

**CITY OF ATLANTIC BEACH  
CITY COMMISSION MEETING  
STAFF REPORT**

**AGENDA ITEM:** Resolution No. 26-55 authorizing funding for the change order for the Public Utilities Project PU2325 WWTP Chlorination-Dechlorination Upgrades

**SUBMITTED BY:** Troy Stephens, Public Utilities Director

**DATE:** March 24, 2026

**MEETING DATE:** April 13, 2026

**BACKGROUND:** The Public Utilities Department requests approval for Change Order No. 1 for the Wastewater Treatment Plant (WWTP) Chlorination-Dechlorination Upgrades Project. Prior to demolition, the contractor identified conditions requiring the relocation of electrical connections not indicated in the original design. Additionally, the department recommends a substitute for the originally specified chemical feed pumps due to documented manufacturer and reliability concerns with the initial brand.

The original contract was awarded for \$1,290,000.00. This change order totals \$61,288.42, bringing the revised contract amount to \$1,351,288.42. Funding for this increase is available through the reallocation of surplus funds from Project PU2210 (Digester Catwalk Replacement), which currently holds an unused balance of \$127,907.00.

**BUDGET:** Reallocating \$61,288.42 from the Public Utilities Project PU2210 brings the total project amount to \$ 1,351,288.42.

**RECOMMENDATION:** Adopt Resolution No. 26-55.

**COMMUNITY OUTREACH:** NA

**ATTACHMENTS:** Resolution No. 26-55  
Change Order from PBM Constructors, Inc.

**REVIEWED BY CITY MANAGER:** \_\_\_\_\_



**RESOLUTION NO. 26-55**

**A RESOLUTION OF THE CITY OF ATLANTIC BEACH, FLORIDA, AUTHORIZING A CHANGE ORDER FOR THE PUBLIC UTILITIES WASTEWATER TREATMENT CHLORINATION-DECHLORINATION UPGRADES PROJECT; AUTHORIZING THE CITY MANAGER TO EXECUTE THE CONTRACTS AND PURCHASE ORDERS IN ACCORDANCE WITH AND AS NECESSARY TO EFFECTUATE THE PROVISIONS OF THIS RESOLUTION; AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, on July 14, 2025, the City Commission awarded Bid No. 2425-03 Public Utilities Wastewater Treatment Plant Chlorination-Dechlorination Upgrades to PBM Constructors, Inc.; and

**WHEREAS**, the contractor submitted an original bid of \$1,290,000; and

**WHEREAS**, due to the discovery of old electrical feed lines, electrical connections must now be relocated; and

**WHEREAS**, due to reliability and manufacturer issues, the chemical feed pumps that were originally slated to be installed must be replaced with a different brand of pumps; and

**WHEREAS**, the City desires to execute a change order for the project in the amount of \$61,288.42; and

**WHEREAS**, the City desires to reallocate \$61,288.42 budgeted in FY 2022-23 (Project No. PU2210) to fund the change order.

**NOW THEREFORE**, be it resolved by the City Commission of the City of Atlantic Beach as follows:

**SECTION 1.** The City Commission hereby authorizes funding the change order for the Public Utilities Project PU2325 from PU2210 (\$61,288.42) and

**SECTION 2.** The City Commission hereby authorizes the City Manager to execute the change orders with PBM Constructors, Inc. and approve a purchase order to said vendor in the amount of \$61,288.42.

**SECTION 3.** This Resolution shall take effect immediately upon its passage and adoption.

**PASSED AND ADOPTED** by the City of Atlantic Beach, this 13<sup>th</sup> day of April, 2026.

\_\_\_\_\_  
Curtis Ford, Mayor

Attest:

\_\_\_\_\_  
Donna L. Bartle, City Clerk

Approved as to form and correctness:

\_\_\_\_\_  
Jason Gabriel, City Attorney

Resolution 26-55

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Wastewater Treatment Facility Chlorination/Dechlorination Upgrades/Improvements  
City of Atlantic Beach, FL  
Bid No. 2425-03

CHANGE ORDER NUMBER 1

Contractor: PBM Constructors, Inc  
PO Box 11089  
Jacksonville, FL 32239  
904-751-7500  
Fax 904-751-0600

Owner: City of Atlantic Beach  
800 Seminole Road  
Atlantic Beach, FL  
(904) 247-5800

Engineer: J. Collins Engineering Associates, LLC  
12412 San Jose Blvd., Suite 204  
Jacksonville, Florida 32223  
(904) 262-4121

Date: March 23, 2026

ITEM		Total Cost/Price	INCREASE OR DECREASE IN CONTRACT PRICE
1	Existing out of service old blower building scheduled for demolition requires power isolation & electrical demolition prior to removal. Location of new chlorination/dechlorination building to be located in place of the old blower building. Demolition of old building requires refeeding of existing facility loads that are currently powered from this building. Existing loads for repowering: 480V, 3 phase pond aeration system, & three 120/240V, single phase loads. Existing loads/equipment will be repowered from adjacent newer blower building. Work includes both demolition of old and construction of new conductors & conduits. (Two subcontractor quotes received - lowest cost selected).	\$ 45,000.00	
2	Upgrade of Chemical Feed Pumps	\$ 12,792.00	
SUBTOTAL		\$ 57,792.00	
	Contractor Markup (5%) for subcontractor management & processing	\$ 2,889.60	
	Contractor Performance & Payment Bond (1%)	\$ 606.82	
TOTAL		\$ 61,288.42	
ORIGINAL CONTRACT PRICE			\$1,290,000.00
CHANGE ORDER #1			\$ 61,288.42
TOTAL CONTRACT AMOUNT			\$1,351,288.42
NET INCREASE RESULTING FROM THIS CHANGE ORDER			\$ 61,288.42
CURRENT CONTRACT PRICE INCLUDING THIS CHANGE ORDER			\$1,351,288.42
This document shall become an amendment to the contract and all provisions of the contract will apply hereto.			

Accepted by: \_\_\_\_\_  
Contractor

Date: \_\_\_\_\_

Accepted by: \_\_\_\_\_  
Engineer

Date: \_\_\_\_\_

Accepted by: \_\_\_\_\_  
Owner

Date: \_\_\_\_\_



1  
Change Order #1 Old Blower Bldg Power Isolation & Pump Swap  
3/17/2026  
**WWTP Chlorination-Dechlorination Upgrades**

COAB Contract No: 2425-03  
PBM Project No: C402  
Submitted By: Justin Grey, PM

DESCRIPTION OF CHANGES	
*Cost proposal for additional electrical services required to isolate power from the old blower building and make ready for demolition	
*Cost proposal to install (6) Grundfos pumps in lieu of Blue White pumps	
CONTRACT SUMMARY	
DESCRIPTION	CHANGE IN CONTRACT PRICE
<b>ADDITIONAL CONTRACT TIME</b>	
ORIGINAL CONTRACT VALUE (CONTRACT SUM)	\$ 1,290,000.00
NET CHANGE BY PREVIOUSLY AUTHORIZED CHANGE ORDERS	\$ -
CONTRACT SUM PRIOR TO THIS CHANGE ORDER	\$ 1,290,000.00
CONTRACT SUM TO BE INCREASED IN THE AMOUNT OF	\$ 61,288.42
CONTRACT SUM TO BE DECREASED IN THE AMOUNT OF	\$ -
REVISED CONTRACT SUM INCLUDING THIS CHANGE ORDER	\$ <b>1,351,288.42</b>
ORIGINAL CONTRACT DAYS	365
NET CHANGE BY PREVIOUSLY AUTHORIZED CHANGE ORDERS	0
CONTRACT DAYS PRIOR TO THIS CHANGE ORDER	365
<b>PROPOSED ADDITIONAL CONTRACT DAYS</b>	<b>30</b>
REVISED CONTRACT DAYS INCLUDING THIS CHANGE ORDER	<b>395</b>
ORIGINAL FINAL COMPLETION DATE	TBD
<b>NEW FINAL COMPLETION DATE</b>	<b>TBD</b>

ACCEPTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
PBM

ACCEPTED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
OWNER

- 1) Please note that this change order must be executed by both parties prior to work commencing
- 2) Anything not specifically included is excluded or subject to clarification/negotiation.

<sup>1</sup>  
**PBM Constructors, Inc.**  
**Change Order # (X) - Old Blower Bldg Power Isolation & Pump Swap**

3/17/2026

COJB Bid No: 2425-03  
 PBM Project No: C402  
 Submitted By: Justin Grey, PM

A. Labor								
ITEM NO.	DESCRIPTION	HOURLY RATE	OVERTIME RATE	HOLIDAY RATE	NORMAL HOURS	OVERTIME HOURS	HOLIDAY HOURS	TOTAL
a.	Project Manager	\$ 50.00	\$ 75.00	\$ 75.00	0			\$ -
b.	CADD Operator	\$ 105.00	\$ 157.50	\$ 157.50	0			\$ -
c.	Foreman	\$ 90.00	\$ 135.00	\$ 135.00	0			\$ -
d.	Equipment Operator	\$ 70.00	\$ 105.00	\$ 105.00	0			\$ -
e.	Truck Driver	\$ 90.00	\$ 135.00	\$ 135.00	0			\$ -
f.	Field Welder	\$ 80.00	\$ 120.00	\$ 120.00	0			\$ -
g.	Pipe Layer	\$ 70.00	\$ 105.00	\$ 105.00	0			\$ -
h.	Skilled Laborer	\$ 60.00	\$ 90.00	\$ 90.00	0			\$ -
i.	Unskilled Laborer	\$ 40.00	\$ 60.00	\$ 60.00	0			\$ -
B. Equipment								
ITEM NO.	DESCRIPTION	HOURLY RATE	OVERTIME RATE	HOLIDAY RATE	NORMAL HOURS	OVERTIME HOURS	HOLIDAY HOURS	TOTAL
a.	Backhoe	\$ 35.00	\$ 35.00	\$ 35.00	0			\$ -
b.	Excavator	\$ 100.00	\$ 100.00	\$ 100.00	0			\$ -
c.	Small Loader/Skid Steer Loader	\$ 60.00	\$ 60.00	\$ 60.00	0			\$ -
d.	Boom Truck	\$ 125.00	\$ 125.00	\$ 125.00	0			\$ -
f.	Dump Truck	\$ 85.00	\$ 85.00	\$ 85.00	0			\$ -
g.	Small Equipment/Tools	\$ 25.00	\$ 25.00	\$ 25.00	0			\$ -
								<b>Total:</b> \$ -
								<b>Total:</b> \$ 60,681.60
								<b>Total:</b> \$ -
								<b>Total:</b> \$ -
G. Mobilization								
ITEM NO.	DESCRIPTION				NUMBER OF MOBILIZATIONS		COST PER MOBILIZATION	TOTAL
a.	Regular Mobilization (~ 4-6 weeks)						\$ 1,000.00	\$ -
b.	Emergency Mobilization (< 1 week)						\$ 2,000.00	\$ -
<b>Sub-total</b>								<b>\$ 60,681.60</b>
H. Bond								
a.	Contract Performance and Payment Bond Cost Not to Exceed 2%	1.0%						\$ 606.82
<b>Total</b>								<b>\$ 61,288.42</b>



**ESTIMATE**

**Freedom Electrical Contracting, Inc.**  
1093 Autumn Pines Dr  
Orange Park, FL 32065

tyler@freedomec.com  
+1 (904) 761-4930  
ER# 13015911



**Freedom Electrical Contracting, Inc.**

**Bill to**

City Of Atlantic Beach  
City Of Atlantic Beach WWTP  
1200 Sandpiper LN  
Atlantic Beach, FL 32233 USA

**Estimate details**

Estimate no.: AB WWTP  
Estimate date: 02/19/2026

#	Product or service	Description	Qty	Rate	Amount
1.	<b>FEC Package</b>	FEC package for equipment and electrical services - CoAB WWTP Hypochlorite Conversion Project - Change Order No. 1 - Old Blower Bldg Power Isolation and Demolition ( price not to exceed \$45,000 based on what has currently been seen on site, if there are major issues or problems that arise, they can be discussed immediately ).	1	\$45,000.00	\$45,000.00
2.	<b>electrical material</b>	PVC conduit, THHN wiring, Polaris taps, hardware, straps, unistrut, etc.	1	\$0.00	\$0.00
3.	<b>electrical material</b>	Eaton 70 amp breaker / bucket to re feed pond aeration system.	1	\$0.00	\$0.00
4.	<b>electrical material</b>	electrical quazite handholes where needed for transitions and wire pulls in the ground,	1	\$0.00	\$0.00
5.	<b>Scope of work / Labor</b>	Based on site visit, re feed sampler and flow transmitter at headworks with 120VAC circuit from panel L5A. Find 70 amp circuit to pond aeration where it leaves the building, ideally intercept the feed and relocate it to MCC 3 with the new 70 amp bucket and re pull new wire where needed. Find the 240V circuit that feeds the pole lights on site now, intercept that circuit and tie into new circuit from panel L5A. Investigate if the unknown circuit is providing 120VAC to an item in use, if it is	1	\$0.00	\$0.00

then it will need to be identified and addressed at that time.

6. **Scope of work / Labor**

FEC to handle all excavation, site work, trenching, and outages that would be needed and coordinate with AB WWTP personnel.

1

\$0.00

\$0.00

Scope of work has been seen and discussed with Frank Wells and PBM, but most of the scope is considered to be exploratory to find the exact path and location of each feed.

7. **Exclusions**

Any asphalt.

1

\$0.00

\$0.00

Any saw cut will be replaced with cold patch, and small areas of concrete that may need to be cut or disturbed will be repoured as.

**Total**

**\$45,000.00**

**Note to customer**

Attn: Troy  
Reference: Electrical change orders

**Accepted date**

**Accepted by**

# Proposal



## McKendree's Plumbing & Heating, Inc.

Cliff Mckendree III, Licensed Master Plumber, Owner  
Clayton L. McKendree, Owner  
4248 Lenox Avenue, Jacksonville, FL 32205  
(904) 387-5156 Fax (904) 389-2561



PAGE 1 OF		PROPOSAL NUMBER	
		<b>2901.TM</b>	
PROPOSAL SUBMITTED TO PBM Constructors Inc. Attn: Justin Grey & Ben Moore		PHONE	DATE Dec 17, 2025
STREET ADDRESS 3000 Faye Road		JOB NAME Grundfos Pumps	
CITY, STATE, ZIP CODE Jacksonville, FL 32226		JOB LOCATION City of Atlantic Bch WTP 2	
ARCHITECT	DATE OF PLANS	JOB PHONE	JOB FAX

We hereby submit specifications and estimates for:

Change Order to install (6) Grundfos pumps in lieu of Blue White pumps.

DDA 200-4 AR-PVC/V/C-F-31A7A786

Part Number: 99159483

Voltage: 100-240 V, 1 PH, 50/60 HZ

Suction/Discharge: 3/4" MNPT

Gaskets: Viton

Control Variant: Standard Manual w/External Pulse, Analog (4-20mA) Signal, Alarm Relays

- (1) extra replacement diaphragm kit per pump
- (6) Kit control cable 16 ft. - Input analog 4-20mA external stop
- (6) Kit control cable 16 ft. - Output analog 4-20mA
- (6) Kit control cable 16 ft. - Output for Relay 1 & Relay 2

**We Propose:** hereby to furnish material and labor - complete in accordance with the above specifications, for the sum of:

Twelve Thousand Seven Hundred Ninety Two Dollars\*\*\*\*\* dollars (           \$12,792.00           ),

Payment to be made as follows:

As Billed                      Net 30

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workman's Compensation Insurance. You agree to pay any reasonable attorney fees in which we incur in collection from you any sums due pertaining to this proposal.

Authorized Signature   
Tyler McKendree  
Project Manager

Note: This proposal may be Withdrawn by us if not accepted within 5 days.

**Acceptance of Proposal** The above prices, specifications and conditions are satisfactory and are hereby accepted. You are Authorized to do the work as specified. Payment will be made as outlined above.

Signature \_\_\_\_\_

Date of Acceptance: \_\_\_\_\_ Signature \_\_\_\_\_

**Change Order Request**



C.O.R. #: CDD1743-001  
Date: March 16, 2025

**Project Name: COAB WWTP Chlorination / Dichlorination Upgrades**  
**Change Order Name: MCC-1 DEMO**

**Project #: CDD1743**

**To: PBM Constructors**  
**Attn: Ben Moore**  
3000 Faye Rd.  
Jacksonville, FL 32226

**From: Austin Helmers**  
**Address: 3300 Faye Road**  
Jacksonville, FL 32226

**Phone: (770) 639-8818**

**Fax:**

**Phone: (904) 358-7344**

**Fax:**

**Our Price Includes:**

**Isolation of power from the old Blower Building MCC-1 to make building ready for demolition.**

Scope of Work to include the following:

1. Remove existing feed to the existing Pond Aeration Pump System and isolate from MCC-1  
Repower the existing Pond Aeration Pump System from MCC-3 with new Eaton 70 Amp Breaker  
Research best suitable means to intercept the existing raceways to repower the existing system  
New Conduit and wire as required
- 2.a. Research feed to Sampler and Flow Transmitter.  
Refeed the Sampler and Flow Transmitter from the Centrifuge Bldg. Panel L5A  
New Breaker  
New Conduit and wire as required
- b. Research feed for the Pole Lights  
Refeed the Pole Lights from the Centrifuge Bldg. Panel L5A  
New Breaker  
New Conduit and wire as required
- c. Research "Unknown" load  
If determined the load is still active, refeed the load from the new Chemical Building Panel PNL-CH  
or another suitable means
3. Demo MCC-1 and existing MCC-1 feeder circuit conductors back to their source. Demo includes  
all conductors and junction boxes (no ductbanks). Source breaker in Switchgear shall be tagged as SPARE.
4. Research MCC-1 control circuits C001 and S001.  
If active, refeed these circuits with best suitable means  
If inactive, demolish existing conduits and conductors back to the termination locations

**Change Order Price: \$54,441.78**

We are requesting a time extension of **0 DAYS** in conjunction with this change order.  
This price is good for 30 days. If conditions change, this price is void.

Austin Helmers  
Author

March 16, 2025  
Date Sent

Accepted The above pricing and specifications of this Change Order are satisfactory and are hereby accepted.  
All work to be performed under the same terms and conditions as specified in original contract unless  
otherwise specified.

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date of Acceptance



C.O.R. #: CDD1743-001  
Date: 3/16/2026  
Project #: CDD1743

**Labor**

Labor Type	Man Hrs	\$/Hr	Total Tax	Total Labor
Survey Layout	0.00	\$140.00		\$0.00
Electrician Foreman	80.00	\$119.89		\$9,591.20
Journeyman Electrician	80.00	\$84.58		\$6,766.40
Apprentice Electrician	80.00	\$44.08		\$3,526.40
	0.00			
			Sub Total	\$0.00
			Grand Total	\$19,884.00

**Materials**

Materials	Quantity	Cost	Tax	Total Tax	Total Materials
Lot Material	1.00	\$9,416.24	7.50%	\$706.22	\$10,122.46
Jaxson Gear / Equipment Quote	1.00	\$14,580.00	7.50%	\$1,093.50	\$15,673.50
	0.00	\$0.00	7.50%	\$0.00	\$0.00
	0.00	\$0.00	7.00%	\$0.00	\$0.00
			Sub Total	\$1,799.72	\$25,795.96
			Grand Total	\$1,799.72	\$25,795.96

**Equipment**

Equipment	Quantity	Cost	Tax	Total Tax	Total Materials
Excavator	1.00	\$0.00	7.50%	\$0.00	\$0.00
	0.00	\$0.00	7.50%	\$0.00	\$0.00
	0.00	\$0.00	7.50%	\$0.00	\$0.00
	0.00	\$0.00	7.50%	\$0.00	\$0.00
			Sub Total	\$0.00	\$0.00
			Grand Total	\$0.00	\$0.00

**Expenses**

Expenses	Quantity	Cost	Tax	Total Tax	Total Materials
Truck & Small Tool	160.00	\$25.00	0.00%	\$0.00	\$4,000.00
	0.00	\$0.00	0.00%	\$0.00	\$0.00
			Sub Total	\$0.00	\$4,000.00
			Grand Total	\$0.00	\$4,000.00

**Subcontractors**

Subcontractors	Quantity	Cost	Tax	Total Tax	Total Materials
	1.00	\$0.00	0.00%	\$0.00	\$0.00
	0.00	\$0.00	0.00%	\$0.00	\$0.00
			Sub Total	\$0.00	\$0.00
			Grand Total	\$0.00	\$0.00

<b>Total:</b>		\$49,679.96
<b>Overhead/ Profit :</b>	8.50%	\$4,222.80
<b>Bond:</b>	1%	\$539.03
<b>Subcontractor:</b>		\$0.00
<b>Markup Subcontractor:</b>	8.50%	\$0.00
<b>Total:</b>		\$54,441.78