February 13, 2026
150004-014

VIA EMAIL bboutwell@centuryflorida.us

Honorable Benjamin Boutwell
Mayor
Town of Century
7995 North Century Boulevard
Century, FL 32535

RE: Century Misc Wastewater System Improvements – Phase II – WWTP – Change Order No. 5

Dear Mayor Boutwell:

Please find attached Change Order Request No. 5 from Talcon Group, LLC. This Change Order, in the amount of $57,500.00, is for the addition of a new control panel to operate one of the two blowers at the Wastewater Treatment Plant. As you will recall from my email to you of December 5, 2025 (attached), at least one blower needs to operate at the plant at all times. During the installation of the automatic transfer switch (ATS), power to the plant will be down for a prolonged period of time while the ATS is being installed. The Contractor estimates it will take them 12-18 hours to complete the work. During that time period one of the blowers will need to operate on emergency power, via an emergency generator. In order to reduce the size of the generator required and bring the blower controls into code compliance, we recommend that a new control panel be installed adjacent to the blowers.

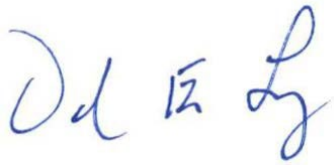
This change Order request is intended to provide this panel and solve several concerns. First, it will move the electrical control of the blower outside of the motor control center and out of the way of the contractor while they are installing the ATS. Second, it will allow for the contractor to install a reduced voltage (soft) starter which will lower the starting power demands for the blower, comply with current code, and allow for a smaller generator to be used to run the blower. We believe that the Town will be able to borrow the required generator from Florida Rural Water at no cost. Lastly, the new panel will allow for a generator receptacle to be installed which will make generator connection to the panel much easier and safer both now and in the future.

We have attached the request and cost breakdown from the Contractor. We have reviewed their request and find it to be in order. To that end, we recommend approval by the Council to allow you to execute the Change Order. We will be available at the next Council Meeting to answer any Council questions regarding this matter.

In the interim, please review the Change Order for yourself and should you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

MUNICIPAL ENGINEERING SERVICES, INC.



Dale E. Long, P.E., LEED AP
Senior Project Engineer

/DEL

Attachments

CONTRACT CHANGE ORDER

ORDER NO.	5
DATE	February 12, 2026
STATE	Florida
COUNTY	Escambia

CONTRACT FOR:	Miscellaneous Wastewater System Improvements - Phase II - (WWTP Improvements)
PROJECT NO.:	150004-014
OWNER:	Town of Century
TO CONTRACTOR:	Talcon Group, LLC
	156 Dupont Road
	Havana, FL 32333

You are hereby requested to comply with the following changes from the contract plans and specifications.

Bid Item No.	Add/ Deduct	No	Unit	Description of Changes (Supplemental Plans And Specifications Attached)	Unit Price	DECREASE In Contract Price	INCREASE In Contract Price
BASE BID A - Miscellaneous WWTP Improvements							
39	Add	1	LS	Provide and install (1) 100HP soft start control panel including; 24/7 timer, interlocking breakers and emergency receptacle in a 4X stainless steel enclosure (complete)	$46,600.00	$0.00	$46,600.00
40	Add	1	LS	Provide a 30' cord with a matching plug on one end of the cord and the other end prepared for direct connection to portable power supply	$3,400.00	$0.00	$3,400.00
41	Add	1	LS	General Contractor Handling (15%)	$7,500.00	$0.00	$7,500.00
TOTALS						$0.00	$57,500.00
NET CHANGE IN CONTRACT PRICE						**$57,500.00**	

JUSTIFICATION:

Install remote Control Panel for one blower located adjacent to the blowers. The new control panel is required to allow the emergency generator connection to operate the blower while the plant is disconnected from the main power during installation of the automatic transfer switch. The panel will also address the electrical concerns with blower controls associated with the existing Motor Control Center.

The amount of the Contract will be **DECREASED** By The Sum Of:
Fifty-Seven Thousand, Five Hundred Dollars, and No Cents $57,500.00

The Contract Total Including this and Previous Change Orders Will Be:
Five Million, Four Hundred Two Thousand, Six Hundred Fifty-Nine Dollars, and Fifty Cents $5,402,659.50

The Contract Period Completion of Project Will Be: **UNCHANGED** **0** DAYS
The Contract Completion Date Shall Therefore Be: **8/21/2026**

This document will become a supplement to the contract and all provisions will apply hereto.

Requested _____
(Talcon Group, LLC) (Date)

Recommended _____
(Municipal Engineering Services, Inc.) (Date)

Accepted _____
(Town of Century) (Date)

West Division
8820 Grow Dr.
Pensacola, FL 32514
Phone 850-500-8820

TALCON
www.TalconGroup.com

East Division
156 Dupont Road
Havana, FL 32333
Phone 850-574-4400 • Fax 850-574-0686

Monday, February 9, 2026

Change Order #5
WWTP Blower

Item #	Description	Qty.	Unit	Unit Price	Total
				$	-
1	Dunaway Electrical Services	1	LS	$ 43,700.00	$ 43,700.00
2	Talcon coordination, labor & supervision	1	LS	$ 6,300.00	$ 6,300.00
				$	-
				$	-
	Subtotal			$	50,000.00
3	Talcon OH/PR	15	%	$ 7,500.00	$ 7,500.00
				Total Cost	**$ 57,500.00**

Additional Time Requested
2 DAYS

Electrical Services Inc
Dunaway

1814 Blackbird Lane
Pensacola, FL 32534
850-384-0840
FL# EC13011130

February 11, 2026

Talcon
8820 Grow Dr.
Pensacola, FL 32514
Attn: Andy Peters
RE: Town of Century- Wastewater Treatment Plant Blower
REVISED- Showing cost breakdown

Dunaway Electrical Services Inc. is pleased to provide you with our proposal and scope of work for the above referenced project. We agree to furnish all materials, labor, and supervision as listed below;

- Provide and install (1) 100HP soft start control panel including; 24/7 timer, interlocking breakers and emergency receptacle in a 4X stainless steel enclosure
  $27,600.00

- Provide and install an aluminum equipment rack in lieu of mounting on cell wall
  $3,000.00

- Install/rework conduit from existing disconnect switch to starter and from starter to the existing blower
  $4,700.00

- Provide a 30' cord with a matching plug on one end of the cord and the other end prepared for direct connection to portable power supply
  $3,400.00

*Allow 14-16 weeks for delivery

- Labor
  $5,000.00

For the sum of $43,700.00

If you should have any questions, please do not hesitate to contact us.

Dale Long

From:	Dale Long
Sent:	Friday, December 5, 2025 1:50 PM
To:	Ben Boutwell (bboutwell@centuryflorida.us); Dave Murzin (dmurzin@centuryflorida.us)
Cc:	Allen Fowler (allen.fowler@clearwatersolutions.com); Kevin Merchant (kmerchant@centuryflorida.us)
Subject:	TOC Misc Wastewater Improvements - Phase II
Attachments:	Town of Century - WWTP Blower
Follow Up Flag:	Follow up
Flag Status:	Flagged

Mayor/Dave,

On November 25, 2025, we met onsite at the wastewater treatment plant (WWTP) with the Contractor (Talcon) and electrical subcontractor for the project (Dunaway Electrical), as well as representatives from Clearwater Solutions (CWS), and our electrical engineer subconsultant (ACS). The purpose of our meeting was to coordinate the timing to take the power down at the wastewater treatment plant and to discuss what equipment needs to remain in service and how best to ensure that happens. The power will need to be down in order to replace the automatic transfer switch (ATS) at the plant. This device serves to automatically transfer power to the generator when main power (from FPL) is lost for any reason. The existing ATS is no longer functioning which requires the generator to be started manually. FDEP has keyed in on this issue and included it as part of the consent order/consent final judgement requirements.

For your information, the original bid for the work at the WWTP included replacement of the entire motor control center at the plant which included the ATS. Due to funding shortfalls, the work related to the MCC replacement was deleted from the project, but the ATS was kept in to address the Consent Order concerns. As such, the installation requires a significant power outage. The electrical subcontractor has requested that the power be out for 12-18 hours. They intend to work continually during this period to get the ATS installed. They would like to complete this work sometime in February.

Allen and Clemente from CWS advised that while the power is down, the following equipment will need to be maintained and/or powered:

1. The blower to provide air to the treatment process. I believe that only one blower works presently, and we would only power one.
2. The Effluent Pump station to ensure that the treated wastewater coming out of the plant could be pumped to the river.
3. The Return Activated Sludge (RAS) pump.
4. The Auxiliary Pump station.

The Town owns two by-pass pumps. One of them is presently installed at the effluent pump station at the WWTP and is capable of pumping the treated effluent to the river, so it can stay in place and will manage that pump station. I believe that the other one could be installed at the auxiliary pump station assuming it is available (or will be in February) and is capable of meeting the demand of this station. Prior to February, I would recommend that Town staff complete a trial run with your by-pass

pump to ensure it will work at this location (assuming it is available). Additionally, I have reached out on the Town's behalf to Florida Rural Water Association to see if they would be able to loan a bypass to the Town. They have advised that they can loan one and would only need to know the connection requirements and pumping requirements, which we can coordinate with the assistance of Town staff.

The Town also owns two portable generators. One is at the maintenance shop and appears to be in disrepair. The other is located at the Century Prison. The electrical subcontractor inspected both of these generators and has determined that they are too small to start the blower. It is possible that the one at the prison could power the RAS pump (which would be an option instead of a by-pass pump), although we did not investigate that possibility. We can and will investigate this option.

The blower is presently operated via an across the line starter versus a reduced voltage (soft) start. This means that the required current to start the blower is significant, so much so that the size requirement for a generator to start the blower across the line is 500 kW and the requirement if it is a soft start is only 200 kW. I have reached out on the Town's behalf to Florida Rural Water Association (FRWA) to see if they would be able to loan a generator to the Town. They can, however, their largest generator is a 175kW. It is possible that we could make that size work if a soft starter was installed, although some additional investigation into this issue is required.

For a 100 hp motor (which is the motor size on each of the two blowers) a soft starter would be required by FPL and code, and apparently was provided within the existing motor control center but failed at some point and has since been wired around to act as across the line. This is a significant code and safety concern as noted in the attached email from our electrical engineer.

It should be noted that while we did add the ATS installation back into the project, the cost specifically excluded multiple pump and generator rentals. This was discussed at a similar meeting with the Contractor which occurred on 12/18/2024 prior to the Change Order being issued. The same folks attended that meeting as well as Mr. Merchant.

At this point a couple of things need to be decided as follows:

1. Install a reduced voltage "soft" start for the Blower operation. This will serve to eliminate the safety concerns and will also lessen the generator size requirements with the intent of utilizing a borrowed generator from FRWA. The Town can elect to complete this work on your own or it the cost could be change ordered into the Talcon Contract. We can assist with pricing if necessary.
2. Confirm that the bypass pump can remain or be returned to the effluent pump station as needed to be available for the plant power shut down.
3. Confirm that the Town can make a second by-pass pump available to operate the auxiliary pump station. If not, we can coordinate getting a loaner pump from FRWA.
4. Confirm that the Town's existing portable generator at Well 3 can be relocated from the prison to operate the RAS pump station. Some wiring for controls will be required and we will coordinate with Dunaway electrical to confirm this can be done as part of the work.

Please advise on each of these issues at your earliest convenience so we can finalize coordination of this work.

I recognize that there are a lot of moving parts to this, and as such, I am happy to discuss the issues with you in more detail if you have any questions or wish for more information.

Dale E. Long, P.E., LEED AP
Senior Project Engineer

MUNICIPAL ENGINEERING SERVICES INC
8574 Turkey Bluff Road | Navarre, FL 32566
850.939.5732 Office
850.428.0285 Direct
dlong@mesi-fl.com

Dale Long

From: Josef Anderson <josef.anderson@autoconserv.com>
Sent: Wednesday, December 3, 2025 10:31 AM
To: Dale Long
Subject: Town of Century - WWTP Blower

Dale
During our discussions regarding the generator size required to operate the blower during the downtime for the ATS replacement, the electrician brought a significant concern to my attention. The blower is currently being controlled by switching the overcurrent protection device (i.e., the breaker or motor circuit protector). This is not a safe or appropriate method of motor control and presents a risk of arc flash, particularly with an operator present in the hazardous area.

In addition to these safety concerns, the current generator is not capable of starting the blower in an across-the-line configuration during a power outage. As a result, it will not support plant operation under those conditions.

My recommendation is to restore proper motor control for the blower by installing a new Reduced Voltage Soft Starter (RVSS). This solution offers two key benefits: it will allow the plant to operate during the shutdown using a smaller generator, and it will provide safer and more appropriate control of the blower.
There are two potential approaches to repairing the motor control system:

1. **Remove and replace the internal components of the existing MCC bucket** with updated equipment. I believe this would be the least cost.
2. **Install a complete RVSS motor control panel** near the blower motor and supply it from the existing overcurrent protection device.

Please let me know if you would like additional detail or a cost comparison for the options listed above.

Josef Anderson, PE
Engineering Manager

AUTOMATION CONTROL SERVICE, LLC
6281 Technology Drive | Pensacola, FL 32505
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E: josef.anderson@autoconserv.com | W: autoconserv.com