

JAY ENGINEERING COMPANY, INC.

P.O. Box 1220
Leander, TX 78646 (512) 259-3882
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Texas Registered Engineering Firm F-4780

CHANGE ORDER

ORDER NO.: 2
DATE: February 25, 2021
AGREEMENT DATE: February 5, 2020

NAME OF PROJECT: Wilbarger Creek Wastewater Treatment and Collection System Improvements, Phase 2

OWNER: City of Manor

CONTRACTOR: Austin Engineering Company, Inc.

The following changes are hereby made to the CONTRACT DOCUMENTS:

1. Justification:

- Item No. 1 - Add 3 EA Change Order Item C.O.2-1, 4' dia. WW Manhole 0'-6' w/ Raven Coating and bypass, complete and in place @ \$4,750.00/EA
- Item No. 2 - Add 3.7 VF Change Order Item C.O.2-2, 4' dia. WW Manhole Extra Depth w/ Raven Coating and bypass, complete and in place @ \$500.00/VF
- Item No. 3 - Add 1 EA Change Order Item C.O.2-3, 6' dia. WW Manhole 0'-6' w/ Raven Coating and bypass, complete and in place @ \$6,500.00/EA
- Item No. 4 - Add 16.2 VF Change Order Item C.O.2-4, 6' dia. WW Manhole Extra Depth w/ Raven Coating and bypass, complete and in place @ \$1,100.00/VF
- Item No. 5 - Add 4 HR Change Order Item C.O.2-5, Polyurethane Grout Injection to stop wet well water leaks @ \$598/HR
- Item No. 6 - Add 3 GAL Change Order Item C.O.2-6, Polyurethane Grout @ \$240/GAL

2. Change to CONTRACT PRICE:

Original CONTRACT PRICE: \$1,931,100.00
Current CONTRACT PRICE adjusted by previous CHANGE ORDER \$1,970,396.00
The CONTRACT PRICE due to this CHANGE ORDER will be increased or (decreased) by: \$43,532.00
New CONTRACT PRICE including this CHANGE ORDER will be: \$2,013,928.00

3. Change to CONTRACT TIME:

No change to contract time.

Approvals Required:

To be effective, this order must be signed by all parties to the Agreement if it changes the scope or objective of the PROJECT, or as may otherwise be required by the SUPPLEMENTAL GENERAL CONDITIONS.

Recommended by: Frank T. Phelan, P.E. Signed: Frank T. Phelan
Engineer

Ordered by: _____ Signed: _____
Owner

Accepted by: Austin Keller
Contractor

Signed





Austin Engineering Co., Inc.

Constructors and Engineers

3317 Ranch Road 620 North
P. O. Box 342349
Austin, Texas 78734-2349
(512) 327-1765 - FAX
(512) 327-1464 May 11,

Re: Wilbarger Creek WW Treatment and Collection System Imp Ph 2 February 19, 2021

Manhole and Wet Well Rehabilitation

The existing manholes located at the Carrie-Manor site are severely deteriorated and in need of immediate attention. We also observed a water leak inside the wet well of the Creekside Lift station.

Below is an alternate proposal for completely replacing the manholes at Carrie-Manor in lieu of just rehabilitation.

Replacement of wastewater manholes including Raven Coating and bypass:

- 4' dia WW manhole 0-6' 3 Ea @ \$4,750/ Ea = \$14,250
- Extra Depth 4' Manhole 3.7 VF @ \$500/VF = \$1,850.00
- 6' dia WW Manhole 0-6' 1 Ea @ \$6,500.00/Ea = \$6,500.00
- Extra Depth 6' Manhole 16.2 VF @ \$1100.00/VF= \$17,820.00

Wastewater Manhole replacement Total = \$40,420.00

Water Control in Creekside Wet Well:

Injection of polyurethane grout to stop water leaks in Manhole.....	\$598/hr
Polyurethane grout.....	\$240/gal

Thank you,

Austin Engineering Co., Inc
Austin Keller, V.P.