b>ATTACHMENT F</b>	Summary of SBE-M/WBE Business Tracking
<b>ATTACHMENT G</b>	Location Map

# ATTACHMENT A

## SCOPE OF SERVICES

PBCWUD Project No.: 23-030

Project Title: Kings Point Water and Sewer Condition Assessment

Holtz Consulting Engineers, Inc. (CONSULTANT) shall perform and be responsible for the engineering Scope of Services as described herein:

### **BACKGROUND**

Kings Point Delray is an active 55+ resort-style community built between 1973 and 1985 which consists of 7,200 condominiums in 12 separate neighborhoods. The community was previously a private water system but is now a part of the Palm Beach County Water Utilities Department (PBCWUD) service area. PBCWUD has requested CONSULTANT to assist PBCWUD with prioritizing water and wastewater system improvements in the various neighborhoods of Kings Point to aid PBCWUD in budgeting and planning proposed improvements.

### **SCOPE OF SERVICES**

#### **Task 1 – Development of Prioritization Process for Water Main and Force Main Improvements**

##### **Subtask 1.1 – Develop Water Criticality Hydraulic Model**

“Criticality of isolation” for the neighborhood will be determined by developing a hydraulic model in Innowyze Infowater Pro using the ‘Criticality Assessment Manager.’ The model will be constructed using existing GIS data of the Kings Point water distribution system. Existing valves noted as ‘Global Positioning System (GPS) located’ in the existing Geographical Information System (GIS) will be assumed to be operational unless otherwise noted and informed by PBCWUD Operation and Maintenance Department. Typical water pressure at the boundaries of Kings Point and billing records (water usage) for the customers within Kings Point will be provided by PBCWUD. The hydraulic model will include a steady-state simulation of a water main break and what is necessary to isolate a particular neighborhood within Kings Point. The model report will identify the total number of customers that would be isolated and/or experience system pressures (on average) below 20 pounds per square inch (psi) as a result of closing valves to fully isolate the neighborhood experiencing the water main break. The more customers affected by the break and isolation efforts will result in a higher “criticality” score for that neighborhood.

The water system improvements being made under PBCWUD Project #21-034 will be taken into consideration in the model.

##### **Subtask 1.2 – Perform Soft-digs of Existing Water Mains and Force Mains**

As a part of this evaluation CONSULTANT will perform soft-dig utility test holes to confirm the existing water main and force main size, material, and depth of cover for up to 120 water main locations and 60 force main locations (fifteen (15) soft-digs per each of the twelve (12)

neighborhoods in Kings Point). The potholes will be in grass areas, if possible, but it is anticipated that some will need to be performed in asphalt and patched as necessary. Water main and force main material and visual condition assessments will be used as prioritization criteria in Task 3.

## **Task 2 – Lift Station Evaluation**

### **Subtask 2.1 – Review Records and GIS**

CONSULTANT will review available as-built record drawing information for each of the lift stations. These drawings will be used to assist in preparing the recommended improvements for each station.

### **Subtask 2.2 – Site Visits and Recommendations**

CONSULTANT will visit six (6) lift stations with PBCWUD staff who are familiar with the operation, maintenance procedures, and performance history of the lift stations. The CONSULTANT, with the assistance of PBCWUD staff, will identify a specific list of deficiencies and develop a scope of work for improvements required to rehabilitate the stations and meet the PBCWUD minimum standards, where feasible. Improvements to be assessed include wet well, slabs, fending, vaults, piping, valves, pumps, control panel, remote telemetry unit (RTU), and appurtenances.

## **Task 3 - Prioritization Tool**

Under this task, CONSULTANT will work with PBCWUD to develop the weighted criteria and framework to be used as the basis to prioritize the neighborhoods in Kings Point for water distribution system and force main system improvements. Workshop style meetings will be conducted to develop and test the prioritization model to ensure it is in alignment with PBCWUD core functions, goals, and objectives.

It is anticipated that up to four (4) workshops with PBCWUD staff will be required. At the end of Task 3, a prioritization model will be developed that incorporates the decision criteria, criteria weighting, and performance measures.

The prioritization process framework will be based on the previous study for the insertion valve program developed in 2015 for Century Village. The following steps will be taken in the workshops to select/modify the prioritization decision criteria and develop the framework for the prioritization process as best fits the Kings Point development:

- Selection of decision criteria and defining each of the criteria. Preliminary criteria measures may include the following:
  - Risk Factors
    - Impacts on the neighborhood in the event of a boil water notice.
    - Impacts on the neighborhood and lift stations in the event of a force main break.
    - The number of valves required to meet current design standards (i.e., “valve deficit”).
    - The number of valves needed to isolate the neighborhood from adjacent neighborhoods in the event of a main break.
    - “Criticality” of isolation for the neighborhood\* (see Subtask 1.1 for more detail).



- Condition Factors
  - Historical boil water notices in the neighborhood.
  - History of broken services for the neighborhood.
  - History of water leaks at the meters for the neighborhood.
  - History of water main breaks for the neighborhood.
  - History of force main breaks for the neighborhood.
  - History of existing valve problems in the neighborhood.
  - History of customer complaints/calls in the neighborhood.
  - Condition/material of existing water/force mains based on test potholes.
- Criteria weighting
- Determination and identification of neighborhoods and sub-neighborhood boundaries to be evaluated.
- Scoring of neighborhoods and sub-neighborhoods
- Verification and review of the prioritization process

#### **Task 4 - Neighborhood Prioritization & Capital Improvement Plan**

##### **Subtask 4.1 – Neighborhood Ranking**

After completing Tasks 1 through 3, CONSULTANT will score and rank the neighborhoods and/or sub-neighborhoods within Kings Point. CONSULTANT shall review the rankings with PBCWUD staff to ensure the model is in alignment with what the project team considers to be the most important areas.

##### **Subtask 4.2 – Cost Estimates & Capital Improvement Plan**

CONSULTANT shall prepare budgetary-level cost estimates for identified water and wastewater system improvements for each neighborhood. After the initial ranking, the highest ranked neighborhoods will be grouped to receive water and wastewater system improvements meeting PBCWUDs available budget for year one. The criticality model will be run again for year two to see if the rankings change once year one improvements have been implemented. The highest ranked neighborhoods out of that sub-category will be grouped for year two improvements. This process will iterate until all neighborhoods have the water and sewer main improvements implemented.

#### **Task 5 – Technical Memorandum**

##### **Subtask 5.1 Draft Technical Memorandum (TM)**

Under this task, CONSULTANT shall prepare a brief draft TM documenting the results of the prioritization process. For each neighborhood evaluated, recommendations for the water system improvements, force main system improvements, and lift station improvements will be presented along with budgetary-level cost estimates. The draft TM will be submitted to PBCWUD electronically for review and comment.

### **Subtask 5.2 Final TM**

Upon receipt of PBCWUD review comments, a final TM will be developed that incorporates the comments on the draft TM. An electronic Portable Document Format (PDF) of the final TM will be submitted along with three (3) hard copies and supporting attachments.

### **Task 5 Deliverables**

- One (1) digital copy of the draft TM.
- One (1) digital copy and three (3) hard copies of the final TM.

### **Task 6 - Project Management**

Project management includes contract administration, quality assurance and quality control (QA/QC), and project meetings (other than workshops) with PBCWUD staff.

#### **Subtask 6.1 Contract Administration**

The progress of the project will be monitored, and resources will be managed to achieve the schedule, budget, and work quality goals of the project. The CONSULTANT will coordinate with PBCWUD staff and will keep PBCWUD informed as to the status and progress of the project. Communications with PBCWUD will be conducted under this task. Invoices shall be prepared monthly.

#### **Subtask 6.2 Quality Assurance/Quality Control (QA/QC)**

The CONSULTANT will be conducting an internal QA/QC review of the deliverables for conformance to the contract and internal program requirements. The results of these reviews will be incorporated into the deliverables prior to submission to PBCWUD for review and comment.

#### **Subtask 6.3 Project Review and Coordination Meetings and Workshops**

Attend and participate in two (2) project meetings and four (4) workshops with PBCWUD staff during the design phase of the project. Meetings are anticipated as follows:

- a. One (1) project kick-off meeting
- b. Four (4) prioritization tool development workshops
- c. One (1) Draft TM review meeting

### **Task 6 Deliverables**

- Provide meeting minutes summarizing the key points of all review meetings in PDF.

### **COUNTY RESPONSIBILITIES**

1. Designate a Project Representative; as PBCWUD representative and primary contact for CONSULTANT. CONSULTANT will rely on PBCWUD designated Project representative for instructions and approval of CONSULTANT's services.
2. Provide any existing information pertinent to the project and project schedule.

3. Provide water distribution system and wastewater collection GIS, pressure data, and billing records, as required.
4. Coordinate with Kings Point for an underground locating company to be able to perform potholes, as required.
5. Provide prompt review and comment on all deliverables.
6. Attendance of key PBCWUD personnel at meetings, as requested.

## ATTACHMENT B

### SUMMARY AND STATUS OF CONSULTANT SERVICES AUTHORIZATIONS

Auth. No.	PBCWUD Project No.	Title	Status	Project Total Amount	SBE Total Amount	SBE Participation %	Approved	
							By	Date
1	21-016	Valve Additions – Phase 1	Approved	\$200,714.90	\$143,914.90	71.70%	BCC	4/6/2021
2	21-035	Priority Aerial Crossing Improvements Phase 3	Approved	\$614,585.59	\$555,516.79	90.38%	BCC	5/18/2021
2.1	21-035	Priority Aerial Crossing Improvements Phase 3	Pending	\$12,223.37	Pending	Pending	Director	Pending
3	21-059	Improvements To Lift Stations 980, 981 and 1051	Approved	\$170,736.11	\$157,826.11	92.43%	BCC	8/17/2021
3.1	21-059	Improvements To Lift Stations 980, 981 and 1051	Approved	\$98,701.45	\$90,701.45	91.89%	CRC	6/15/2022
4	22-003	Valve Additions – Phase 2	Approved	\$236,305.02	\$167,405.02	70.84%	BCC	2/1/2022
5	22-002	Finfrock Lift Station and Force Main Rehabilitation	Approved	\$139,845.95	\$130,400.95	93.24%	BCC	2/1/2022
6	21-081	89 <sup>th</sup> Place North Water Main Extension	Approved	\$53,312.75	\$50,112.75	93.99%	CRC	4/27/2022
7	22-015	Palmetto Park Road Force Main Replacement	Approved	\$251,461.24	\$220,851.24	87.82%	BCC	5/17/2022
8	22-016	Main Street Water Main Replacement in Canal Point	Approved	\$49,839.54	\$48,239.54	96.78%	Director	6/2/2022
9	23-030	Kings Point Water and Sewer Condition Assessment	Pending	\$ 138,442.79	\$0.00	0.00%	BCC	Pending

**ATTACHMENT C**

**OEBO SCHEDULE 1**

Office of Equal Business Opportunity Compliance Programs

**OEBO SCHEDULE 1**

SOLICITATION/PROJECT/BID NAME: Kings Point Water and Sewer Condition Assessment  
 SOLICITATION OPENING/SUBMITTAL DATE: December 15, 2020

SOLICITATION/PROJECT/BID NO.: WUD 23-030  
 COUNTY DEPARTMENT: Water Utilities Department

**Section A** PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT\* ON THE PROJECT:

NAME OF PRIME RESPONDENT/BIDDER: Holtz Consulting Engineers, Inc ADDRESS: 270 South Central Boulevard, Suite 207 Jupiter, FL 33458  
 CONTACT PERSON: Stephen Fowler, P.E. PHONE NO.: 561-575-2005 E-MAIL: Stephen.Fowler@holtzconsulting.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$79,942.79 / 57.7%  
 \*SMWBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.  
 Non-SBE  MBE  WBE  SBE

**Section B** PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT BELOW:

Subcontractor/Sub consultant Name	(Check all Applicable Categories)				DOLLAR AMOUNT OR PERCENTAGE OF WORK					
	Non-SBE	MBE	WBE	SBE	Black	Hispanic	Women	Caucasian	Asian	Other
		Minority Business	Women Business	Small Business						
1. Underdog Utility Detection, LLC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	\$58,500.00	_____	_____
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____

(Please use additional sheets if necessary)

Total \_\_\_\_\_ \$58,500.00

Total Bid/Offer Price \$ \$138,442.79 Total Certified S/M/WBE Participation \$ \$0.00 / 0%

I hereby certify that the above information is accurate to the best of my knowledge: Stephen Fowler, P.E. \_\_\_\_\_ Vice President  
 Name & Authorized Signature Title

- Note:**
- The amount listed on this form for a Subcontractor/sub consultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
  - Only those firms certified by Palm Beach County at the time of solicitation due date are eligible to meet the established OEBO Affirmative Procurement Initiative (API). Please check the applicable box and list the dollar amount or percentage under the appropriate demographic category.
  - Modification of this form is not permitted and will be rejected upon submittal.

**ATTACHMENT C**

**OEBO SCHEDULE 2**

Office of Equal Business Opportunity Compliance Programs

Revised 12/20/2022

**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 23-030

SOLICITATION/PROJECT NAME: Kings Point Water and Sewer Condition Assessment

Prime Contractor: Holtz Consulting Engineers, Inc. Subcontractor: Underdog Utility Detection, LLC

**(Check box(s) that apply)**

SBE  WBE  MBE  M/WBE  Non-S/M/WBE Date of Palm Beach County Certification (if applicable): N/A

The undersigned affirms they are the following (select one from each column if applicable):

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input checked="" type="checkbox"/> Caucasian American <input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	<input type="checkbox"/> Supplier

**S/M/WBE PARTICIPATION** – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE 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
	Underground Utility Location Services				\$58,500.00

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: \$58,500.00

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.

Name of 2<sup>nd</sup>/3<sup>rd</sup> tier Subcontractor/subconsultant \_\_\_\_\_ Price or Percentage: \_\_\_\_\_

**Holtz Consulting Engineers, Inc.**

Print Name of Prime

By:   
Authorized Signature

Stephen Fowler, P.E.

Print Name

**Vice President**

Title

Date: 3/21/2023

**Underdog Utility Detection, LLC**

Print Name of Subcontractor/subconsultant

By:   
Authorized Signature

Justin Ryan

Print Name

**President**

Title

Date: 3/21/2023



# ATTACHMENT D

## PROJECT SCHEDULE

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

<u>Engineering Service</u>	<u>Completion Date from Notice to Proceed (Calendar Days)</u>
Task 1 Development of Prioritization Process for Water Main and Force Main Improvements	60
Task 2 Lift Station Evaluation	60
Task 3 Prioritization Tool	90
Task 4 Neighborhood Prioritization & Capital Improvement Plan	140
Task 5 Technical Memorandum	180
Task 6 Project Management	180
<b>Total CSA Duration</b>	<b>180 Calendar Days</b>

Revised 12/20/2022

**ATTACHMENT E  
BUDGET SUMMARY**

Palm Beach County Water Utilities Department  
 Contract for Consulting/Professional Services Utility Distribution and Collection System Engineering Services  
 Resolution No.: R2020-1897 Contract Dated: December 16, 2020  
 Consultant Services Authorization No.: 9  
 Consultant: Holtz Consulting Engineers, Inc.  
 Project Title: Kings Point Water and Sewer Condition Assessment  
 PBCWUD Project No.: 23-030

Task No.	Task Description	Labor Classification and Hourly Rate								Total Raw Labor	Mileage	ODC	Sub Consultant Services	TASK TOTAL
		Principal	Associate Engineer	Senior Project Manager	Project Engineer (PE)	Project Engineer (EI)	Senior Designer CADD Technician	Drafter	Administrative Assistant					
		\$ 84.13	\$ 70.68	\$ 54.39	\$ 40.95	\$ 33.34	\$ 38.78	\$ 33.18	\$ 30.10					
<b>1.0</b>	<b>Development of Prioritization Process for Water Main and Force Main Improvements</b>													
1.1	Develop Criticality Hydraulic Model	2		8	40	16				\$ 2,774.82				\$ 8,213.47
1.2	Perform Soft-Digs of Existing Water Mains and Force Mains <i>Subconsultant - Underdog Utility Detection, LLC</i>	2		8	8	24			4	\$ 1,851.54			\$ 58,500.00	\$ 5,480.58
<b>2.0</b>	<b>Lift Station Evaluation</b>													
2.1	Review Records and GIS			8	8	12				\$ 1,162.80				\$ 3,441.89
2.2	Site Visits and Recommendations	8		12	24	16				\$ 2,841.96				\$ 8,412.20
<b>3.0</b>	<b>Prioritization Tool</b>	14		20	28	60				\$ 5,412.62				\$ 16,021.36
<b>4.0</b>	<b>Neighborhood Prioritization &amp; Capital Improvement Plan</b>													
4.1	Neighborhood Ranking			8	10	12				\$ 1,244.70				\$ 3,684.31
4.2	Cost Estimates & Capital Improvement Plan	2		4	16	16				\$ 1,574.46				\$ 4,660.40
<b>5.0</b>	<b>Technical Memorandum</b>													
5.1	Draft TM	2		8	40	32	10			\$ 3,696.06				\$ 10,940.34
5.2	Final TM	2		4		8	2			\$ 730.10				\$ 2,161.10
<b>6.0</b>	<b>Project Management</b>													
6.1	Contract Administration	16							8	\$ 1,586.88				\$ 4,697.16
6.2	Quality Assurance / Quality Control (QA/QC)	12		8						\$ 1,444.68				\$ 4,276.25
6.3	Project Review and Coordination Meetings and Workshops	12		12	12	16				\$ 2,687.08				\$ 7,953.76
	<b>Totals</b>	<b>72</b>	<b>0</b>	<b>100</b>	<b>186</b>	<b>212</b>	<b>12</b>	<b>0</b>	<b>12</b>		<b>0</b>	<b>0</b>	<b>\$ 58,500.00</b>	<b>\$ 79,942.80</b>
	Labor Total Hours	72	0	100	186	212	12	0	12					
	Labor Hourly Raw Rates	\$ 84.13	\$ 70.68	\$ 54.39	\$ 40.95	\$ 33.34	\$ 38.78	\$ 33.18	\$ 30.10					
	Labor Raw Costs	\$ 6,057.36	\$ -	\$ 5,439.00	\$ 7,616.70	\$ 7,068.08	\$ 465.36	\$ -	\$ 361.20					
	Labor Multiplier	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96					
	Labor SubTotal	\$ 17,929.79	\$ -	\$ 16,099.44	\$ 22,545.43	\$ 20,921.52	\$ 1,377.47	\$ -	\$ 1,069.15					
	<b>Labor Total</b>													<b>\$79,942.79</b>
	Mileage/ODC													<b>\$0.00</b>
	<b>Subconsultant Total</b>													<b>\$58,500.00</b>
	<b>Project Total</b>													<b>\$138,442.79</b>

**Underdog Utility Detection LLC.**

3524 Lone Pine Road  
Delray Beach FL 33445

# Proposal

**Proposal Date:** 3/6/2023

**Proposal #:** 824

**Project:** Kings Point

**Bill To:**

Holtz Consulting  
270 Central Blvd  
Jupiter FL. 33458

Description	Est. Hours/Qty.	Rate	Total
Pot hole excavation on soft surfaces.	160	300.00	48,000.00
Pot hole excavation on hard surfaces.	30	350.00	10,500.00
Scope: Perform up to 190 utility verifications by pot hole at the Kings Point Community. Additional information on locations and exact amount of pot holes to be determined.			
<b>Total</b>			<b>\$58,500.00</b>

**ATTACHMENT F**

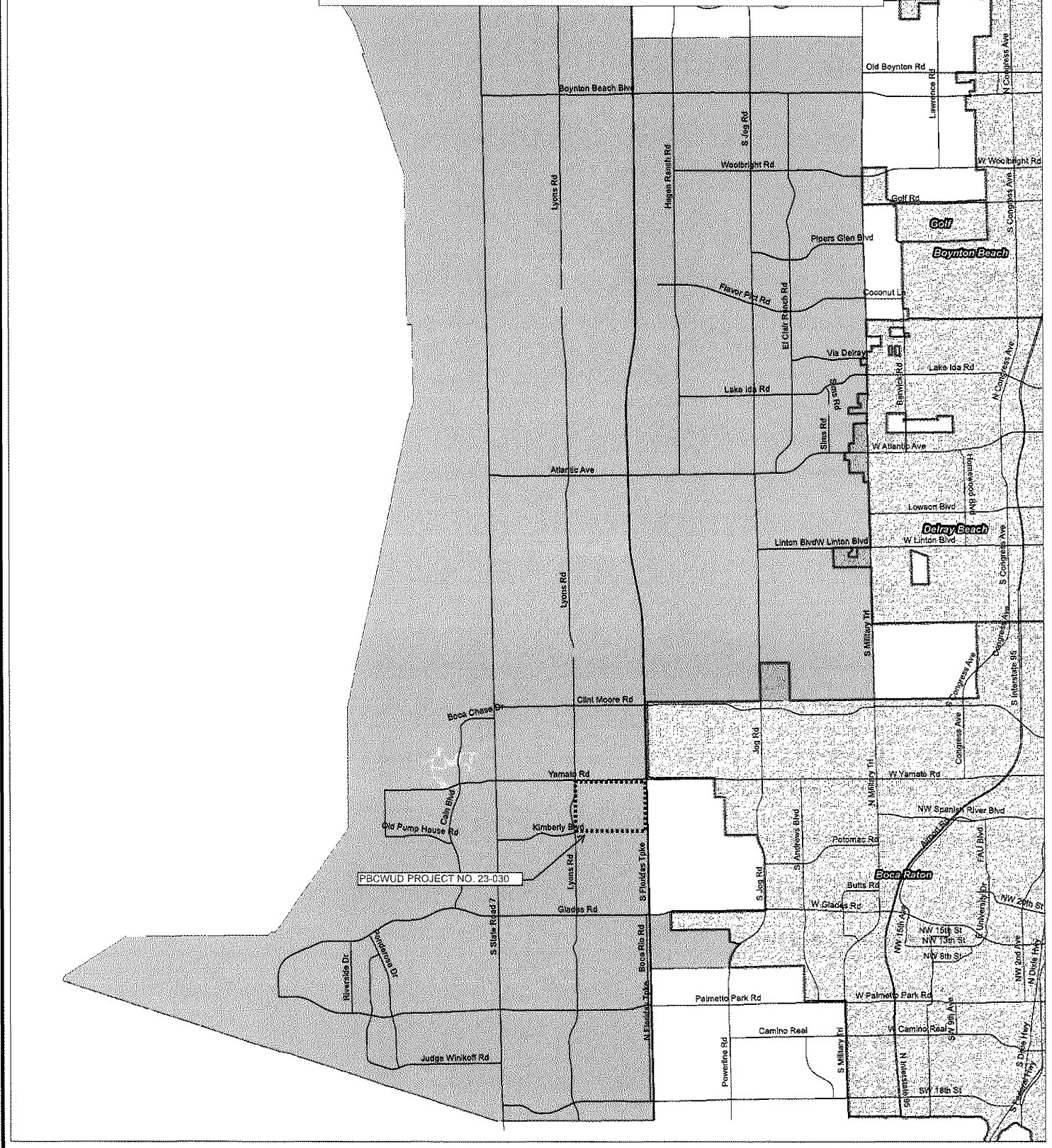
Palm Beach County Water Utilities Department  
 Contract for Consulting/Professional Services  
 Utility Distribution & Collection System Engineering Services  
 Resolution No.  R2020-1897  Contract Dated  December 15, 2020

**SUMMARY OF  
 SBE-M/WBE BUSINESS TRACKING**

<b>Master Contract Goals</b>	<b>SBE: 96%</b>	<b>MBE: 90%</b>	<b>MBE (H): 85%</b>	<b>MBE (A): 5%</b>
Current Proposal				
Value of Authorization No. <u> 9 </u>	\$138,442.79			
Value of SBE-M/WBE Letters of Intent	\$0	\$0	\$0	\$0
Actual Percentage	0%	0%	0%	0%
Signed/Approved Authorizations				
Total Value of Authorizations	\$1,815,502.55			
Total Value of SBE-M/WBE Signed Subcontractors	\$1,564,968.75	\$1,067,268.91	\$1,047,799.06	\$19,469.85
Actual Percentage	86.20%	75.27%	73.90%	1.37%
Signed/Approved Authorizations Plus Current Proposal				
Total Value of Authorization	\$1,953,945.34			
Total Value of Subcontractors & Letters of Intent	\$1,564,968.75	\$1,067,268.91	\$1,047,799.06	\$19,469.85
Actual Percentage	80.93%	68.57%	67.32%	1.25%

Revised 12/20/2022

**ATTACHMENT G  
LOCATION MAP  
KINGS POINT WATER AND SEWER CONDITION ASSESSMENT  
PBCWUD PROJECT NO. 23-030**



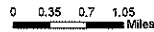
**KINGS POINT WATER AND SEWER CONDITION ASSESSMENT  
PBCWUD PROJECT NO. 23-030**



Municipalities



District 5



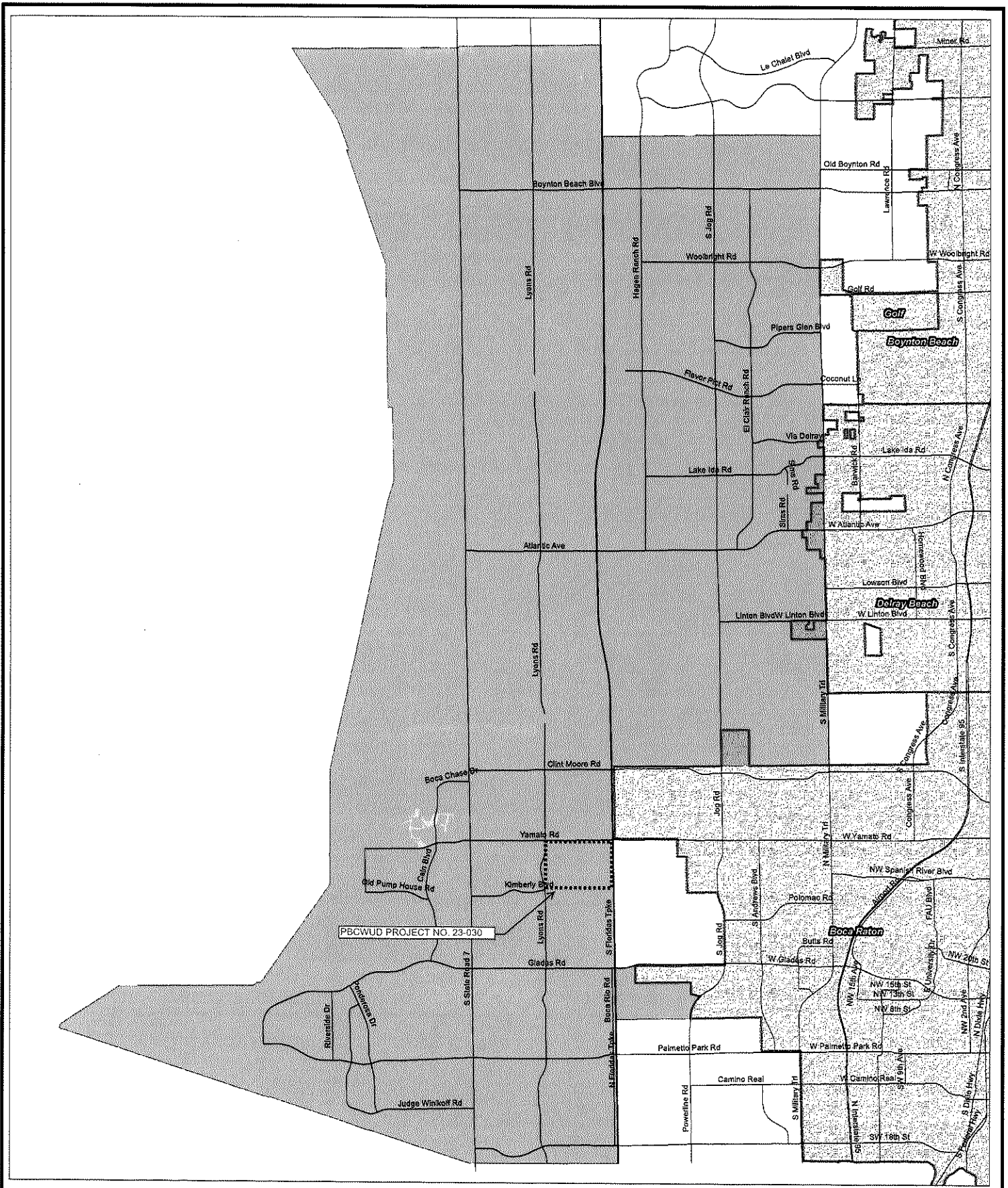
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"Legal: Palm Beach County is providing this data "as is," and Palm Beach County disclaims any and all warranties, whether expressed or implied, including (without limitation) any implied warranties of merchantability or fitness for a particular purpose. In no event will Palm Beach County be liable to you or any third party for any direct, indirect, incidental, consequential, special, or exemplary damages or lost profits resulting from any use or misuse of this data."



**PALM BEACH COUNTY**

GIS Service Bureau December 16, 2021



**ATTACHMENT 2  
LOCATION MAP**

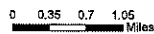
**KINGS POINT WATER AND SEWER CONDITION ASSESSMENT  
PBCWUD PROJECT NO. 23-030**



Municipalities



District 5



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**PALM BEACH COUNTY**

GIS Service Bureau

December 16, 2021



**ATTACHMENT 3**

**Palm Beach County  
Compliance Summary Report**

Vendor Number	Vendor Name	AM Best Rating	Insurance Carrier	Policy #	Eff. Date	Exp. Date	Coverage	Contract Number	Contract Name
DX00001238	Holtz Consulting Engineers, Inc.	Modified	Compliant with Minor/Expiring Deficiencies					19-082	Contract for Consulting/Professional Services Utility Distribution and Collection System Engineering Services
		A++ , XV	Auto-Owners Insurance Company	5339611700	6/9/2022	6/9/2023	Auto Liability		
		Ar , XIV	Crum & Forster Specialty Insurance Company	efx117928	5/15/2021	5/15/2023	Excess Liability		
		Ar , XIV	Crum & Forster Specialty Insurance Company	epk135458	5/15/2021	5/15/2023	General Liability		
		Ar , XIV	Crum & Forster Specialty Insurance Company	EPK135458	5/15/2021	5/15/2023	Professional Liability		
		A++g , XV	Travelers Casualty and Surety Company	UB9K5640712247G	5/15/2022	5/15/2023	Workers Comp		

**Risk Profile :** Standard - General Services  
**Required Additional Insured :** Palm Beach County Board of County Commissioners  
**Ownership Entity :**