CITY OF KINGSPORT
ADMINISTRATIVE CHANGE ORDER REQUISTION

VENDOR: Frizzell Construction Company, Inc.
PO Box 3292
Bristol, TN 37625

P.O. # : Y00748
ORIGINAL ISSUE DATE: 3/9/2022
CURRENT DATE: 1/10/2023
CHANGE ORDER NO: 4

PROJECT:
#: SW2005 Lift Station Replacements 108, 307,

Contingency Authorized	$	78,300.00	100%
Prior Administrative C.O.(s)	$	34,584.00	44.2%
Amount this Administrative C.O.	$	-	0.0%
Unexpended Contingency Balance	$	43,716.00	55.8%

DESCRIPTION	AMOUNT
Change order to extend contract times from 210 days to 405 days due to supply chain issues.	
TOTAL:	$ -

I, (We) the undersigned hereby certify that the changes in construction charged against the contingency authorized for the herein identified contract were made in compliance with Section 2-514 of the City of Kingsport Code of Ordinances, 2012 edition.

Mike Hickman
Project Manager (Printed)

Signatures:
Project Manager — Date: 1-12-2023
City Manager — Date: 1-18-23

Route to:
- / City Recorder (Original)
- – Purchasing Agent (Copy)
- / City Accountant (Copy)

NOTE: Signature(s) required above. Facsimile is **not** acceptable.

NO EN Dressell 01/13/23

CHANGE ORDER

No. 4

DATE OF ISSUANCE January 10, 2023 EFFECTIVE DATE January 10, 2023

OWNER City of Kingsport

CONTRACTOR Frizzell Construction

Contract: Wastewater System Improvements

Project: Oak Glen, Lakeside, and Cooks Valley Pump Stations

OWNER's Contract No. N/A ENGINEER's Contract No. CKP802

ENGINEER LDA Engineering

You are directed to make the following changes in the Contract Documents.

Description: Revise the Contract Time.

Reason for Change Order: Supply chain issue impacts to control panel manufacture/delivery.

Attachments: (List documents supporting change): Correspondence from contractor and supplier.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIMES:	
Original Contract Price $ 1,305,000.00	Original Contract Times:	
	Substantial Completion:	180 (days)
	Ready for final payment:	210 (days)
Net Increase (Decrease) from previous Change Orders No. 1 to No. 3 $ 43,716.00	Net changes from previous Change Orders No. 1 to No. 3:	
	Substantial Completion:	-0- (days)
	Ready for final payment:	-0- (days)
Contract Price prior to this Change Order $ 1,348,716.00	Contract Times prior to this Change Order	
	Substantial Completion:	180 (days)
	Ready for final payment:	210 (days)
Net Increase (decrease) of this Change Order $ -0-	Net Increase (decrease) of this Change Order	
	Substantial Completion:	-195- (days)
	Ready for final payment:	-195- (days)
Contract Price with all approved Change Orders $ 1,348,716.00	Contract Times prior to this Change Order	
	Substantial Completion:	375 (days)
	Ready for final payment:	405 (days)

RECOMMENDED:

BY: Steve Bostic
ENGINEER (Authorized Signature)

DATE: January 8,2023

APPROVED:

BY: Mike Hulton
OWNER (Authorized Signature)

DATE: 1-10-2023

ACCEPTED:

BY: Frank Whitt
CONTRACTOR (Authorized Signature)

DATE: 1-10-23

HOME OFFICE
1501 BLUFF CITY HWY.
P. O. BOX 3292
BRISTOL, TN 37625
423-764-5107
FAX 423-764-2455

Frizzell Construction

GENERAL CONTRACTORS

SKILL RESPONSIBILITY INTEGRITY

CAROLINA OFFICE
122 WOODLAWN
P. O. BOX 984
MT. HOLLY, NC 28120
704-827-7676

Please send mail to
Home Office Address

December 27, 2022

Steve Bostic, P.E.
LDA Engineering
4718 Lake Park Dr STE 4
Johnson City, Tn 37615
423-283-7227

Subject: Notice of Delay Kingsport Lift Station Project

Dear Steve,

As you are aware, we are having issues with delivery of certain electrical components for this project. Please see attached letter and email correspondence. The delivery date for the components is March 24, 2023, Custom will need 30 days to install the components, do FAT testing and ship to the site. Our electrician would need 30 days to install, wire, and test the panels. With that said, we are requesting a time extension for 195 days. Please let me know if you have any questions.

Thank you,

Frank Whitt

Frank Whitt

Custom
Controls
Unlimited

332 E. Springbrook Drive Suite 300
Johnson City, TN 37601
Office: 919-661-5556
Fax 919-661-5557
johnumcneill@ccuinc.com

12/16/2022

To: LDA Engineering

Subject: Kingsport Wastewater System Improvements Project Delay Update

CCU would like to submit the following schedule update for the Kingsport Wastewater System Improvements Project (Oak Glenn, Lakeside, Cooks Valley). Unfortunately, the global supply chain is not functioning as it did in years past. There are reasons for this beyond my expertise. All components and hardware supplied by CCU for our business are affected by these supply chain issues. Parts that used to be considered in-stock items are now several months out. These delays have a direct effect on CCU's project deadlines, including this project. Currently there are two main pieces to this project that are heavily delayed: the Programmable Logic Controllers (PLCs) and the Variable Frequency Drives (VFDs).

Concerning possible replacement for long lead time items, CCU does not believe part replacement to be the solution here. Kingsport uses the originally specified PLC almost exclusively throughout their utility system. Therefore, providing another PLC brand would give Kingsport a unique PLC that its staff may not know how to use/troubleshoot. For the VFD's, CCU deals in multiple VFD brands. All the VFD brands CCU recommends are experiencing equally long lead times. Therefore, replacing the Schneider Electric VFD with another brand will not improve the project completion. Please review the following updated delivery schedule for each of these items as well as the attached letters from the manufacturers further explaining these delays.

Estimated Delivery of Outstanding Parts:

1. Rockwell Automation CompactLogix PLC and components estimated to ship 3/16/2023
2. Schneider Electric VFD estimated to ship 3/20/2023

Once CCU receives these parts, our team will dedicate our skilled personnel to manufacture these panels as soon as possible. As of today, these are the only items with long lead times. However, there might be other items that get pushed back in delivery. If this occurs, CCU will immediately reach out to the Frizzell for other solutions/alternates to keep this project from experiencing further delays.

Regards,

John McNeill
Custom Controls Unlimited, LLC

See Attached.

Rockwell Automation

An update on our global supply chain 12/14/2022

Global Supply Chain Update

We, along with many industries and customers, continue to face broad-based, ongoing supply constraints stemming from component shortages, material scarcity, logistics challenges, and related issues. These challenges are compounded by the macroeconomic conditions and geopolitical events around the world including war, unexpected shutdowns due to the pandemic, and natural disasters. As a result, there are longer lead times for some of our product lines and more frequent changes to our sales order shipment dates.

We have continued to update and post product lead times every two weeks to ensure that we are appropriately reflecting the reality of our supply chain. We continue to make system adjustments to improve our delivery date reliability and minimize reschedules. Additionally, we have made large-scale investments to support our orders growth. We are confident that we have built capacity across our network and we continue to monitor our capacity for any additional requirements.

Despite these investments, we continue to face volatility in the availability of components, which is beyond our control. We are fully aware of the unfortunate inconvenience and frustration this has created for partners and customers.

Ongoing actions we are taking:

- Extending order visibility to our supply base to ensure we are appropriately planning for extended component lead times
- Securing longer-term supply agreements with critical partners
- Re-engineering of existing products to increase component supply resiliency
- Capacity investments, with redundant manufacturing lines and additional electronic assembly equipment
- Qualification of additional suppliers to diversify our supplier base

Rockwell Automation

Life Is On | Schneider Electric

December 15, 2022

Dear Schneider Electric Partner/Customer:

The world has changed dramatically since the onset of the COVID-19 pandemic. It set in motion a series of global events which have led to significant disruptions, many of which have impacts across the world. These include constrained labor availability, global shortages of raw materials and electronics, unreliable transportation, and reductions in available energy, just to name a few.

Supply chains across industries have been challenged by these restrictions. Schneider Electric continuously monitors the situation and employs a robust business continuity methodology to respond as quickly and effectively as possible.

At the same time, enterprise and governments are accelerating their energy transition, digitizing and electrifying their operations to improve energy efficiency and sustainability outcomes, resulting in increased demand for many of our products and solutions.
We work with our partners across our supply chain, from our suppliers to our customers, to minimize the impact of disruption on customers as much as possible.

As we strive to meet order demand we are:

- Qualifying alternate components by working closely with our suppliers and R&D organization to support increased demand and improve continuity of supply.
- Reviewing supplier tooling to add machine capacity to support growth, keep buffer capacity, and provide critical redundancy.
- Working together with suppliers at multiple levels upstream to secure supplies in line with demand, plan for demand growth, and assure business continuity of their operations.
- Monitoring global transportation reliability, labor availability, and overall market dynamics and adjusting lead times as necessary, striving to keep these lead times as short as possible.
- Leveraging our network of over 180 factories and almost 90 distribution centers across the world, orchestrated by our intelligent systems and control towers to respond flexibly to benefit our customers.
- Ensuring supply categories are supported by multi-region sourcing.

Despite our collective efforts, it is not yet clear when the supply chain situation will return to normal.

Schneider Electric
se.com

At Schneider, our teams are empowered to do their best to support you and wherever we operate, we continue to adapt to evolving needs. We are focused on supporting your operations and business continuity through digital resiliency, cyber secure tools and infrastructure, 24/7 customer and technical support, and remote management capabilities.

We thank you again for your support and understanding. If you have any questions, please don't hesitate to contact us here, or reach out directly to your Schneider Electric representative.

Gary Rodriguez
Ecosystem Sales Executive
Schneider Electric

Guys,

Here's my best estimation for lead time update:

1. Receive all major parts 3/24/2023
2. Manufacturer completion 4/18/2023
3. Panel factory acceptance testing (FAT) 4/20-4/21/2023
4. Panel ship 4/24/2023
5. Install done by Electrical Contractor (that company will need to give you an estimate)
6. Test installed panel by checking that field terminations are correct (+ two days/per site)
7. Start-up (+ one day/per site)

I hope this helps.

John McNeill | District Manager

Custom Controls Unlimited

An INFRAMARK Company

332 E. Springbrook Drive Suite 300 | Johnson City, TN 37601

(O) 423-250-1100 **(F)** 919-661-5557 | www.ccuinc.com

From: Frank Whitt <FCC1501A@outlook.com>
Sent: Thursday, December 22, 2022 12:48 PM
To: Ken Tolbert <ktolbert@tbcontractorsinc23.onmicrosoft.com>; John McNeill <john.mcneill@ccuinc.com>
Cc: Rick Clifton <rclifton@tbcontractorsinc23.onmicrosoft.com>; Lane Blevins <lane.blevins01@gmail.com>
Subject: RE: Custom Controls Delivery schedule