

CHANGE ORDER SUMMARY
 NORMAN UTILITIES AUTHORITY
 CITY OF NORMAN
 CLEVELAND COUNTY, OKLAHOMA

DATE: May 25, 2018

CHANGE ORDER NO.: One (1)

CONTRACT NO.: K-1617-121-29

PROJECT: Norman WTP - Expansion/Rehabilitation Phase II

CONTRACTOR: Foley Company
7501 East Front Street, Kansas City, MO 64120

Contract Time

Substantial Completion

Final Completion

| | | |
|-------------------------|--------------------------|--------------------------|
| ORIGINAL: | <u>700</u> Calendar Days | <u>730</u> Calendar Days |
| PREVIOUS CHANGE ORDERS: | <u>0</u> Calendar Days | <u>0</u> Calendar Days |
| THIS CHANGE ORDER: | <u>87</u> Calendar Days | <u>87</u> Calendar Days |
| REVISED AMOUNT: | <u>787</u> Calendar Days | <u>817</u> Calendar Days |

| | | |
|---------------------------|-----------------------|------------------------|
| ORIGINAL START DATE: | <u>May 29, 2017</u> | <u>May 29, 2017</u> |
| ORIGINAL COMPLETION DATE: | <u>April 29, 2019</u> | <u>May 29, 2019</u> |
| PREVIOUS COMPLETION DATE: | <u>April 29, 2019</u> | <u>May 29, 2019</u> |
| NEW COMPLETION DATE: | <u>July 25, 2019</u> | <u>August 24, 2019</u> |

Contract Amount

| | |
|-------------------------|------------------------|
| ORIGINAL CONTRACT: | <u>\$29,990,165.00</u> |
| PREVIOUS CHANGE ORDERS: | <u>\$0.00</u> |
| THIS CHANGE ORDER: | <u>\$207,727.96</u> |
| REVISED CONTRACT: | <u>\$30,197,892.96</u> |

| Item Description | \$ Increase | \$ Decrease |
|--|--------------------|--------------------|
| As-bid to As-built quantity adjustments: Pier quantity changes (bid items 2, 3, and 12). | \$0.00 | \$249,508.00 |
| PCO1: The Work consists generally of adding or modifying four manholes and increasing chemical drain pipe length with 21 calendar days as an addition of to the Contract Time. | \$9,554.41 | \$0.00 |
| PCO2: The Work consists generally of eliminating the temporary LAS system and modifying the existing ammonia system for continued use during construction with no change to the Contract Time. | \$0.00 | \$7,451.85 |
| PCO3: The Work consists generally of adding a sewer pump station and other modifications at the maintenance building with 7 calendar days as an addition of to the Contract Time. | \$35,415.59 | \$0.00 |
| PCO5: The Work consists generally of adding 4-inch buried butterfly valve near SCC4 with 1 calendar days as an addition of to the Contract Time. | \$4,961.83 | \$0.00 |
| PCO6: The Work consists generally of adding duct fire dampers in the four new locations in ozone building as required by Building Permit review with no calendar days as an addition of to the Contract Time. | \$3,376.00 | \$0.00 |
| PCO7: The Work consists generally of UV transformer changes with no change to Contract Time. | \$0.00 | \$9,763.95 |
| PCO8: The Work consists generally of modifying the potable water piping near the Ozone Building with no calendar days as an addition of to the Contract Time. | \$3,286.99 | \$0.00 |
| PCO9: The Work consists generally of providing wide flange beams instead of joists at 5 locations the Chemical and Ozone Building with 8 calendar days as an addition of to the Contract Time. | \$38,035.07 | \$0.00 |
| PCO10: The Work consists generally of modifying the filter effluent piping so that only partial shutdowns are necessary with 14 calendar days as an addition of to the Contract Time. | \$22,882.00 | \$0.00 |
| PCO11: The Work consists generally of changes between the original design of OSHG and actual submitted equipment with no change in Contract Time. | \$0.00 | \$4,407.90 |
| PCO12: The Work consists generally of providing green tinted glass (Atlantica) at the Administration Building with no change in Contract Time. | \$3,292.28 | \$0.00 |
| PCO13: The Work consists generally of changes to the stair locations (which impacted other features in design) through permit review with no change in Contract Time. | \$3,065.63 | \$0.00 |
| PCO14: The work generally includes connecting drain from existing vault to new HPZ vault and electrical and instrumentation work associated with sump pumps with additional 4 days of change in Contract Time. | \$26,299.12 | \$0.00 |
| PCO16: The work generally includes increasing size of plunger valve with no change in Contract Time. | \$8,578.94 | \$0.00 |
| PCO18: The work generally includes rerouting of existing conduit found during excavation of new clearwell drain pump station with additional 3 days as a change in Contract Time. | \$15,448.86 | \$0.00 |

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| PCO19: The Work consists generally of relocating the ARV on the 48-inch FE header inside the UV building with no change to Contract Time. | \$5,315.05 | \$0.00 |
| PCO20: The Work consists generally of increasing utility water supply to the CO2 system and adding push water to SCC 1 and SCC2 ferric sulfate systems along with yard piping replacement/changes with 5 calendar days as an addition of to the Contract Time. | \$47,607.59 | \$0.00 |
| PCO21: The Work consists generally of increasing the strength of the retaining wall to accommodate a wall with higher groundwater level and increased soil pressure soil loadings than originally anticipated (increased height, increased footer, increased rebar, and drainage behind wall) with 7 calendar days as an addition of to the Contract Time. | \$57,352.37 | \$0.00 |
| PCO23: The Work consists generally of replacing a portion of the existing SCC1 and SCC2 influent pipe with HDPE pipe due to corrosion, adding push water for chemical injection (to further reduce potential for corrosion), add sump pump, as well as electrical and I&C modifications. | \$94,314.92 | \$0.00 |
| PCO24: The work generally providing NSF compliant ozone and chlorine sample pumps with no additional days as a change in Contract Time. | \$658.20 | \$0.00 |
| PCO25: The Work consists generally of modifying the Lime aging tank room layout to provide better maintenance access in future as well as electrical and I&C modifications with 7 calendar days as an addition of to the Contract Time. | \$54,357.37 | \$0.00 |
| PCO27: The work generally includes installing new wiring from the electrical building to lagoon pumps with no additional contract time. | \$17,252.12 | \$0.00 |
| PCO28: The work generally includes relocating the HPZ surge vault to accommodate more robust retaining wall design to accommodate higher groundwater level and increased soil pressure as well as additional work on retaining wall. | \$27,805.32 | \$0.00 |

SUBMITTED BY
CONTRACTOR:


Foley Company

Date: 7/5/18

RECOMMENDED BY
CONSULTING ENGINEER:


Carollo Engineers, Inc.

Date: 07/03/18

APPROVED AS TO
FORM AND LEGALITY:

City Attorney

Date: _____

ACCEPTED BY
NORMAN UTILITIES AUTHORITY:

Chairman

Date: _____