

**CONSTRUCTION CHANGE ORDER
ALLOWANCE INCREASE REQUEST FORM**

To: Brenda J. Billingsley, Director
Purchasing Division

Date: 3/2/2021

Project Name: Water Treatment Plant 2A. - Electrical Switchgear Improvements

Contract No.: PNC2118530C1

Purchase Order No.: WWE1900077

Original Award Amount: \$5,986,460.00

Date and Item No. of Original Award: Bid No. PNC2118530C1, 2A Electrical Switchgear Improvements approved by the Director of Purchasing on September 5, 2019

Contract amount to date including all final approved change orders and amendments:

Description	Amount (\$)
Original Contract Amount	\$5,986,460.00
Change Orders Issued to date (CO #1 thru #3E)	\$ 255,373.20
<u>Pending Change Orders (CO # 4E)</u>	<u>\$ 5,803.37</u>
Total	\$6,247,636.57
Current Change Order Allowance (5%)	\$299,323.00
<u>Less Change Orders issued plus pending to date (CO #1 thru #4E)</u>	<u>\$261,176.57</u>
Current Available CO Balance	\$38,146.43
Anticipated Future Change Orders (estimated)	\$185,000.00

Previous total change order allowance (COA) % over the standard 5%, approved by the Board: None.

Previous total change order allowance (COA) % over the standard 5%, approved by the Director of Purchasing: None.

Using Agency's requested COA % and corresponding dollar increase request and justification:

Water and Wastewater Engineering Division (WWED) is requesting a change order allowance increase of \$100,000 for a revised change order allowance of \$399,323.00 which equates to a total COA of 6.67%

Water Treatment Plant 2A (WTP) emergency generator no. 2 failed, leaving the facility without a reliable backup emergency source. Temporary emergency generators are needed to standby at the WTP to mitigate the risk of not having any

emergency backup power, potentially affecting water production to customers.

Opportunely, a capital project is in place to replace the water plant main electric controls as well as the existing generators control system, which requires the use of temporary generators during critical cutover of this equipment. WWED has the ability to extend the use of the temporary generators until the existing generators can be rebuilt. WWOD staff requested WWED to install the temporary generators onsite earlier and rebuild both existing 25+ year old generators. Alternative methods and vendors were investigated but the use of the capital project is in the best interest of the WWS.

Under the existing capital project, extended temporary generator rental fee has already been covered for a two-month period, however, 2 to 2-1/2 additional months will be required until existing generator no. 1 and no. 2 are rebuilt. The existing generator refurbishment is covered under the 5% change order allowance currently approved for this capital project. The rental fee for the extra 2 to 2-1/2 months is estimated to be approximately \$185,000. Therefore, in addition to this request for \$100,000, Staff is concurrently preparing an Agenda for Board of County Commissioner action to increase the change order allowance of the project to 10%. The additional COA allowance will allow payment of the remaining rental fee for the temporary generators and any other potential unforeseen events under this project. The electrical system at the water plant has not been upgraded since built in the 1970s.

Request:

WWED is requesting a change order allowance increase of \$100,000 to the current 5% allowance resulting in a total net change order allowance percentage of 6.67%.

William P. Mitchell <hr/> William 'Pat' Mitchell	Digitally signed by William P. Mitchell Date: 2021.03.10 10:34:37 -05'00'	<u>Expansion Project Administrator</u> Title	<u>03-10-2021</u> Date
Steven J. Doyle <hr/> Steven J. Doyle, PE.	Digitally signed by Steven J. Doyle Date: 2021.03.10 11:33:20 -05'00'	<u>Const. Project Mgr. Supervisor</u> Title	<u>03-10-2021</u> Date
GREG BALICKI <hr/> Gregory M. Balicki, P.E.	Digitally signed by GREG BALICKI Date: 2021.03.10 13:54:40 -05'00'	<u>Contract Administrator</u> Title	 Date

Approved by: (Purchasing Division)

BRENDA BILLINGSLEY <hr/> Signature	Digitally signed by BRENDA BILLINGSLEY Date: 2021.03.17 13:22:26 -04'00'	<u>Director of Purchasing</u> Title	<u>3/17/2021</u> Date
Reviewed: Nancy Olesen <hr/> Purchasing Agent	Digitally signed by Nancy Olesen Date: 2021.03.12 10:45:31 -05'00'	Reviewed: CHRISTINE CALHOUN <hr/> Purchasing Manager	Digitally signed by CHRISTINE CALHOUN Date: 2021.03.16 18:00:10 -04'00'