

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2022	2023	2024	2025	2026
Capital Expenditures	\$236,306	0	0	0	0
Operating Costs	0	0	0	0	0
External Revenues	0	0	0	0	0
Program Income (County)	0	0	0	0	0
In-Kind Match County	0	0	0	0	0
NET FISCAL IMPACT	\$236,306	0	0	0	0
# ADDITIONAL FTE POSITIONS (Cumulative)	0	0	0	0	0

Budget Account No.: Fund 4011 Dept 721 Unit W031 Object 6543

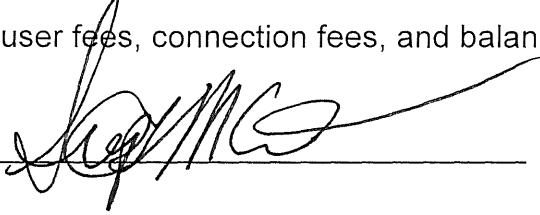
Is Item Included in Current Budget? Yes X No

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

Reporting Category N/A

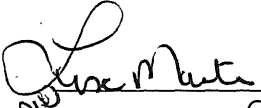
B. Recommended Sources of Funds/Summary of Fiscal Impact:

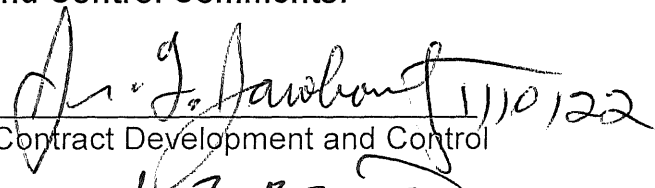
One (1) time expenditure from user fees, connection fees, and balance brought forward.

C. Department Fiscal Review:  GE


III. REVIEW COMMENTS

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

 1/6/22
OFMB 1-6-22
favorable Jackson 1/6/22

 1/10/22
 Contract Development and Control
 1-7-22 TD

B. Legal Sufficiency:

 1/11/22
 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. 4
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: Valve Additions – Phase2

PBCWUD Project No.: 22-003

Consultant: Holtz Consulting Engineers, Inc.

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

Budget Line Item No.: 4011-721-W031- 6543

District No.: 6

This Consultant Services Authorization provides for: Engineering services for the design, permitting and bidding assistance of ninety-one (91) additional isolation valves on water mains at critical locations in Pahokee, Belle Glade, and South Bay (PBCWUD Zone 6).

(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 70.84% overall participation which includes 70.84% M/WBE participation, 70.84% MBE (H), and 0% MBE (A). The cumulative SBE participation, including this Consultant Services Authorization is 83.82%, which includes 75.23% MBE participation, 73.65% MBE (H), and 1.57% 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 \$ 236,305.02
 - B. Fixed price of \$ 0.00
 - C. Total \$ 236,305.02
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.

CONSULTANT SERVICES AUTHORIZATION NO. 4
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: Valve Additions – Phase 2

PBCWUD Project No.: 22-003

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. 4
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: Valve Additions – Phase 2

PBCWUD Project No.: 22-003

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: _____ ^{TV}

Signed: _____

Robert S. Weinroth, Mayor

RB

Typed Name: _____

Deputy Clerk

(Date)

Approved as to Form and Legal
Sufficiency

CONSULTANT: Holtz Consulting
Engineers, Inc.

Signed: _____

David Holtz
(Signature)

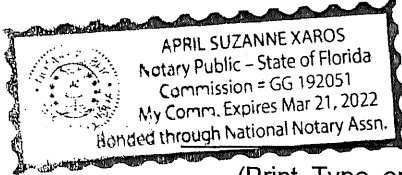
Typed Name: Michael W. Jones
County Attorney

David Holtz, VP
(Name and Title)

11-30-2021
(Date)

STATE OF FLORIDA
COUNTY OF Palm Beach

The foregoing instrument was acknowledged before me by means of physical presence or online notarization,
this 30 day of November, 2021, by David Holtz who is personally
known to me or has produced _____ as identification.



April Xaros
(Signature of Notary Public - State of Florida)

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

LIST OF ATTACHMENTS

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

ATTACHMENT A

SCOPE OF SERVICES

PBCWUD Project No.: 22-003

Project Title: Valve Additions – Phase 2

INTRODUCTION:

The Palm Beach County Water Utilities Department (PBCWUD) will be adding valves in critical locations to allow the isolation of important water mains. PBCWUD has identified ninety-one (91) locations within Zone 6 where new valves need to be installed.

These valves will benefit PBCWUD by allowing the isolation of pipelines during pipe breaks to reduce emergency repair costs and minimize the interruption of water services to customers and critical facilities. This is the second phase of the valve addition program. It includes valve additions at critical locations identified by operations and maintenance staff.

PBCWUD has requested Holtz Consulting Engineers, Inc. (CONSULTANT) to provide the scope of services listed below associated with the design and permitting of ninety-one (91) valves to be added to water mains. The general valve locations will be provided to the CONSULTANT by PBCWUD.

SCOPE OF SERVICES

CONSULTANT shall perform the engineering Scope of Services as described herein and will be responsible for the following tasks:

Task 1 – Kick-off Meeting, Site Visits, and Utility Coordination

- 1.1 Attend one (1) kick-off meeting with PBCWUD staff to discuss project goals, request records, and confirm the proposed improvements; prepare meeting minutes with a list of action items with responsible parties and due dates. Review readily available record drawings, plats, and easements. No survey or title searches are anticipated to be necessary and are not included.
- 1.2 Attend one (1) site visit per each valve location with PBCWUD staff to review the proposed locations for the new valves, the existing locations of the valves to be replaced (if any), and photo document the existing site conditions. The locations selected at the site visits will be the basis of design for the project. Aerial images of each of the valve locations will be obtained and used as the base map for the design drawings along with available Geographic Information System (GIS) data provided by PBCWUD and property line and easement information provided by the Palm Beach County Property Appraiser.
- 1.3 Perform underground utility location services utilizing ground-penetrating radar (GPR) at each proposed valve location. A 20'x20' area will be scanned with the GPR at each of the

ninety-one (91) locations.

Perform soft-dig utility test holes to confirm the existing water main/force main size, material, and depth of cover for up to seventy-one (71) existing mains, as necessary. It is assumed up to ten (10) pothole locations will be in the Palm Beach County road right-of-way (ROW) and up to six (6) of these potholes will require sidewalk restoration and a pedestrian maintenance of traffic (MOT) permit.

- 1.4 Determine conflict locations and submit base drawings to local utilities for mark-up of their existing utilities. Plot utility locations received on the drawing base sheets. Local utilities include, but are not limited to, power, telephone, cable, gas, as well as PBCWUD pipelines. Additional site visits will occur following the initial submittal as needed to review utilities and record drawings in the field as needed.

Task 1 Deliverables:

- Meeting minutes with list of action items
- Aerial layouts of the valve locations
- Utility location reports

Task 2 - Design Phase Services:

Provide design phase engineering services to develop details for connections, restraints, and suggested sequencing for installation of ninety-one (91) valves at locations selected in Task 1. Water main valves for pipes up to ten (10) inches in diameter shall be gate valves in the vertical position and if sufficient cover is not available, the gate valve shall be specified in the horizontal position. Water main valves for pipes greater than ten (10) inches in diameter shall be butterfly valves.

Develop a set of construction drawings anticipated to consist of a cover sheet, key sheets, up to ninety-one (91) plan sheets, phasing sheets (as needed), and detail sheets. These sheets may be of size 8.5"x11" or 11"x17". The base drawings shall be as developed in Task 1 with the approximate locations of known right-of-way, easement, and property lines from the Palm Beach County Property Appraiser, GIS information provided by PBCWUD, and approximate utility locations.

- 2.1 Submit design drawings at 60 percent completion for review and comment. Project specifications will be submitted with the 90 percent complete drawings.
- 2.2 Meet with PBCWUD staff after the 60 percent submittal to review progress drawings, discuss design options, and respond to comments.
- 2.3 Submit design drawings at 90 percent completion for review and comment. Project specifications and an Engineer's Opinion of Probable Construction Cost (EOPCC) will be submitted with the 90 percent complete drawings.
- 2.4 Meet with PBCWUD staff after the 90 percent submittal to review progress drawings, discuss design options, and respond to comments.
- 2.5 Address comments from the 90 percent review meeting and permitting review. Prepare a final drawing submittal with final specifications and EOPCC for PBCWUD's use in obtaining a proposal from one of its pipeline continuing construction contractors, or for bidding, as

decided by PBCWUD.

2.6 Assist with continuing contractor proposal evaluation if this contractor procurement method is chosen by PBCWUD.

Task 2 Deliverables:

- 60 percent progress drawings
- 90 percent progress drawings, specifications, and EOPCC
- Signed and sealed final drawings, specifications, and EOPCC
- Responses to PBCWUD review comments

Task 3 - Permitting Phase Services:

3.1 Prepare and submit a request for the project to be exempt from Palm Beach County Health Department (PBCHD) permitting.

3.2 Prepare and submit up to ten (10) Palm Beach County Engineering and Public Works Department Land Development Division (PBCLD) permit applications to assist PBCWUD to obtain permits for any valves that are anticipated to require a permit because they are located in Palm Beach County road right-of-way. Respond to up to one (1) Request for Additional Information (RAI) for each permit application. No more than twelve (12) sites will be submitted at one time as part of one permit. Valves not in PBCLD right-of-way will be removed from the submittal. Palm Beach County ROW lines will be shown based on the property appraiser's linework overlaid on an aerial and clearly called out on each permit submittal sheet. Each page will have at a minimum, a title block with company name, address, drawing/sheet number, PBCWUD project number, and the date. PBCLD and supplementary details will be provided. A key sheet only depicting valves in PBCLD right-of-way will be included with each permit application. Each sheet of the submittal will be digitally/electronically signed and sealed by a registered Professional Engineer.

3.3 Prepare and submit one (1) PBCLD permit application to assist PBCWUD to obtain a permit for the soft-digs performed within the PBCLD road ROW including obtaining pedestrian MOT permits for locations requiring sidewalk removal and restoration. Respond one (1) RAI for the permit application.

3.4 Prepare and submit six (6) separate permit applications to the Florida Department of Transportation (FDOT) for up to six (6) valves located on mains within the FDOT right-of-way. CONSULTANT shall respond to one (1) RAI for each permit application.

The 90 percent progress drawings shall be submitted with the permit applications. Revisions based on comments from the permitting process will be incorporated into the final drawings.

Task 3 Deliverables:

- PBCHD exemption request
- PBCLD permit applications
- FDOT permit applications

Task 4 - Bid Phase Services

- 4.1 CONSULTANT shall assist PBCWUD in advertising and obtaining bids or negotiating proposals for construction (including materials, equipment, and labor). It is anticipated that work shall be awarded under a single Construction Contract. PBCWUD shall receive and process deposits for bidding documents and maintain a record of prospective bidders to whom bidding documents have been issued.
- 4.2 CONSULTANT shall conduct pre-bid conference in conjunction with PBCWUD staff and provide a written summary of issues discussed.
- 4.3 CONSULTANT shall issue addenda and provide supplemental information or clarification (as appropriate) to interpret, clarify, or expand the bidding documents to all prospective bidders during the bid period.
- 4.4 CONSULTANT shall assist PBCWUD in evaluating bids and proposals, including reference checks. CONSULTANT shall submit to PBCWUD written recommendation of award to the lowest responsive responsible bidder.
- 4.5 CONSULTANT shall prepare conformed contract documents for use by the Contractor during construction.

Task 4 Deliverables:

- Provide bid analysis letter for recommendation of prospective contractor

Task 5 – Project Management

CONSULTANT shall provide project management for engineering and related services including scheduling, preparing monthly progress reports, and providing Quality Assurance and Quality Control (QA/QC) of all communication and deliverables.

- 5.1 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. CONSULTANT will keep PBCWUD informed as to the status and progress of the project. Communication with PBCWUD will be conducted under this task. Invoices shall be prepared on a monthly basis.
- 5.2 QA/QC – CONSULTANT to conduct internal QA/QC review of the deliverables for conformance to 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.
- 5.3 Monthly Status Report – Submit a monthly status report summarizing the progress of the project along with an updated project schedule. This report and schedule will be submitted with each monthly invoice.

Task 5 Deliverables:

- Schedules, status reports, and invoices

ASSUMPTIONS

1. PBCWUD shall pay all permit and application fees.
2. A PBCHD permit will not be required.
3. No more than eleven (11) PBCLD permits will be required for the project and it is anticipated the permits will be issued within four (4) months.
4. All of the proposed valves will be cut in, where feasible. PBCWUD shall identify and field locate existing isolation valves and confirm their functionality prior to the final design. The design and use of line stops, insertion valves, and flow through line stops will be avoided if possible.
5. Up to seventy-one (71) utility test holes are included to confirm main size, depth, material, and joint restraint.
6. Existing valves to be replaced are properly restrained and no additional restraints are necessary. Additional restraint will be considered when new valves are to be located away from existing valves.
7. All valves and project improvements are located within existing easement/ROW and preparing/obtaining easements for the project will not be required. Survey is not anticipated for the design and not included. The design will be developed based on available aerial images with available GIS information from PBCWUD, parcel lines from the Palm Beach County Property Appraiser, and approximate locations of other utilities as provided by the owners and limited GPR and pothole information.
8. Progress submittals will be electronic. It is anticipated that up to six (6) valves will be installed in the FDOT ROW and if additional FDOT permits are required, it will be additional services. PBCWUD will coordinate with private property owners if valves are to be installed in private roadways.
9. All pipes are assumed to be installed with a minimum of three (3) feet of cover at valve locations and profile drawings are not anticipated to be required by PBCWUD or for permitting. Record drawings will be reviewed to estimate cover at valve locations.
10. Construction phase engineering services are not included.
11. Task 4 may be completed prior to obtaining FDOT and PBCLD permits to help expedite the project.

ATTACHMENT C

OEBO SCHEDULE 1

Office of Equal Business Opportunity Compliance Programs

OEBO SCHEDULE 1

LIST OF PROPOSED CONTRACTOR/CONSULTANT AND SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION

Valve Additions - Phase 2

SOLICITATION/PROJECT/BID NAME: _____
 NAME OF PRIME RESPONDENT/BIDDER: Holtz Consulting Engineers, Inc.
 CONTACT PERSON: Stephen Fowler, P.E.
 SOLICITATION OPENING/SUBMITTAL DATE: N/A

SOLICITATION/PROJECT/BID No.: WUD 22-003
 ADDRESS: 270 South Central Blvd. Suite 207, Jupiter, FL 33458
 PHONE NO.: 561-575-2005 E-MAIL: stephen.fowler@holtzconsulting.com
 DEPARTMENT: PBCWUD

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

Name, Address and Phone Number	(Check all Applicable Categories)			DOLLAR AMOUNT OR PERCENTAGE OF WORK				
	Non-SBE	M/WBE Minority/Women Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Other (Please Specify)
1. Holtz Consulting Engineers, Inc. 270 S. Central Blvd., Suite 207 Jupiter, FL 33458 561-575-2005	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	_____	\$167,405.02	_____	_____	_____
2. Underdog Utility Detection, LLC 3819 Victoria Drive West Palm Beach, FL 33408 561-687-8536	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	\$68,900.00	_____
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____

(Please use additional sheets if necessary)

Total Bid Price \$ \$236,305.02

Total \$167,405.02
 Total SBE - M/WBE Participation \$167,405.02 / 70.84%

I hereby certify that the above information is accurate to the best of my knowledge: Andrea Holtz Signature Andrea Holtz, President Title

- Note:**
1. The amount listed on this form for a Subcontractor/subconsultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
 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/or M/WBE, please indicate the dollar amount under the appropriate category.
 3. 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 04/26/2021

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 22-003

SOLICITATION/PROJECT NAME: Valve Additions - Phase 2

Prime Contractor: Holtz Consulting Engineers, Inc. Subcontractor: Holtz Consulting Engineers, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 10/3/19-10/2/22

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

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

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
1	Engineering Services		1		\$167,405.02

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: \$167,405.02

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.

_____ Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

Holtz Consulting Engineers, Inc.

Print Name of Prime

By: Andrea Holtz
Authorized Signature

Andrea Holtz

Print Name

President

Title

Date: 11-9-21

Holtz Consulting Engineers, Inc.

Print Name of Subcontractor/subconsultant

By: Andrea Holtz
Authorized Signature

Andrea Holtz

Print Name

President

Title

Date: 11-9-21

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 22-003

SOLICITATION/PROJECT NAME: Valve Additions - Phase 2

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):

Column 1	Column 2	Column 3
<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"/> Supplier
	<input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	

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
1	Underground Utility Locating Services		1		\$68,900.00

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: \$68,900.00

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.

_____ Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

Holtz Consulting Engineers, Inc.
 Print Name of Prime
 By: Andrea Holtz
 Authorized Signature
 Andrea Holtz
 Print Name
 President
 Title
 Date: 11-9-2021

Underdog Utility Detection, LLC
 Print Name of Subcontractor/subconsultant
 By: Justin Ryan
 Authorized Signature
 Justin Ryan
 Print Name
 President
 Title
 Date: 11-9-2021

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 Services</u>	<u>Completion Date from Notice to Proceed (Calendar Days)</u>
Task 1 Kick-off Meeting, Site Visits, Utility Coordination	90
Task 2 Design Phase Services	210
Task 3 Permitting Phase Services	240
Task 4 Bid Phase Services	285
Task 5 Project Management	Throughout Project Duration
Total Duration	285 Calendar Days

Revised 04/26/2021

Underdog Utility Detection LLC.3524 Lone Pine Road
Delray Beach FL 33445**Proposal****Proposal Date:** 10/18/2021**Proposal #:** 628**Project:** PBC Valve Repla...**Bill To:**Holtz Consulting
270 Central Blvd
Jupiter FL. 33458

Description	Est. Hours/Qty.	Rate	Total
Locate and mark underground utilities utilizing Electromagnetic and Ground Penetrating Radar. 4Hr Min.	184	200.00	36,800.00
Pot hole excavation on soft surfaces.	65	300.00	19,500.00
Pot hole excavation on hard surfaces.	6	350.00	2,100.00
Mobile MOT crew and equipment as needed to close sidewalks/ lanes and re route pedestrian or vehicle traffic if needed to perform digs. This does not include any electronic message boards or permitting if needed. MOT will only be billed as needed and used.	6	1,750.00	10,500.00
<p>Palm Beach County Phase 2 Valve additions (Zone 6)</p> <p>Scope: The project involves installing/ replacing valves on existing water mains and force mains. There are 92 valves total in various locations. The attached file has a list of the nearest address for most of the valves. Proposing to scan a 20ft x 20ft around the valve at each location, also to include 71 soft/hard digs to be used at some of the locations to verify the size/material of the main getting the new valve.</p>			
Total			\$68,900.00

ATTACHMENT F

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

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

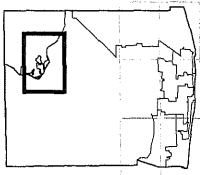
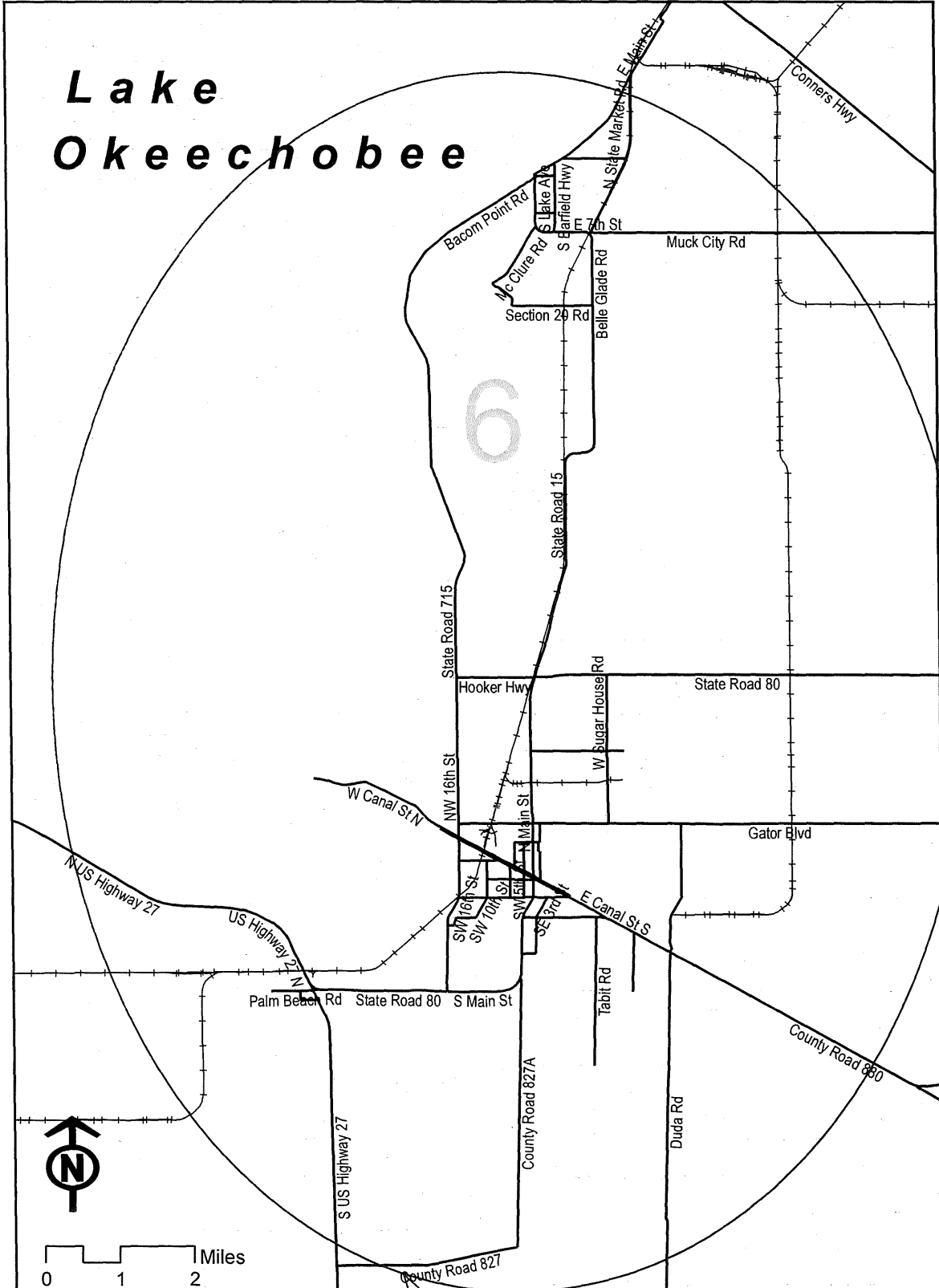
Master Contract Goals	SBE: 96%	M/WBE: 90%	MBE (H): 85%	MBE (A): 5%
Current Proposal				
Value of Authorization No. <u> 4 </u>	\$236,305.02			
Value of SBE-M/WBE Letters of Intent	\$167,405.02	\$167,405.02	\$167,405.02	\$0.00
Actual Percentage	70.84%	70.84%	70.84%	0%
Signed/Approved Authorizations				
Total Value of Authorizations	\$986,036.60			
Total Value of SBE-M/WBE Signed Subcontractors	\$857,257.80	\$752,207.80	\$732,937.80	\$19,270.00
Actual Percentage	86.93%	76.28%	74.33%	1.95%
Signed/Approved Authorizations Plus Current Proposal				
Total Value of Authorization	\$1,222,341.62			
Total Value of Subcontractors & Letters of Intent	\$1,024,662.82	\$919,612.82	\$900,342.82	\$19,270.00
Actual Percentage	83.82%	75.23%	73.65%	1.57%

Revised 04/26/2021

Location Map

ATTACHMENT G

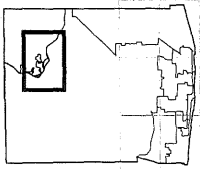
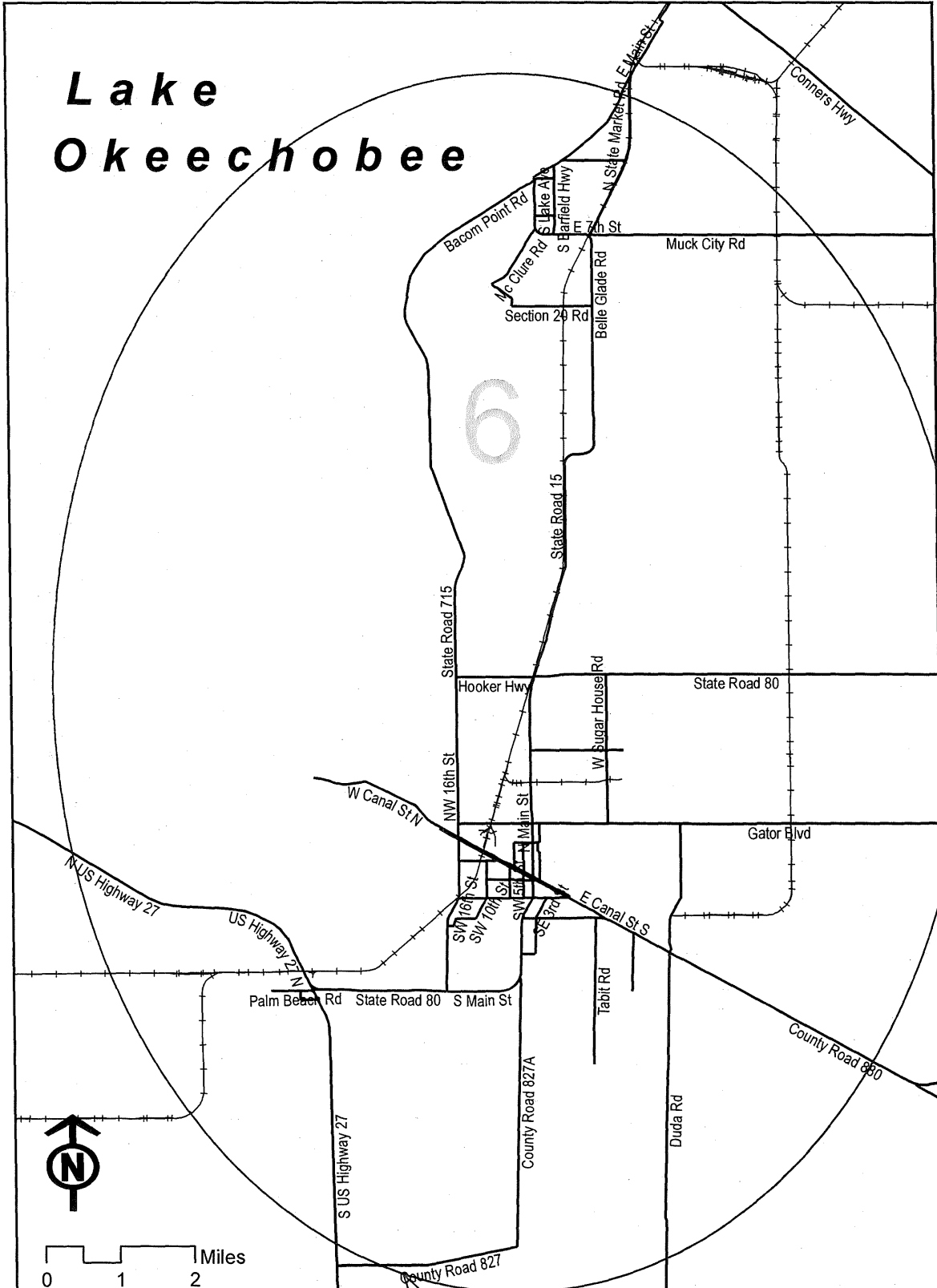
CONSULTANT SERVICES AUTHORIZATION NO. 4
HOLTZ CONSULTING ENGINEERS, INC.
WUD PROJECT NO. 22-003



WUD Project No.
22-003

Location Map

ATTACHMENT 2
HOLTZ CONSULTING ENGINEERS, INC.
WUD PROJECT NO. 22-003



WUD Project No.
22-003



ADDITIONAL REMARKS SCHEDULE

AGENCY CAL Risk Management		NAMED INSURED Holtz Consulting Engineers, Inc. 270 S Central Boulevard Suite 207 Jupiter, FL 33458 Palm Beach	
POLICY NUMBER SEE PAGE 1		NAIC CODE SEE P 1	
CARRIER SEE PAGE 1		EFFECTIVE DATE: SEE PAGE 1	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
 FORM NUMBER: ACORD 25 FORM TITLE: Certificate of Liability Insurance

Description of Operations/Locations/Vehicles:
 additional insured for ongoing and completed operations for general liability per forms EN0111 & EN0320 when required by written contract. General Liability is primary and non-contributory when required by written contract. Waiver of subrogation applies to general liability, and workers compensation when required by written contract. Cancellation per policy terms and conditions.