



# PROPOSED CHANGE ORDER REQUEST

Department of Watershed Management

Contract Name: Design Build Services for Scott Candler Water Treatment Plant Date: 11/4/2019  
High Services Pump Station Header & Transfer Pumps  
 Contractor: Reeves Young, LLC  
 Contract Number: 1119346 Contract Amendment Number: 1  
 Contract Amendment Category:  Cost  Schedule  Scope  Deliverables

Original Contract \$ Amount:	Contract Start Date:	Original Contract Time:	Original Contract End Date:
\$3,961,915.00	11/30/2018	762	12/31/2020

NTP Start Date:	Original Performance Days:	Original Performance End Date:
12/21/2018	550	6/23/2020

Previous Change Order:	Previous Time Extensions (Days):	Previous Changes to \$ Amount:
Change Order No. 1:	0	\$0.00
Change Order No. 2:	0	\$0.00
Change Order No. 3:	0	\$0.00
Current Contract Amount:	Current Performance Time (Days):	Current Performance End Date:
\$3,961,915.00	550	6/23/2020

**Description of Proposed Changes:** Amendment/Change Order No. 1 is being proposed in order to provide additional funding to the contractor for the purchasing of two (2) Allen Bradley VFDs.

**Justification of Proposed Changes:** DWM/Operations at the Scott Candler WTP currently use Allen Bradley VFDs as the main controlling speed of the pumps. The Operation Staff has been trained and has a working knowledge of the Allen Bradley PLC and Control Logic System. This is a new request because after issuing the design build it was identified that the confines of the building space required additional HVAC to mitigate equipment generated heat. The requested Allen Bradley VFD was selected to mitigate the unforeseen HVAC issues. The new Allen Bradley VFDs will be able to work in the temperatures up to 50° Celsius (122°F), which will provide the superior performance during the hot weather condition. Furthermore, Scott Candler equipment control system is comprised of Allen Bradley Program Logic controllers. Therefore, it is strongly recommended to use Allen Bradley Variable Frequency Drives (VFD's), to allow compatibility with the existing controllers. Using any other products may not allow the system to properly perform with the existing Controllers.

Proposed Additional Performance Days:	Proposed Cumulative Performance Days:	Proposed Performance End Date:	Proposed Contract End Date:
Proposed Changes to Dollar Amount:	Proposed Cumulative Contract Amount:	Amount Spent To Date as of 11/1/2019:	
\$99,482.27	\$4,061,397.27	\$750,915.00	

**Describe Any Risk Associated With This Change:** There is no risk associated with this change. This change will ensure that the new VFDs and the associated program logic controller are compatible with the existing system at the Scott Candler WTP.

**Effect of NOT Approving This Change:** Not allowing the Allen Bradley VFDs increase the chances of equipment failure that is commonly being occurred due to the mismatched systems. It is highly recommended to approve this change to reduce the complexity of this system.

**Engineering Manager's Approval:**

- Accepted
- Rejected

Signature: Kerry Williams, P.E., PMP  
Print Name: \_\_\_\_\_  
Date: \_\_\_\_\_

Digitally signed by Kerry Williams, P.E., PMP  
DN: cn=Kerry Williams, P.E., PMP, o=DeKalb Watershed, ou=CS&S, email=kerry.williams@dekalbwatershed.com, c=US  
Date: 2019.11.07.16:24:12 -0500

**Watershed Director's Approval:**


- Accepted
- Rejected

Signature: Reginald Wells  
Print Name: Reginald Wells  
Date: 11/7/2019

Digitally signed by Reginald Wells  
Date: 2019.11.07.14:07:46 -0500


**Deputy Chief Operating Officer's Approval:**

- Accepted
- Rejected

Signature:   
Print Name: Ted Rhinehart  
Date: 11/8/19

**Chief Operating Officer's Approval:**

- Accepted
- Rejected

Signature:   
Print Name: \_\_\_\_\_  
Date: 11/20/19

Contract Name: **Design Build Services for Scott Candler Water Treatment Plant High Services Pump Station Header & Transfer Pumps Replacements**

Contractor: **Reeves Young, LLC**

Contract Number: **1119346**

Contract Amendment Number: **1**