

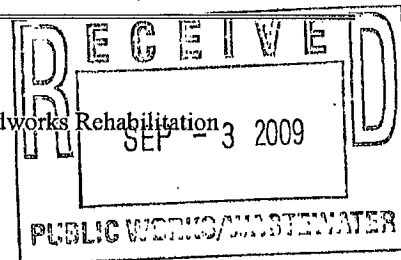
CHANGE ORDER

No. 1 (Final)

DATE OF ISSUANCE

EFFECTIVE DATE

OWNER St. Charles Parish
CONTRACTOR Cycle Construction Company, LLC
Contract: Destrehan Regional Wastewater Treatment Plant Phase 2 Headworks Rehabilitation
Project: SEP 3 2009
OWNER's Contract No. S080501-2
ENGINEER's Contract No. 377543



ENGINEER CH2M HILL

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

Description:

A. Delete the Following Work Items:

- 1) Contract Item: 2) Replacement of Embedded Angles supporting Floor Planking as directed by Owner and Engineer
Delete item in its entirety. (- \$18,750)
 - 2) Contract Item: 3) Removal of Existing Aluminum Checker Plate and Fabrication and Installation of Aluminum Grating
Delete item in its entirety. (- \$31,200)
 - 3) Contract Item: 6) Project Sign
Delete item in its entirety. (- \$2,000)
 - 4) Contract Item: 7) Relocation of Infrastructure
Delete item in its entirety. (- \$20,000)
- Total of Deducted Items (-\$71,950)

B. Add the Following Work Items :

- 1) New Contract Item: 8) Purchasing and installation of 316 SS base plates. The plates are to be installed between grout pad and rotary screen according to the attached drawing. Contractor is responsible for all measurements.
Addition of \$7,325.15 L.S. See attached cost estimate for details.
 - 2) New Contract Item: 9) Repair of approximately 156 S.F. of Concrete that was deteriorated more than 2"
Addition of \$23,602.96 L.S. See attached cost estimate for details.
 - 3) New Contract Item: 10) Repair of deteriorated structural steel reinforcement.
Addition of \$7,104.07 L.S. See attached cost estimate for details.
 - 4) New Contract Item: 11) Replacement of deteriorated 6" DI Grit Return Pipe with 5" PVC Piping.
Addition of \$3,437.75 L.S. See attached cost estimate for details.
 - 5) New Contract Item: 12) Identify and remove deteriorated Planking and replace with new Aluminum Planking.
Addition of \$6,157.94 L.S. See attached cost estimate for details.
 - 6) New Contract Item: 13) Repair of Conduits damaged by Contractor - performed by St. Charles Parish.
This is a work item with a negative value, because it is work performed by St. Charles Parish and charged to the Contractor.
Subtraction of \$809.84 L.S. See attached email for details.
- Total of Added Work Items (\$46,818.03)

C. Revise the Following Work Item Quantities :

- Contract Item: 4) Cleaning, repair, and coating of concrete.
The quantity is to be changed to 2048 S.F. (-\$3,640).

Reason for Change Order:

- A. 1) After removal of all aluminum covers and completion of a thorough inspection it was determined that the embedded angles do not require replacement allowing this line item to be deleted.
2) A hydrogen sulfide survey of the headworks area was completed during bidding of this project and high concentrations of gas were detected up to 2 feet above the deck, raising concerns for the health and safety of workers and equipment. A decision was made to keep the structure covered and instead just repair/replace deteriorated planking (see new work item 4).
3) A project sign was determined to not be required for this project.
4) The work item "Relocation of Infrastructure Items" was not used and can be eliminated from the contract.
- B. 1) This work will help drain liquids back into conveyance channels avoiding spills and damages to the surrounding concrete surfaces and it will eliminate damages to the grout pad and associated cost when rotary screens are removed in

the future.

2) and 3) After removing the structure from service and demolishing the existing gates, extensive damage to concrete and steel reinforcement were discovered that could not be detected during initial investigations and design since areas were flooded with wastewater. The undersides of the concrete slabs that could only be checked when the channels were drained and cleaned were found to be severely damaged. Only steel reinforcement that is critical to the integrity of the structure will be replaced.

4) The outlets and inside of the 6" grit return pipes were significantly corroded and required repair to allow a good finish of the underlayment and epoxy coating.

5) See A2) for details.

6) Damages to 2 electrical conduits that occurred during construction activities were repaired by St. Charles Parish and all labor and material costs will be charged to the contractor.

- C. The quantity for this work item included an allowance due to concerns regarding the accuracy of the original plant construction drawings. Upon completion of the work item a final quantity take-off was performed with the engineer, the contractor, and the coating sub-contractor, which resulted in an adjustment of the previously estimated quantities. The final quantity is 52 S.F. less than the base bid work item.

Attachments:

Quotation SS Base Plate

Quotation Concrete and Steel Repairs

Quotation Planking Repair

Email Quotation Conduit Repair

CHANGE IN CONTRACT PRICE:	
Original Contract Price	\$268,950.00
Net Increase (Decrease) from previous Change Orders No. ___ to ___:	\$0.00
Contract Price prior to this Change Order:	\$268,950.00
Net increase (decrease) of this Change Order:	\$-28,771.97
Contract Price with all approved Change Orders:	\$240,178.03

CHANGE IN CONTRACT TIMES:	
Original Contract Times: Substantial Completion: _____ Ready for final payment: _____ (days or dates)	
Net change from previous Change Orders No. ___ to No. ___: Substantial Completion: _____ Ready for final payment: _____ (days)	
Contract Times prior to this Change Order: Substantial Completion: _____ Ready for final payment: _____ (days or dates)	
Net increase (decrease) this Change Order: Substantial Completion: _____ Ready for final payment: _____ (days)	
Contract Times with all approved Change Orders: Substantial Completion: _____ Ready for final payment: _____ (days or dates)	

RECOMMENDED:

By: [Signature]
ENGINEER (Authorized Signature)

APPROVED:

By: [Signature]
OWNER (Authorized Signature)

ACCEPTED:

By: [Signature]
CONTRACTOR (Authorized Signature)

Date: 08/13/2009

Date: 08-09

Date: 9/2/09

EJCDC 1910-8-B (1996 Edition)

Prepared by the Engineers Joint Contract Documents Committee and endorsed by The Associated General Contractors of America and the Construction Specifications Institute.