

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2024	2025	2026	2027	2028
Capital Expenditures	\$2,049,099	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	\$2,049,099	0	0	0	0
# ADDITIONAL FTE POSITIONS (Cumulative)	0	0	0	0	0
Budget Account No.:	Fund <u>4011</u>	Dept <u>721</u>	Unit <u>W003</u>	Object <u>6541</u>	

Is Item Included in Current Budget? Yes X No
Is this item using Federal Funds? Yes No X
Is this item using State 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: See Encl for EIR

III. REVIEW COMMENTS

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

ASD/ML 1/19/24
OFMB GA 1/18
MR 1/18

Sunny M. Brown 1/23/24
Contract Development and Control

B. Legal Sufficiency:

[Signature] 1/25/24
Assistant County Attorney

C. Other Department Review:

Department Director

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

WORK ORDER NO. 4
Palm Beach County Water Utilities Department
Optimization and Improvements Design-Build
Resolution No. R2023-0086 Contract Dated December 20, 2022

Project Title: Water Treatment Plant No.3 Acid Line Replacement

PBCWUD Project No.: 24-005

Design-Build Entity: Globaltech, Inc.

Address: 6001 Broken Sound Pkwy NW, Ste. 610, Boca Raton, Florida 33487

Budget Line Item No.: 4011 - 721 - W003 - 6541

District: 5

This Work Order provides for the design and construction of a new sulfuric acid piping system from the acid pump station to acid dilution panels, which were damaged from an acid leak from the carrier piping, in addition to rehabilitating the chemical trenches and providing a coating system to protect the concrete trenches. Work also includes condition assessment and repairs for acid leaks on September 29, 2023, and November 29, 2023.

See **ATTACHMENT A** for a detailed scope of services.

The Contract provides 24% SBE participation, including 12% MBE participation, 5.5% MBE (B), 4% MBE (A), and 2.5% MBE (H). This Work Order includes 5.91% overall participation, which includes 2.72% MBE participation, 0.72% MBE (B), 2.00% MBE (A), and 0% MBE (H). The cumulative SBE participation, including this Work Order, is 8.29%, which includes 5.42% MBE participation, 4.00% MBE (B), 1.41% MBE (A), and 0% MBE (H).

1. Services completed by the Design-Build Entity to date:

See **ATTACHMENT B**.

2. Design-Build Entity shall begin work within ten (10) calendar days from the issuance of the Notice to Proceed (NTP). Execution of the Project will be accomplished as follows from the issuance of the NTP:

Substantial Completion	<u>345</u>	Calendar Days
Final Construction Completion	<u>405</u>	Calendar Days

Liquidated damages will apply as follows:

\$1,000.00 per day past substantial completion date.
\$500.00 per day past final completion date.

3. The Guaranteed Maximum Price compensation to be paid to the Design-Build Entity for providing the requested services in accordance with the Contract Bid Prices is \$2,049,098.06
4. This Work Order does not amend, change, or modify the Contract, which remains in full force and effect.
5. All attachments to this Work Order are incorporated herein and made a part of this Work Order.

WORK ORDER NO. 4
Palm Beach County Water Utilities Department
Optimization and Improvements Design-Build
Resolution No. R2023-0086 Contract Dated December 20, 2022

Project Title: Water Treatment Plant No.3 Acid Line Replacement

PBCWUD Project No.: 24-005

IN WITNESS WHEREOF, this Work Order 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: _____

Typed Name: _____
Deputy Clerk

KBA
AB

Maria Sachs, Mayor

PB 01/02/2023

(Date)

Globaltech, Inc.
(Design-Build Entity)

Approved as to Form and Legal Sufficiency

Bruce Rahmani, PE
(Print Name)

Signed: _____

B. Rahmani
(Signature)

Typed Name: Michael W. Jones
County Attorney

Vice President of Construction
(Title)

12/28/2023
(Date)

STATE OF FLORIDA

COUNTY OF PALM BEACH

The foregoing instrument was acknowledged before me by means of physical presence online notarization on this
or 28th day of December 2023 by Bruce Rahmani, who is personally known to me

or has produced _____ as identification.



R. Cloyd
(Signature of Notary Public - State of Florida)

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

WORK ORDER NO. 4
Palm Beach County Water Utilities Department
Optimization and Improvements Design-Build
Resolution No. R2023-0086 Contract Dated December 20, 2022

LIST OF ATTACHMENTS

ATTACHMENT A	Scope of Work
ATTACHMENT B	Summary and Status of Work Orders
ATTACHMENT C	Public Construction Bond
ATTACHMENT D	Form of Guarantee
ATTACHMENT E	Work Order Schedule of Bid Items
ATTACHMENT F	OEBO Schedules 1 and 2
ATTACHMENT G	Summary of SBE-M/WBE Business Tracking
ATTACHMENT H	Location Map
ATTACHMENT I	Design-Build Criteria
ATTACHMENT J	Supporting Document

REVISED 12/20/2022

ATTACHMENT A

SCOPE OF WORK

PBCWUD PROJECT NO.: 24-005

PROJECT TITLE: Water Treatment Plant No.3 Acid Line Replacement

Globaltech, Inc. (DESIGN-BUILD ENTITY) shall perform the Scope of Services as described in the Design-Criteria Report and as further described herein:

Summary of Work:

The Design-Build will replace the sulfuric acid supply lines that run from the pump room to the dilution system. Due to a crack in the carrier piping, 93% sulfuric acid leaked into the containment piping, which ultimately caused a system failure and led to the acid spilling out into all the chemical trenches connected to the acid delivery trench. As a result, the acid caused damage to the concrete trenches' sidewalls and floors, requiring an emergency response from the Design-Build Entity to remove the acidic media.

To prevent future incidents, the Design-Build Entity must permanently replace the double wall piping that feeds the dilution system and fully rehabilitate the trenches. This includes providing a temporary system that can function above ground to facilitate trench rehabilitation.

Sulfuric Acid Line Replacement

- Notify the Florida Department of Environmental Protection (FDEP) about the unplanned episodic release of sulfuric acid into chemical trenches and submit the DEP-8700-12FL form.
- Remove acidic media from chemical trenches. Media is to be containerized and disposed of as hazardous waste. Diluted liquid media may be Power of Hydrogen (pH) balanced (pH 7.0) and drained onsite. Locate source of leak.
- Protect the chemical trench adjacent to the chemical delivery area with road plates to cover approximately 50 Linear Feet (LF) of the trench.
- Provide "on-call" emergency response should any future release occur. Furnish and install conveyance tubing/piping from the pump room to the dilution panel should the remaining piping system fail.
- Demolish existing sulfuric acid piping from the pump room to flanges immediately adjacent to the dilution panel.
- Rehabilitate Caustic trench floor and sidewalls. This trench runs from the Caustic bulk storage area to the pump room. This trench is not to be coated.
- Install a temporary double-contained conveyance system for sulfuric acid and anti-scalant. Provide a single-wall hot water line.
- Rehabilitate sulfuric acid trench from acid pump room to acid dilution panel consisting of the following:
 - Pressure wash trenches to remove loose concrete and aggregate back to competent surfaces.
 - Test and balance the Power of Hydrogen (pH) of trench sidewalls/floor.
 - Install link seals to adjacent chemical trenches for exclusivity.
 - Resurface concrete to create a uniform surface.
 - Coat trench

- Furnish and install a new trench piping support system.
- The new sulfuric acid piping shall continuously expose 98% sulfuric acid. Provide adequate safety measures to suit concentrated sulfuric acid with the proposed system.
- Furnish and install one-inch (1") Halar acid piping with three-inch (3") polypropylene secondary containment from the flanges inside the acid pump room to the flanges outside the dilution panel. The piping shall be installed within the existing chemical trench.
- Install and test the new piping.
- The County will drain the existing sulfuric acid system.
- Furnish and install replacement of 650LF of Chlorinated Poly Vinyl Chloride (CPVC) piping for ancillary sodium hypochlorite injection points. These lines split from a single line inside the chemical trench outside the sodium hypochlorite pump room.
- Label new piping.
- Furnish and install a new leak detection system at acid suction and discharge.

Allowance

A \$100,000.00 allowance fee is placed for Existing Dilution Panel Modifications.

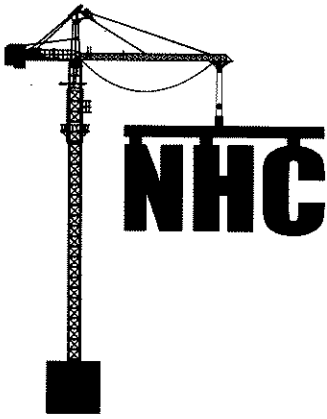
Permits and Fees

Design-Build Entity shall secure all permits required to complete the work under this contract. The Design-Build Entity shall be responsible for all inspections and requirements to close the completed permits. The Owner will pay all permit fees. The DesignBuild Entity shall be responsible for all business tax fees for work within Palm Beach County or Municipalities.

ATTACHMENT B

SUMMARY AND STATUS OF WORK ORDERS

Work Order No.	PBCWUD Project No.	Title	Status	Project Total Amount	SBE Total Amount	SBE Participation %	Approved	
							By	Date
1	23-017	Water Treatment Plant No. 3 Raw 42" Water Line Replacement	APPROVED	\$4,050,826.00	\$376,699.94	9.29%	BCC	2/7/23
2	23-034	Wells Electrical Improvement	APPROVED	\$1,363,398.57	\$893,160.68	65.51%	BCC	12/19/23
3	22-010	East Central Regional Water Reclamation Facility Reclaimed Water Facility Improvements – Phase 3	PENDING	\$4,441,139.00	\$547,552.23	12.32%	BCC	PENDING
4	24-005	Water Treatment Plant No. 3 Acid Line Replacement	PENDING	\$2,049,098.06	\$121,161.16	5.91%	BCC	PENDING



NIELSON, ROSENHAUS & ASSOCIATES
A NIELSON HOOVER GROUP COMPANY



December 21, 2023

Globaltech, Inc.
6001 Broken Sound Parkway NW
Suite 610
Boca Raton, FL 33487

RE: Palm Beach County, as Obligee
Water Treatment Plant No.3 Acid Line Replacement, PBCWUD 24-005, as Project
Bond No. SU1184756

Dear Ladies and Gentlemen:

Please supply us with the following information for the above captioned final bond:

Executed Contract with Date: X _____

Please be advised that as Surety on the above referenced bond, we hereby authorize Palm Beach County to date the Public Construction Bond, Power of Attorney with the contract date and date the Form of Guarantee upon substantial completion. The contract date MAY BE THE SAME date as the execution of the bond or PRIOR to the execution date of the bonds.

We will forward this information onto your surety company upon our receipt. Please return as soon as possible.

Thank you for your cooperation.

Sincerely,

Brett Rosenhaus
Attorney-in-Fact
Florida Licensed Agent

220 Congress Park Drive
Suite 100
Delray Beach, FL 33445
P: 561.454.8210
F: 561.455.4787
W: nielsonbonds.com

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for Note, Loan, Letter of Credit, Currency Rate, Interest Rate or Residential Value Guarantees.

POWER OF ATTORNEY

Know All Persons By These Presents:

That the Arch Insurance Company, a corporation organized and existing under the laws of the State of Missouri, having its principal administrative office in Jersey City, New Jersey (hereinafter referred to as the "Company") does hereby appoint:

Brett Rosenhaus of Delray Beach, FL Charles D. Nielson, Charles J. Nielson, David R. Hoover and Jarrett Merlucci of Miami Lakes, FL (EACH) F. Danny Gann, Edward T. Ward and Audria R. Ward of Atlanta, GA (EACH) John R. Neu and Kevin Wojtowicz of St. Petersburg, FL (EACH) Laura D. Mosholder of Orlando, FL

its true and lawful Attorney(s)-in-Fact, to make, execute, seal, and deliver from the date of issuance of this power for and on its behalf as surety, and as its act and deed: Any and all bonds, undertakings, recognizances and other surety obligations, in the penal sum not exceeding Ninety Million Dollars (\$90,000,000.00). This authority does not permit the same obligation to be split into two or more bonds In order to bring each such bond within the dollar limit of authority as set forth herein.

The execution of such bonds, undertakings, recognizances and other surety obligations in pursuance of these presents shall be as binding upon the said Company as fully and amply to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal administrative office in Jersey City, New Jersey.

This Power of Attorney is executed by authority of resolutions adopted by unanimous consent of the Board of Directors of the Company on December 10, 2020, true and accurate copies of which are hereinafter set forth and are hereby certified to by the undersigned Secretary as being in full force and effect:

"VOTED, That the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, or the Secretary shall have the power and authority to appoint agents and attorneys-in-fact, and to authorize them subject to the limitations set forth in their respective powers of attorney, to execute on behalf of the Company, and attach the seal of the Company thereto, bonds, undertakings, recognizances and other surety obligations obligatory in the nature thereof, and any such officers of the Company may appoint agents for acceptance of process."

This Power of Attorney is signed, sealed and certified by facsimile under and by authority of the following resolution adopted by the unanimous consent of the Board of Directors of the Company on December 10, 2020:

VOTED, That the signature of the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, and the signature of the Secretary, the seal of the Company, and certifications by the Secretary, may be affixed by facsimile on any power of attorney or bond executed pursuant to the resolution adopted by the Board of Directors on December 10, 2020, and any such power so executed, sealed and certified with respect to any bond or undertaking to which it is attached, shall continue to be valid and binding upon the Company. In Testimony Whereof, the Company has caused this instrument to be signed and its corporate seal to be affixed by their authorized officers, this 2nd day of June, 2022.

Attested and Certified

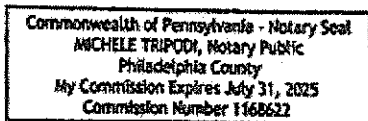
Regan A. Shulman
Regan A. Shulman, Secretary



Arch Insurance Company
Stephen C. Ruschak
Stephen C. Ruschak, Executive Vice President

STATE OF PENNSYLVANIA SS
COUNTY OF PHILADELPHIA SS

I, Michele Tripodi, a Notary Public, do hereby certify that Regan A. Shulman and Stephen C. Ruschak personally known to me to be the same persons whose names are respectively as Secretary and Executive Vice President of the Arch Insurance Company, a Corporation organized and existing under the laws of the State of Missouri, subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that they being thereunto duly authorized signed, sealed with the corporate seal and delivered the said instrument as the free and voluntary act of said corporation and as their own free and voluntary acts for the uses and purposes therein set forth.



Michele Tripodi
Michele Tripodi, Notary Public
My commission expires 07/31/2025

CERTIFICATION

I, Regan A. Shulman, Secretary of the Arch Insurance Company, do hereby certify that the attached Power of Attorney dated June 2, 2022 on behalf of the person(s) as listed above is a true and correct copy and that the same has been in full force and effect since the date thereof and is in full force and effect on the date of this certificate; and I do further certify that the said Stephen C. Ruschak, who executed the Power of Attorney as Executive Vice President, was on the date of execution of the attached Power of Attorney the duly elected Executive Vice President of the Arch Insurance Company.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the Arch Insurance Company on this 21 day of December 2023.

Regan A. Shulman
Regan A. Shulman, Secretary

This Power of Attorney limits the acts of those named therein to the bonds and undertakings specifically named therein and they have no authority to bind the Company except in the manner and to the extent herein stated.

PLEASE SEND ALL CLAIM INQUIRIES RELATING TO THIS BOND TO THE FOLLOWING ADDRESS:

Arch Insurance – Surety Division
3 Parkway, Suite 1500
Philadelphia, PA 19102



To verify the authenticity of this Power of Attorney, please contact Arch Insurance Company at SuretyAuthentic@archinsurance.com Please refer to the above named Attorney-in-Fact and the details of the bond to which the power is attached.

ATTACHMENT C

PUBLIC CONSTRUCTION BOND – WORK ORDER NO. 4
OPTIMIZATION AND IMPROVEMENTS DESIGN-BUILD
RESOLUTION NO. R2023-0086 Contract Dated December 20, 2022

PROJECT TITLE: Water Treatment Plant No.3 Acid Line Replacement

PBCWUD PROJECT NO.: 24-005

BOND NUMBER: SU1184756

WORK ORDER/BOND AMOUNT: \$2,049,098.06

DESIGN-BUILD ENTITY'S NAME: Globaltech, Inc.

DESIGN-BUILD ENTITY'S ADDRESS: 6001 Broken Sound Parkway NW, Ste. 610
Boca Raton, FL 33487

DESIGN-BUILD ENTITY'S PHONE: 561-997-6433

SURETY COMPANY: Arch Insurance Company

SURETY'S ADDRESS: 300 Plaza Three
Jersey City, NJ 07311

OWNER'S NAME: PALM BEACH COUNTY WATER UTILITIES DEPARTMENT

OWNER'S ADDRESS: 8100 Forest Hill Boulevard
West Palm Beach, FL 33413

OWNER'S PHONE: (561) 493-6000

DESCRIPTION OF WORK: Provide engineering and construction services to replace sulfuric acid supply lines from the pump room to the dilution system.

PROJECT LOCATION: Water Treatment Plant No. 3 (WTP 3)

LEGAL DESCRIPTION: PCN 00-42-46-10-00-000-1020

Revised 12/20/2022

PUBLIC CONSTRUCTION BOND

This Bond is issued in favor of the County conditioned on the full and faithful performance of the Work Order No. 4 to the Optimization and Improvements Design-Build Contract Resolution No. R2023-0086 dated on December 20, 2022.

KNOW ALL MEN BY THESE PRESENTS: that Contractor and Surety, are held and firmly bound unto

Palm Beach County Board of County Commissioners
301 N. Olive Avenue
West Palm Beach, Florida 33401

as Obligee, herein called County, for the use and benefit of the claimant as herein below defined, in the amount of two million, forty-nine thousand, and ninety-eight dollars and six cents, **\$2,049,098.06**

for the payment whereof Principal and Surety bind themselves, their heirs, personal representatives, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS,

Principal has by written agreement dated _____, 2024, entered into Work Order No. 4 to the Optimization and Improvements Design-Build Contract Resolution No. R2023-0086 with the County for:

Work Order Project Name: Water Treatment Plant No. 3 Acid Line Replacement
Work Order Project No.: PBCWUD 24-005
Project Description: Provide engineering and construction services to replace sulfuric acid supply lines from the pump room to the dilution system.
Project Location: Water Treatment Plant No. 3 (WTP 3)

in accordance with Design Criteria Drawings and Specifications prepared by

Name of Design Firm: Palm Beach County Water Utilities Department
Location of Firm: 8100 Forest Hill Blvd. West Palm Beach, FL 33413
Phone: 561-493-6000
Fax: 561-493-6008

which Work Order No. 4 to the Optimization and Improvements Design-Build Contract Resolution No. R2023-0086 is by reference made a part hereof in its entirety, and is hereinafter referred to as the Work Order.

1. THE CONDITION OF THIS BOND is that if Principal:
 - a. Performs the Work Order dated _____, 2024, between Principal and County for the construction of the above project, the Work Order being made a part of this bond by reference, at the times and in the manner prescribed in the Work Order; and
 - b. Promptly makes payments to all claimants, as defined in Section 255.05, Florida Statutes, supplying Principal with labor, materials, or supplies, used directly or indirectly by Principal in the prosecution of the work provided for in the Work Order; and

Revised 12/20/2022

c. Pays County all losses, damages (including liquidated damages), expenses, costs, and attorneys' fees, including appellate proceedings, that County sustains because of a default by Principal under the Work Order; and

d. Performs the guarantee of all work and materials furnished under the Work Order for the time specified in the Work Order; then this bond is void; otherwise it remains in full force.

2. Any changes in or under the contract documents and compliance or noncompliance with any formalities connected with the Work Order or the changes does not affect Surety's obligation under this bond and Surety waives notice of such changes.

3. The amount of this bond shall be reduced by and to the extent of any payment or payments made in good faith hereunder, inclusive of the payment by Surety of construction liens which may be filed of record against said improvement, whether or not claim for the amount of such lien be presented under and against the bond.

4. Principal and Surety expressly acknowledge that any and all provisions relating to consequential, delay and liquidated damages contained in the Work Order are expressly covered by and made a part of this Performance, Labor and Material Payment Bond. Principal and Surety acknowledge that any such provisions lie within their obligations and within the policy coverage's and limitations of this instrument.

5. Section 255.05, Florida Statutes, as amended, together with all notice and time provisions contained therein, is incorporated herein, by reference, in its entirety. Any action instituted by a claimant under this bond for payment must be in accordance with the notice and time limitation provisions in Section 255.05(2), Florida Statutes. This instrument regardless of its form, shall be construed and deemed a statutory bond issued in accordance with Section 255.05, Florida Statutes.

6. Any action brought under this instrument shall be brought in the state court of competent jurisdiction in Palm Beach County, Florida and not elsewhere.

R Clard
Witness

Rachael Cloyd
Print Name

Rita Lazarides
Witness

Rita Lazarides
Print name

Globaltech, Inc.
Principal (Seal)

Bruce Rahmani
Bruce Rahmani, PE

Vice President of Construction
Title

Arch Insurance Company
Surety (Seal)

Brett Rosenhaus
Brett Rosenhaus

Attorney-in-Fact
Title

ATTACHMENT D

FORM OF GUARANTEE

GUARANTEE FOR Globaltech, Inc. and Arch Insurance Company

We the undersigned hereby guarantee that the **Optimization and Improvements Design-Build, Resolution No. R2023-0086, Contract Dated December 20, 2022, PBCWUD Project No. 24-005, Work Order No. 4, Project Title: Water Treatment Plant No. 3 Acid Line Replacement, Palm Beach County, Florida, which we have constructed and bonded, has been done in accordance with the plans and specifications; that the work constructed will fulfill the requirements of the guaranties included in the Contract Documents. We agree to repair or replace any or all of our work, together with any work of others which may be damaged in so doing, that may prove to be defective in the workmanship or materials within a period of one year from the date of Final Completion of all of the above named work by the County of Palm Beach, State of Florida, without any expense whatsoever to said County of Palm Beach, ordinary wear and tear and unusual abuse or neglect excepted by the County. The date of Final Completion shall be the date set forth on the fully executed and acknowledged Contractor's Certification of Final Completion form. When correction work is started, it shall be carried through to completion.**

In the event of our failure to acknowledge notice, and commence corrections of defective work within five (5) calendar days after being notified in writing by the Board of County Commissioners, Palm Beach County, Florida, we, collectively or separately, do hereby authorize Palm Beach County to proceed to have said defects repaired and made good at our expense and we will honor and pay the costs and charges therefore upon demand.

County and (Design-Build Entity, engineer, architect as applicable) agree that the provisions of Florida Statute Chapter 558 shall not apply to Contract/Agreement.


SEAL AND NOTARIAL ACKNOWLEDGMENT OF SURETY

Globaltech, Inc.(Seal)
(Design-Build Entity)

By: 
(Signature)

Bruce Rahmani, PE, VP of Construction
(Print Name)

Arch Insurance Company(Seal)
(Surety)

By: 
(Signature)

Brett Rosenhaus, Attorney-in-Fact
(Print Name)

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for Note, Loan, Letter of Credit, Currency Rate, Interest Rate or Residential Value Guarantees.

POWER OF ATTORNEY

Know All Persons By These Presents:

That the Arch Insurance Company, a corporation organized and existing under the laws of the State of Missouri, having its principal administrative office in Jersey City, New Jersey (hereinafter referred to as the "Company") does hereby appoint:

Brett Rosenhaus of Delray Beach, FL Charles D. Nielson, Charles J. Nielson, David R. Hoover and Jarrett Merlucci of Miami Lakes, FL (EACH) F. Danny Gann, Edward T. Ward and Audria R. Ward of Atlanta, GA (EACH) John R. Neu and Kevin Wojtowicz of St. Petersburg, FL (EACH) Laura D. Mosholder of Orlando, FL

its true and lawful Attorney(s)-in-Fact, to make, execute, seal, and deliver from the date of issuance of this power for and on its behalf as surety, and as its act and deed: Any and all bonds, undertakings, recognizances and other surety obligations, in the penal sum not exceeding Ninety Million Dollars (\$90,000,000.00). This authority does not permit the same obligation to be split into two or more bonds In order to bring each such bond within the dollar limit of authority as set forth herein.

The execution of such bonds, undertakings, recognizances and other surety obligations in pursuance of these presents shall be as binding upon the said Company as fully and amply to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal administrative office in Jersey City, New Jersey.

This Power of Attorney is executed by authority of resolutions adopted by unanimous consent of the Board of Directors of the Company on December 10, 2020, true and accurate copies of which are hereinafter set forth and are hereby certified to by the undersigned Secretary as being in full force and effect:

"VOTED, That the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, or the Secretary shall have the power and authority to appoint agents and attorneys-in-fact, and to authorize them subject to the limitations set forth in their respective powers of attorney, to execute on behalf of the Company, and attach the seal of the Company thereto, bonds, undertakings, recognizances and other surety obligations obligatory in the nature thereof, and any such officers of the Company may appoint agents for acceptance of process."

This Power of Attorney is signed, sealed and certified by facsimile under and by authority of the following resolution adopted by the unanimous consent of the Board of Directors of the Company on December 10, 2020:

VOTED, That the signature of the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, and the signature of the Secretary, the seal of the Company, and certifications by the Secretary, may be affixed by facsimile on any power of attorney or bond executed pursuant to the resolution adopted by the Board of Directors on December 10, 2020, and any such power so executed, sealed and certified with respect to any bond or undertaking to which it is attached, shall continue to be valid and binding upon the Company. In Testimony Whereof, the Company has caused this instrument to be signed and its corporate seal to be affixed by their authorized officers, this 2nd day of June, 2022.

Attested and Certified

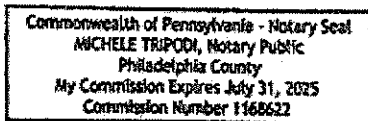
Regan A. Shulman
Regan A. Shulman, Secretary



Arch Insurance Company
Stephen C. Ruschak
Stephen C. Ruschak, Executive Vice President

STATE OF PENNSYLVANIA SS
COUNTY OF PHILADELPHIA SS

I, Michele Tripodi, a Notary Public, do hereby certify that Regan A. Shulman and Stephen C. Ruschak personally known to me to be the same persons whose names are respectively as Secretary and Executive Vice President of the Arch Insurance Company, a Corporation organized and existing under the laws of the State of Missouri, subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that they being thereunto duly authorized signed, sealed with the corporate seal and delivered the said instrument as the free and voluntary act of said corporation and as their own free and voluntary acts for the uses and purposes therein set forth.



Michele Tripodi
Michele Tripodi, Notary Public
My commission expires 07/31/2025

CERTIFICATION

I, Regan A. Shulman, Secretary of the Arch Insurance Company, do hereby certify that the attached Power of Attorney dated June 2, 2022 on behalf of the person(s) as listed above is a true and correct copy and that the same has been in full force and effect since the date thereof and is in full force and effect on the date of this certificate; and I do further certify that the said Stephen C. Ruschak, who executed the Power of Attorney as Executive Vice President, was on the date of execution of the attached Power of Attorney the duly elected Executive Vice President of the Arch Insurance Company.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the Arch Insurance Company on this ___ day of _____, 20___.

Regan A. Shulman
Regan A. Shulman, Secretary

This Power of Attorney limits the acts of those named therein to the bonds and undertakings specifically named therein and they have no authority to bind the Company except in the manner and to the extent herein stated.

PLEASE SEND ALL CLAIM INQUIRIES RELATING TO THIS BOND TO THE FOLLOWING ADDRESS:

Arch Insurance – Surety Division
3 Parkway, Suite 1500
Philadelphia, PA 19102



To verify the authenticity of this Power of Attorney, please contact Arch Insurance Company at SuretyAuthentic@archinsurance.com
Please refer to the above named Attorney-in-Fact and the details of the bond to which the power is attached.

ATTACHMENT E

Work Order Schedule of Bid Items

Revised 12/20/2022



Takeoff Worksheet

12/21/23

PBC Water Utilities Department
120441 PBC WTP3 Acid Line and Trench Repair

Description	Quote/Vendor	Unit	Quantity	Cost	Ext. Cost	Tax (%)	Markup*	Ext. Price	
1 General Requirements									
General Conditions (PBC)		LOT							
Sr. Estimator		HR	60	242.00	14,520.00		1.0000	14,520.00	
Estimator		HR	100	75.00	7,500.00		1.0000	7,500.00	
Submittal Labor		HR	40	146.00	5,840.00		1.0000	5,840.00	
O&M		HR	40	146.00	5,840.00		1.0000	5,840.00	
Progress Meetings		HR	40	242.00	9,680.00		1.0000	9,680.00	
Meeting Minutes		HR	20	87.00	1,740.00		1.0000	1,740.00	
Construction Scheduler		HR	80	152.00	12,160.00		1.0000	12,160.00	
Construction PM 6 - 6Hrs/Wk - 26 Weeks		HR	104	242.00	25,168.00		1.0000	25,168.00	
Construction PM 4 - 18Hrs/Wk - 26 Weeks		HR	468	146.00	68,328.00		1.0000	68,328.00	
Construction PM 2 - 8Hrs/Wk - 26 Weeks		HR	208	98.00	20,384.00		1.0000	20,384.00	
Purchasing & Subcontract		HR	40	181.00	7,240.00		1.0000	7,240.00	
Construction Admin		HR	120	87.00	10,440.00		1.0000	10,440.00	
					Bid Item Totals:	188,840.00			188,840.00
2 Sitework									
Mob/Demob		LOT							
Construction PM 4		HR	16	146.00	2,336.00		1.0000	2,336.00	
Construction Superintendent		HR	16	156.00	2,496.00		1.0000	2,496.00	
4-Man Crew		CR-D	4	2,480.00	9,920.00		1.0000	9,920.00	
Temporary Facilities									
Trailer Pick up/Delivery		EA	2	418.00	836.00	7.00	1.1500	1,028.70	
Container Rental		EA	12	300.00	3,600.00	7.00	1.1500	4,429.80	
Sanitary		MONTH	12	400.00	4,800.00	7.00	1.1500	5,906.40	
Job Site Office Supplies		LOT	1	3,500.00	3,500.00	7.00	1.1500	4,306.75	
Waste Hauling		LOT	6	874.00	5,244.00	7.00	1.1500	6,452.74	

Takeoff Worksheet

12/21/23

Continued...

Description	Quote/Vendor	Unit	Quantity	Cost	Ext. Cost	Tax (%)	Markup*	Ext. Price
Site Cleanup & Restoration		CR-D	4	2,480.00	9,920.00		1.0000	9,920.00
Misc Materials (Stone, Fill, SOD)		LS	1	2,500.00	2,500.00	7.00	1.1500	3,076.25
Startup Crew		CR-D	4	2,480.00	9,920.00		1.0000	9,920.00
Punch Out Crew		CR-D	4	2,480.00	9,920.00		1.0000	9,920.00
Bid Item Totals:					64,992.00			69,712.64
3 Concrete								
Trench Repair								
Form & Materials		LS	1	4,550.00	4,550.00	7.00	1.1500	5,598.78
Concrete & Grout		YD	10	250.00	2,500.00	7.00	1.1500	3,076.25
Concrete Pump		LS	6	700.00	4,200.00	7.00	1.1500	5,168.10
Concrete Testing Services	Pacifica	LS	1	1,512.15	1,512.15		1.1000	1,663.37
Concrete Repair Labor (5-Man Crew)		CR-D	25	3,056.00	76,400.00		1.0000	76,400.00
Construction Superintendent		HR	80	156.00	12,480.00		1.0000	12,480.00
Construction Assistant		HR	60	76.00	4,560.00		1.0000	4,560.00
Bid Item Totals:					106,202.15			108,946.50
5 Metals								
Misc Metals & FRP	Wurth Action	LS	1	18,414.97	18,414.97	7.00	1.1500	22,659.62
Installation (4-Man Crew)		CR-D	10	2,480.00	24,800.00		1.0000	24,800.00
Bid Item Totals:					43,214.97			47,459.62
9 Finishes								
Cleanup & pH Control (4-Man Crew)		CR-D	25	2,480.00	62,000.00		1.0000	62,000.00
Misc Chemical (Neutralization)		LS	1	4,300.00	4,300.00	7.00	1.1500	5,291.15
Epoxy Coating Primer	Coastal	EA	10	809.82	8,098.20	7.00	1.1500	9,964.83
Epoxy Coating Top Coat	Coastal	EA	15	865.33	12,979.95	7.00	1.1500	15,971.83
Misc Application Material (Sundries)		LS	1	4,500.00	4,500.00	7.00	1.1500	5,537.25
Prep & Coating Labor (4-Man Crew)		CR-D	30	2,480.00	74,400.00		1.0000	74,400.00
Construction Superintendent		HR	60	156.00	9,360.00		1.0000	9,360.00
Construction Assistant		HR	60	76.00	4,560.00		1.0000	4,560.00

Takeoff Worksheet

12/21/23

Continued...

Description	Quote/Vendor	Unit	Quantity	Cost	Ext. Cost	Tax (%)	Markup*	Ext. Price
Bid Item Totals:					180,198.15			187,085.06
17 I&C								
Acid Suction Leak Detection Sensor		EA	4	1,200.00	4,800.00	7.00	1.1500	5,906.40
Acid Discharge Leak Detection Sensor		EA	2	1,200.00	2,400.00	7.00	1.1500	2,953.20
Installation (3-Man Crew)		CR-D	2	2,016.00	4,032.00		1.0000	4,032.00
Bid Item Totals:					11,232.00			12,891.60
26 Electrical								
Electrical Sub	EEE	LOT	1	65,300.00	65,300.00		1.1000	71,830.00
Electrical PM		HR	60	155.00	9,300.00		1.0000	9,300.00
Bid Item Totals:					74,600.00			81,130.00
40 Process Interconnections								
Emergency Response (Acid Spill Pump 1 & 2)								
Cleaning Labor Crew 1 (4-Man Crew)		CR-D	20	2,480.00	49,600.00		1.0000	49,600.00
Cleaning Labor Crew 2 (4-Man Crew)		CR-D	25	2,480.00	62,000.00		1.0000	62,000.00
Construction PM 6 - 8Hrs/Wk - 8 Weeks		HR	64	242.00	15,488.00		1.0000	15,488.00
Construction PM 4 - 25Hrs/Wk - 8 Weeks		HR	200	146.00	29,200.00		1.0000	29,200.00
Construction PM 2 - 4Hrs/Wk - 8 Weeks		HR	32	98.00	3,136.00		1.0000	3,136.00
Purchasing & Subcontract		HR	20	181.00	3,620.00		1.0000	3,620.00
Construction Superintendent		HR	60	156.00	9,360.00		1.0000	9,360.00
Construction Assistant		HR	80	76.00	6,080.00		1.0000	6,080.00
Construction Admin		HR	60	87.00	5,220.00		1.0000	5,220.00
Neutralization Chemicals		LOT	1	3,900.00	3,900.00	7.00	1.1500	4,798.95
Safety Equipment		LOT	1	4,500.00	4,500.00	7.00	1.1500	5,537.25
Teflon Tubing		LF	500	9.75	4,875.00	7.00	1.1500	5,998.69
PVC Pipe & Fitting		LS	1	4,800.00	4,800.00	7.00	1.1500	5,906.40
Traversing Fork Lift		Month	1	5,997.00	5,997.00	7.00	1.1500	7,379.31
Skid Steer		Month	2	3,047.50	6,095.00	7.00	1.1500	7,499.90
Misc Tools & Equipment		LOT	1	4,500.00	4,500.00	7.00	1.1500	5,537.25
Acid Pump & Hoses #1		Month	2	3,500.00	7,000.00	7.00	1.1500	8,613.50

Takeoff Worksheet

12/21/23

Continued...

Description	Quote/Vendor	Unit	Quantity	Cost	Ext. Cost	Tax (%)	Markup*	Ext. Price
Acid Pump & Hoses #2		Month	2	3,500.00	7,000.00	7.00	1.1500	8,613.50
Road Plates		Month	12	2,000.00	24,000.00	7.00	1.1500	29,532.00
Equipment Pickup and Delivery		EA	2	650.00	1,300.00	7.00	1.1500	1,599.65
Totes Disposal (Acid & Sludge)	Safety-Kleen	LS	15	2,771.00	41,565.00	7.00	1.1500	51,145.73
Emergency Response (Acid Spill Pump 3 & 4)								
Cleaning Labor Crew 1 (4-Man Crew)		CR-D	10	2,480.00	24,800.00		1.0000	24,800.00
Cleaning Labor Crew 2 (4-Man Crew)		CR-D	2	2,480.00	4,960.00		1.0000	4,960.00
Cleaning Labor Crew 3 (3-Man Crew)		CR-D	2	2,016.00	4,032.00		1.0000	4,032.00
Construction PM 6 - 4Hr/Day - 5 Days		HR	20	242.00	4,840.00		1.0000	4,840.00
Construction PM 4 - 8Hr/Day - 5 Days		HR	40	146.00	5,840.00		1.0000	5,840.00
Purchasing & Subcontract		HR	20	181.00	3,620.00		1.0000	3,620.00
Construction Superintendent		HR	40	156.00	6,240.00		1.0000	6,240.00
Construction Assistant		HR	40	76.00	3,040.00		1.0000	3,040.00
Neutralization Chemicals		LOT	1	1,500.00	1,500.00	7.00	1.1500	1,845.75
Safety Equipment		LOT	1	1,500.00	1,500.00	7.00	1.1500	1,845.75
Teflon Tubing		LF	500	9.75	4,875.00	7.00	1.1500	5,998.69
PVC Pipe & Fitting		LS	1	4,800.00	4,800.00	7.00	1.1500	5,906.40
Skid Steer		Month	1	3,047.50	3,047.50	7.00	1.1500	3,749.95
Misc Tools & Equipment		LOT	1	2,500.00	2,500.00	7.00	1.1500	3,076.25
Acid Pump & Hoses		Month	1	3,500.00	3,500.00	7.00	1.1500	4,306.75
Totes Disposal (Acid & Sludge)	Safety-Kleen	LS	5	2,771.00	13,855.00	7.00	1.1500	17,048.58
Halar & PVC Pipe, Fittings & Valves		LS	1	249,497.83	249,497.83	7.00	1.1500	307,007.08
Fusion Rental Equipment		Month	2	5,065.00	10,130.00	7.00	1.1500	12,464.97
Freight		LS	2	650.00	1,300.00	7.00	1.1500	1,599.65
Temporary Pipe Support & Ramp		LS	1	4,000.00	4,000.00	7.00	1.1500	4,922.00
Demo & Installation (5-Man Crew)		CR-D	45	3,056.00	137,520.00		1.0000	137,520.00
Pressure Testing (4-Man Crew)		CR-D	5	2,480.00	12,400.00		1.0000	12,400.00
Pressure Testing Materials		LS	1	2,500.00	2,500.00	7.00	1.1500	3,076.25
Bid Item Totals:					809,533.33			906,006.20

Takeoff Worksheet

12/21/23

Continued...

Description	Quote/Vendor	Unit	Quantity	Cost	Ext. Cost	Tax (%)	Markup*	Ext. Price
41 Rental Equipment & Misc Tools								
Traversing Fork Lift		Month	3	5,997.00	17,991.00	7.00	1.1500	22,137.93
Skid Steer		Month	3	3,047.50	9,142.50	7.00	1.1500	11,249.85
Misc Tools		LOT	1	4,500.00	4,500.00	7.00	1.1500	5,537.25
4" Pump & Hoses		Month	2	2,400.00	4,800.00	7.00	1.1500	5,906.40
Pressure Washer 4000 PSI		WK	8	525.55	4,204.40	7.00	1.1500	5,173.52
Acid Pump & Hoses #1		Month	3	3,500.00	10,500.00	7.00	1.1500	12,920.25
Acid Pump & Hoses #2		Month	3	3,500.00	10,500.00	7.00	1.1500	12,920.25
Acid Pump & Hoses		Month	2	3,500.00	7,000.00	7.00	1.1500	8,613.50
Safety Programm	Total Safety	LS	1	13,290.00	13,290.00		1.1000	14,619.00
Safety		HR	40	242.00	9,680.00		1.0000	9,680.00
Safety Equipment		LOT	1	4,000.00	4,000.00	7.00	1.1500	4,922.00
Equipment Fuel		GAL	75	6.90	517.50		1.1500	595.13
Equipment Delivery & Pickup		EA	4	650.00	2,600.00	7.00	1.1500	3,199.30
					Bid Item Totals:	98,725.40		117,474.38
100 Engineering								
Engineering		LS	1	172,021.01	172,021.01		1.0000	172,021.01
					Bid Item Totals:	172,021.01		172,021.01
101 Allowance								
Existing Dilution Panel Modifications		LS	1	100,000.00	100,000.00		1.0000	100,000.00
					Bid Item Totals:	100,000.00		100,000.00
102 Bonds & Insurance								
Bonds		LOT	1	34,647.00	34,647.00		1.1500	39,844.05
Builders Risk Insurance		LOT	1	15,380.00	15,380.00		1.1500	17,687.00
					Bid Item Totals:	50,027.00		57,531.05

Takeoff Worksheet

12/21/23

Continued...

Description	Quote/Vendor	Unit	Quantity	Cost	Ext. Cost	Tax (%)	Markup*	Ext. Price
					Grand Totals:			2,049,098.06
						1,899,586.01		

Note: CR-D=8Hrs

**Contract Markups Per Master Agreement:*

Materials = 1.15, Subcontractors = 1.1

Takeoff Notes

- 1. Estimate Price Due to Insufficient Design Detail**
- 2. Estimate Price Established With Past projects & Historic Data**
- 3. Estimate Price Based on Conceptual Design**

ATTACHMENT - E
Work Authorization Schedule of Bid Items

Task	Task Description	E6	E5	E3	E2	Sr. CADD	Sr. Finance	Admin 3	Admin 2	Total Labor	*Sub-Consultant Services	Sub-Consultant
		\$92.00	\$77.00	\$52.00	\$42.00	\$46.00	\$62.00	\$37.00	\$28.00			
1	60% Design											
	Estimating		4	2			4	8				
	Project Management/Coordination		8	8			4	8	8			
	Meet w/staff to review project/collect info	1	2	4								
	Develop Preliminary Design		2	4								
	Site plan		2	4	8	8						
	Structural Design Criteria		4	4		8			4		\$ 17,741.82	LYE
	Process Mechanical Design		2	4	4	8						
	Electrical/I&C		4		4				4		\$ 4,365.70	HEE
	Existing Acid System Evaluation	40	40	40		20		10	10			
	Review Meeting		2	2	2			2	4			
	Review Meeting Log Response		4	4				4	6			
	QA/QC	2		4		2			2			
	Subtotal Task 1	43	74	80	18	46	8	32	38	\$ 19,654.00	\$ 22,107.52	
2	100% Design											
	Project Management/Coordination	2	2		2			8	8			
	Cover/General/PFD		2	4	2	2						
	Civil (Site)	2	4	4	4	4			2			
	Demolition	2	2	4	2	2						
	Structural Design			2		2			2		\$ 1,806.80	LYE
	Process Mechanical Design	2	2	4	8	4						
	Electrical/I&C Design		2		2	4			2		\$ 1,289.20	HEE
	Equipment Selection/Specifications		2	4	2							
	Prepare 100% Design Submittal		2	4	4	6			4			
	QA/QC	2		4		2			2			
	Subtotal Task 2	10	18	30	26	26	0	8	20	\$ 7,346.00	\$ 3,096.00	
3	Services During Construction											
	Project Management/Coordination	2	8	8	8		12	12	20			
	Site Visits/Meetings		8	8	8							
	Submittal Reviews		4	2	2							
	Structural		6	2	2	6		4	2		\$ 7,730.80	LYE
	Electrical/I&C		8		8				4		\$ 8,124.89	HEE
	Acid System Startup & Training	20	40	40				10	10			
	Record Drawings	2	4	3	4	8			8			
	O&M Manual Review		2		2							
	Subtotal Task 3	24	80	63	34	14	12	26	44	\$ 16,654.00	\$ 15,855.49	
	Labor Hours	77	172	173	78	86	20	66	102			
	Labor Costs	\$7,084.00	\$13,244.00	\$8,998.00	\$3,276.00	\$3,956.00	\$1,240.00	\$2,442.00	\$2,866.00	\$43,654.00		
	Labor Multiplier	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.90		
	Labor Total	\$21,252.00	\$39,732.00	\$26,988.00	\$9,828.00	\$11,868.00	\$3,720.00	\$7,326.00	\$8,568.00	\$130,962.00		
	Subconsultant Total										\$ 41,059.01	
	TOTAL ENGINEERING FEE										\$ 172,021.01	

Subconsultants: HEE - Hillers Electrical Engineering, LYE - Lakdas/Yohalem Engineering, Inc.

ATTACHMENT F
OEBO SCHEDULE 1

Revised 12/20/2022

OEBO SCHEDULE 1

SOLICITATION/PROJECT/BID NAME: Water Treatment Plant No.3 Acid Line Replacement
NA
 SOLICITATION OPENING/SUBMITTAL DATE: _____

SOLICITATION/PROJECT/BID NO.: PBCWUD 24-005
Palm Beach County Water Utilities Department
 COUNTY 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: Globaltech, Inc. ADDRESS: 6001 Broken Sound Pkwy, Ste. 610 Boca Raton, FL 33487

CONTACT PERSON: Bruce Rahmani, PE PHONE NO.: 561-997-6433 E-MAIL: bruce@globltechdb.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$ 1,927,936.90

*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. Energy Efficient Electric, Inc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>				\$65,300.00		
2. Hillers Electrical Engineering, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					\$13,779.79	
3. Lakdas/Yohalem Engineering, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					\$27,279.22	
4. Pacifica Engineering Services, LLC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$1,512.15					
5. Total Safety Training & Consultants LLC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$13,290.00					
(Please use additional sheets if necessary)										
Total					\$14,802.15	\$0.00	\$0.00	\$65,300.00	\$41,059.01	\$0.00

Total Bid/Offer Price \$ 2,049,098.06

Total Certified S/M/WBE Participation \$ \$121,161.16

I hereby certify that the above information is accurate to the best of my knowledge:

Bruce Rahmani, PE - [Signature] VP of Construction
 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 F
OEBO SCHEDULE 2

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: PBCWUD 24-005

SOLICITATION/PROJECT NAME: Water Treatment Plant No.3 Acid Line Replacement

Prime Contractor: Globaltech, Inc.

Subcontractor: Energy Efficient Electric, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE

Date of Palm Beach County Certification (if applicable): 9/4/21- 9/3/24

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

Column 1

Column 2

Column 3

Male Female

African-American/Black Asian American

Caucasian American

Supplier

Hispanic American 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	91438 Electrical	\$65,300.00	1	NA	\$65,300.00

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: \$65,300.00

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.

NA

Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: \$0.00

Globaltech, Inc.

Print Name of Prime

By: Bruce Rahmani
Authorized Signature

Bruce Rahmani, PE

Print Name

VP of Construction

Title

Date: 11/20/23

Energy Efficient Electric, Inc.

Print Name of Subcontractor/subconsultant

By: Patricia J Downey
Authorized Signature

Patricia J Downey

Print Name

Secretary

Title

Date: 11-20-2023

Revised 09/17/2019

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: PBCWUD 24-005

SOLICITATION/PROJECT NAME: Water Treatment Plant No.3 Acid Line Replacement

Prime Contractor: Globaltech, Inc.

Subcontractor: Hillers Electrical Engineering, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 10/17/21-10/16/24

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

Column 1

Column 2

Column 3

Male Female

African-American/Black Asian American Caucasian American

Supplier

Hispanic American 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	92531 Electrical Engineering	\$13,779.79	1	NA	\$13,779.79

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: \$13,779.79

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.

NA

Price or Percentage: \$0.00

Name of 2nd/3rd tier Subcontractor/subconsultant

Globaltech, Inc.

Print Name of Prime

By: 
Authorized Signature

Bruce Rahmani, PE

Print Name

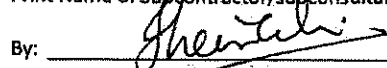
VP of Construction

Title

Date: 11/20/23

Hillers Electrical Engineering, Inc.

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

Thein Win

Print Name

Senior Vice President

Title

Date: 11/20/2023

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: PBCWUD 24-005

SOLICITATION/PROJECT NAME: Water Treatment Plant No.3 Acid Line Replacement

Prime Contractor: Globaltech, Inc. Subcontractor: Lakdas/Yohalem Engineering, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 10/29/22-10/28/25

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

<u>Column 1</u>	<u>Column 2</u>	<u>Column 3</u>
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> African-American/Black <input checked="" type="checkbox"/> Asian American <input 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	92500 Engineering Services, Professional	\$27,279.22	1	NA	\$27,279.22

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: \$27,279.22

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.

NA Price or Percentage: \$0.00

Name of 2nd/3rd tier Subcontractor/subconsultant _____

Globaltech, Inc.
 Print Name of Prime
 By: B. Rahmani
 Authorized Signature
Bruce Rahmani, PE
 Print Name
VP of Construction
 Title
 Date: 11/20/23

Lakdas/Yohalem Engineering, Inc.
 Print Name of Subcontractor/subconsultant
 By: [Signature]
 Authorized Signature
Lakdas Nanayakkara
 Print Name
President
 Title
 Date: 11-20-23

OEBO LETTER OF INTENT – SCHEDULE 2

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SOLICITATION/PROJECT NUMBER: PBCWUD 24-005

SOLICITATION/PROJECT NAME: Water Treatment Plant No. 3 Acid Line Replacement

Prime Contractor: Globaltech, Inc.

Subcontractor: Pacifica Engineering Services, LLC

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 10/25/21-10/24/24

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

Column 1

Column 2

Column 3

Male Female

African-American/Black Asian American Caucasian American

Supplier

Hispanic American 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	90783 Testing Services	\$1,512.15	1	NA	\$1,512.15

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: \$1,512.15

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.

NA

Price or Percentage: \$0.00

Name of 2nd/3rd tier Subcontractor/subconsultant

Globaltech, Inc.

Print Name of Prime

By: 
Authorized Signature

Bruce Rahmani, PE

Print Name


VP of Construction

Title

Date: 12/21/23

Pacifica Engineering Services, LLC

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

Wesley C Foster

Print Name

President

Title

Date: 12/21/2023

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: PBCWUD 24-005

SOLICITATION/PROJECT NAME: Water Treatment Plant No.3 Acid Line Replacement

Prime Contractor: Globaltech, Inc.

Subcontractor: Total Safety Training & Consultants LLC

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 1/11/21-1/10/24

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

Column 1

Column 2

Column 3

Male Female

African-American/Black Asian American Caucasian American

Supplier

Hispanic American 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	90775 Site Assessment and Site Field Observation	\$13,290.00	1	NA	\$13,290.00

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: \$13,290.00

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.

NA Price or Percentage: \$0.00

Name of 2nd/3rd tier Subcontractor/subconsultant

Globaltech, Inc.

Print Name of Prime

By: B. Rahmani
Authorized Signature

Bruce Rahmani, PE

Print Name

VP of Construction

Title

Date: 11/20/23

Total Safety Training & Consultants LLC

Print Name of Subcontractor/subconsultant

By: D. Hood
Authorized Signature

D Hood

Print Name

Manager

Title

Date: 11/20/23

ATTACHMENT G

Palm Beach County Water Utilities Department
 Optimization and Improvements Design-Build
 Resolution No. R2023-0086 Contract Dated December 20, 2022

SUMMARY OF SBE-M/WBE BUSINESS TRACKING

Master Contract Goals	SBE: 24%	MBE: 12%	MBE (B): 5.5%	MBE (A): 4%	MBE (H): 2.5%
Current Proposal					
Value of Work Order No. 4	\$2,049,098.06				
Value of SBE-M/WBE Letters of Intent	\$121,161.16	\$55,861.16	\$14,802.15	\$41,059.01	\$0.00
Actual Percentage	5.91%	2.72%	0.72%	2.00%	0.00%
Signed/Approved Work Orders					
Total Value of Work Orders	\$5,414,224.57				
Total Value of SBE-M/WBE Signed Subcontractors	\$497,861.10	\$348,720.54	\$283,850.34	\$64,870.20	\$0.00
Actual Percentage	9.19%	6.44%	5.24%	1.19%	0.00%
Signed/Approved Work Orders Plus Current Proposal					
Total Value of Work Orders	\$7,463,322.63				
Total Value of Subcontractors & Letters of Intent	\$619,022.26	\$404,581.70	\$298,652.49	\$105,929.21	\$0.00
Actual Percentage	8.29%	5.42%	4.00%	1.41%	0.00%

ATTACHMENT H

LOCATION MAP

Water Treatment Plant No. 3 Acid Line Replacement

PBCWUD Project No. 24-005



Water Treatment Plant No. 3

ATTACHMENT I

Design-Build Criteria

Revised 12/20/2022

ATTACHMENT - I

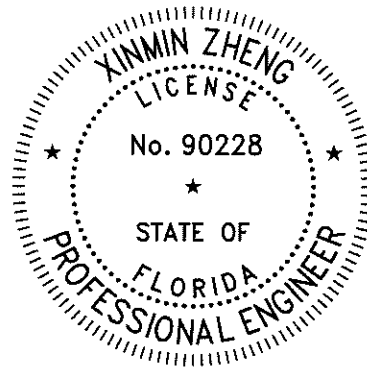
Design - Build Criteria Report

Design-Build Criteria

Water Treatment Plant No.3

Acid Line Replacement

Project No. PBCWUD 24-005 PACKAGE TR02



Xinmin Zheng

01/09/2024

Xinmin (Daisy) Zheng, P.E. 90228
Palm Beach County Water Utilities
Stantec Consulting Services, Inc.
8100 Forest Hill Blvd.
West Palm Beach, FL 33413

Date: 01/09/2024

Limitations:

This Design Criteria Package has been prepared for Palm Beach County Water Utilities Department to facilitate their selection of a Design-Build firm and enter into a negotiated design-build contract. This document is intended solely for this purpose and shall not be relied upon by any other party for any other purpose.

Design-Build Criteria
Water Treatment Plant No.3
Acid Line Replacement
Project No. PBCWUD 24-005
PACKAGE TR02

PART 1 GENERAL REQUIREMENTS

1.1 Overview Information

- 1.1.1. Location: Water Treatment Plant No. 3 (WTP 3);
- 1.1.2. Survey information concerning the site: Survey of these properties are available upon request.
- 1.1.3. Interior space requirements: Not applicable the construction is which exterior chemical containment areas.
- 1.1.4. Material quality standards: Adhere to current version of Palm Beach County Water Utility Department (PBCWUD) Minimum Design Standards and Approved Materials List.
- 1.1.5. Schematic layouts: none
- 1.1.6. Cost or budget estimates: \$2,049,098.06
- 1.1.7. Design and construction milestones:
 - 1.1.7.1. 60% Design Completion 90 days after receipt of the notice to proceed. Provide preliminary shop drawings for chemical pipe & fittings, leak detection system, chemical coating, grout and patching, electrical and etc.
 - 1.1.7.2. 100% Design Completion 135 days after receipt of the notice to proceed.
 - 1.1.7.3. Substantial Construction Completion 345 Calendar Days after receipt of notice to proceed.
 - 1.1.7.4. Final Construction Completion 60 Calendar Days after Substantial Construction Completion.
 - 1.1.7.5. Liquidated damages will apply as follows:

- 1.1.7.6.1. \$1,000 per day past substantial completion date.
- 1.1.7.6.2. \$500 per day past final completion date.

- 1.1.8. The following items must be complete (at a minimum) to achieve substantial completion:
 - 1.1.8.1. New acid line installed and acid flow to the plant.
 - 1.1.8.2. Pressure testing completed and passed and commissioning.
 - 1.1.8.3. Technical (Operation and Maintenance) Manuals delivered to Owner and to Owner's satisfaction.
 - 1.1.8.4. Staff Training including emergency responses
- 1.1.9. Site development requirements: Not Applicable.
- 1.1.10. Provisions for utilities: Refer to Sections 1.6 Utility Services, 1.10 Underground Utilities and 3.3 Trenching, Excavation and Backfill for Design-Build Entity requirements.
- 1.1.11. Storm water retention and disposal: Provide siltation barriers for all existing storm drainage catch basins impacted by construction activities.
- 1.1.12. Parking requirements: Only current Palm Beach County security badge holders can park inside the plant gate. Do not disrupt traffic flow for chemical deliveries. Project material deliveries shall be between 7:00 AM to 3:00 PM Monday through Friday excluding public holidays.
- 1.1.13. Utility Locates and Protection of Utilities: Design-Build Entity is responsible for all utility locates within the project site and shall provide an independent locate service for all PBCWUD buried pipelines and electrical. Provide conductive utility locates, soft-dig using vacuum excavation, and ground penetrating radar as necessary to avoid damage to utilities. The Design-Build Entity shall x-ray or use ground penetrating radar for concrete which may have embedded conduits and utilities prior to penetrating the concrete. All water pipes, storm drains, force mains, gas or other pipe, telephone or power cables or conduits, and all other obstructions, whether or not shown, shall be temporarily removed from or supported across pipeline excavations. Before disconnecting any pipes or cables, the Design-Build Entity shall obtain permission from the Owner, or shall make suitable arrangements for their disconnection by the Owner. The Design-Build Entity shall be responsible for any damage to any such pipes, conduits or cables, and shall restore them to service promptly as soon as the work has progressed past the point involved. Approximate locations of known water, sanitary, drainage, power, and telephone installations along route of new pipelines or in vicinity of the work are shown on as-built drawings, but must be verified in the field by the Design-Build Entity. The Design-Build Entity shall uncover these pipes, ducts, cables, and other buried infrastructure, carefully, by hand, to verify location and depth of cover. Any discrepancies or differences found shall be brought to the attention of the

Owner so that necessary changes may be made. The Design- Build Entity shall notify "SUNSHINE STATE" at 811 at least forty- eight hours prior to performing any excavating activities. Evidence of such notice shall be furnished to the Owner prior to excavating.

- 1.1.14. Staging Area: Staging area will be agreed upon with WTP 3 staff to not cause vehicle disruption.
- 1.1.15. Coordination: Design-Build Entity will need to coordinate its work activities with the Owner and other construction contractors performing work activities at WTP 3.
- 1.1.16. A shutdown plan, developed in conjunction with the Owner must be prepared by the Design-Build Entity for any planned plant or raw water shutdowns shall be submitted to the Owner for review and approval at least 15 days prior to commencing any of these work activities.
- 1.1.17. Reference Documents: The following documents shall be used to develop signed and sealed Construction Documents.
 - 1.1.17.1. Palm Beach County Water Utility Department (PBCWUD) General Electrical Design Requirements
 - 1.1.17.2. Palm Beach County Water Utility Department (PBCWUD) Minimum Design Standards
 - 1.1.17.3. Palm Beach County Water Utility Department (PBCWUD) Approved Materials List

1.2 Summary of Work

- 1.2.1 The proposed work to be performed by the Design-Build Entity generally includes items from the following list:
 - 1.2.1.1 Replacing both of the sulfuric acid supply lines from the pump room to the dilution system. A crack in the carrier piping spilled 93% sulfuric acid within the containment piping which eventually led to the containment piping failure, leaving acid to pour out in to all the chemical trenches connected to the acid delivery trench. The acid attacked the concrete trenches and have degraded the sidewall and floor of each trench requiring emergency response from Design-Build Entity for acidic media removal.
 - 1.2.1.2 Permanent replacement of the double wall piping that feed the dilution system and full trench rehabilitation are required. This includes, but is not limited to, provisions for a temporary system to be fully functional above-grade to facilitate trench rehabilitation.

1.3 Design Build Criteria

The Design-Build Criteria for the proposed work to be performed is further described below.

1.3.1 PURPOSE & OPERATIONAL OVERVIEW

This project intends to, primarily, replace sulfuric acid piping system from acid pump room to acid dilution panel which were damaged from an acid leak from the carrier piping, in addition to rehabilitating the chemical trenches and providing a coating system to protect the concrete trenches.

1.3.2 ACID LINE REPLACEMENT

The proposed work to be performed by the Design-Build Entity generally includes items from the following list:

- 1.3.2.1 Notify FDEP about the unplanned episodic release of sulfuric acid into chemical trenches and submit DEP-8700-12FL form.
- 1.3.2.2 Remove acidic media from chemical trenches. Media to be containerized and disposed of as hazardous waste. Diluted liquid media may be pH balanced (pH 7.0) and drained onsite. Locate source of leak.
- 1.3.2.3 Protect chemical trench adjacent to chemical delivery area with road plates to cover approximately 50 Linear Feet (LF) of trench.
- 1.3.2.4 Provide "on-call" emergency response should any future release occur. Furnish and install conveyance tubing/piping from pump room to dilution panel should remaining piping system fail.
- 1.3.2.5 Demolish existing sulfuric acid piping from pump room to flanges immediately adjacent to the dilution panel.
- 1.3.2.6 Rehabilitate Caustic trench floor and sidewalls. This trench runs from the Caustic bulk storage area to the pump room. This trench is not to be coated.
- 1.3.2.7 Install temporary double-contained conveyance system for sulfuric acid and anti-scalant. Provide single-wall hot water line.
- 1.3.2.8 Rehabilitate sulfuric acid trench from acid pump room to acid dilution panel consisting of the following:
 - Pressure wash trenches to remove loose concrete and aggregate back to competent surfaces.
 - Test and balance pH of trench sidewalls/floor.
 - Install link-seals to adjacent chemical trenches for exclusivity.
 - Resurface concrete to create uniform surface.
 - Coat trench
- 1.3.2.9 Furnish and install new trench piping support system.
- 1.3.2.10 The new sulfuric acid piping shall be suitable for continuous exposure to 98% sulfuric acid. Provide adequate safety measures for working around concentrated sulfuric acid with the existing and proposed system.
- 1.3.2.11 Furnish and install 1" Halar acid piping with 3" polypropylene secondary containment from the flanges inside the acid pump room to the flanges outside the dilution panel. The piping shall be installed within the existing chemical trench.
- 1.3.2.12 Install and test new piping.
- 1.3.2.13 County to drain existing sulfuric acid system.

- 1.3.2.14 Furnish and install replacement of 650LF of CPVC piping for ancillary sodium hypochlorite injection points. These lines split from a single line inside the chemical trench just outside of the sodium hypochlorite pump room.
- 1.3.2.15 Label new piping.
- 1.3.2.16 Furnish and install new leak detection system at acid suction and acid discharge.

1.4 Owner Furnished Equipment

NA

1.5 Allowance

\$100,000 allowance fee for Existing Dilution Panel Modifications

1.6 Permits and Fees

It shall be the Design-Build Entity's responsibility to secure all permits required to complete the work under this contract. The Design-Build Entity shall be responsible for all inspections and requirements to close-out the completed permits. The Owner will pay all permit fees. The Design-Build Entity shall be responsible for all Business tax fees for work within Palm Beach County or Municipalities.

1.7 Utility Services

The Design-Build Entity shall obtain the necessary utility services by making application for the services and paying such fees and charges required by the utility companies, including construction water meters, if required.

1.8 Tests

The Design-Build Entity shall pay for all required tests. Water required for pressure/leakage tests shall be furnished by the Owner. Any bacteriological testing to be completed by Palm Beach County

1.9 Site elevations, Lines, and Grades

Where the dimensions and locations of existing pipe and utilities are of critical importance in the installation or connection of proposed work, the Design- Build Entity shall verify such dimensions and locations in the field prior to the fabrication of any materials or equipment, which is dependent on the correctness of such information. The Design-Build Entity shall employ a land surveyor registered in the State of Florida. The Design-Build Entity shall locate and protect survey control and reference points. The Design-Build Entity shall be responsible to establish elevations, lines, and levels, utilizing recognized engineering survey practices. The Design-Build Entity shall

provide all labor, instruments and stakes, templates, and other materials necessary for marking and maintaining all lines and grades. The Design-Build Entity shall submit a copy of as-built drawings signed/sealed by the land surveyor that the elevations and locations of the work in Florida State plane coordinates are in conformance with the contract documents and will reference geodetic datum NAD83. All elevations shall refer to North American Vertical Datum of 1988 (NAVD88) and include conversion from National Geodetic Vertical Datum of 1929 (NGVD29) as required.

1.10 Work Area

The Design-Build Entity shall confine his activities to the site(s) designated by Owner for the work or staging areas for materials storage. All debris, materials, pipe, and miscellaneous waste products from the proposed work shall be removed from the Project Site as soon as possible. They shall be disposed of in accordance with applicable federal, state, and local regulations. The Design-Build Entity shall be responsible for determining these regulations and shall bear all costs or retain any profit associated with disposal of these items.

The Design-Build Entity shall protect their work. When required to complete the work, the Design-Build Entity shall maintain of suitable lighting to maintain a safe working environment. Work performed outside of the established working hours requires the permission from the Owner. The Design-Build Entity shall also comply with all laws or ordinances covering the protection of such work and the safety measures to be employed therein. The Design-Build Entity shall carry out his work so as not to deny access to private property. All utility access manholes, valves, and fire hydrants shall be kept accessible at all times. No trenches or holes near walkways, in roadways or road shoulders are to be left open during night hours without the permission of the Owner, and proper protection. The Design-Build Entity is responsible for the security of their work, equipment, and material at all times.

Design-Build Entity shall be responsible for keeping all work areas clear of construction debris and perform daily housekeeping activities to maintain a safe working environment for existing plant personnel.

1.11 Underground Utilities

All water pipes, storm drains, force mains, gas or other pipe, telephone or power cables or conduits, and all other obstructions, whether or not shown, shall be temporarily removed from or supported across pipeline excavations. Before disconnecting any pipes or cables, the Design-Build Entity shall obtain permission from the Owner, or shall make suitable arrangements for their disconnection by the Owner. The Design-Build Entity shall be responsible for any damage to any such pipes, conduits or cables, and shall restore them to service promptly as soon as the work has progressed past the point involved. Approximate locations of known water, sanitary, drainage, power, and telephone installations along route of new pipelines or in vicinity of the work are shown on as-built drawings, but must be verified in the field by the Design- Build Entity. The Design-Build Entity shall uncover these pipes, ducts,

cables, and other buried infrastructure, carefully, by hand, to verify location and depth of cover. Any discrepancies or differences found shall be brought to the attention of the Owner in order that necessary changes may be made. Where fences, walls, or other man made obstructions exist illegally in the public right- of-way, the Owner will have them removed upon adequate prior notice by the Design-Build Entity.

The Design-Build Entity shall notify "SUNSHINE STATE" at 1 (800)-432 4770 at least forty-eight (48) hours prior to performing any excavating activities. Evidence of such notice shall be furnished to the Owner prior to excavating. Design-Build Entity is responsible for all utility locates within the project site and will provide an independent locate service for all PBC WUD buried pipelines and electrical.

Design of all underground water, wastewater, and reclaimed water shall comply with the Palm Beach County Water Utilities Minimum Engineering Standards (latest edition), General Electrical Design Requirements, Palm Beach County Wellfield Protection Ordinance, Environmental Control Rule 1 (wastewater), Environmental Control Rule II (water), and applicable provisions of the Florida Administrative Code. Design submittal requirements shall be in accordance with the Palm Beach County Water Utilities Design Manual.

1.12 Maintenance of Operations

The Design-Build Entity's activities or any partial plant shutdowns shall minimize disruption to the treatment facilities and conveyance. The Design- Build Entity shall schedule and perform the proposed work in a manner such that the Owner can keep the existing treatment and conveyance facilities in continuous dependable operation. Operation of all existing valves, gates and equipment shall be performed by Owner.

1.13 Plant Shutdowns

Owner shall approve all plant shutdowns. If, in the opinion of Owner, a shutdown is not required in order for the Design-Build Entity to perform the proposed work, the Design-Build Entity shall use alternative methods to accomplish the work. All shutdowns shall be coordinated with and scheduled at times suitable to Owner. Owner shall be provided a minimum of 15 days' notice of Design-Build Entity's need for any system or partial system shutdown. Additional notice may be required for certain shutdowns.

1.14 Project Coordination

Design-Build Entity shall be solely responsible for coordination of all of the proposed work. He shall supervise, direct and cooperate fully with all sub-contractors, manufacturers, fabricators, suppliers, distributors, installers, testing agencies, and all others whose services, materials or equipment are required to ensure completion of the proposed work within the contract time.

Design-Build Entity shall cooperate with and coordinate his work with the work of any other contractor, utility service company, or Owner's employees performing additional

work related to the project at the site. Design-Build Entity shall not be responsible for damage done by other contractors on site who are not under the Design-Build Entity's jurisdiction except where such loss or damage is caused by the negligence of Design-Build Entity. Design-Build Entity shall also coordinate his work with the work of others to assure compliance with schedules.

Design-Build Entity shall attend and participate in all project coordination or progress meetings and report on the progress of all work and compliance with schedules. The Design-Build Entity shall provide and maintain a project representative of his organization at the site at all times during performance of the work who may be reached at any time while work is in progress.

1.15 Project CPM Schedule

Design-Build Entity must prepare and maintain a project schedule using Primavera P6 software (P6) and the Critical Path Method (CPM) of scheduling. The following outlines the minimum schedule requirements. The schedule must be updated each month at a minimum and will be reviewed by the Owner to determine design and construction progress.

1.15.1 Design Schedules

The Design-Build Entity shall develop a detailed design schedule reflecting work elements at a package level by discipline. An estimate of the construction duration and staging be developed and linkages to other work packages will be clearly indicated. It will be updated at least monthly and at a minimum, milestones shall be depicted for:

- Notice-to-Proceed
- 60 percent submittal
- 90 percent submittal
- Each required permitting submittal

1.15.2 Construction Schedules

The basics of the construction schedule submittals are outlined below.

- 1.15.2.1 **Baseline Requirement:** The Construction Schedule shall use P6 and follow the Critical Path Method of scheduling, and shall reflect how the Design-Build Entity will build the project. The schedule shall show the duration of each activity so that the Project Manager can accurately monitor the progress of the work. Schedule activities must be consistent with work items listed in the Schedule of Values and be cost-loaded such that schedule updates provide an independent check on the amounts shown in the Design-Build Entity's monthly progress payment request.

Additionally, the schedule will address the logic of construction activities, including any work constraints due to:

- Operational or permit requirements
- Special requirements of the technical specifications
- Standard construction practices
- Safety of the work place
- Manpower loading and availability
- Key Resource or Materials quantity loading

1.15.2.2 Initial Construction Schedule Submittals: The Design-Build Entity shall be required to submit two schedule documents at the pre-construction conference. These are:

- The Plan of Operation for the initial 30-day period of the contract
- An initial draft of the P6 Baseline CPM schedule

The Project Managers for the Owner and the Design-Build Entity shall meet to review and discuss the 30-day plan of operation and Baseline CPM schedule shortly after submittal to the Owner's Project Manager. The Owner Project Manager's review and comment on the schedules will be limited to conformance with the sequencing and milestone requirements in the Contract Documents. The Design-Build Entity shall be required to make corrections to the schedules necessary to comply with the requirements and adjust the schedules to incorporate any missing information requested by the Owner's Project Manager. Key elements of the schedule reviews will include:

- Production rates for reasonableness
- Appropriate level of detail
- Satisfaction of contractual constraints
- Accurately reflecting submittals, procurements, training and start-up tasks
- Conforms with approved schedule of values
- Complies with industry scheduling practices
- Schedule risk and critical path discussion

The Plan of Operation depicts accomplishment of the Contractor's early execution activities (e.g. mobilization, permit acquisition, submittals necessary for early material and equipment procurement, submittals necessary for long lead equipment procurement, CPM submittals, initial site work and other submittals and activities required in the first 30 days).

1.15.2.3 Construction Schedule: The P6 Baseline schedule will be included in all subsequent schedule updates and will be the basis for measuring progress and performance. Schedule updates and other reporting requirements will be detailed in the schedule specifications. The construction schedule will provide information on major construction milestones and allow for quantity tracking. Related interface activities pertinent to facilities start-up and commissioning will also be shown. The associated Schedule of Values will delineate information related to quantity unit rate reporting, labor wage rates,

bulk materials pricing and other costing/pricing information as requested. Specific schedules (e.g., Installation Plan for rotary drum vacuum filter and related equipment, 90 days to Completion, 4-week look-ahead) shall be provided.

The Project Manager's review of the schedule is to ensure basic compliance with requirements and reasonableness of plan, and does not constitute an approval of the approach or direction relative to means and methods of construction.

The Contractor's Progress Schedule, at a minimum, shall identify significant interim milestones that relate to the Project's Summary Schedule, in addition to:

- Notice-to-Proceed
- Mobilization
- Weather Days Allowance
- Contract Float
- Substantial Completion
- Commissioning: Startup and Testing and Training
- Final Completion

1.15.3 Schedule Updates

On a regular basis, and not less than monthly, summary schedules should be updated to track and monitor progress of activities, completion of contract deliverables, interim milestone achievement, start and completion dates, and other related aspects of scheduling. Additionally, any approved changes to the scope of work will be reflected in the schedules.

Progress is monitored by comparing monthly work accomplished against both the baseline plan, and the progress of work from the prior month. Starting with the first month of status updating, progress for all projects will be measured against the baseline for start and finish dates, scheduled progress and cash flow, along with analysis for changes in logic and activities durations.

1.16 TECHNICAL MANUAL

1.16.1 Schedule

1.16.1.1 WORK under this Contract involves start-up and commissioning of equipment. Technical Manuals shall be complete for each piece of equipment prior to training of the Owner's personnel. Except where indicated otherwise, manuals shall be submitted for review in final form a minimum of 30 days prior to startup commissioning for the associated piece of equipment. Discrepancies found by the Owner shall be corrected within 30 Days from the date of written notification by the Owner.

- 1.16.1.2 Manuals that are incomplete or unacceptable at the schedule criterion above will constitute sufficient justification for the Owner to retain an amount up to 2% from any monies due the Design-Build Entity.

1.17 RECORD DRAWINGS

The Design-Build Entity shall maintain one set of Drawings at the Site for the preparation of record drawings. On these, it shall mark every project condition, location, configuration, and any other change or deviation which may differ from the Contract Drawings at the time of award, including buried or concealed construction and utility features that are revealed during the course of construction. Special attention shall be given to recording the horizontal and vertical location of buried utilities that differ from the locations indicated, or that were not indicated on the Contract Drawings. Said record drawings shall be supplemented by any detailed sketches as necessary or as Design-Build Entity is directed, to fully indicate the WORK as actually constructed. These record drawings are the Design-Build Entity's representation of as-built conditions, shall include revisions made by addenda and change orders, and shall be maintained up-to-date during the progress of the WORK. Red ink shall be used for alterations and notes. Notes shall identify relevant Change Orders by number and date.

1.18 ASSET MANGEMENT

The Design-Build Entity shall be responsible for preparing an electronic database, in a format provided by the Owner, of the project assets being installed under this project and subsequently transferred to the Owner upon substantial completion of the project. At a minimum, the asset database shall include, but is not limited to, the following:

1. process equipment (particularly those with a process identification tag numbers)
2. rotating machinery,
3. instrumentation,
4. electrical equipment,
5. valves,
6. specialty fittings,
7. tanks,
8. pressure vessels, and
9. building mechanical equipment.

A draft version of the asset database shall be included as part of the Design- Build Entity's Substantial Completion application. The final version of the database shall be provided to the Owner prior to Final Completion.

PART 2 ACCEPTANCE TEST REQUIREMENTS

The Design-Build Entity shall be responsible for coordinating and completing all commissioning activities including but not limited to the overall system startup and testing. The Design-Build Entity shall coordinate with the Owner and is responsible for providing all labor, equipment, and materials for conducting commissioning activities including but not limited to individual systems startup and testing.

2.1 Starting and Placing Equipment in Operation

Design-Build Entity shall initially start-up and place all installed equipment into successful operation according to manufacturer's written instructions and as instructed by manufacturer's field representative. Design-Build Entity shall provide all material, labor, tools, equipment, lubricants, and expendables required to complete start-up. No system or subsystem shall be started up for continuous operation unless all components of that system or subsystem, including instrumentation, have been tested and proven to be operable as required for proposed work.

General system startup activities are anticipated to include but not be limited to cleaning; removing temporary protective coatings; flushing and replacing greases and lubricants as required by manufacturers; lubrication; checking shaft and coupling alignments and resetting where required; checking and setting motor, pump and other equipment rotation, safety interlocks, and belt tensions; checking and correcting if necessary leveling plates, grout, bearing plates, anchor bolts, fasteners and alignment of piping which may put stress on equipment; performing any adjustments; providing chemicals and lubricants and all other required operating fluids; providing fuel, electricity, water, filters; and, other expendables required for startup of equipment.

Owner will provide sufficient personnel to assist Design-Build Entity in the start-up, but the prime responsibility for proper mechanical operation shall belong to Design-Build Entity. Manufacturer's representatives shall be present during initial start-up and operation. Owner will assume responsibility for operation of the equipment upon completion of start-up and placing equipment in operation. Owner shall provide all chemicals (salt and sodium hypochlorite) for startup and operation.

2.2 Minimum Start-Up Requirements

- 2.2.1. The Design-Build Entity shall check each electrical control circuit to assure that operation complies with regulations and requirements of proposed work and to provide desired performance.
- 2.2.2. The Design-Build Entity shall inspect for cleanliness, and clean and remove all foreign materials, verify alignment, replace defective bearings and those, which run rough or noisy, and grease as necessary in accordance with manufacturer's recommendations.
- 2.2.3. The Design-Build Entity shall vent gasses trapped in any part of systems and verify that liquids are drained from all parts of gas or air systems.

- 2.2.4. The Design-Build Entity shall inspect both hand and automatic control valves, clean bonnets and stems; tighten packing glands to assure no leakage, but permit valve stems to operate without galling; replace packing on any valve that continues to leak; remove and repair bonnets that leak; and coat packing gland threads and valve stems with a surface preparation of "Moly-Cote" or "Fel-Pro" after cleaning. The Design-Build Entity shall verify that control valve seats are free from foreign material and are properly positioned for intended service.
- 2.2.5. System start-up and operational testing procedures shall not be limited to those specified herein. Others shall be performed as required to prove that the system functions and performs as described and required by this Design-Build Criteria Package.

2.3 Equipment Startup and Performance Testing

- 2.3.1. The Design-Build Entity shall be responsible for performance testing during startup of all mechanical, electrical equipment and systems.
- 2.3.2. Provide a testing plan setting forth the sequence in which all testing work required for the proposed upgrades will be implemented.
- 2.3.3. Documentation of the results of all equipment and system tests shall be submitted to the Owner. Provide calibration tags for all Design-Build Entity furnished and installed equipment certifying the date of calibration.
- 2.3.4. The Design-Build Entity shall also be responsible for providing a Certificate of Proper Installation (COPI) for all equipment. COPIs will be provided to the Owner or the Owner's Representative prior to commencing any commissioning, startup and testing activities. COPIs will be included in the Technical Manual.

2.4 Instruction of Operations and Maintenance Personnel

Training shall be provided to operation and maintenance staff regarding how to identify and handle emergency leaks and emergency response procedures that need to be followed related to the acid system.

PART 3 TECHNICAL REQUIREMENTS

3.1 Plant Site / Civil Requirements

The Design-Build Entity shall be responsible for becoming completely familiar with the site conditions in connection with developing the final site plan including all site investigations. If analysis of subsurface conditions, geotechnical conditions, and soil

borings are required to complete the work, it shall be the responsibility of the Design-Build Entity to perform this work.

3.2 Demolitions and Equipment Removal

Design-Build Entity shall be responsible for all labor, materials, equipment, and incidentals required for demolitions and pay for all disposal fees. Design-Build Entity shall not start removals without the permission of the Owner. At least 48 hours prior to commencement of any demolition activities, the Design-Build Entity shall advise the Owner, in writing, of the proposed schedule.

Design-Build Entity shall carry out operations so as to avoid interference with Owner's operations and work in the existing facilities. Design-Build Entity shall perform all demolition and removal work so as not to interfere with the use and safe passage to and from adjacent structures and shall prevent damage or injury to structures, occupants, and adjacent features, which might result from falling debris or other causes. Design-Build Entity shall erect and maintain barriers, lights, sidewalk sheds, and other necessary protective devices. The Design-Build Entity is responsible for repairing damage to the Owner's property or facilities, caused by the Design-Build Entity's activities.

Design-Build Entity shall not bring explosives on site or use explosives without written consent of authorities having jurisdiction. Design-Build Entity shall use water sprinkling, temporary enclosures, and other suitable methods for dust control within the lowest practical level in compliance with governing regulations.

Surfaces of walls, floors, ceilings, or other areas, which are exposed by any of the removals, and which will remain as architecturally finished surfaces shall be repaired and re-finished by Design-Build Entity with the same or matching materials as the existing adjacent surface. Adjacent structures, facilities, and improvements impacted by dust, dirt, and debris caused by demolition operations shall be cleaned and returned to pre-construction conditions.

Where piping that is to be removed passes through existing walls, the piping shall be cut off and properly capped on each side of the wall. When underground piping is to be altered or removed, the remaining piping shall be properly capped. Abandoned underground piping may be left in place and grouted under major structures/roadways, unless it interferes with the work. Any changes to potable water piping work shall be made in conformance with all applicable codes and under the same requirements as other underground piping.

All materials and equipment removed from existing work shall become the property of Design-Build Entity, except for those which Owner has identified and marked for their use. All materials and equipment marked by the Owner for its use shall be carefully removed by Design-Build Entity so as not to be damaged, and shall be cleaned and stored in a protected location specified by the Owner. Design-Build Entity shall dispose

of all demolition materials, equipment, debris, and all other items not marked by the Owner, off the work site and in conformance with all existing applicable laws and regulations.

Upon completion of the work, all materials, equipment, waste, and debris of every sort shall be removed and premises shall be left, clean, neat, and orderly Trenching, Excavation and Backfill

The Design Build Entity will adhere to all OSHA and PBC regulations when performing all excavating activities. Written documentation shall be provided indicating compliance with Florida Trench Safety Act.

All remaining spoil piles shall be removed from site.

Design-Build Entity shall furnish all labor, materials, equipment and incidentals required to perform all excavating, backfilling and disposing of earth materials required for the purpose of constructing structures, conduits, pipelines, grading, and other facilities required to complete the work in every respect.

Design-Build Entity shall be solely responsible for designing, installing, operating and maintaining whatever system is required to satisfactorily accomplish all necessary sheeting, bracing, protection, underpinning and dewatering.

Design-Build Entity shall be responsible for all field test data and shall submit to Owner copies of all test reports from his testing laboratory.

Design-Build Entity shall perform excavation work in compliance with applicable requirements of governing authorities having jurisdiction. Design- Build Entity shall obtain all necessary permits including but not limited to work in roads and rights of way. Design-Build Entity shall also obtain permits as required by local, state and federal agencies for discharging water from excavations.

The use of explosives will not be permitted.

Data on subsurface conditions will be made available by Owner for the convenience of Design-Build Entity. The reports are not intended as a representation or warranty of continuity of such conditions between soil borings. Owner will not be responsible for interpretations or conclusions drawn by Design-Build Entity. Additional test borings and other exploratory operations may be made by Design-Build Entity at no cost to Owner.

Drawings from existing records showing certain surface and underground structures adjacent to the work will be made available by Owner. It is not guaranteed to be correct or complete and is shown for the convenience of the Design-Build Entity. Design-Build Entity shall explore ahead of the required excavation to determine the exact location of all structures. They shall be supported and protected from damage

by the Design-Build Entity. If they are broken or damaged, they shall be restored immediately by the Design-Build Entity at its expense.

Design-Build Entity shall locate existing underground utilities in the areas of work. If utilities are to remain in place, Design-Build Entity shall provide adequate means of protection during earthwork operations. If uncharted or incorrectly charted piping or other utilities are encountered during excavation, Design-Build Entity shall consult the Owner immediately for directions as to procedure. Design-Build Entity shall cooperate with Owner and utility companies in keeping respective services and facilities in operation. Design-Build Entity shall repair damaged utilities to the satisfaction of Owner.

Design-Build Entity shall not interrupt existing utilities serving facilities occupied and used by Owner or others, except when permitted in writing by Owner and then only after acceptable temporary utility services have been provided.

3.3 Cast-In-Place Concrete

Where required for wall penetrations, pipe supports, and other repair or replacements required to complete the work, the Design-Build Entity shall be responsible for providing concrete consisting of portland cement, fine and coarse aggregate, water, and approved admixtures; then combined, mixed, transported, placed, finished and cured to accommodate the proposed work. All admixtures, curing compounds, and related products used in concrete or the curing and repair of concrete, which can contact potable water, shall be certified as conforming to the requirements of ANSI/NSF 61 for contact with potable water when in the finished concrete.

3.4 Miscellaneous Metals

All metals shall be non-ferrous except of steel reinforcing and as approved by the Owner. All bolt, nuts and washers shall be 316 stainless steel and the nuts shall be coated to prevent galling. All anchor bolts shall be 316 stainless steel, provide additional pricing for titanium anchor bolts. Stanchions, pipe supports, equipment bases, braces, unistrut and straps shall be 316 stainless steel or aluminum. Dissimilar metal protection shall be provided through use of appropriate dielectric materials where required.

3.6 Painting and Coating

Design-Build Entity shall provide all labor, materials, tools, equipment, and incidentals as required to furnish and apply coating systems for surface preparation and coating of all new and existing interior and exterior surfaces identified as part of the work. Manufacturer's- recommendations including surface preparation, cure times, application thickness, application method, applicability of selected paintings and

coatings for their intended use shall be strictly followed. Items to be coated shall include but not be limited to walls, floors, piping, equipment, supports and other pertinent accessory items or area damaged by construction activity.

Owner's approval shall be required for all components of the surface preparation, selection of colors, and paint system application before the start of proposed work.

Color-coding of pipelines, valves, equipment and ducts shall comply with applicable standards of ANSI A13.1, ANSI 2535.1, and 40 CFR 1910.144. Finish coats of paint for pipelines and equipment shall be coded in basic colors. Colors shall be brilliant, distinctive shades matching safety and pipeline colors per ANSI 2535.1, Recommended Standards for Water Works; Recommended Standards for Wastewater Facilities, color specifications for safety colors and other primary colors.

Provide pipe labels with flow arrows at each change in direction, tees (all sides) and every 20 feet of straight run.

3.7 Valves and Piping Requirements

The Design-Build Entity is responsible for the final sizing and selection of all equipment, pipe, supports, and associated materials. The Design-Build Entity shall conform to the current version of the Palm Beach County Water Utilities Minimum Design Standards and Approved Materials List.

At a minimum, the following information shall be submitted to the Owner for review and approval prior to installation:

- Detailed drawings and manufacturer's data for valves, pipe, fittings, gaskets, harnessing, supports, bolt kits, couplings, and all other pertinent materials required to complete the work.;
- Certificates of compliance with applicable referenced standards and any provisions for valves, pipe, joints, fittings, coatings, linings, sleeves, gaskets, harnessing, and all other appurtenances;
- Field pressure testing;
- Flushing and disinfection plans; and
- Signed and sealed calculations for pipe support systems.

Materials shall be delivered to the site to ensure uninterrupted progress of the work. Pipe, fittings, valves and associated other materials shall be handled carefully with approved handling devices. Materials shall be stored on heavy wood blocking or platforms so they are not in contact with the ground. Delivered materials shall be inspected for cracked, gouged, chipped, dented or other damage to the packaging or materials. If such damage is found, damaged materials shall be rejected and

immediately removed from the site. If in the process of manufacture, transportation, storage or handling, any valves, pipe, fittings, or associated other materials are damaged, such material shall be rejected and replaced at the Design-Build Entity's expense.

Pipe interiors shall be kept completely free from dirt and foreign matter. All pipe shall be installed in strict accordance with the manufacturer's instructions and recommendations. When pipe must be cut to fit in the field, the work shall be performed using tools and equipment specifically designed for cutting the pipe, so as to avoid damage to the pipe and to leave a smooth end. Improperly cut and/or fitted pipe will be rejected and replaced at the Design-Build Entity's expense.

The manufacturer's field representative shall certify the installations observed were satisfactorily completed and all installation crews were familiar with the proper methods and procedures for the pipeline installation.

3.8 Electrical Requirements

3.8.1 Basic Requirements

Design-Build Entity shall design and provide all labor, materials, equipment and incidentals to complete the electrical work. All systems shall be properly grounded. Exterior systems shall have lightning protection.

3.8.2 Codes

Material and equipment shall be installed in accordance with the current standards and recommendations of the National Electrical Code, the National Electrical Safety Code, and with local codes, which apply. Where discrepancies arise between codes, the most restrictive regulation shall apply.

3.8.3 Area Classifications

3.8.3.1. Wet Locations: The following areas shall be considered wet locations:

3.8.3.1.1. All outdoor areas.

3.8.3.1.2. All indoor areas below grade unless otherwise specified.

3.8.3.1.3. Materials, equipment and incidentals in areas identified as wet locations shall meet NEC and NEMA requirements for wet locations. Enclosures shall meet NEMA 4 requirements as a minimum. Conduits shall be terminated enclosures with watertight, threaded hubs.

3.8.3.2. Corrosive Locations

All chemical storage and pumping areas or rooms. Materials, equipment and incidentals in areas identified as corrosive shall meet NEC and NEMA requirements for corrosive locations. Conduit systems shall be PVC and enclosures shall meet NEMA 4X requirements. Conduits shall be terminated at enclosures with watertight hubs. Independent supports shall be 316 stainless steel struts.

3.8.4 Electrical Equipment

All new electrical equipment shall be capable of operating successfully at full-rated load, without failure, with an ambient outside air temperature of 0 degrees F to 122 degrees F and an elevation of 400 feet (MSL). All electrical devices and equipment shall have ratings based on 75 degrees C terminations. All electrical equipment enclosures at a minimum shall meet NEMA 12 requirements.

3.8.5 Schematic Diagrams

Schematic diagrams shall be prepared by the Design-Build Entity to act as guidance in fulfilling the operational intent of the conceptual documents. It shall be the Design-Build Entity's responsibility to meet all safety and electrical codes, and to provide all equipment, appurtenances and specialty items required to provide for complete and operable systems. Review of control schemes submitted Design-Build Entity shall not relieve Design-Build Entity of their contractual responsibility to provide complete and successfully operating systems.

Provide updates to the WTP 3 loop diagrams for the equipment which has been added and/or modified.

3.8.6 Raceway Systems

Design-Build Entity shall furnish and install conduit and fittings to form complete, coordinated and grounded raceway systems. Design-Build Entity shall provide for the proper installation of all conduits for each system.

- 3.8.6.1. Rigid aluminum conduit for exposed indoor conduit runs in non-corrosive areas and rigid aluminum at all other sites.
- 3.8.6.2. PVC Schedule 80 for individual conduit runs direct buried in earth.
- 3.8.6.3. Schedule 40 PVC for conduit runs embedded in or under structural concrete slabs or in concrete ductbanks (all sites).
- 3.8.6.4. PVC Schedule 80 conduit for exposed indoor and outdoor runs in corrosive areas.
- 3.8.6.5. Flexible conduit for connections to motors and equipment.

3.8.7 Inspections, Testing and Adjustments

Accompany the normal installation tests with inspections to demonstrate to the satisfaction of the required jurisdictional authorities the following:

- 3.8.7.1. Connections: All circuits are properly connected in accordance with the drawings and applicable approved shop drawings.
- 3.8.7.2. Operation: All circuits and devices are operable.
- 3.8.7.3. Identification: All conductors are properly identified at each terminal.

Test each electrical circuit after permanent cables are in place to demonstrate that the circuit and connected equipment perform satisfactorily and that they are free from improper grounds and short circuits. Individually test 600-volt cables for insulation resistance between phases and from each phase to ground. Test after cables are installed and before they are put in service with a Megger whose rating is suitable for the tested circuit. Tests shall meet with the applicable specifications of ICEA S 66 524 and NEMA WC? 1971.

The insulation resistance for any given conductor shall not be less than 1 megohm for 600 volt and less service. Any cable not meeting this value or which fails when tested under full load conditions shall be replaced with a new cable for the full length. Megger testing reports shall be submitted and included in the Technical Manual.

Test shielded instrumentation cable shields with an ohmmeter for continuity along the full length of the cable and for shield continuity to ground. Connect shielded instrumentation cables to a calibrated 4- 20 milliamp DC signal transmitter and receiver. Test at 4, 12, and 20 milliamp transmitter settings.

Test the completed ground systems for continuity and for resistance to ground using an electrical ground resistance tester. Ground system resistance must be less than 5 ohms. Add up to two additional rods, spaced at 20 feet minimum from other electrodes, until resistance is less than 5 ohms.

Operate all starters, circuit breakers and associated equipment to demonstrate suitability and compliance with Specifications and reference standards, except for short circuit interrupting rating or other inherent design features covered by shop tests. Test all motors for direction of rotation and reverse connections if necessary. Check control circuits to determine that operation and sequence are correct and adjust limit switches, pressure switches, float switches, timers and other devices to give proper operation.

3.9 Instrumentation and Control Requirements

- General

Design-Build Entity shall provide all labor, materials, equipment and incidentals as shown, specified and required to furnish, install, calibrate, test, start-up and place in satisfactory operation a complete and operating system for proposed work, including programming of the PLC, SCADA, and all required wire terminations. Tag number, equipment number, and description shall match the Owners numbering convention standards.

- Calibration, Start-Up and Testing

Field verify the calibration and performance of each instrument prior to start-up of the associated equipment, and document on a separate sheet for each.

- System Check-Out and Start-Up Responsibilities

Design-Build Entity shall retain the services of a single system supplier to supervise and/or perform check out and startup of all system components. As part of these services, the system supplier shall coordinate and include check-out and start-up for those equipment items not manufactured or provided by him. The services of an authorized manufacturer's representative to check the equipment installation and place the equipment in operation may be required. The manufacturer's representative shall be thoroughly knowledgeable about the installation, operation and maintenance of the equipment.

Check and approve the installation of all instrumentation and control system components and all cable and wiring connections between the various system components prior to placing the various processes and equipment into operation. Conduct a complete system checkout and adjustment, including calibration of all instruments, tuning of control loops, checking operation functions, and testing of final control actions. When there are future operational functions included in this work, they should be included in the system checkout. All problems encountered shall be promptly corrected to prevent any delays in startup of the various unit processes.

System supplier shall provide all test equipment necessary to perform the testing during system checkout and start up. Design- Build Entity and system supplier shall be responsible for initial operation of monitoring and control system and shall make any required changes, adjustment or replacements for operation, monitoring and control of the various processes and equipment necessary to perform the functions intended.

Design-Build Entity shall furnish to the Owner certified calibration reports for field instruments and panel mounted devices specified in this Section as soon as calibration is completed. Design-Build Entity shall furnish Owner an installation inspection report certifying that all equipment has been installed correctly and is operating properly. The report shall be signed by authorized representatives of both Design- Build Entity and the system supplier.

- Instrumentation and Control System Field Test

Following the plant monitoring and control system checkout and initial operation, system supplier, under the supervision of the Design-Build Entity, shall perform a complete system test to verify that all equipment and programmed software is operating properly as a fully integrated system, and that the intended monitoring and control functions are fully implemented and operational. Any defects or problems found during the test shall be corrected by system supplier, and then retested to demonstrate proper operation. Following demonstration of all system functions, the plant monitoring and control system including field sensors/transducers and instruments, and telemetry system shall be running and fully operational for a continuous 72-hour period.

- Control Panels and Enclosures

Control panels located inside control or electrical room areas shall be NEMA 12 rated unless differently noted on drawings. All others shall be stainless steel or non-metallic NEMA 4 except in corrosive areas, which shall be NEMA 4X. Provide panel ventilation or air conditioning if required by ambient conditions. Use pan type construction for doors. Door widths shall not exceed 36-inches. Exterior panel with displays shall face north. Exterior control panels shall be 316 stainless steel with powder coated white epoxy exterior finish.

- Surge Protection

Surge protection shall be provided to protect all electronic instrumentation from surges propagating along the signal, telephone, and power supply lines. Locate the suppression device as close as possible to the load device. The protection systems shall be such that the protection level shall not interfere with normal operation, but shall be lower than the instrument surge withstand level, and be maintenance free and self-restoring. Instruments shall be housed in suitable metallic cases, properly grounded. Ground wires for all surge protectors shall be connected to a good earth ground and where practical each ground wire run individually and insulated from each other.

PART 4 SUBMITTALS

4.1 Design-Build Entity submittals shall include but not be limited to:

- 4.1.1. Utility Locate Plan
- 4.1.2. Demolition Plan
- 4.1.3. Shutdown Plan
- 4.1.4. Commissioning Plan for startup and testing activities
- 4.1.5. Drawings and Calculations
 - 4.1.6.1. 60%
 - 4.1.6.2. 100%
- 4.1.6. Shop Drawings (including, but not limited to chemical pipe & fittings, leak detection system, chemical coating, grout and patching, electrical and etc.)
- 4.1.7. Technical Manual
 - 4.1.10.1. Certificate of Proper Installation (COPI)
 - 4.1.10.2. Testing reports (e.g. megger testing)
 - 4.1.10.3. UL Certification Reports
- 4.1.8. Spare Parts and Tools
- 4.1.9. 90-day Operating Supplies
- 4.1.10. Schedules
 - Baseline Schedule
 - Initial 30-day Plan of Operation
 - Four week Look Ahead Schedules
 - Minimum monthly schedule updates
 - Installation Plan for rotary drum vacuum filter
 - 90-days to Completion Schedule
- 4.1.11. Permits
- 4.1.12. As-Built Drawings
- 4.1.13. Warranty
- 4.1.14. Closeout Documents

ATTACHMENT J

Supporting Document

Revised 12/20/2022

VENDOR QUOTE SUMMARY

WTP3 Acid Line Replacement

WO-4

GT #120441

BB Section	Description	Vendor/Contractor	Cost	Note
5 - METALS	MISC METALS & FRP	WURTH ACTION	\$ 19,704.06	SELECTED VENDOR
5 - METALS	MISC METALS & FRP	MARSH FASTENERS	\$ -	NO RESPONSE
5 - METALS	MISC METALS & FRP	A. TARLER	\$ 27,264.40	TOO HIGH
40 - PROCESS INTERCONNECTIONS	HALAR & PVC PIPE, FITTINGS	RYAN HERCO	\$ 249,497.83	SELECTED VENDOR
40 - PROCESS INTERCONNECTIONS	HALAR & PVC PIPE, FITTINGS	HARRINGTON	\$ 260,847.09	TOO HIGH
40 - PROCESS INTERCONNECTIONS	HALAR & PVC PIPE, FITTINGS	CORE & MAIN	\$ -	NO RESPONSE
41 - RENTAL EQUIPMENT	FORKLIFT	UNITED SITE	\$ 5,997.00	SOLE SOURCE

December 19, 2023

Jane House, P.E.
Director of Engineering
Palm Beach County Water Utilities Department
8100 Forest Hill Boulevard
West Palm Beach, FL 33413

RE: R2023-0086 Contract for Optimization and Improvements Design-Build
Project No. PBCWUD 24-005
Work Order No. 04
Request to Add Total Safety Training & Consultants LLC

Dear Ms. House,

We request that Total Safety Training & Consultants LLC be added as a subcontractor for the above-referenced work authorization.

Total Safety Training & Consultants LLC will provide safety services for WTP3, which were included in this project's original scope of work. We offered a Letter of Intent signed by Total Safety Training & Consultants LLC for the PBCWUD 24-005 Work Order 04 contract. Therefore, adding this subcontractor will increase our SBE participation in this project.

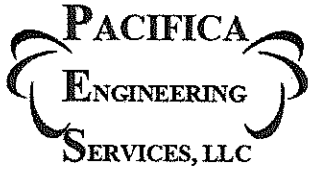
Should you have any questions or comments, please get in touch with me at 561-997-6433. Again, we thank you for your consideration in this matter.

Regards,



Bruce Rahmani, P.E.
Vice President of Construction
Globaltech, Inc.

Cc: Rachael Cloyd/Globaltech



REVISED December 21, 2023
November 16, 2023

Globaltech

6001 Broken Sound Parkway NW, Suite 610
Boca Raton, Florida 33487
Phone: (561) 239-5380
Email: bruce@globaltechdb.com

Attention: Mr. Bruce Rahmani, P.E. | Vice President of Construction

**Re: Proposal for Construction Materials Testing
WTP 3 Acid Line Repair**
13026 Jog Rd, Delray Beach, FL 33446
PACIFICA Proposal No.: 610-12015622

Dear Mr. Rahmani,

INTRODUCTION

Pacifica Engineering Services, LLC (PACIFICA) is pleased to provide this proposal for **Construction Materials Testing Services** for the subject project.

PACIFICA QUALIFICATIONS

PACIFICA is a recognized consulting engineering and testing firm providing integrated services in several disciplines, including geotechnical engineering, construction services, materials engineering and testing, roof and pavement consulting, asbestos management, and facilities consulting and engineering.

PACIFICA has provided similar services for several projects in the Tri-County areas; therefore, we have a very good understanding of the project, the local building department's requirements, as well as understand the critical nature of the inspection and testing requirements for this project.

Our staff includes registered professional engineers with significant construction inspection and testing experience. Our inspectors/technicians are ICC, CWI, ACI, CTQP trained/certified in their respective disciplines. PACIFICA is licensed in the State of Florida to provide Engineering Services.

PROJECT CONSIDERATIONS

It is our understanding that the proposed project will include a acid line repair; along with the associated site work. Based on our experience providing our services for similar projects, PACIFICA proposes to provide the following scope of services during construction:

PROPOSED CONSTRUCTION MATERIALS TESTING SCOPE OF SERVICES

Estimations for Senior Engineer Technician hours are based on providing our services on a part-time, on-call basis as follows:

I. Concrete Inspection, Sampling and Testing:

- Provide ACI certified personnel to sample and test plastic concrete and mold compressive strength cylinders for structural concrete on a "part-time basis". Testing of the plastic concrete will include measurement of its slump, air content, and temperature (ASTM C143, ASTM C231/C173, ASTM C1064, ASTM C 567).
- Perform laboratory compressive strength tests on cured concrete cylinders as outlined in the Project Specifications (ASTM C31 & ASTM C39).

We will report the results of our field and laboratory tests to you and other members of the construction team, within 24 to 48 hours of completion of testing. Please list all contacts for report distribution on the attached Project Data Sheet.

PACIFICA's total fees for the project will only be determined by the actual amount of technical time spent and the amount of field and laboratory tests performed. We request a minimum 24-hour advance notice for the scheduling of field services.

Please note that our services do not include supervision or direction of the actual construction work. Also, be aware that neither the presence of our field representative nor the observation and testing by our firm shall imply PACIFICA's responsibility for defects discovered in the construction work. It is understood that our firm will not be responsible for job site safety on this project. Job site safety will be the sole responsibility of others.

In this proposal, the words "inspection" and "verify" are used to mean observation of the contractors work and the conducting of tests by PACIFICA to determine substantial compliance with plans, specifications and design concepts.

COMPENSATION, PAYMENT AND TERMS

Based on the described scope of services and our experience with similar projects, we have developed a Cost Estimate fee of **\$1,512.15** for material testing services. Additional services required beyond the scope of services included in this proposal will be invoiced on a time and expense basis in accordance with our unit rates presented on the attached fee schedule. You will be contacted for authorization should additional services beyond the estimated budget be required to complete the scope of services. Please note that we do not have control over the contractor's construction practices, schedules, or inclement weather. This proposal does not include the fee of standby time or any re-inspections that may be required if the contractor's work is incomplete or is found to be in non-compliance with established standards at the time of our initial inspection. The General Contractor primarily controls the number of inspections made and the duration of the inspections.



AUTHORIZATION

If this proposal is acceptable, please sign in the space provided to formalize the agreement. We note that the attached General Conditions are a part of this proposal.

We appreciate the opportunity of submitting this proposal and look forward to working with you on this project. Please contact us by phone 561-693-8093 or email at wesley.foster@pacificaes.com if any questions arise or if we may be of any service in any way.

Respectfully submitted,

Pacifica Engineering Services
Florida Certification of Authorization License No. 32328


Wesley C. Foster, P.E.
Principal Engineer

Attachments: Fee Estimate
Project Data Sheet
General Conditions

AUTHORIZED BY:		INVOICE TO:	
Signature:		Firm:	
Name:		Address:	
Title:			
Date:		Attention:	



COST BREAKDOWN

	QUANTITY	UNIT	RATE	TOTAL
I. MATERIAL TESTING SERVICES				
Concrete Compression Test	3	Sets	\$ 145.00	\$ 435.00
Engineering Technician	10	Hours	\$ 93.00	\$ 930.00
Engineer, P.E.	1	Hours	\$ 147.15	\$ 147.15
<i>Sub Total for Material Testing Services</i>				\$ 1,512.15
COST ESTIMATE FEES				\$ 1,512.15

Notes:

- All time is billed on a portal to portal basis in whole hour increments. A minimum charge of 4 hours will be applied for all field services. Failure to cancel services prior to our arrival on site will result in a 3-hour technician charge.
- Overtime rates are applicable for all time over (40) hours a week, any work done on Saturdays, Sundays, and holidays. Overtime rates will be 1.5 times the normal rates.
- Stand-by time, delays and cancellations without notice will be charged at \$58.00/hour per technician.
- Contractor to schedule our services with at least 24 hours' notice via email at schedule@pacificaes.com.



Total Safety Training & Consultants, LLC

South Florida Construction Safety Professionals

8259 N. Military Trail Suite 5
 Palm Beach Gardens, FL 33014
 Phone: (954) 679-9008 Cell: (954) 540-6241

Quotation

DATE 11/16/2023
 Quotation # 10342
 Customer ID GLBT10393

Quotation For:

GlobalTech
 6001 Broken Sound Pkwy NW #610, Boca Raton, FL 33487
 Boca Raton, FL 33487
 (561) 997-6433

Quotation valid until: 11/26/2023

Prepared by: Darrylle Hood
 Executive Director

Project Information: Project: PBC WTP 3 Acid Line Repair

Category: Safety & Health

PROJECT NUMBER	P.O. NUMBER	START DATE	END DATE	PROJECT DURATION	TERMS
PBC WTP3	N/A	TBD	TBD	120 Days	TBD

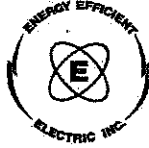
QUANTITY	DESCRIPTION	UNIT PRICE	TAXABLE?	AMOUNT
20	Safety & Health Management / Weekly Jobsite Safety Inspections in compliance with OSHA 29 CFR 1926 standards for construction.	\$ 550.00	N	\$ 11,000.00
1	Site Specific Safety & Health Plan	\$ 800.00	N	\$ 800.00
10	Employee Safety Training	\$ 149.00	N	\$ 1,490.00

SUBTOTAL	\$ 13,290.00
TAX RATE	0.00%
SALES TAX	\$ -
OTHER	\$ -
TOTAL	\$ 13,290.00

Comments or Special Instructions: This quote is based on the estimated job duration and the frequency of requested services.

If you have any questions concerning this quotation, contact: Darrylle Hood, (954) 540-6241, email: thesafetypro@gmail.com.

THANK YOU FOR YOUR BUSINESS!



Energy Efficient Electric, Inc.
1600 Mercer Ave. Unit 6
West Palm Beach, FL. 33401
Phone (561) 655-7211 Fax (561) 655-9661
Mobile (561) 346-2083
E-Mail Address: sean@energyeff.com
State License #EC 0001096

November 8, 2023

Electrical Scope of Work

Palm Beach County WTP 3 Acid Leak Detection

Quote # 31901

We are pleased to provide your firm with our scope and proposal for the necessary electrical work on the above-referenced project. Our proposal is based on a site visit and scope of work provided by Globaltech, Inc.(Dan Lauth) and Hillers Electrical Engineering (Thein Win).

Included:

1. Furnish and install conduit and wire in chemical trench to acid leak detectors (QTY 6).
2. Terminate wiring to sensors.
3. Furnish and install pipe supports inside chemical trench as needed.
4. Furnish and install conduit and wire to PCM-3 from chemical trench.
5. Testing and startup.

Excluded:

1. Permit fees.
2. Concrete and asphalt cutting and patching.
3. Concrete pads.
4. Excavation and restoration of road crossing between chemical trench and existing control manhole north of trench (24" depth, 12" width, 40' length). Concrete encasement not required as per Thein.
5. Programming and PCM-3 modifications.

Lump Sum

\$65,300

We appreciate the opportunity to quote your organization on this project. If you have any questions, please call me at the office. This quote is valid for 30 days.

Thank You Very Kindly,

Sean Viau
Estimator

Residential ----- Lighting Systems ----- Commercial ----- Industrial



October 18, 2023

5th Revision 12-20-23

Dan Lauth, P.E.
Construction Manager
Globaltech
6001 Broken Sound Parkway NW, Suite 610
Boca Raton, FL 33487

**RE: Restoration of Acid Trenches
Water Treatment Plant #3, Palm Beach County**

Dear Dan,

With reference to our recent site meeting, please find the attached sheet S-1 showing the proposed four schemes for correcting the existing decayed acid trenches.

Purpose

The existing 2 to 2' – 6" deep concrete trenches with removable covers had sulfuric acid leaks, and the bottom half of the trenches had deteriorated. The existing trenches are designed to withstand HS20 traffic loading.

This office prepared four different options for correcting the current situation. We may have to use one or two options to correct the situation depending on the evaluation of the entire affected length of the trench in each segment.

We understand that the plans for the existing trenches are not available.

Lye Services Include the Following:

1. Scan and prepare the existing trenches as-built documents for our evaluation and analysis.
2. Onsite evaluation of existing conditions (This requires cleaning and exposing exposed concrete areas after pressure washing and pumping out stagnated water).
3. Analyze site findings and prepare a letter report with our findings

Once the owner and your office decide how to move forward, we will prepare construction documents for corrective work with material and construction specifications.

We estimate reference corrective work would be \$17,741.82. This includes structural analysis, construction documents, materials, and construction specifications.

- 2211 N.E. 54th Street, Ft. Lauderdale, FL 33308 – (954) 771-0630 – Fax (954) 771-0519
 - 580 Village Blvd. Suite 325 West Palm Beach, FL 33409
 - 16250 NW 59 Ave, #207A, Miami Lakes, FL 33014
- Lye@lyengineering.com



LAKDAS / YOHALEM ENGINEERING, INC.
Consulting Engineers EB 0005458
"Zone of Excellence in Engineering" ©
Since 1970

Lakdas Nanayakkara, P.E
C Eng., M.I. Str.Eng (London)

Pre-Construction Phase

- Review Shop Drawings and Product Approval

Our fee for the said services would be \$1,806.80

Construction Phase

- Periodic Site Inspection Services
- Troubleshooting

Our fee for the said services would be \$7,730.60

Please provide us with a purchase order so that we can schedule the work.

Sincerely,

Lakdas Nanayakkara, P.E. #37590

Accepted By: Dan Lauth

Date

- 2211 N.E. 54th Street, Ft. Lauderdale, FL 33308 – (954) 771-0630 – Fax (954) 771-0519
 - 580 Village Blvd. Suite 325 West Palm Beach, FL 33409
 - 16250 NW 59 Ave, #207A, Miami Lakes, FL 33014
- Lye@lyengineering.com

WORK AUTHORIZATION
Fee Proposal Water Treatment Plant No.3 Pipe Trench Restoration (12-20-23)

LYE Salary Cost

	Principal		Project Manager		Engineer		Administrative Assistant		Totals	
	<i>Hr. Rate</i>	<i>\$214.26</i>	<i>Hr. Rate</i>	<i>\$161.32</i>	<i>Hr. Rate</i>	<i>\$109.70</i>	<i>Hr. Rate</i>	<i>\$70.98</i>		
	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
Task 1. Design Services										
Task 1.1 - Field Evaluation	4	\$857.04	16	\$2,581.12	16	\$1,755.20	3	\$212.94	39	\$5,406.30
Task 1.2 - Analysis & Prepare Letter Report	4	\$857.04	8	\$1,290.56	13	\$1,426.10	3	\$212.94	28	\$3,786.64
Task 1.3- Preparation of Construction Documents	4	\$857.04	16	\$2,581.12	44	\$4,826.80	4	\$283.92	68	\$8,548.88
Subtotals	12	\$2,571.12	40	\$6,452.80	73	\$8,008.10	10	\$709.80	135	\$17,741.82
Task 2. Pre-Construction Phase										
Task 2.1 - Review Shop Drawings & Product Approval	0	\$0.00	4	\$645.28	8	\$877.60	4	\$283.92	16	\$1,806.80
Subtotals	0	\$0.00	4	\$645.28	8	\$877.60	4	\$283.92	16	\$1,806.80
Task 3. Construction Phase										
Task 3.1 - Periodic Site Inspection	0	\$0.00	4	\$645.28	54	\$5,923.80	4	\$283.92	62	\$6,853.00
Task 3.2 -Troubleshooting	0	\$0.00	0	\$0.00	8	\$877.60	0	\$0.00	8	\$877.60
Subtotals	0	\$0.00	4	\$645.28	62	\$6,801.40	4	\$283.92	70	\$7,730.60
Total										\$27,279.22



HILLERS ELECTRICAL ENGINEERING, INC.

November 7, 2023

Dan Lauth, PE
Construction Project Manager
Globaltech, Inc.
6001 Broken Sound Parkway, Suite 610
Boca Raton, Florida 33487

Subject: Palm Beach County WTP No. 3 Acid Leak and Trench Repair

Dear Dan,

Hillers Electrical Engineering, Inc. (HEE) is pleased to provide Globaltech, Inc. a proposal for the electrical and instrumentation design, Programmable Logic Controller (PLC) programming, Supervisory Control and Data Acquisition (SCADA) coordination assistance, and engineering services during construction for the above referenced Design-Build project. Our project scope consists of the following:

- Site visit, field data collection, and coordination meetings.
- Preliminary design and 100% design phase drawings.
- Attend one review meeting and respond to comments.
- Construction services include shop drawing review, request for information (RFI), field change directives, periodic site visits, field inspections, assistance with loop-check, start-up, and testing.
- Provide record drawings and revised loop drawings.
- PLC programming and coordination with the PBCWUD SCADA group.
- Assumption: Due to emergency repair work relating to the acid system, a permit will not be required for the acid leak detection installation.

Our proposed electrical and instrumentation design, PLC programming, and construction services lump sum fee is \$ 13,779.79.

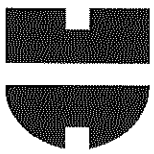
HEE wishes to thank Globaltech, Inc. for the opportunity to provide this proposal. Please do not hesitate to call me if you have any questions regarding this proposal or any other matter.

Sincerely,

A handwritten signature in black ink, appearing to read 'Thein Win', written over a horizontal line.

Thein Win, P.E., LEED AP

PBCWUD WTP No. 3 Acid Leak and Trench Repair										
HILLERS ELECTRICAL ENGINEERING, INC.										
Design-Build Scope Fee Breakdown										
Date: 11/7/2023										
	Raw Rate	\$81.00	\$65.00	\$55.00	\$48.00	\$45.00	\$28.00			
	Multiplier	2.93	2.93	2.93	2.93	2.93	2.93			
	Final Rate	\$237.33	\$190.45	\$161.15	\$140.64	\$131.85	\$82.04			
	Proj. Man.	Prof. Eng.	Programmer	Const. Coord.	CADD/Tech.	Admin. Asst.			TOTAL	
PHASE OF WORK	Hours	Hours	Hours	Hours	Hours	Hours	Expenses	TASK COST	COST	
WTP 3 - Acid Leak and Trench Repair										
Site Visit		2						\$380.90		
Preliminary Drawings		10			10			\$3,223.00		
One Review Meeting and Comments-Responses		4						\$761.80		
Final Drawings		4			4			\$1,289.20		
Shop Drawings Review		2		4				\$943.46		
Start-up, Testing				12				\$1,687.68		
Record Drawings		2		4	4			\$1,470.86		
Loop Drawings		1		2	6			\$1,262.83		
SCADA Coordination, PLC Programming, Testing		2	8	4	4			\$2,760.06		
	Total Hours	27	8	26	28					
	Sub-Total		\$5,142.15	\$1,289.20	\$3,656.64	\$3,691.80			\$13,779.79	



WÜRTH

CONSTRUCTION SERVICES

Wurth Const Svcs - Orlando
 4664 L B McLeod Rd
 Orlando, FL 32811
 US

Selected Quote

QUOTATION

Order Number	
11041111	
Order Date	Page
7/28/2023 08:32:10	1 of 4

Quote Expires On 9/15/2023

Bill To: 58160
 GLOBALTECH, INC.
 6001 BROKEN SOUND PKWY N.W.
 SUITE 610
 BOCA RATON, FL 33487
 US
 561-997-6433
 Attn: ACCOUNTS PAYABLE

Ship To: 58160
 GLOBALTECH, INC.
 6001 BROKEN SOUND PKWY N.W.
 SUITE 610
 BOCA RATON, FL 33487
 US

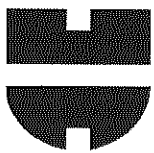
PO Number	Ship Route	Term Desc	Taker
Quoted Updated 9-8-23	LW-N	Net 30	Wesley Ayala
Job Number	Freight Code		Carrier
	Automatic Freight Billed		Our Truck

Quantities					Item ID Item Description	Pricing UOM Unit Size	Unit Price	Extended Price
Ordered	Allocated	Remaining	UOM Unit Size	Disp.				

Order Note: QUOTED PRICES FOR FULL ORDER

Items are subject to availability at the time of purchase order issuance.

50	0	50	EA		HAYDON-HI132OS10SS316	EA	149.99000	7,499.50
				1.0	H-132-OS-10SS316 1-5/8 X 10FT STRUT 12GA	1.0		
Ordered As: 162N10000S123								
Required Date: 7/31/2023								
50	0	50	EA		HAYDON-HI164OS10SS316	EA	99.99000	4,999.50
				1.0	H-164-OS-10SS316 13/16 X 10FT STRUT	1.0		
Ordered As: 81N10000S143								
Required Date: 7/31/2023								
40	0	40	EA		MASDIS-4653S2	EA	9.99000	399.60
				1.0	4653S2 4HOLE CORNER ANGLE 31/2 X 41/8 316 S/S	1.0		
Ordered As: /MICL-223								
Required Date: 7/31/2023								
40	0	40	EA		MASDIS-4641S2	EA	11.99000	479.60
				1.0	4641S2 2 HOLE CORNER ANGLE 1-7/8 X 2-1/16 - 316 STAINLESS STEEL	1.0		
Ordered As: MASDIS-4641S2								
Required Date: 7/31/2023								
100	0	100	EA		MASDIS-4121S2	EA	1.39000	139.00
				1.0	4121S2 3/8-16 SPRING NUT PSRS/SPRA 316	1.0		
Ordered As: 37CSSN3								



WÜRTH

CONSTRUCTION SERVICES

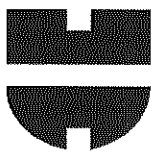
Wurth Const Svcs - Orlando
 4664 L B McLeod Rd
 Orlando, FL 32811
 US

QUOTATION

Order Number	
11041111	
Order Date	Page
7/28/2023 08:32:10	2 of 4

Quote Expires On 9/15/2023

Quantities					Item ID Item Description	Pricing UOM Unit Size	Unit Price	Extended Price
Ordered	Allocated	Remaining	UOM Unit Size	Disp.				
Required Date: 7/31/2023								
200	0	200	EA		7HCSS337C150	EA	0.44990	89.98
				1.0	3/8-16 X 1-1/2 HEX HEAD CAP SCREW ASME B18.2.1 316 STAINLESS STEEL	1.0		
Ordered As: 37C150HCS3								
Required Date: 7/31/2023								
400	0	400	EA		7NFHS337C	EA	0.09990	39.96
				1.0	3/8-16 FINISHED HEX NUT ASME B18.2.2 316 STAINLESS STEEL	1.0		
Ordered As: 37CNFH3								
Required Date: 7/31/2023								
400	0	400	EA		7WAWS337R-BX100	EA	0.07990	31.96
				1.0	3/8 TYPE A WIDE FLAT WASHER ASME B18.21.1 316 STAINLESS STEEL PACKED 100 PER BOX	1.0		
Ordered As: 37NWUS3/PK100								
Required Date: 7/31/2023								
400	0	400	EA		7WFES325R125	EA	0.17990	71.96
				1.0	1/4 X 1-1/4 FENDER WASHER ASME B18.21.1 316 STAINLESS STEEL	1.0		
Ordered As: 25N125WFE3								
Required Date: 7/31/2023								
20	0	20	EA		MASDIS-4322S2	EA	1.79000	35.80
				1.0	4322S2 1/2IN RIGD CONDUIT CLAMP 316S/S	1.0		
Ordered As: 50NSCC3								
Required Date: 7/31/2023								
60	0	60	EA		MASDIS-4324S2	EA	2.99000	179.40
				1.0	4324S2 1IN RIGD CONDUIT CLAMP 316 S/S	1.0		
Ordered As: 100NSCC3								
Required Date: 7/31/2023								
100	0	100	EA		MASDIS-4326S2	EA	5.99000	599.00
				1.0	4326S2 1 1/2IN RIGD CONDUIT CLAMP 316 S/S	1.0		
Ordered As: 150NSCC3								
Required Date: 7/31/2023								
100	0	100	EA		MASDIS-4327S2	EA	6.19000	619.00



WÜRTH

CONSTRUCTION SERVICES

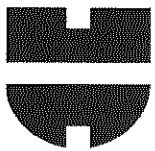
Wurth Const Svcs - Orlando
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 Orlando, FL 32811
 US

QUOTATION

Order Number	
11041111	
Order Date	Page
7/28/2023 08:32:10	3 of 4

Quote Expires On 9/15/2023

Quantities					Item ID Item Description	Pricing UOM Unit Size	Unit Price	Extended Price
Ordered	Allocated	Remaining	UOM Unit Size	Disp.				
				1.0	4327S2 2IN RIGD CONDUIT CLAMP 316 S/S			
					Ordered As: 200NSCC3			
					Required Date: 7/31/2023			
50	0	50	EA		MASDIS-4329S2	EA	8.89000	444.50
				1.0	4329S2 3IN RIGD CONDUIT CLAMP 316 S/S			
					Ordered As: 300NSCC3			
					Required Date: 7/31/2023			
50	0	50	EA		MASDIS-4331S2	EA	9.99000	499.50
				1.0	4331S2 4IN RIGD CONDUIT CLAMP 316 S/S			
					Ordered As: 400NSCC3			
					Required Date: 7/31/2023			
10	0	10	EA		UNIST-600NSCC3-OE	EA	11.99000	119.90
				1.0	600NSCC3-OE 6IN RIGD CONDUIT CLAMP 316 S/S			
					Ordered As: 600NSCC3			
					Required Date: 7/31/2023			
100	0	100	EA		C-QUOTESPECIAL	EA	8.99000	899.00
				1.0	QUOTE SPECIAL ITEM ONLY ANCWDGSW1/2X8.5 1/2 X 8-1/2 WEDGE ANCHOR 316SS			
					Ordered As: C-QUOTESPECIAL			
					Required Date: 7/31/2023			
150	0	150	EA		7NFHS350C	EA	0.25990	38.99
				1.0	1/2-13 FINISHED HEX NUT ASME B18.2.2 316 STAINLESS STEEL			
					Ordered As: 50CNFH3			
					Required Date: 7/31/2023			
150	0	150	EA		7WAWS350R	EA	0.21990	32.99
				1.0	1/2 TYPE A WIDE FLAT WASHER ASME B18.21.1 316 STAINLESS STEEL			
					Ordered As: 50NWUS3			
					Required Date: 7/31/2023			
100	0	100	EA		7AWGS337C700	EA	5.99000	599.00
				1.0	3/8-16 X 7 WEDGE ANCHOR WITH NUT & WASHER 316 STAINLESS STEEL			
					Ordered As: 37C700AWG3			



WÜRTH

CONSTRUCTION SERVICES

Wurth Const Svcs - Orlando
 4664 L B McLeod Rd
 Orlando, FL 32811
 US

QUOTATION

Order Number	
11041111	
Order Date	Page
7/28/2023 08:32:10	4 of 4

Quote Expires On 9/15/2023

Quantities					Item ID Item Description	Pricing UOM Unit Size	Unit Price	Extended Price
Ordered	Allocated	Remaining	UOM Unit Size	Disp.				
Required Date: 7/31/2023								
100	0	100	EA		7NFHS337C	EA	0.11990	11.99
				1.0	3/8-16 FINISHED HEX NUT ASME B18.2.2 316 STAINLESS STEEL	1.0		
Ordered As: 37CNFH3								
Required Date: 7/31/2023								
100	0	100	EA		7WAWS337R-BX100	EA	0.09990	9.99
				1.0	3/8 TYPE A WIDE FLAT WASHER ASME B18.21.1 316 STAINLESS STEEL PACKED 100 PER BOX	1.0		
Ordered As: 37NWUS3/PK100								
Required Date: 7/31/2023								
10	0	10	EA		REDHD-A728	EA	45.99000	459.90
				1.0	728 RED HEAD A7+ 28 OZ ACRYLIC EPOXY	1.0		
Ordered As: /RAMA7P-28								
Required Date: 7/31/2023								
5	0	5	EA		7RATS350C7200	EA	22.99000	114.95
				1.0	1/2-13 X 6 FT ALL THREAD ROD ASME B18.31.3 316 STAINLESS STEEL	1.0		
Ordered As: 50C7200ROD3								
Required Date: 7/31/2023								

Total Lines: 24

SUB-TOTAL: 18,414.97
TAX: 1,289.09
AMOUNT DUE: 19,704.06
 U.S. Dollars

From: Angelica Torres
To: Sales@marshfasteners.com
Subject: ECR Project - PBC
Date: Monday, September 11, 2023 9:06:00 AM
Attachments: SS Hardware - Marsh - 9-9-21.pdf
image001.png
image002.png
image003.png
image004.png
image005.png
image006.png
image007.png

#2 No Response


Good morning,

Could you please update the attached quote from 2021?.


Thank you,

Angelica Torres

Estimator

 O: (561) 997-6433 | C: (561) 768-8980

 www.globaltechdb.com

 [6001 Broken Sound Parkway NW, Suite 610, Boca Raton, Florida 33487](#)



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A. Tarler, Inc.
 1403 S.W. 8th Street
 Pompano Beach, FL 33069

07/28/23

#3 price increased

GLOBALTECH, INC.
 6001 Broken Sound Pkwy
 Suite 610
 Boca Raton, FL 33487

#	676330	07/28/23	70420	4	QUOTE	ASAP
50	EACH	200S6	STRUT 1-5/8"X1-5/8"X10'	EACH	190.00	
50			STAINLESS-EH 12GA (316)		9500.00	
50	EACH	500S6	STRUT 13/16"X1-5/8"X10'	EACH	130.00	
50			STAINLESS-EH 14GA (316)		6,500.00	
20	PCS	EC10-10	STRUT 1-5/8"X1"X10'	PCS	195.00	
20			FIBERGLASS SOLID		3900.00	
40	EACH	PS3033SQ316	POST STRUT BASE SQUARE	EACH	55.00	
40			STAINLESS (316) 1-5/8"		2200.00	
40	EACH	CORNER316SS	CORNER CONNECT 4 HOLE	EACH	9.50	
40			STAINLESS (316) PS607		380.00	
20	EACH	CORNER316SS	CORNER CONNECTOR 2 HOLE	EACH	7.50	
20			STAINLESS 316 PS604		150.00	
100	EACH	STRNUTSPSS3	STRUT NUT SPRING 3/8"	EACH	2.25	
100			STAINLESS (316) PS-RS		225.00	
200	EACH	HCS3163/8X1	BOLT HEX HEAD 3/8"X1-1/2"	EACH	0.50	
200			STAINLESS STEEL (316)		100.00	
400	EACH	WSHR316SS3/8	WASHER FLAT 3/8"	EACH	0.18	
400			STAINLESS STEEL (316)		72.00	
400	EACH	NUT316SS3/8	NUTS HEX 3/8"	EACH	0.20	
400			STAINLESS STEEL (316)		80.00	
400	EACH	TFHSS1/4X1-	SCREWS 1/4"X1-3/4"	EACH	0.50	

07/28/23

GLOBALTECH, INC.
6001 Broken Sound Pkwy
Suite 610
Boca Raton, FL 33487

676330 07/28/23 70420 4 QUOTE ASAP PICK UP

10	EACH	*MISC	A7P EPOXY ADHESIVE	EACH	36.50
10			REDHEAD A7P 28oz		365.00
10	EACH	*MISC	MIXING NOZZLES #S55	EACH	3.50
10					35.00
5	EACH	RDSS3161/2X	ROD ALL THREAD 1/2"X6'	EACH	22.00
5			STAINLESS STEEL-316		110.00
100	EACH	*ANCHOR	WEDGE ANCHOR 1/2"X8-1/2	EACH	8.20
100			STAINLESS STEEL		820.00
100	EACH	*ANCHOR	WEDGE ANCHOR 3/8"X6"	EACH	3.80
100			STAINLESS 316		380.00

Subtotal \$ 27,264.40
Tax \$ 1,908.50
TOTAL \$ 29,172.91



QUOTATION

Billing Inquiries: (305) 599-0022

Sell To:
Globaltech Inc
6001 Broken Sound Pkwy N W
Suite 610

Boca Raton, FL 33487

Page: 1 of 3
Quote Number: 7183027
Quote Date: 11/07/2023
Entered By: Pablo Lopez
Description: PL2|ACID REPAIR JOB|ANGELICA TO

Account Number: 086619
Contact Name:
Contact Phone: (561) 997-6433

Ship To:
Globaltech Inc
6001 Broken Sound Pkwy N W
Suite 610

Boca Raton, FL 33487

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Note: The following does not include Shipping & Handling, Tax, or other applicable charges.

Product #	Description/Notes	Uom	Qty	Price	Total
ACID LINES					
/07102796454	1 X 3 HALAR X HALAR PIPE	EA	36	4,242.0000	152,712.00
070.395250	1 X 3 HALAR X HALAR 90 ELBOW	EA	26	1,252.6000	32,567.60
070.395251	1 X 3 HALAR X HALAR 45 ELBOW	EA	8	899.3040	7,194.43
BUTT FUSION					
/07102796455	1 X 3 HALAR DOG BONE W END W/TAP	EA	2	1,027.7760	2,055.55
/07102796456	1 X 3 HALAR DOG BONE END TERM	EA	2	924.7560	1,849.51
070.162813	1X3 HalarXHalar DucPro Dogbone ACCESS TEE W NPT CAP	EA	4	760.0887	3,040.35
/07102796975	1 ULTRA-PRO HALAR STUB DIN	EA	2	41.9484	83.90
2112.010	PPG BACKING FLG RING 1" PP-FRP COATED OVER STEEL INSERT. FOR USE WITH STUB ENDS.	EA	2	34.4460	68.89
3862.005	TEF AV GSK 1/2"	EA	2	25.7424	51.48
/07102796976	1-1/2X1 ULTRA-PRO HALAR CN RED	EA	2	91.5798	183.16
/07102796977	1/2 ULTRA-PRO HALAR STUB DIN	EA	2	34.8582	69.72
2112.005	PPG BACKING FLG RING 1/2" PP-FRP COATED OVER STEEL INSERT. FOR USE WITH STUB ENDS.	EA	2	34.7775	69.56
3862.010	TEF AV GSK 1"	EA	2	30.2208	60.44
/07102797108	1X3 HALARXHALAR LOW POINT PP REDUCING BUSHING QTY 6 (FOR	EA	6	3,963.2400	23,779.44
ANTI SCALENT					
3905H010	PVC HIGH-QUALITY PIPE N80 1"	FT	260	1.1221	291.75
3806S010	PVC 90 EL N80 1" S SPEARS	EA	10	1.8486	18.49
3817S010	PVC 45 EL N80 1" S SPEARS	EA	10	3.8701	38.70
3829S010	PVC CPLG N80 1" S SPEARS	EA	15	2.2633	33.95
3905H030	PVC HIGH-QUALITY PIPE N80 3"	EA	260	4.9490	1,286.74
3806S030	PVC 90 EL N80 3" S SPEARS	EA	10	8.4240	84.24
3817S030	PVC 45 EL N80 3" S SPEARS	EA	10	19.3206	193.21
3801S030	PVC TEE N80 3" S SPEARS	EA	2	15.4960	30.99
3829S030	PVC CPLG N80 3" S SPEARS	EA	15	11.2658	168.99
3837S335	PVC BUSH N80 3X1" SPGXS SPEARS	EA	2	12.5814	25.16
3905H005	PVC HIGH-QUALITY PIPE N80 1/2"	EA	260	.5488	142.69
3806S005	PVC 90 EL N80 1/2" S SPEARS	EA	10	.8944	8.94
3817S005	PVC 45 EL N80 1/2" S SPEARS	EA	10	1.6874	16.87
3829S005	PVC CPLG N80 1/2" S SPEARS	EA	15	1.6237	24.36
3837S338	PVC BUSH N80 3X2" SPGXS SPEARS	EA	2	12.5814	25.16
3837S249	PVC BUSH N80 2X1" SPGXS SPEARS	EA	2	4.5656	9.13
3837S130	PVC BUSH N80 1X1/2" SPGXS SPEARS	EA	2	1.5028	3.01



QUOTATION

Billing Inquiries: (305) 599-0022

Sell To:
 Globaltech Inc
 6001 Broken Sound Pkwy N W
 Suite 610
 Boca Raton, FL 33487

Page: 2 of 3
 Quote Number: 7183027
 Quote Date: 11/07/2023
 Entered By: Pablo Lopez
 Description: PL2|ACID REPAIR JOB|ANGELICA TO
 Account Number: 086619
 Contact Name:
 Contact Phone: (561) 997-6433

Ship To:
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 6001 Broken Sound Pkwy N W
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Note: The following does not include Shipping & Handling, Tax, or other applicable charges.

Product #	Description/Notes	Uom	Qty	Price	Total
CHLORINE LINES					
3637S249	CPVC BUSH N80 2X1" SPGXS SPEARS	EA	2	11.6667	23.33
3606S020	CPVC 90 EL N80 2" S SPEARS	EA	10	10.1558	101.56
3617S020	CPVC 45 EL N80 2" S SPEARS	EA	6	10.9330	65.60
3670.020	CPVC PIPE N80 2"	EA	660	6.2622	4,133.05
3629S020	CPVC CPLG N80 2" S SPEARS	EA	30	7.4994	224.98
673.209215	PROCO PIPE PENETRATION SEAL 2" EPDM WITH SS HARDWARE MFG P/N PS300E PERMEATE SAMPLE LINE	EA	2	46.3400	92.68
3905H010	PVC HIGH-QUALITY PIPE N80 1"	FT	200	1.1221	224.42
673.230681	PROCO 10PC PEN SEAL BELT CS/EPDM MFG P/N PS360E	EA	1	131.8498	131.85
3806S010	PVC 90 EL N80 1" S SPEARS	EA	6	1.8486	11.09
3817S010	PVC 45 EL N80 1" S SPEARS	EA	6	3.8701	23.22
3836S010	PVC MALE ADPT N80 1" SXMT SPEARS	EA	2	3.6257	7.25
3829S010	PVC CPLG N80 1" S SPEARS	EA	10	2.2633	22.63
TEMPORARY ACID LINE					
0317.463	PFA TUBING 5/8" X 3/4" X 100' TSEFF35-0750-062.10	EA	500	9.3654	4,682.70
3900.020P	PVC PIPE N40 2" PLAIN END	EA	140	.9128	127.79
3417.020	@ PVC 45 EL N40 2" S	EA	16	1.6182	25.89
3447.020	PVC CAP N40 2" S	EA	4	.7076	2.83
0161.710	PFA MALE UNION ADPT 3/4"X 1"MT IMP1216UAM 1103709	EA	2	56.5686	113.14
0161.705	PFA MALE UNION ADPT 3/4"X 1/2"MT IMP128UAM 1103708	EA	10	78.0364	780.36
3655S010	CPVC VAN STONE FLG N80 1" SPEARS	EA	1	8.5999	8.60
3655S005	CPVC VAN STONE FLG N80 1/2" SPEA	EA	1	7.7038	7.70
/07102797447	FUSION TECH 5 DAYS	EA	5	2,499.7500	12,498.75
F.O.B.: SHIPPING POINT FREIGHT PAID BY CUSTOMER ESTIMATED LEAD TIME:TBD THANK YOU FOR THE OPPORTUNITY TO QUOTE ON YOUR REQUIREMENT.					

QUOTATION



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Product #	Description/Notes	Uom	Qty	Price	Total
	PRICE BASED UPON FULL QTY STANDARD LEAD TIME QUOTED ITEM MAY BE ABLE TO BE EXPEDITED. TO IMPROVE QUALITY & ACCURACY REFERENCE THIS QUOTE NUMBER WHEN ORDERING. THANK YOU. ---- Package Subtotal: 249,497.83				

Subtotal: 249,497.83

BRANCH 78J
3120 NORTHWEST 16TH TERRACE
POMPANO BEACH FL 33064
954-972-4445
954-972-4475 FAX

214453962

Job Site
GLOBALTECH INC
6001 BROKEN SOUND PKWY NW
STE 610
BOCA RATON FL 33487-2766
Office: 561-997-6433 Cell: 954-882-1169

Customer # : 1197447
Quote Date : 12/28/22
Estimated Out : 01/03/23 03:00 PM
Estimated In : 01/31/23 03:00 PM
UR Job Loc : 6001 BROKEN SOUND PK
UR Job # : 48
Customer Job ID:
P.O. # :
Requested By : BRUCE RAHMANI
Written By : JOSEPH BURNS
Salesperson : JOSEPH BURNS

GLOBALTECH INC
STE 610
6001 BROKEN SOUND PKWY NW
BOCA RATON FL 33487-2766

**This is not an invoice
Please do not pay from this document**

RENTAL ITEMS:							
Qty	Equipment	Description	Minimum	Day	Week	4 Week	Estimated Amt.
1	3108001	BOOM 76-85' ARTICULATING YOU HAVE RENTED A MOBILE ELEVATING WORK PLATFORM (MEWP). SOME OF OUR MEWPS HAVE BEEN EQUIPPED WITH ACCESSORIES THAT MAY REDUCE THE RISK OF ENTRAPMENT HAZARDS AND CRUSHING INJURIES. OTHERS CAN HAVE THESE ACCESSORIES ADDED. FEEL FREE TO DISCUSS THESE ACCESSORIES WITH YOUR LOCAL BRANCH AND EXPLORE WHETHER YOU WOULD LIKE TO RENT A UNIT EQUIPPED WITH THIS TECHNOLOGY FOR YOUR PARTICULAR PROJECT. FOR FURTHER INFORMATION ON MEWP SAFETY, PLEASE WATCH THE FOLLOWING VIDEO: HTTP://UNITEDRENTALS.COM/MEWPS-SAFETY	1,031.00		2,060.00	4,469.00	4,469.00
1	9021020	BACKHOE/LOADER 60-90HP 4WD	600.00		1,300.00	2,600.00	2,600.00
1	9025240	BACKHOE FORKS	58.00		154.00	371.00	371.00
1	1503600	VIB PLATE REVERSIBLE 7000-8599# IMPACT	265.00		529.00	1,385.00	1,385.00
1	9051080	EXCAVATOR 50000-59999# REDUCED TAIL SWG	1,175.00		2,869.00	7,654.00	7,654.00
1	9051150	EXCAVATOR 70000-84999#	2,231.00		4,825.00	11,928.00	11,928.00
1	9070100	MINI EXCAVATOR 10000-14000#	482.00		1,277.00	2,862.00	2,862.00
1	9046240	LOADER WHEEL FORK ATTACHMENT	78.00		218.00	503.00	503.00
1	9042035	LOADER WHEEL 3.5-3.9 CUBIC YARD	988.00		2,615.00	6,621.00	6,621.00
1	3204001	LIGHT TOWER,4-7KW VERT MAST	172.00		419.00	845.00	845.00
1	1003186	COMPRESSOR 175-195 CFM TIER 4	238.00		508.00	1,138.00	1,138.00
1	3500001	PRESSURE WASHER 4000 PSI	105.00		600.00	800.00	800.00
1	2331675	FORKLIFT VARIABLE REACH 12000# 53' & UP	869.00		2,132.00	5,215.00	5,215.00
1	2501013	CONFINED SPACE EQUIPMENT	635.00		1,277.00	2,800.00	2,800.00
1	9030580	SKID STEER TRACK LOADER 2000-2399#	501.00		1,267.00	2,584.00	2,584.00
						Rental Subtotal:	TBD
SALES/MISCELLANEOUS ITEMS:							
Qty	Item		Price		Unit of Measure		Extended Amt.
1	ENVIRONMENTAL SERVICE CHARGE	[ENV/MCI]	99.000		EACH		99.00
1	DELIVERY CHARGE		500.000		EACH		500.00
1	PICKUP CHARGE		500.000		EACH		500.00
						Sales/Misc Subtotal:	1,099.00
						Agreement Subtotal:	TBD
						Rental Protection:	15%
							CONTINUED

This proposal may be withdrawn if not accepted within 30 days. The above referenced Rental Protection Plan, environmental, and tax charges are estimates and are subject to change.

NOTICE: This is not a rental agreement. The rental of equipment and any items listed above is subject to availability and subject to the terms and conditions of the Rental and Service Agreement, which are available at <https://www.unitedrentals.com/legal/rental-service-terms-US> and which are incorporated herein by reference. A COPY OF THE RENTAL AND SERVICE AGREEMENT TERMS ARE AVAILABLE IN PAPER FORM UPON REQUEST.

BRANCH 78J
 3120 NORTHWEST 16TH TERRACE
 POMPANO BEACH FL 33064
 954-972-4445
 954-972-4475 FAX

214453962

Job Site GLOBALTECH INC
 6001 BROKEN SOUND PKWY NW
 STE 610
 BOCA RATON FL 33487-2766
Office: 561-997-6433 **Cell:** 444-444-4444

Customer # : 1197447
 Quote Date : 12/28/22
 Estimated Out : 01/03/23 03:00 PM
 Estimated In : 01/31/23 03:00 PM
 UR Job Loc : 6001 BROKEN SOUND PK
 UR Job # : 48
 Customer Job ID:
 P.O. # :
 Requested By : BRUCE RAHMANI
 Written By : JOSEPH BURNS
 Salesperson : JOSEPH BURNS

GLOBALTECH INC
 STE 610
 6001 BROKEN SOUND PKWY NW
 BOCA RATON FL 33487-2766

**This is not an invoice
 Please do not pay from this document**

SALES/MISCELLANEOUS ITEMS:

Qty	Item	Price	Unit of Measure	Extended Amt.
			Tax:	
			Estimated Total:	TBD
COMMENTS/NOTES:				
CONTACT: BRUCE RAHMANI				
CELL#: (954) 882-1169				



QUOTATION
Selected Quote

Billing Inquiries: (305) 599-0022

Sell To:
Globaltech Inc
6001 Broken Sound Pkwy N W
Suite 610

Boca Raton, FL 33487

Page: 1 of 3
Quote Number: 7183027
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ACID LINES					
/07102796454	1 X 3 HALAR X HALAR PIPE	EA	36	4,242.0000	152,712.00
070.395250	1 X 3 HALAR X HALAR 90 ELBOW	EA	26	1,252.6000	32,567.60
070.395251	1 X 3 HALAR X HALAR 45 ELBOW	EA	8	899.3040	7,194.43
BUTT FUSION					
/07102796455	1 X 3 HALAR DOG BONE W END W/TAP	EA	2	1,027.7760	2,055.55
/07102796456	1 X 3 HALAR DOG BONE END TERM	EA	2	924.7560	1,849.51
070.162813	1X3 HalarXHalar DuoPro Dogbone ACCESS TEE W NPT CAP	EA	4	760.0887	3,040.35
/07102796975	1 ULTRA-PRO HALAR STUB DIN	EA	2	41.9484	83.90
2112.010	PPG BACKING FLG RING 1" PP-FRP COATED OVER STEEL INSERT. FOR USE WITH STUB ENDS.	EA	2	34.4460	68.89
3862.005	TEF AV GSK 1/2"	EA	2	25.7424	51.48
/07102796976	1-1/2X1 ULTRA-PRO HALAR CN RED	EA	2	91.5798	183.16
/07102796977	1/2 ULTRA-PRO HALAR STUB DIN	EA	2	34.8582	69.72
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3862.010	TEF AV GSK 1"	EA	2	30.2208	60.44
/07102797108	1X3 HALARXHALAR LOW POINT PP REDUCING BUSHING QTY 6 (FOR	EA	6	3,963.2400	23,779.44
ANTI SCALENT					
3905H010	PVC HIGH-QUALITY PIPE N80 1"	FT	260	1.1221	291.75
3806S010	PVC 90 EL N80 1" S SPEARS	EA	10	1.8486	18.49
3817S010	PVC 45 EL N80 1" S SPEARS	EA	10	3.8701	38.70
3829S010	PVC CPLG N80 1" S SPEARS	EA	15	2.2633	33.95
3905H030	PVC HIGH-QUALITY PIPE N80 3"	EA	260	4.9490	1,286.74
3806S030	PVC 90 EL N80 3" S SPEARS	EA	10	8.4240	84.24
3817S030	PVC 45 EL N80 3" S SPEARS	EA	10	19.3206	193.21
3801S030	PVC TEE N80 3" S SPEARS	EA	2	15.4960	30.99
3829S030	PVC CPLG N80 3" S SPEARS	EA	15	11.2658	168.99
3837S335	PVC BUSH N80 3X1" SPGXS SPEARS	EA	2	12.5814	25.16
3905H005	PVC HIGH-QUALITY PIPE N80 1/2"	EA	260	.5488	142.69
3806S005	PVC 90 EL N80 1/2" S SPEARS	EA	10	.8944	8.94
3817S005	PVC 45 EL N80 1/2" S SPEARS	EA	10	1.6874	16.87
3829S005	PVC CPLG N80 1/2" S SPEARS	EA	15	1.6237	24.36
3837S338	PVC BUSH N80 3X2" SPGXS SPEARS	EA	2	12.5814	25.16
3837S249	PVC BUSH N80 2X1" SPGXS SPEARS	EA	2	4.5656	9.13
3837S130	PVC BUSH N80 1X1/2" SPGXS SPEARS	EA	2	1.5028	3.01



QUOTATION

Billing Inquiries: (305) 599-0022

Sell To:
 Globaltech Inc
 6001 Broken Sound Pkwy N W
 Suite 610
 Boca Raton, FL 33487

Page: 2 of 3
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3617S020	CPVC 45 EL N80 2" S SPEARS	EA	6	10.9330	65.60
3670.020	CPVC PIPE N80 2"	EA	660	6.2622	4,133.05
3629S020	CPVC CPLG N80 2" S SPEARS	EA	30	7.4994	224.98
673.209215	PROCO PIPE PENETRATION SEAL 2" EPDM WITH SS HARDWARE MFG P/N PS300E PERMEATE SAMPLE LINE	EA	2	46.3400	92.68
3905H010	PVC HIGH-QUALITY PIPE N80 1"	FT	200	1.1221	224.42
673.230681	PROCO 10PC PEN SEAL BELT CS/EPDM MFG P/N PS360E	EA	1	131.8498	131.85
3806S010	PVC 90 EL N80 1" S SPEARS	EA	6	1.8486	11.09
3817S010	PVC 45 EL N80 1" S SPEARS	EA	6	3.8701	23.22
3836S010	PVC MALE ADPT N80 1" SXMT SPEARS	EA	2	3.6257	7.25
3829S010	PVC CPLG N80 1" S SPEARS	EA	10	2.2633	22.63
	TEMPORARY ACID LINE				
0317.463	PFA TUBING 5/8" X 3/4" X 100' TSPF35-0750-062.10	EA	500	9.3654	4,682.70
3900.020P	PVC PIPE N40 2" PLAIN END	EA	140	.9128	127.79
3417.020	@ PVC 45 EL N40 2" S	EA	16	1.6182	25.89
3447.020	PVC CAP N40 2" S	EA	4	.7076	2.83
0161.710	PFA MALE UNION ADPT 3/4"X 1"MT IMPL216UAM 1103709	EA	2	56.5686	113.14
0161.705	PFA MALE UNION ADPT 3/4"X 1/2"MT IMPL28UAM 1103708	EA	10	78.0364	780.36
3655S010	CPVC VAN STONE FLG N80 1" SPEARS	EA	1	8.5999	8.60
3655S005	CPVC VAN STONE FLG N80 1/2" SPEA	EA	1	7.7038	7.70
/07102797447	FUSION TECH 5 DAYS	EA	5	2,499.7500	12,498.75
	F.O.B.: SHIPPING POINT FREIGHT PAID BY CUSTOMER ESTIMATED LEAD TIME:TBD				
	THANK YOU FOR THE OPPORTUNITY TO QUOTE ON YOUR REQUIREMENT.				



QUOTATION

Billing Inquiries: (305) 599-0022

Sell To:
 Globaltech Inc
 6001 Broken Sound Pkwy N W
 Suite 610
 Boca Raton, FL 33487

Page: 3 of 3
 Quote Number: 7183027
 Quote Date: 11/07/2023
 Entered By: Pablo Lopez
 Description: PL2|ACID REPAIR JOB|ANGELICA TO
 Account Number: 086619
 Contact Name:
 Contact Phone: (561) 997-6433

Ship To:
 Globaltech Inc
 6001 Broken Sound Pkwy N W
 Suite 610
 Boca Raton, FL 33487

Unless otherwise noted, prices are valid for 7 days. Ship dates subject to inventory availability at the time purchase order is received. All products are non-cancelable/non-returnable unless otherwise agreed upon in writing. All returns are subject to restock charges, and will require an authorization prior to being sent back in original and unused packaging. Additional surcharge(s) may apply and will be applied at the time of shipment. Please note that due to factors with the potential to create cost changes, prices are subject to change without notice. Items will be invoiced at the prices in effect at the time of shipment.
 All sales are subject to the Ryan Herco Flow Solutions Terms and Conditions of Sales and Warranty available at <https://www.rhfs.com/terms-conditions.html>

Note: The following does not include Shipping & Handling, Tax, or other applicable charges.

Product #	Description/Notes	Uom	Qty	Price	Total
	PRICE BASED UPON FULL QTY STANDARD LEAD TIME QUOTED ITEM MAY BE ABLE TO BE EXPEDITED. TO IMPROVE QUALITY & ACCURACY REFERENCE THIS QUOTE NUMBER WHEN ORDERING. THANK YOU. ---- Package Subtotal: 249,497.83				

Subtotal: 249,497.83

#2 Price Increased

Harrington Industrial Plastics LLC

Harrington Industrial Plastics
5251 Powerline Road
Fort Lauderdale FL 33309

Phone: 954-351-0088

Fax: 954-351-0300

Attention: ANGELICA

Company: GLOBALTECH INCORPORATED

To: KABERCROMBIE@HIPCO.COM

From: Kevin A. Abercrombie

Subject: QUOTE 04446727

Memo:

Harrington Industrial Plastics
 5251 Powerline Road
 Fort Lauderdale FL 33309
 954-351-0088
 954-351-0300 Fax

Quotation# 04446727
 Written: KAA
 Quote Date 11/02/23
 Expire Date 11/16/23
 Page 1 OF 6

Quotation

078072
 GLOBALTECH INCORPORATED

 6001 BROKEN SOUND PKWY STE 610
 BOCA RATON, FL 33487

Ship To:
 GLOBALTECH INC
 4722 NW 2ND AVENUE
 SUITE C-103
 BOCA RATON, FL 33431

Job: RFQ# ACID REPAIR WTP3

Contact: ANGELICA Ship Via: BEST WAY POSSIBLE
 Phone#: 561-997-6433 FOB / Delivery ARO: SHIPPING POINT
 Fax: 561-997-5811 Frt-Terms: PREPAID & CHARGE

Product/Description	Quantity	Price	U/M	Extension
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***** ACID LINES *****

8802134 1"x3" PIPE ECTFE SIMULTANEOUS WELD HALAR DUO-PRO 16.4' LGTH	36	4200.00	EA	151,200.00
8805134 1"x3" 90 ELBOW ECTRExECTFE DUO-PRO	26	1240.20	EA	32,245.20
8808134 1"x3" ELBOW 45 ECTFE HALAR DUO-PRO	8	890.40	EA	7,123.20
8834134 1"x3" HALAR DP TRM W/5'TAP	2	1017.60	EA	2,035.20
8833134 1"x3" TERMANATION DOGBONE HALAR	2	915.60	EA	1,831.20
*1101 FTG DUO PRO ASAHI 1"x3" SOLID DOGBONE DUO-PRO HALAR ECTFE	4	624.00	EA	2,496.00
8855134 1"x3" TEE ACCESS ECTFExECTFE W/THD PLUG	6	1080.00	EA	6,480.00
5514010 1" STUB END BF CG HALAR	2	42.60	EA	85.20
5046010 1" BACKING RING PP GREY ANSI-150	2	31.20	EA	62.40

Continued

Harrington Industrial Plastics
 5251 Powerline Road
 Fort Lauderdale FL 33309
 954-351-0088
 954-351-0300 Fax

Quotation# 04446727
 Written: KAA
 Quote Date 11/02/23
 Expire Date 11/16/23
 Page 2 OF 6

Product/Description	Quantity	Price	U/M	Extension
3114010 GASKET 1" AV PTFE/EPDM BONDED	2	16.20	EA	32.40
5510131 1"x3/4" REDUCER EXTD LEG BF CG HALAR	2	55.20	EA	110.40
5510101 3/4"x1/2" REDUCER EXTD LEG BF CG HALAR	2	54.60	EA	109.20
5514005 1/2" STUB END BF CG HALAR	2	35.40	EA	70.80
5046005 1/2" BACKING RING PP GREY ANSI-150	2	25.20	EA	50.40
3114005 GASKET 1/2" AV PTFE/EPDM BONDED	2	13.80	EA	27.60
LO10-2405-50 SWITCH OPTIC PFA 50' CBL LONG NEMA6X 3/4" NPT 150PSI LEAK	6	564.00	EA	3,384.00
F-RB0806 1"x3/4" BUSHING MPTxFPT PTFE SCH80	6	63.14	EA	378.84
*** ANTI-SCALANT LINE ***				
800C-010 1" PIPE P/E CPVC SCH80	260	2.81	FT	730.60
806C-010A 1" 90 ELBOW S CPVC SCH80	10	3.65	EA	36.50
817C-010A 1" 45 ELBOW S CPVC SCH80	10	5.06	EA	50.60
829C-010A 1" COUPLING S CPVC SCH80	15	3.58	EA	53.70
800C-030 3" PIPE P/E CPVC SCH80	260	12.36	FT	3,213.60
806C-030A 3" 90 ELBOW S CPVC SCH80	10	27.69	EA	276.90

Continued

Harrington Industrial Plastics
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 954-351-0300 Fax

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 Quote Date 11/02/23
 Expire Date 11/16/23
 Page 3 OF 6

Product/Description	Quantity	Price	U/M	Extension
817C-030A 3" 45 ELBOW S CPVC SCH80	10	30.02	EA	300.20
801C-030A 3" TEE S CPVC SCH80	2	36.01	EA	72.02
829C-030A 3" COUPLING S CPVC SCH80	15	18.96	EA	284.40
837C-335A 3"x1" BUSHING SPIGXS CPVC SCH80	2	22.63	EA	45.26
800C-005 1/2" PIPE P/E CPVC SCH80	260	1.41	FT	366.60
806C-005A 1/2" 90 ELBOW S CPVC SCH80	10	1.80	EA	18.00
817C-005A 1/2" 45 ELBOW S CPVC SCH80	10	2.20	EA	22.00
829C-005A 1/2" COUPLING S CPVC SCH80	15	1.90	EA	28.50
837C-338A 3"x2" BUSHING SPIGXS CPVC SCH80	2	22.63	EA	45.26
837C-249A 2"x1" BUSHING SPIGXS CPVC SCH80	2	12.20	EA	24.40
837C-130A 1"x1/2" BUSHING SPIGXS CPVC SCH80	2	3.15	EA	6.30
***** CHLORINE LINES *****				
837C-249A 2"x1" BUSHING SPIGXS CPVC SCH80	2	12.20	EA	24.40
806C-020A 2" 90 ELBOW S CPVC SCH80	10	10.62	EA	106.20
817C-020A 2" 45 ELBOW S CPVC SCH80	6	11.43	EA	68.58
800C-020 2" PIPE P/E CPVC SCH80	660	6.56	FT	4,329.60

Continued

Harrington Industrial Plastics
 5251 Powerline Road
 Fort Lauderdale FL 33309
 954-351-0088
 954-351-0300 Fax

Quotation# 04446727
 Written: KAA
 Quote Date 11/02/23
 Expire Date 11/16/23
 Page 4 OF 6

Product/Description	Quantity	Price	U/M	Extension
829C-020A 2" COUPLING S CPVC SCH80	30	7.84	EA	235.20
IL300-S316 MODULAR MECHANICAL SEAL BLK EPDM W/316SS HRDWR INNERLYNX -- TWO SETS OF [6] LINKS EACH FOR 2" SCH80 THRU 4" C.D.H.	12	10.61	EA	127.32
806C-005A 1/2" 90 ELBOW S CPVC SCH80	10	1.80	EA	18.00
817C-005A 1/2" 45 ELBOW S CPVC SCH80	6	2.20	EA	13.20
800C-005 1/2" PIPE P/E CPVC SCH80	460	1.41	FT	648.60
829C-005A 1/2" COUPLING S CPVC SCH80	30	1.90	EA	57.00
DCCT-H005-B020 1/2" IN 2" CENTRALIZER DBL CONT IPS ODXSCH80 PVC ID	120	19.39	EA	2,326.80
131902 1/2"x2" B-TERM S DBL CONT PVC SCH80 GUARDIAN W/TAP	1	116.66	EA	116.66
724QG SOLVENT CEMENT CPVC QT GRY LOW VOC HEAVY BODIED MED SET MC/AC	12	47.99	EA	575.88
P70QC PRIMER QT CLR FOR PVC CPVC LOW VOC MC/AC	12	35.07	EA	420.84
NOTE: FIELD ASSEMBLED DOUBLE CONTAINMENT VOIDS FACTORY WARRANTY				
*** PERMEATE SAMPLE LINE ***				
800-010 1" PIPE P/E PVC SCH80	200	1.10	FT	220.00

Continued

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 954-351-0300 Fax

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 Expire Date 11/16/23
 Page 5 OF 6

Product/Description	Quantity	Price	U/M	Extension
IL300-S316 MODULAR MECHANICAL SEAL BLK EPDM W/316SS HRDWR INNERLYNX -- ONE SET OF [4] LINKS EACH FOR 1" SCH80 THRU C.D.H.	4	10.61	EA	42.44
806-010S 1" 90 ELBOW S GRY PVC SCH80	6	1.99	EA	11.94
817-010S 1" 45 ELBOW S GRY PVC SCH80	6	4.17	EA	25.02
836-010S 1" ADAPTER MPTXS GRY PVC SCH80	2	3.90	EA	7.80
829-010S 1" COUPLING S GRY PVC SCH80	10	2.44	EA	24.40
*** TEMPORARY ACID LINE ***				
PFA1210 3/4"ODx5/8"IDx.063"W TUBING PFA RL	500	9.57	FT	4,785.00
400-020 2" PIPE P/E PVC SCH40	140	1.25	FT	175.00
417-020L 2" 45 ELBOW S PVC SCH40	16	1.75	EA	28.00
447-020L 2" CAP S PVC SCH40	4	0.76	EA	3.04
MC12-16N-3 3/4"x1" CONNECTER FLARExMPT PFA	1	43.26	EA	43.26
MC12-8N-3 3/4"x1/2" CONNECTOR FLARExMPT HP PFA	1	34.98	EA	34.98
854C-010S 1" FLANGE V/S S GRY CPVC SCH80 W/PLAST RING	1	8.60	EA	8.60
854C-005S 1/2" FLANGE V/S S GRY CPVC SCH80 W/PLAST RING	1	7.70	EA	7.70

Continued

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 954-351-0300 Fax

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 Expire Date 11/16/23
 Page 6 OF 6

Product/Description	Quantity	Price	U/M	Extension
*8099 ACCESSORIES MISC ESTIMATED FREIGHT	1	3500.00	EA	3,500.00
*1101 FTG DUO PRO ASAHI ON-SITE TECHNICIAN SERVICE PER DAY PRICE	5	2500.00	EA	12,500.00

Merchandise	Tax	Est.Freight / Handling	Net Quote Total
243,782.34	17,064.75	0.00	260,847.09

Thanks For Thinking Harrington.
 Respectfully Kevin A. Abercrombie
 All Quotations are subject to review upon placement of order.
 Freight/Handling and applicable taxes if not listed above will be added.
 Harrington standard terms and conditions apply to this quote.

#3 No Response


From: [Angelica Torres](#)
To: james.appleton@coreandmain.com
Subject: Acid Repair Job - WTP 3
Date: Friday, November 17, 2023 3:28:00 PM
Attachments: [Acid Repair Job - WTP_3.xlsx](#)
[image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)


Good afternoon,


Could you please provide us with pricing for the attached takeoff?.

Thank you,

Angelica Torres
Project Estimator

 O: (561) 997-6433 | C: (561) 768-8980

 www.globaltechdb.com

 [6001 Broken Sound Parkway NW, Suite 610, Boca Raton, Florida 33487](#)



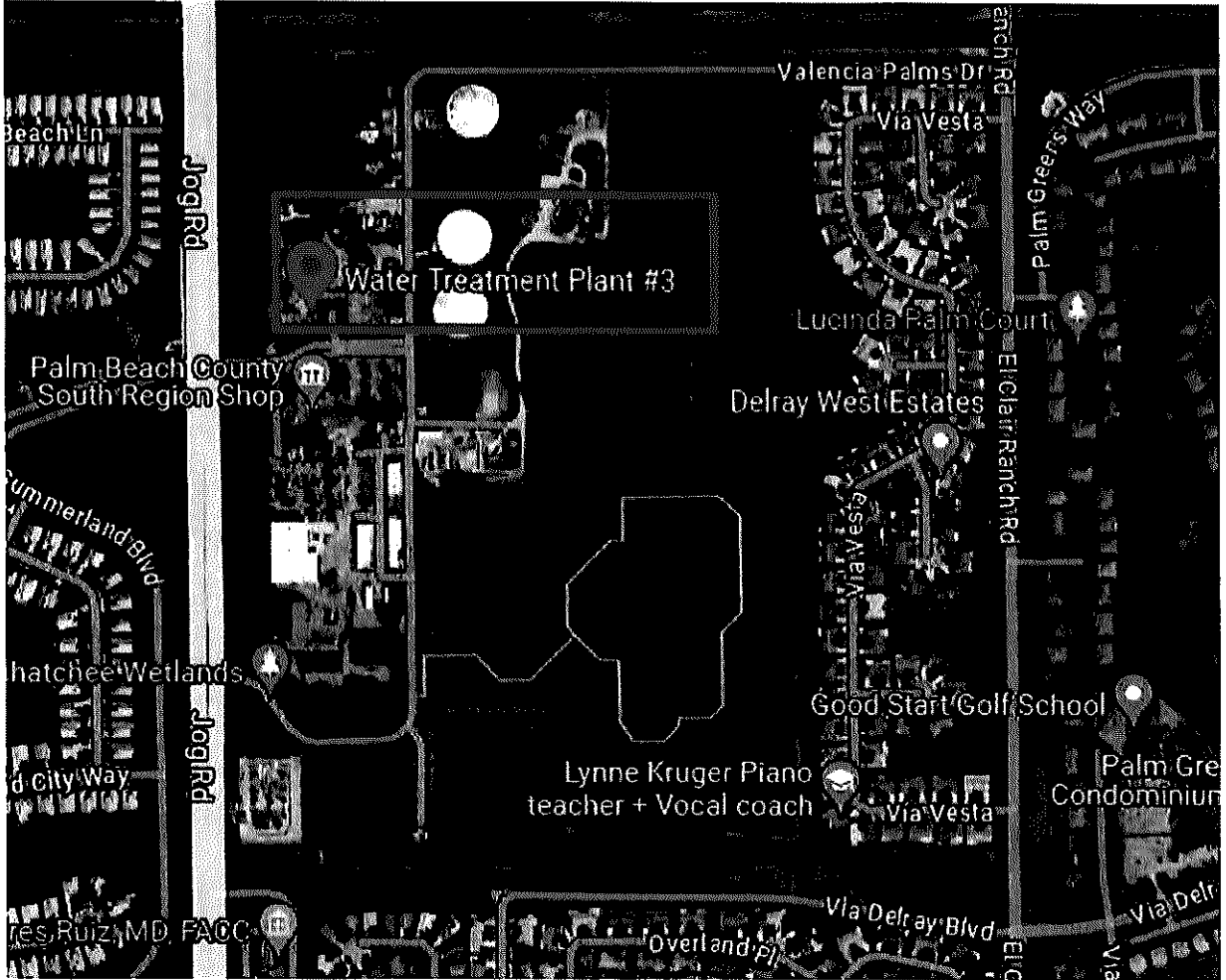
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ATTACHMENT 2

LOCATION MAP

Water Treatment Plant No. 3 Acid Line Replacement

PBCWUD Project No. 24-005



Water Treatment Plant No. 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
DX00001996	Globaltech Inc.	Modified	Compliant					21-072	Optimization and Improvements Design-Build Contract
		Ap , XII	Amerisure Mutual Insurance Company	CA20796541201	11/1/2023	11/1/2024	Auto Liability		
		A++g , XV	Westchester Surplus Lines Insurance Company	I23734813001	5/1/2023	5/1/2024	Builders Risk		
		Ap , XV	The North River Insurance Company	5821222806	11/1/2023	11/1/2024	Excess Liability		
		Ap , XII	Amerisure Mutual Insurance Company	CPP20796571302	11/1/2023	11/1/2024	General Liability		
		A+g , XV	Indian Harbor Insurance Company	PEC004442309	11/1/2023	11/1/2024	Professional Liability		
		Ap , XII	Amerisure Insurance Company	WC20796551201	11/1/2023	11/1/2024	Workers Comp		

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