

CHANGE ORDER

No. 1

DATE OF ISSUANCE _____

EFFECTIVE DATE _____

OWNER St. Charles Parish
CONTRACTOR Sea Level Construction Inc.. Contract: _____
Project: Engineer's Canal Pump Station Bar Screen Cleaners
OWNER's Contract No.P090404 ENGINEER's Contract No. 0909
ENGINEER Principal Engineering, Inc.

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

Description:

A. Delete the Following Work Items:

- 1) Contract Item 2: Replace bar screens located against upper level of pump station.
Delete that portion of this item. (-\$ 2,781.00)
- 2) Contract Item 3: Headwall at site entrance was eliminated
Delete that portion of this item. (-\$11,138.00)
- 3) Contract Item 4: a) Electrical underground conduit bank was not relocated (-7,156.00)
b) Eliminate Light Pole pedestals on the levee side of the pump station (-\$1,237.00)
Delete those portions of this item. (-\$ 8,393.00)
- 4) Contract Item 8: Relocation of Infrastructure
Delete this item in entirety. (-\$75,000.00)
- 5) Contract Item 9: Perimeter property fencing and associated limestone under this item eliminated
Delete that portion of this item. (-\$10,082.00)
- 6) Contract Item 10: The relocation of the gas meter was not required.
Delete that portion of this item. (-\$2,000.00)

Total of Deducted Items = (-\$109,394.00)

B. Add the Following Work Items:

- 1) Contract Item 2: Installed serrated bar grating at the debris deck (+\$ 7,100.00).
Addition of \$7,100.00.
- 2) Contract Item 4: a) Modified two light pole foundations mounted onto the deck walls (+ \$1,900.00).
b) Concrete paving including Super "P" admixture for high early strength (+\$4,637.85).
c) Limestone added to edge of main apron and next to rip rap area in Canal to eliminate erosion of soil near driveway and Pump Station (+\$6,440.00).
d) Addition of 2 bollards with chains to completely encircle the Gas Meter for Safety, since the Gas Meter was not relocated (+\$2,603.00).
e) Addition of four leveling rings at previously buried manholes in the footprint of new driveway (+\$650.00)
Addition of \$16,230.85.
- 3) Contract Item 9: Pump Station Facility fencing and gates were installed , due to elimination of property perimeter fencing
Addition of \$16,271.00.
- 4) Contract item 12: The bar screen "block outs" were enlarged to eliminate any debris from falling into protected area of pump suction
Addition of \$1,000.00.

Total of Added Work Items = \$40,601.85

C. Revise the Following Work Item Quantities:

None.

Reason for Change Order: List a reason for each Line Item listed above.

A. Deleted Work Items

- 1) Contract Item 2: The upper bar screens were identified for removal and replacement with a serrated bar grate system by the Parish after construction had begun. Bar Screen clearance interfered with the motorized equipment needed to clean the debris deck. Serrated bar grating was fabricated and installed

against the pump station. The grating took the place of the existing small bar screens. This modification also allows easier removal for access to pump suction area for maintenance and repair.

- 2) Contract Item 3: The headwall was eliminated, as future plans to relocate the drainage ditch were formed after design was complete. This work will be performed under another project.
- 3) Contract Item 4: a) The relocation of the electrical underground conduit bank was not required. There was enough room to drive the pipe piles between the underground conduit bank and the concrete wall without relocating the Entergy Service. b) The Light Pole pile pedestals could not be located as closely as desired due to an underground obstruction. They were eliminated and Light Pole metal brackets added to the project.
- 4) Contract Item 8: This item was not used.
- 5) Contract Item 9: The fence on the western boundary of the Pump Station property was removed and not replaced.
- 6) Contract Item 10: The gas meter was not relocated. The gas line from the gas meter to the pump station was relocated, but the gas meter remained in its original location..

B. Add Work Items

- 1) Contract Item 2: The upper bar screens at the debris deck level were originally intended to be removed for construction and reinstallation. Upon review of the thickness of the bar screens, it was realized that the Bar Screen thickness interfered with the clearance required by the motorized equipment needed to clean the debris deck. Serrated bar grating was fabricated and installed against the pump station to eliminate this conflict. This modification also allows easier removal for access to pump suction area for maintenance and repair.
- 2) Contract Item 4: a) The Light Pole pile pedestals could not be located as closely as desired due to an underground obstruction. They were eliminated and Light Pole metal brackets added to the project. b) The addition of "Super P" (a high early yield admixture) was used to ready the driveway for truck and equipment traffic as soon as possible. St. Charles Parrish needed to install a pump in a short time after the concrete was poured. Cost of the "Super P" additive was 105 CYs at \$44.17 per CY. c) Additional limestone surfacing was added to the edge of main apron and next to rip rap area in Canal to eliminate rutting and erosion of soil at the driveway shoulder areas and near the Pump Station. d) The two additional bollards were added for protection around the now exposed existing gas meter. The bollards will prevent vehicles from backing into or otherwise damaging the gas meter assembly. e) Two manholes were buried beneath the existing asphalt driveway, and were discovered following excavation for the new concrete driveway. The leveling rings were required to bring the casting elevation to flush with the new concrete surface.
- 3) Contract Item 9: Pump Station Facility fencing and gates were installed, due to elimination of property perimeter fencing. This fencing will secure the station and allow access for maintenance and repair of Pump Station Equipment.
- 4) Contract Item 12: The bar screen "block outs" were field fabricated and enlarged to a size greater than that anticipated in design. The bar screen cleaner manufacturer provided metal guides at each end of the assemblies, shifting the required location of the "block outs" forward, using more material than originally designed. The additional "block outs" are required to eliminate any debris from falling into protected area of pump suction.

C. Revise Work Item Quantities

None.

D. Revise Number of Contract Days

Additional three (3) contract days was justified due to rain days incurred during the project

Attachments:

- 1) Sealevel Proposal for work items.
- 2) Concrete invoices documenting additional cost
- 3) Measurement of additional limestone area.

CHANGE IN CONTRACT PRICE:
Original Contract Price \$1,432,981.00
Net Increase (Decrease) from previous Change Orders No. <u>n/a</u> to <u>n/a</u> : \$0.00
Contract Price prior to this Change Order: \$1,432,981.00
Net increase (decrease) of this Change Order: (-\$68,792.15)
Contract Price with all approved Change Orders: \$1,364,188.85

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: <u>November 12, 2011 (180 days)</u> Ready for final payment: _____ (days or dates)
Net change from previous Change Orders No. ___ to No. ___: Substantial Completion: <u>180 days</u> Ready for final payment: _____ (days)
Contract Times prior to this Change Order: Substantial Completion: <u>November 12, 2011 (180 days)</u> Ready for final payment: _____ (days or dates)
Net increase (decrease) this Change Order: Substantial Completion: <u>3 days increase</u> Ready for final payment: _____ (days)
Contract Times with all approved Change Orders: Substantial Completion: <u>November 15, 2011 (183 days)</u> 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: 12-27-11

Date: 11/23/11

Date: 12/28/11

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.