

SECTION 00806

CHANGE ORDER

No. 1 (Final)

DATE OF ISSUANCE 05/07/2020

EFFECTIVE DATE 05/07/2020

Owner: St. Charles Parish
Contractor: Sealevel Construction, Inc.
Contract: Magnolia Ridge Drainage Pump Station
Project: Magnolia Ridge Drainage Pump Station
Owner's Contract No. P080905-6C
Engineer: Burk-Kleinpeter, Inc.

Engineer's Contract No. 10475

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

Description:

1. Delete the Following Work Items:

- a. Contract Item #: [4] Reloading Test Pile
Delete item in its entirety. (- \$ 250.00)
- b. Contract Item #: [44] Silt Fence
Delete item in its entirety. (- \$ 11,250.00)
- c. Contract Item #: [51] Rip-Rap (55lb)
Delete item in its entirety. (- \$ 90,000.00)

Total of Deducted Items = (- \$ 101,500.00)

2. Add the Following Work Items:

- a. New Contract Item #: [68] Supply and Weld Steel Caps
Addition of \$ 8,200.00 (LS).
- b. New Contract Item #: [69] Pressure Sensing System
Addition of \$ 12,900.00 (LS).

Total of Added Work Items = (+ \$ 21,100.00)

3. Revise the Following Work Item Quantities:

- a. Contract Item #: [14] Reinforced Concrete Building and Pump Support Deck
The quantity is to be changed to 287.432 CY. (+ \$ 4,500.00)
- b. Contract Item #: [17] Reinforced Concrete Bridge Approach Slab
The quantity is to be changed to 72.47 CY. (- \$ 2,783.00)
- c. Contract Item #: [19] Pre-Engineered Building
The Lump Sum unit price is to be changed to \$251,637.00 (- \$ 13,363.00)
- d. Contract Item #: [23] Discharge Protective Ground Slope Paving (4" Thick)
The quantity is to be changed to 904.69 SY. (+ \$ 7,132.95)

- e. Contract Item #: [26] Pump and Drive Train
The Each unit price is to be changed to \$452,520.22 (+ \$ 10,080.87)
Note: Actual price per each is \$452,520.2175 due to \$10,080.87 increase to the total price for line item from WCD #016.
- f. Contract Item #: [46] Excavation
The quantity is to be changed to 33589 CY. (- \$ 32,055.00)
- g. Contract Item #: [47] Truck Washdown Racks
The Lump Sum unit price is to be changed to \$2,400.00 (- \$ 2,400.00)
- h. Contract Item #: [52] Grouted Rip-Rap (55lb)
The quantity is to be changed to 4513.8462 TON (+ \$ 33,400.00)
- i. Contract Item #: [54] Concrete Weir Structure
The Lump Sum unit price is to be changed to \$130,361.00 (+ \$ 361.00)
- j. Contract Item #: [55] Seeding, Fertilizing, and Mulching
The quantity is to be changed to 8.88 AC. (- \$ 360.00)
- k. Contract Item #: [56] Excavated Material Hauled to Onsite Stockpile Area
The quantity is to be changed to 10306 CY. (+ \$ 10,612.00)
- l. Contract Item #: [57] Canal Fill
The quantity is to be changed to 3505 CY. (- \$ 22,455.00)
- m. Contract Item #: [59] Steel Bollards
The quantity is to be changed to 29 EA. (+ \$ 770.00)
- n. Contract Item #: [61] Granular Material
The quantity is to be changed to 4371.63 CY. (+ \$ 6,859.56)
- o. Contract Item #: [62] Geotextile Separator
The quantity is to be changed to 19731.53 SY. (+ \$ 5,863.06)
- p. Contract Item #: [63] Surfacing
The quantity is to be changed to 2077.39 CY. (+ \$ 22,191.20)
- q. Contract Item #: [65] Embankment
The quantity is to be changed to 20535 CY. (+ \$ 20,280.00)
- r. Contract Item #: [66] Existing Access Road Grating
The quantity is to be changed to 2400 LF. (- \$ 19,760.00)
- s. Contract Item #: [67] Existing Access Road Grading Supplement Surfacing
The quantity is to be changed to 72 CY. (- \$ 19,380.00)

Total of Change in Work Items Quantity = (+ \$ 9,494.64)

Reason for Change Order:

1. Deleted Work Items

- a. Line item [4] was not used {-1 EA}.
- b. Line item [44] was not used {-3,750 LF}.
- c. Line item [51] was not used {-1,500 TON}.

2. Add Work Items

- a. [68] Supply and weld steel caps on the south and north wingwalls to provide a safe environment for future maintenance work on the bar screen cleaners and intake entrance to the pump station {+8,200.00 LS}.
- b. [69] The pressure sensing system is required to monitor the operation of the pump syphon design. The syphon design reduces the required power during pumping operations. This system will alarm any failure in the syphon operation, alerting personnel of potential increased power at the pumps {+\$12,900 LS}.

3. Revise Work Item Quantities

- a. [14] The pedestal lowering required to allow flow back to the day tank {+2.43 CY}.
- b. [17] The northern wall of the debris storage area was deleted to allow access to storage area for disposal containers {-2.53 CY}.
- c. [19] (A.) The design of the roll down shutters is not required for this pump station building application. The increase in louver size is required to accommodate the lower fan capacity on the diesel engine radiators to exhaust/ recirculation air in the facility {- \$10,363.00 LS}. (B.) The ceramic tiles in the restroom are deleted from the contract per the request of St. Charles Parish {-3,000.00 LS}.
- d. [23] Addition of the 4" paving to divert rainwater away from the south side of the site and to pave the area beneath the generator for storage and improve maintenance of that area {+129.69 SY}.
- e. [26] The adding of the fuel priming pump was owner requested. The cooling of the fuel at the day tank was not required. Modifications of the coolant piping were required to eliminate air in the coolant system. The replacement of the charge air piping was due to rusting inside the carbon steel piping {+\$10,080.87 LS increase resulting in +\$2,520.2175 EA}.
- f. [46] The quantity has been changed based on the comparison of the initial and final surveys {-6,411 CY}.
- g. [47] Reduced quantity only needed to complete the project {- \$2,400.00 LS}.
- h. [52] Additional grouted rip rap to be placed to mediate the unforeseen bank failure uncovered during excavation of the existing Bowie Lumber canal from the pump station to the culvert crossing {+513.85 TON}.
- i. [54] Addition of the aluminum stop log system installed on the swale side of the roadway to allow the high-water elevations of El. 3.0 and below in the Paradis Canal to be shut off from the Pumping Station intake basin. This will prevent the pump station from recirculating high-water elevation from the Paradis Canal, through the weir structure at El. +3.0 and below into the Pumping Station intake basin {+\$361.00 LS}.

- j. [55] Addition of road is required to have connection with future Magnolia Ridge levee (separate contract) road for continuous parallel levee access roads. Ramp is required for crossing the levee to travel along the levee to the east {-0.12 AC}.
- k. [56] This quantity is based on the survey provided by Bayou Country Surveying {+5,306 CY}.
- l. [57] The quantity has been changed based on the comparison of the initial and final surveys {-2,495 CY}.
- m. [59] This quantity was increased based addition of two bollards per SCP {+2 EA}.
- n. [61] (A.) Expanded road and turnaround to accommodate maintenance and construction of levees and future Paradis Gate {+286.63 CY}. (B.) Addition of road is required to have connection with future Magnolia Ridge levee (separate contract) road for continuous parallel levee access roads. Ramp is required for crossing the levee to travel along the levee to the east {+285 CY}.
- o. [62] (A.) Expanded road and turnaround to accommodate maintenance and construction of levees and future Paradis Gate {+1,146.53 SY}. (B.) Addition of road is required to have connection with future Magnolia Ridge levee (separate contract) road for continuous parallel levee access roads. Ramp is required for crossing the levee to travel along the levee to the east {+700 SY}. (C.) Addition of the geotextile fabric under the roadway to promote drainage of rainwater away from the roadway {+1085 SY}.
- p. [63] (A.) Expanded road and turnaround to accommodate maintenance and construction of levees and future Paradis Gate {+127.39 CY}. (B.) Addition of road is required to have connection with future Magnolia Ridge levee (separate contract) road for continuous parallel levee access roads. Ramp is required for crossing the levee to travel along the levee to the east {+150 CY}.
- q. [65] The quantity has been changed based on the comparison of the initial and final surveys {+2,535 CY}.
- r. [66] Reduced quantity only needed to complete the project {-197,600 LF}.
- s. [67] Reduced quantity only needed to complete the project {-228 CY}.

4. Change in Contract Time

This change order includes a time extension of seventy-five (75) calendar days, increasing the current 500 calendar days contract time to 575 calendar days and extending the expected completion date from APRIL 25, 2019 to JULY 9, 2019. Fifty-five (55) days of the requested seventy-five (75) day time extension is due to the added work from Work Change Directives #02, 04, 06, 07, 08, 09, 10, 12, 14, 15, and 16. Twenty (20) of the requested seventy-five (75) day time extension is added due to inclement weather that caused a disruption of work at the project site.

CHANGE IN CONTRACT PRICE:
Original Contract Price \$ <u>10,199,228.00</u>
Net Increase (Decrease) from previous Change Orders No. <u> </u> to <u> </u> : \$ <u>0.00</u>
Contract Price prior to this Change Order: \$ <u>10,199,228.00</u>
Net increase (decrease) of this Change Order: \$ <u>-70,905.36</u>
Contract Price with all approved Change Orders: \$ <u>10,128,322.64</u>

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: <u>April 25, 2019</u> Ready for final payment: <u>June 9, 2019</u>
Net change from previous Change Orders No. <u> </u> to No. <u> </u> : Substantial Completion: <u> </u> Ready for final payment: <u> </u>
Contract Times prior to this Change Order: Substantial Completion: <u>April 25, 2019</u> Ready for final payment: <u>June 9, 2019</u>
Net increase (decrease) this Change Order: Substantial Completion: <u>+75</u> Ready for final payment: <u>+75</u> (days)
Contract Times with all approved Change Orders: Substantial Completion: <u>July 9, 2019</u> Ready for final payment: <u>Upon Issuance of Certificate of Final Acceptance</u>

RECOMMENDED:

By: [Signature]
ENGINEER (Authorized Signature)

Date: 05/14/20

APPROVED:

By: _____
OWNER (Authorized Signature)

Date: _____

ACCEPTED:

By: [Signature]
CONTRACTOR (Authorized Signature)

Date: 5/8/20

Magnolia Drainage Pump Station: Rain Days

Sunday, December 17, 2017	Sunday, April 22, 2018	Saturday, August 11, 2018
Monday, December 18, 2017	Thursday, April 26, 2018	Sunday, August 12, 2018
Wednesday, December 20, 2017	Saturday, May 5, 2018	Sunday, August 16, 2015
Saturday, December 23, 2017	Friday, May 18, 2018	Friday, August 17, 2018
Tuesday, December 26, 2017	Thursday, May 24, 2018	Saturday, August 18, 2018
Wednesday, December 27, 2017	Friday, May 25, 2018	Sunday, August 19, 2018
Thursday, December 28, 2017	Saturday, May 26, 2018	Monday, August 20, 2018
Sunday, December 31, 2017	Sunday, May 27, 2018	Thursday, August 30, 2018
Sunday, January 7, 2018	Monday, June 4, 2018	Friday, August 31, 2018
Thursday, November 8, 2018	Tuesday, June 5, 2018	Saturday, September 1, 2018
Tuesday, January 9, 2018	Friday, June 8, 2018	Sunday, September 2, 2018
Thursday, January 11, 2018	Sunday, June 10, 2018	Monday, September 3, 2018
Friday, January 12, 2018	Monday, June 11, 2018	Tuesday, September 4, 2018
Saturday, January 20, 2018	Tuesday, June 12, 2018	Tuesday, September 11, 2018
Monday, January 22, 2018	Wednesday, June 13, 2018	Thursday, September 13, 2018
Saturday, January 27, 2018	Thursday, June 14, 2018	Monday, September 24, 2018
Saturday, February 3, 2018	Friday, June 15, 2018	Wednesday, September 26, 2018
Tuesday, February 6, 2018	Sunday, June 17, 2018	Thursday, September 27, 2018
Wednesday, February 7, 2018	Monday, June 18, 2018	Saturday, September 29, 2018
Thursday, February 8, 2018	Tuesday, June 19, 2018	Monday, October 1, 2018
Saturday, February 10, 2018	Saturday, June 30, 2018	Monday, October 8, 2018
Sunday, February 11, 2018	Monday, July 2, 2018	Tuesday, October 9, 2018
Monday, February 12, 2018	Tuesday, July 3, 2018	Monday, October 15, 2018
Thursday, February 15, 2018	Thursday, July 5, 2018	Tuesday, October 16, 2018
Saturday, February 17, 2018	Friday, July 6, 2018	Saturday, October 20, 2018
Monday, February 19, 2018	Saturday, July 7, 2018	Monday, October 22, 2018
Tuesday, February 20, 2018	Sunday, July 8, 2018	Tuesday, October 23, 2018
Friday, February 23, 2018	Monday, July 9, 2018	Thursday, October 25, 2018
Sunday, February 25, 2018	Tuesday, July 10, 2018	Thursday, November 1, 2018
Monday, February 26, 2018	Thursday, July 12, 2018	Sunday, November 4, 2018
Monday, March 5, 2018	Monday, July 16, 2018	Monday, November 5, 2018
Tuesday, March 6, 2018	Tuesday, July 17, 2018	Friday, November 2, 2018
Saturday, March 10, 2018	Wednesday, July 18, 2018	Wednesday, November 7, 2018
Sunday, March 11, 2018	Friday, July 27, 2018	Friday, November 9, 2018
Monday, March 12, 2018	Saturday, July 28, 2018	Monday, November 12, 2018
Tuesday, March 13, 2018	Sunday, July 29, 2018	Tuesday, November 13, 2018
Friday, March 16, 2018	Tuesday, July 31, 2018	Sunday, November 18, 2018
Thursday, March 29, 2018	Friday, August 3, 2018	Tuesday, November 20, 2018
Wednesday, April 4, 2018	Saturday, August 4, 2018	Sunday, November 25, 2018
Saturday, April 7, 2018	Tuesday, August 7, 2018	Thursday, November 29, 2018
Sunday, April 8, 2018	Thursday, August 9, 2018	Friday, November 30, 2018
Saturday, April 14, 2018	Friday, August 10, 2018	Saturday, December 1, 2018

Magnolia Drainage Pump Station: Rain Days

Saturday, December 8, 2018	Thursday, February 28, 2019
Thursday, December 13, 2018	Friday, March 1, 2019
Wednesday, December 19, 2018	Sunday, March 3, 2019
Thursday, December 20, 2018	Friday, March 15, 2019
Wednesday, December 26, 2018	Saturday, March 16, 2019
Thursday, December 27, 2018	Thursday, April 4, 2019
Friday, December 28, 2018	Friday, April 5, 2019
Saturday, December 29, 2018	Saturday, April 13, 2019
Sunday, December 30, 2018	Thursday, April 18, 2019
Monday, December 31, 2018	Thursday, April 25, 2019
Monday, January 1, 2019	Saturday, May 4, 2019
Wednesday, January 2, 2019	Wednesday, May 8, 2019
Thursday, January 3, 2019	Thursday, May 9, 2019
Saturday, January 12, 2019	Friday, May 10, 2019
Thursday, January 17, 2019	Saturday, May 11, 2019
Saturday, January 19, 2019	Sunday, May 12, 2019
Wednesday, January 23, 2019	Saturday, May 18, 2019
Monday, January 28, 2019	Sunday, May 19, 2019
Tuesday, January 29, 2019	Monday, June 3, 2019
Friday, February 1, 2019	Wednesday, June 5, 2019
Monday, February 11, 2019	Thursday, June 6, 2019
Tuesday, February 12, 2019	Friday, June 7, 2019
Sunday, February 17, 2019	Saturday, June 15, 2019
Monday, February 18, 2019	Monday, June 17, 2019
Tuesday, February 19, 2019	Tuesday, June 18, 2019
Wednesday, February 20, 2019	Monday, June 24, 2019
Friday, February 22, 2019	Saturday, June 29, 2019
Saturday, February 23, 2019	Wednesday, July 10, 2019
Monday, February 25, 2019	Friday, July 12, 2019
Tuesday, February 26, 2019	Saturday, July 13, 2019
Wednesday, February 27, 2019	Sunday, July 14, 2019
188	
Total Days Affected by Inclement Weather	
20	
Contract Days Added Due to Inclement Weather	