

WORK AUTHORIZATION 106

NO. GT-150494

Pursuant to the provisions contained in the "Contract for Professional Engineering Consulting and Design-Build Services on a Continuing Contract Basis " between the CORAL SPRINGS IMPROVEMENT DISTRICT, hereinafter referred to as "OWNER", and Globaltech, Inc., hereinafter referred to as "FIRM", dated July 1, 2012 (hereinafter referred to as "AGREEMENT"), this Work Authorization, executed this ____ day of _____ 2015, authorizes the FIRM to provide services under the terms and conditions set forth herein and in the AGREEMENT, which is incorporated herein by reference as though set forth in full.

The OWNER desires engineering design services related to Water Treatment Plant (WTP) Lime Plant Demolition Design, hereinafter referred to as the "Specific Project".

Section 1 – Terms

The FIRM shall be defined as an individual, corporation or contractor having a direct contract with the OWNER or with any other subcontractor in the performance of a part of the work contracted for under the terms of this Work Authorization with the OWNER.

Section 2 – Scope of Work

The FIRM will provide the following services in accordance with the AGREEMENT:

The OWNER has been utilizing their membrane potable water facilities to provide all of their water demands since late 2013. The existing lime plant facilities have not been used in about a year and will not be needed in the future. The OWNER desires to have the lime plant facilities demolished to reduce maintenance costs and to free-up land space at the WTP.

The lime facilities include three (3) steel Accelerator lime softening units, two (2) lime silos/slakers, one (1) set of steel filters, two (2) sets of concrete filters, transfer pumps, two (2) sludge basins, two (2) sludge pits, chemical storage/feed facilities, and associated piping, electrical and instrumentation.

The sludge basins and sludge pits have already been filled in, but depending on planned future use of the area, additional material removal and placement of clean fill may be recommended.

The steel units may have some re-sale value above the scrap value; therefore, overall demolition costs may be lowered if the steel units were to be carefully disassembled for re-sale versus simply demolishing them.

This Work Authorization is for the design of the lime plant demolition and to develop cost estimates for the demolition construction work.

Task 1 – Engineering

FIRM shall perform the following:

1. Meet with the OWNER to discuss scope of project.
2. Perform spot paint testing at up to ten (10) locations to determine whether lead-based paint may be an issue and if it is, how it impacts the demolition procedures and costs.
3. Conduct utility locates and compare the locate information to existing drawings. The locate information will be used to develop the demolition design but it won't be placed on the design drawings. This information may be placed on the final Record Drawings during the construction phase. A full survey with coordinates/elevations of remaining utilities will also be prepared during the construction phase.

4. Conduct site visits and review existing drawings to determine how to demolish the existing lime facilities without negatively impacting other site facilities.
5. Contact FDEP and Broward County regulators to determine permitting requirements.
6. Prepare a Technical Memorandum (TM) reviewing demolition requirements, recommendations and sequencing; potential scrap value and re-sale values for the facilities; permitting requirements, restoration and overall scope of demolition. Copies of the lead-based paint report will also be included in the TM. Submit five (5) copies of the TM.
7. Meet with the OWNER to discuss the TM.
8. Provide design drawings for the demolition of the lime plant. The design shall consist of aerial and equipment photographs with notes, electrical on-line demolition sheet and a details sheet. The submittal shall be five (5) sets of 11" x 17" drawings.
9. Meet with the OWNER to discuss the design.
10. Develop Work Authorization proposal to demolish the lime plant facilities. The WA proposal will include separate cost estimates to demolish the steel components separately from the other demolition/restoration work so the OWNER can split the demolition project into phases.

Assumptions

Assumptions for the project are as follows:

- OWNER shall provide access to the WTP site.

Section 3 – Location

The services to be performed by the FIRM shall be on the following site or sites: Water Treatment Plant

Section 4 – Project Reference

The OWNER desired services to be performed by the FIRM shall be referred to as the Water Treatment Plant (WTP) Lime Plant Demolition Design.

Section 5 – Deliverables

The FIRM will provide the following Deliverables to OWNER:

- Technical Memorandum.
- Design Drawings.

Section 6 - Time of Performance

Project will commence after execution of this Work Authorization and a Notice to Proceed is issued by OWNER. The FIRM and OWNER agree to the following schedule:

Task	Time Elapsed to Subtask Completion
Notice to Proceed (NTP)	0 Days
Technical Memorandum	60 Days following issuance NTP
Design Drawings	90 days after NTP

Section 7 - Method and Amount of Compensation

1. The FIRM shall be paid by the OWNER in accordance with the Florida's Prompt Payment Act Florida Statute 218.70-79 and in accordance with the payment method as set forth in Section 6 of the AGREEMENT. The calculations shall begin using the date the invoice was received.
2. Total job price: **\$24,814.00**. No allowance is included in the proposed fee.
3. The cost for the above scope of services is a Lump Sum (LS). The LS is based on the materials, methods and assumptions presented in e scope of services. The LS shall not be greater than the stated amount unless there is an approved increase in the scope of services.

4. A Budget Summary for the above LS is provided in Attachment A.

Section 8 – Responsibilities

The FIRM shall, under no circumstance, look to the OWNER to provide any labor or equipment for the FIRM. The FIRM shall provide all of the labor and equipment necessary to perform the job or services contracted for at the expense of the FIRM. Property of any kind that may be on the premises, which are the site of the performance of this contract, during the performance of this Work Authorization, shall be at the sole risk of the FIRM.

- 8.1 The OWNER hereby designates Ed Stover as the OWNER's representative.
- 8.2 In addition to applicable provisions of the AGREEMENT, the OWNER will:
 - Provide copies of existing drawings and equipment cut sheets if requested by FIRM
 - Pay for any required permit fees

The FIRM acknowledges and understands that it is an independent contractor in its relationship with the OWNER. The FIRM hereby designates David Schuman as the FIRM's representative.

Section 9 – Insurance

The FIRM shall provide certificate of insurance to the OWNER setting forth the type and amount of insurance carried by the FIRM and conforming to the minimum requirements set forth in the AGREEMENT.

Section 10 – Level of Service

The OWNER shall have the right to terminate said Agreement by giving the FIRM thirty (30) days written notice if the service that is being provided is not maintained at levels necessary to provide the required service. The OWNER will determine in its sole judgment what constitutes a satisfactory level of service.

Section 11 – Indemnification

The Firm shall indemnify and hold harmless the Owner and its officers and employees as set forth in Section 11 of the Agreement.

IN WITNESS WHEREOF, this Work Authorization, consisting of seven (7) pages and Attachment A has been caused fully executed on behalf of the FIRM by its duly authorized officer, and the OWNER has the same to be duly name and in its behalf, effective as of the date herein above written.

(SEAL)

CORAL SPRINGS IMPROVEMENT DISTRICT

ATTEST:

President

Printed name of Witness

Printed name

Printed name of Witness

Date

Approved as to form and legality

Printed name of Witness

District Counsel

Printed name of Witness

State of Florida
County of Palm Beach

ENGINEER

Globaltech Inc.
Company

The foregoing instrument was
acknowledged before me on this

___ day of _____, 2015 by

Signature

who is personally known to me OR
produced _____
as identification.

Troy L. Lyn, Vice President

Name and title (typed or printed)

Signature of Notary

Date

Attachment A
Budget Summary

ATTACHMENT A

Engineering - Lime Plant Demolition Design

Engineering Budget Summary

Task	Task Description	Officer	E6	E4	CADD	Adm 3	Adm 1	Total Labor	Expense/ Subconsul. Fee	Expense/ Subconsul.
		\$210.00	\$175.00	\$150.00	\$85.00	\$75.00	\$50.00			
1	Project Coordination and Review		4			4	4			
	Scoping Meeting w/site visit		8	8						
	Subtotal Task 1	0	12	8	0	4	4	\$ 3,800.00		
2	Engineering - Design									
	Utility Location Services		6						\$ 1,700.00	
	Lead Based Paint Evaluation			2					\$ 500.00	
	Determine scrap/re-sale options		4	4						
	Site Visits with subcontractors		6	6						
	Prepare TM		12	6			2			
	Review Meeting		4							
	Drawings		16	14	30		2			
	Cost Estimate		4	8						
	Review Meeting		4							
	Subtotal Task 2	0	56	40	30	0	4	\$ 18,550.00		
	Labor Subtotal Hours	0	68	48	30	4	8			
	Labor Subtotal	\$0	\$11,900	\$7,200	\$2,550	\$300	\$400	\$22,350		
	Labor Total							\$ 22,350.00		
	Subconsultant Labor Total								\$ 2,200.00	
	Subconsultant Multiplier								1.12	
	Subcontract Total								\$ 2,464.00	
	PROJECT TOTAL								\$ 24,814.00	