

City of Key West  
Mr. Ian McDowell  
Key West, FL 33040

January 29, 2025

RE: Richard A. Heyman PCF  
RFQ – Ductile Iron Pipe Lining – Pump Influent

Mr. McDowell:

Reynolds Construction is appreciative of the opportunity to review and assist the City of Key West (CKW) with the lining and restoration of existing pump RAS influent piping.

The existing piping below the is below slab and below the building structure is visibly compromised. The piping, which has been examined visible at the area exposed, is represented in the attached document. Reynolds has attempted to examine additional piping, however based on the extensive buildup on the pipe, the ability to examine the pipe that is located below the structure was unable to be accomplished without significant additional costs. It has been assumed by some inspecting parties that the pipe may be in a similar condition throughout the length of the pipe.

Upon thorough field inspections with input / review with the City of Key West and with Jacobs Engineering (JE) personnel, we have identified two (2) scopes of work to address the pitting and corrosion that is shown in the following documents. The initial scope of work appears to be of heightened concern. The below options detail the scope of work identified, with the first option seemingly being more urgent in efforts to avoid a potential pipe failure.

Reynolds proposes to perform the scope of work as follows:

**Option #1:**

- Pump #1 and #2 influent piping buildup cleaning and CIP lining.

Reynolds proposes to clean and CIP line approximately 200' of piping (pump #1 & #2).

- **\$51,310.52** (fifty-one thousand three hundred ten dollars and fifty-two cents)
  - o \$256.55 per additional foot at the assumed 200 LF.
    - The pricing shall not be less than the quoted amount.
    - Price per foot is heightened due to short run and mobilization of equipment.
    - Pricing shall be per LF if the length is greater than 200 LF.

**Option #2:**

- The addition of the influent pump at #3 and #4, please add the following proposed cost which accounts for the removal/replacement of piping and accessibility to the pipeline. It is assumed that the piping is also approximately 200 LF.

- **\$58,777.34** (fifty-eight thousand seven hundred seventy-seven dollars and thirty-four cents) The pricing shall not be less than the quoted amount.
  - o \$256.55 per additional foot at the assumed 200 LF.
    - Pricing is based on additional mobilization.
    - Pricing shall be per LF if the length is greater than 200 LF.

Reynolds scope of work is as follows:

- Removal of buildup and scaling of debris.
- Support, assistance and management of CIP placement by a qualified/licensed subcontractor.

Not Included:

- Dewatering or facility maintenance to allow for pipe cleaning and CIP placement.
- Pipe plugs, line-stops or other temporary flow controls. Reynolds shall assist plant operations as needed. The shutdown is anticipated to be as per the timeline below.

Timeline of Completion:

- Option #1: Mobilization is anticipated to occur on or before January 10<sup>th</sup>. Work is anticipated to take five (5) business days.
- Option #2: Mobilization is anticipated to occur a short time following Phase II of the current ongoing removal/replacement is completed and the necessary dewatering by plant operations may occur. Work is anticipated to take five (5) business days.

Please provide direction on how Reynolds shall proceed as time is of consideration for the procurement of the referenced work and mobilization may be scheduled. Reynolds shall update CKW once timeline is established.

Respectfully Provided:

Reynolds Construction, LLC



Joshua R. Vondersaar

**Reynolds Construction**6103 Gulf of Mexico Blvd.  
Marathon, FL 33050

## CHANGE PROPOSAL

SUMMARY NO:  
**Influent Pipe Lining**

PROJECT NAME	Key West RAS WAS Pump System Replacement	PROJ. NO.:
LOCATION:	Key West, Florida	DATE: 01/29/25
OWNER:	City of Key West	DRAWING NO.:
ENGINEER:		SPEC. SECTION:

REFERENCE PCO NO.: N/A FIELD DIRECTIVE NO.: N/A RFI NO.: N/A OTHER: N/A**DESCRIPTION:****Influent Pipe Lining**

This proposal includes all labor, materials &amp; equipment the relining of the influent pipe.

The lining is priced per individual line based on the scope of work respective to each line.

Option #1 is based on the lining of the current feed line that is open and visible. Pumps #1 and #2.

Option #2 is based on the lining of pump #3 &amp; #4 (as open) and then the shut down (at a later date) of pumps #1 and #2, the removal of the piping and subsequent lining post Jacob's

Reynolds is not responsible for draining, plugging, blocking or similar.

This proposal includes all labor, materials &amp; equipment the relining of the influent pipe.

**PRICING INFORMATION**

		SKILL/TRADE	MAN-HOURS	RATE	COST
1. DIRECT LABOR	1.A PRODUCT LABOR:	See backup sheet for breakdown	80		\$ 8,208.32
	1.B <input type="checkbox"/> FOREMAN <input type="checkbox"/> SUPERINTENDENT	Safety	0	\$ 108.00	\$ -
		QA/QC	0	\$ 97.00	\$ -
	1.C OFFICE ENGINEERING:	Superintendent		\$ 145.00	\$ -
		Project Engineer	4	\$ 128.00	\$ 512.00
		Project Manager	8	\$ 145.00	\$ 1,160.00
		Labor Burden (included in Rates)			-
	1.D BURDEN				\$ 9,880.32

		DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST
2. MATERIALS AND EQUIPMENT	2.A INCORPORATED IN WORK:	See Detail Break Down	1	LS	\$ 800.00	\$ 800.00
						\$ -
						\$ -
	2.B CONSUMED IN PERFORMANCE:	Small Tools and Expendables (10% of field labor)				\$ 820.83
		- (STC pending task)				
	2.C EQUIPMENT:	See Backup Sheet	1	LS	\$ -	\$ -
		Fuel and Service 20% of Equip Cost	1	LS	\$ -	\$ -
	2.D DIRECT COSTS:					\$ 1,620.83
						\$ 181.56
						\$ 1,802.39
	2.E SALES TAX: 7.5%					

3. SUBCONTRACTORS	NAME	DESCRIPTION OF WORK	COST
3.A DIRECT:	See Detail Sheet		\$ 35,000.00
3.B LOWER TIER:			
			\$ 35,000.00



## Miami Trenchless Pipelining

LIC: CGC1530026

14280 SW 142 St Unit 207. Miami, FL 33186

786-558-0000

<https://Miamipiperepair.com>

ESTIMATE

EST1183

DATE

01/28/2025

TOTAL

USD \$35,000.00

TO

### Reynolds Construction

Key west

☎ +1 (317) 832-5987

Joshua.Vondersaar@reynoldscon.com

DESCRIPTION	RATE	QTY	AMOUNT
Trenchless pipelining with approved Florida building code ATSM products of an estimated 200 linear feet of 18 inch line. It entails descaling the lines first (removing the rust) then hydrojetting all the debri that gets created. After clearing out the line we will video it again and make sure it's up to par. Finally to be relined with CIPP liner.	\$175.00	200	\$35,000.00
PRICE IS INCLUSIVE OF MOBILIZATION OF EQUIPMENT AND TEAM (estimated 3 days)	\$0.00	1	\$0.00
TOTAL			USD \$35,000.00

Contract Time Extension Costs		Days Requested	Daily Rate	COST
	Contractor Extension Costs	0	0	\$ -
	Subcontractor Extension Costs	0	0	\$ -
*(daily rate is subject to change per actual OH items)				Total Time Extension Costs \$ -
<b>EXTENSION OF CONTRACT TIME:</b>				
<b>CONFIRMED</b>	This Proposal does not include any \$ for extension or acceleration but the right to ask for these costs at a later date is expressly reserved if determined to be necessary.			
<b>CONFIRMED</b>	Extension cost is included in this proposal, although rights are reserved should conditions change.			
N/A	Acceleration cost to maintain project schedule are included in this proposal. *			
<b>5. FEE STRUCTURE</b>				
	Rate	COST	Overhead & Profit	SUBTOTAL
<b>A. Contractor</b>				
1. Direct Labor:		\$ 9,880.32	15%	\$ 11,362.37
2. Material & Equipment:		\$ 1,802.39	15%	\$ 2,072.75
3. Subcontractors:		\$ 35,000.00	5%	\$ 36,750.00
4. Bond & Insurance:	1.95%	\$ 978.61	15%	\$ 1,125.40
TOTAL COST OF THIS CHANGE PROPOSAL (All deductions shown in parentheses):			<b>TOTAL</b>	<b>\$ 51,310.52</b>
<b>RECORD DOCUMENTS:</b> As part of this Change Proposal, the Contractor shall provide applicable record drawing information affected by this change.				
Signed: Josh Vondersaar				
Title: Project Manager			Date: 01/29/25	
Contractor: Reynolds Construction, LLC				
<b>ACCEPTANCE BY OWNER</b>				
Signature of Owner's Authorized Representative: _____ Date: _____				
_____. Engineer to prepare necessary change order _____ Engineer to Re-negotiate change proposal as noted above _____ Other as above				
OWNER:		CONTRACTOR: Reynolds Construction		PROJECT
ENGINEER:		FIELD:		NO.:
		OTHER:		DATE: