

PO # 163654
DMS

CHANGE ORDER

FORT BEND COUNTY ENGINEERING

- Distribution:
- FBC Engineering
 - FBC Judge
 - FBC Purchasing
 - Contractor
 - Consultant

Address: 301 Jackson Street
Richmond, Texas 77469

Phone: 281-633-7500

Fax: 281-342-7366

Web site: www.FortBendCountyTx.gov

PROJECT:
LUDWIG LANE -
FROM DULLES
TO BRAND

CHANGE ORDER NUMBER 3

DATE 08-09-19

PROJECT NUMBER 13208

CONTRACT FOR FORT BEND COUNTY

CONTRACT DATE 05-14-2018

FBC PURCHASE ORDER NO 163654

CONTRACTOR:
CONRAD CONSTRUCTION CO., LTD.
P.O. BOX 841134
HOUSTON, TEXAS 841134

The contract is changed as follows:
 OVERRUN ITEMS SUBTOTAL = \$33,417.55 (0 DAYS), DEDUCT ITEMS SUBTOTAL = - \$240,440.70 (0 DAYS), NEW ITEM FOR INSTALL NEW CUSTOM RESIDENTIAL AND COMMERCIAL MAIL BOXES AS REQUESTED BY FBC, DUE TO PROPOSED SIDEWALK RELOCATION, FOR LENGTH OF PROJECT = \$6,000.00 (0 DAYS).
 CHANGE ORDER NUMBER 3 = \$33,417.55 - \$240,440.70 + \$6,000.00 = -\$201,023.15

Not valid until signed by Fort Bend County and Contractor.

The Original (**Contract Sum**) \$ 1,815,430.50 ✓

Net change by previously authorized Change Orders \$ 45,195.06 ✓

The (**Contract Sum**) Prior to this Change Order was \$ 1,860,625.56 ✓

The (**Contract Sum**) will be increased **or** decreased **or** unchanged by this Change Order in the amount of \$ 201,023.15

The new (**Contract Sum**) including this Change Order will be \$ 1,659,602.41 ✓

The Contract Time will be increased **or** decreased **or** unchanged by 0 days.
 The Date of Substantial Completion as of this Change Order therefore is
 changed **or** unchanged to 06-14-19.

Authorized:

Fort Bend County Engineering
J Stacy Slawinski, P.E.
301 Jackson
Richmond, Texas 77469

CONTRACTOR

Fort Bend County Judge
Honorable KP George
301 Jackson St., #719
Richmond, Texas 77469

By: *J Stacy Slawinski*
(signature)
DATE: 8/14/19

By: *[Signature]*
(signature)
DATE: 8/12/19

By: _____
(signature)
DATE: _____

FROM: CONRAD CONSTRUCTION CO., LTD.
P.O. BOX 841134
HOUSTON, TEXAS 77284

TO: FORT BEND COUNTY
ENGINEERING DEPARTMENT
301 JACKSON, 4TH FLOOR
RICHMOND, TEXAS 77469
ATTN: STACY SLAWINSKI, P.E. - COUNTY ENGINEER
REF: LUDWIG LANE - RECONSTRUCTION - FBC NO. 13208
PROJ #: BID #18-043 , CC # 18/0312 , P.O. # 163654
DATE: 8/8/19

FINAL QUANTITY ADJUSTMENT - OVERRUN

ITEM DESCRIPTION OVERRUN	UNIT	BID QUANTITY	BID COST	BID TOTAL	NEW QUANTITY	BID COST	NEW BID TOTAL	TOTAL CHANGE IN PRICE
GENERAL ITEMS								
8. REMOVE AND DISPOSE OF EXISTING CONCRETE OR METAL PIPE (18" - 36")	LF	785.00	\$ 12.00	\$ 9,420.00	844.00	\$ 12.00	\$ 10,128.00	\$708.00
15. REMOVING AND DISPOSING OF EXIST. ASPHALTIC SURFACE AND BASE MATERIAL	SY	3973.00	\$ 5.00	\$ 19,865.00	3998.91	\$ 5.00	\$ 19,994.55	\$129.55
WATER LINE ITEMS								
21. 8-INCH GATE VALVE & BOX	EA	2.00	\$ 2,000.00	\$ 4,000.00	4.00	\$ 2,000.00	\$ 8,000.00	\$4,000.00
28. ADJUST SAN. SEWER MANHOLE	EA	5.00	\$ 1,000.00	\$ 5,000.00	7.00	\$ 1,000.00	\$ 7,000.00	\$2,000.00
STORM SEWER ITEMS								
30. TRENCH SAFETY SYSTEMS, 5'-10" DPTH., INSTALL, MAINTAIN TRENCHES	LF	1492.00	\$ 1.00	\$ 1,492.00	1854.00	\$ 1.00	\$ 1,854.00	\$362.00
36. PRECAST CONCRETE STANDARD MANHOLE FOR 42-IN. DIA. AND SMALLER SEWERS	EA	6.00	\$ 3,250.00	\$ 19,500.00	7.00	\$ 3,250.00	\$ 22,750.00	\$3,250.00
TRAFFIC CONTROL ITEMS								
55. WORK ZONE PAVEMENT MARKINGS (YELLOW BUTTON REMOVABLE) FURNISHED, APPLIED AND REMOVED	EA	300.00	\$ 4.00	\$ 1,200.00	601.00	\$ 4.00	\$ 2,404.00	\$1,204.00
58. WORK ZONE PAVEMENT MARKINGS (TYPE I-A) FURNISHED, APPLIED AND REMOVED	EA	100.00	\$ 6.00	\$ 600.00	594.00	\$ 6.00	\$ 3,564.00	\$2,964.00
59. TEMPORARY COMMERCIAL DRIVEWAYS - FURNISH, INSTALL & REMOVE	EA	9.00	\$ 800.00	\$ 7,200.00	13.00	\$ 800.00	\$ 10,400.00	\$3,200.00
60. TEMPORARY RESIDENTIAL DRIVEWAYS - FURNISH, INSTALL & REMOVE	EA	25.00	\$ 600.00	\$ 15,000.00	27.00	\$ 600.00	\$ 16,200.00	\$1,200.00
61. TRAFFIC CONTROL - FURNISH, INSTALL & REMOVE	MO	10.00	\$ 3,000.00	\$ 30,000.00	14.00	\$ 3,000.00	\$ 42,000.00	\$12,000.00
STORM WATER POLLUTION PREVENTION PLAN ITEMS								
86. SWPPP INSPECTION AND MAINTENANCE (MIN. BID REQUIRED)	MO	10.00	\$ 500.00	\$ 5,000.00	14.00	\$ 500.00	\$ 7,000.00	\$2,000.00
EXTRA UNIT ITEMS								
90. MAINTENANCE AND CLEANUP OF THE PROJECT SITE INCLUDING MOWING	MO	10.00	\$ 100.00	\$ 1,000.00	14.00	\$ 100.00	\$ 1,400.00	\$400.00
OVERRUN SUBTOTAL								\$33,417.55

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FINAL QUANTITY ADJUSTMENT - DEDUCT

ITEM DESCRIPTION DEDUCT	UNIT	BID QUANTITY	BID COST	BID TOTAL	NEW QUANTITY	BID COST	NEW BID TOTAL	TOTAL CHANGE IN PRICE
GENERAL ITEMS								
3. REMOVING OLD CONCRETE PAVEMENT (ALL DEPTHS, INCLUDE. ALL SAWCUTS)	SY	229.00	\$ 10.00	\$ 2,290.00	225.03	\$ 10.00	\$ 2,250.30	-\$39.70
4. REMOVING OLD CONCRETE, 6" REINF. CONCRETE CURB (REMOVAL AND DISPOSAL)	LF	118.00	\$ 5.00	\$ 590.00	100.00	\$ 5.00	\$ 500.00	-\$90.00
5. REMOVING OLD CONCRETE, (DRIVEWAYS) (ALL DEPTHS INCLUDE. ALL SAWCUTS)	SY	475.00	\$ 7.50	\$ 3,562.50	454.15	\$ 7.50	\$ 3,406.13	-\$156.37
9. REMOVE AND DISPOSE OF EXISTING CONCRETE OR METAL PIPE (2" - 16")	LF	84.00	\$ 12.00	\$ 1,008.00	0.00	\$ 12.00	\$ -	-\$1,008.00
11. REMOVAL AND DISPOSAL OF MANHOLES (ALL DEPTHS)	EA	3.00	\$ 500.00	\$ 1,500.00	2.00	\$ 500.00	\$ 1,000.00	-\$500.00
12. REMOVAL AND DISPOSAL OF EXIST. FENCE INCL. GATE STRUCTURES (ALL TYPES AND HEIGHTS)	LF	1800.00	\$ 3.00	\$ 5,400.00	175.00	\$ 3.00	\$ 525.00	-\$4,875.00
14. TREE PROTECTION AND TRIMMING	LS	1.00	\$ 100.00	\$ 100.00	0.00	\$ 100.00	\$ -	-\$100.00
WATER LINE ITEMS								
22. 12-INCH GATE VALVE & BOX	EA	2.00	\$ 3,250.00	\$ 6,500.00	1.00	\$ 3,250.00	\$ 3,250.00	-\$3,250.00
24. NEAR SIDE SERVICE TAP AND WATER METER	EA	20.00	\$ 500.00	\$ 10,000.00	18.00	\$ 500.00	\$ 9,000.00	-\$1,000.00
25. FAR SIDE SERVICE TAP AND WATER METER	EA	20.00	\$ 750.00	\$ 15,000.00	9.00	\$ 750.00	\$ 6,750.00	-\$8,250.00
29. RELOCATION OF SANITARY SEWER LEADS (2'- 4") W/ 6-INCH LEADS	EA	31.00	\$ 600.00	\$ 18,600.00	18.00	\$ 600.00	\$ 10,800.00	-\$7,800.00
STORM SEWER ITEMS								
31. REINFORCED CONCRETE PIPE, C76 CLASS III, RUBBER GASKET (24")	LF	275.00	\$ 115.00	\$ 31,625.00	202.00	\$ 115.00	\$ 23,230.00	-\$8,395.00
32. REINFORCED CONCRETE PIPE, C76 CLASS III, RUBBER GASKET (30")	LF	406.00	\$ 142.00	\$ 57,652.00	398.00	\$ 142.00	\$ 56,516.00	-\$1,136.00
33. REINFORCED CONCRETE PIPE, C76 CLASS III, RUBBER GASKET (36")	LF	207.00	\$ 190.00	\$ 39,330.00	204.00	\$ 190.00	\$ 38,760.00	-\$570.00
34. REINFORCED CONCRETE PIPE, C76 CLASS III, RUBBER GASKET (42")	LF	109.00	\$ 235.00	\$ 25,615.00	105.00	\$ 235.00	\$ 24,675.00	-\$940.00
35. REINFORCED CONCRETE PIPE, C76 CLASS III, RUBBER GASKET (48")	LF	495.00	\$ 275.00	\$ 136,125.00	486.00	\$ 275.00	\$ 133,650.00	-\$2,475.00
41. REINFORCED CONCRETE SLOPE PAVING (INCLUDING CEMENT STAB, SAND BEDDING)	SY	100.00	\$ 80.00	\$ 8,000.00	40.76	\$ 80.00	\$ 3,260.80	-\$4,739.20
42. CCTV INSPECTION OF STM. SEWER	LS	1.00	\$ 4,500.00	\$ 4,500.00	0.00	\$ 4,500.00	\$ -	-\$4,500.00
PAVEMENT ITEMS								
43. LIME STABILIZED SUBGRADE MANIPULATION, 8" DEPTH (FOR CONCRETE PAVEMENT AND CONCRETE DRIVEWAY)	SY	8358.00	\$ 3.00	\$ 25,074.00	6555.93	\$ 3.00	\$ 19,667.79	-\$5,406.21
44. HYDRATED LIME (SLURRY APPLIED) FOR STABILIZATION	TON	226.00	\$ 185.00	\$ 41,810.00	133.33	\$ 185.00	\$ 24,666.05	-\$17,143.95
45. REINFORCED CONCRETE PAVEMENT 8" DEPTH	SY	5200.00	\$ 66.00	\$ 343,200.00	5045.05	\$ 66.00	\$ 332,973.30	-\$10,226.70

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ENGINEERING DEPARTMENT
301 JACKSON, 4TH FLOOR
RICHMOND, TEXAS 77469
ATTN: STACY SLAWINSKI, P.E. - COUNTY ENGINEER
REF: LUDWIG LANE - RECONSTRUCTION - FBC NO. 13208
PROJ #: BID #18-043 , CC # 18/0312 , P.O. # 163654
DATE: 8/8/19

FINAL QUANTITY ADJUSTMENT - DEDUCT

ITEM DESCRIPTION DEDUCT	UNIT	BID QUANTITY	BID COST	BID TOTAL	NEW QUANTITY	BID COST	NEW BID TOTAL	TOTAL CHANGE IN PRICE
46. REINFORCED CONCRETE PAVEMENT HIGH EARLY STRENGTH - 8" DEPTH	SY	360.00	\$ 70.00	\$ 25,200.00	242.04	\$ 70.00	\$ 16,942.80	-\$8,257.20
47. REINFORCED CONCRETE PAVEMENT HIGH EARLY STRENGTH - 8" DEPTH FOR DRIVEWAYS	SY	1900.00	\$ 62.50	\$ 118,750.00	1151.80	\$ 62.50	\$ 71,987.50	-\$46,762.50
48. CONCRETE CURB INSTALL 6-INCH CONCRETE CURB	LF	2000.00	\$ 3.00	\$ 6,000.00	1567.00	\$ 3.00	\$ 4,701.00	-\$1,299.00
49. 6" CONCRETE CURB DOWELED ON EXISTING PAVEMENT	LF	100.00	\$ 8.00	\$ 800.00	17.00	\$ 8.00	\$ 136.00	-\$664.00
50. 7" AND GREATER CONCRETE CURB (LOW PROFILE RETAINING WALL)	LF	200.00	\$ 50.00	\$ 10,000.00	0.00	\$ 50.00	\$ -	-\$10,000.00
51. 4-1/2" CONCRETE SIDEWALK	SY	1175.00	\$ 58.00	\$ 68,150.00	1121.86	\$ 58.00	\$ 65,067.88	-\$3,082.12
52. CONCRETE ADA RAMP (ALL TYPES INCLUDING TRUNCATED DOMES)	SY	50.00	\$ 120.00	\$ 6,000.00	39.11	\$ 120.00	\$ 4,693.20	-\$1,306.80
53. FENCE INCLUDING GATE STRUCTURES (ALL TYPES, HEIGHTS, GATES, SLIDING GATES AND ORNAMENTAL FENCING)	LF	1800.00	\$ 10.00	\$ 18,000.00	185.00	\$ 10.00	\$ 1,850.00	-\$16,150.00
54. INSTALL NEW RESIDENTIAL AND COMMERCIAL MAIL BOXES (ALL TYPES AND HEIGHTS)	EA	40.00	\$ 75.00	\$ 3,000.00	0.00	\$ 75.00	\$ -	-\$3,000.00
TRAFFIC CONTROL ITEMS								
56. WORK ZONE PAVEMENT MARKINGS WHITE BUTTON REMOVABLE) FURNISHED, APPLIED AND REMOVED	EA	300.00	\$ 4.00	\$ 1,200.00	122.00	\$ 4.00	\$ 488.00	-\$712.00
57. WORK ZONE PAVEMENT MARKINGS (TY I-C) FURNISHED, APPLIED AND REMOVED	EA	100.00	\$ 6.00	\$ 600.00	67.00	\$ 6.00	\$ 402.00	-\$198.00
62. TRAFFIC CONTROL - FURNISH, INSTALL & REMOVE PORTABLE CHANGEABLE MESSAGE SIGNS (TWO SIGNS) FOR ADVANCE WARNING AND TRAFFIC DIRECTION SWITCH	MO	1.00	\$ 5,000.00	\$ 5,000.00	0.50	\$ 5,000.00	\$ 2,500.00	-\$2,500.00
63. CONSTRUCTING DETOURS FOR TWO-WAY TRAFFIC (8" BLACK BASE) FOR INSTALLING, MAINTAINING & REMOVAL	SY	2405.00	\$ 5.00	\$ 12,025.00	756.11	\$ 5.00	\$ 3,780.55	-\$8,244.45
SIGNING AND STRIPING ITEMS								
66. ALUMINUM SIGNS (GROUND MOUNTED) FURNISH AND INSTALL	EA	12.00	\$ 375.00	\$ 4,500.00	5.00	\$ 375.00	\$ 1,875.00	-\$2,625.00
67. REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) 4" YELLOW DASHED - FURNISH & APPLIED (15' OVER 40')	LF	720.00	\$ 2.00	\$ 1,440.00	405.00	\$ 2.00	\$ 810.00	-\$630.00
69. REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) 4" YELLOW SOLID - FURNISH & APPLIED	LF	3140.00	\$ 1.00	\$ 3,140.00	1715.00	\$ 1.00	\$ 1,715.00	-\$1,425.00
70. REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) 24" WHITE SOLID - FURNISH & APPLIED	LF	300.00	\$ 12.00	\$ 3,600.00	298.00	\$ 12.00	\$ 3,576.00	-\$24.00
71. 12" YELLOW CURB PAINT FOR MEDIANS	LF	500.00	\$ 4.00	\$ 2,000.00	0.00	\$ 4.00	\$ -	-\$2,000.00
72. REFLECTORIZED PAVEMENT MARKINGS TYPE I (THERMOPLASTIC) SINGLE ARROW LEFT - FURNISH & APPLIED	EA	6.00	\$ 125.00	\$ 750.00	4.00	\$ 125.00	\$ 500.00	-\$250.00

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REF: LUDWIG LANE - RECONSTRUCTION - FBC NO. 13208
PROJ #: BID #18-043 , CC # 18/0312 , P.O. # 163654
DATE: 8/8/19

FINAL QUANTITY ADJUSTMENT - DEDUCT

ITEM DESCRIPTION DEDUCT	UNIT	BID QUANTITY	BID COST	BID TOTAL	NEW QUANTITY	BID COST	NEW BID TOTAL	TOTAL CHANGE IN PRICE
74. NON-REFLECTORIZED PAVEMENT MARKERS FURNISH AND INSTALL	EA	200.00	\$ 4.00	\$ 800.00	0.00	\$ 4.00	\$ -	-\$800.00
75. REFLECTORIZED PAVEMENT MARKERS TYPE I-C FURNISH AND INSTALL	EA	80.00	\$ 5.00	\$ 400.00	44.00	\$ 5.00	\$ 220.00	-\$180.00
76. REFLECTORIZED PAVEMENT MARKERS TYPE II-A-A FURNISH AND INSTALL	EA	160.00	\$ 6.00	\$ 960.00	113.00	\$ 6.00	\$ 678.00	-\$282.00
STORM WATER POLLUTION PREVENTION PLAN ITEMS								
78. SODDING FOR EROSION CONTROL (VARIOUS WIDTHS), C.I.P.	SY	3930.00	\$ 4.50	\$ 17,885.00	1400.00	\$ 4.50	\$ 6,300.00	-\$11,385.00
79. HYDROMULCH SEEDING	AC	0.95	\$ 1,750.00	\$ 1,662.50	0.00	\$ 1,750.00	\$ -	-\$1,662.50
80. TPDES PERMIT NO. TXR 150000, NOTICE OF INTENT (NOI) APPLICATION FEES (CONTRACTOR'S NOI FEE & FORT BEND COUNTY'S NOI FEE, EACH FEE SHALL BE SET AT \$325.00)	EA	1.00	\$ 325.00	\$ 325.00	0.00	\$ 325.00	\$ -	-\$325.00
82. INLET PROTECTION BARRIER (STAGE 1, WITH REINFORCED FILTER FABRIC FENCE - 60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	EA	20.00	\$ 125.00	\$ 2,500.00	14.00	\$ 125.00	\$ 1,750.00	-\$750.00
83. STABILIZED CONSTRUCTION ACCESS (TYPE 1 ROCK, 60% OF UNIT COST FOR FURNISH AND INSTALLATION AND 40% OF UNIT COST FOR REMOVAL)	SY	460.00	\$ 10.00	\$ 4,600.00	230.00	\$ 10.00	\$ 2,300.00	-\$2,300.00
85. INLET PROTECTION BARRIER (FOR STAGE II INLETS , GRAVEL BAGS, 60% OF UNIT COST FOR FURNISH AND INSTALLATION, 40% OF UNIT COST FOR REMOVAL)	EA	20.00	\$ 125.00	\$ 2,500.00	16.00	\$ 125.00	\$ 2,000.00	-\$500.00
EXTRA UNIT ITEMS								
87. 6-INCH NON-REINFORCED SEAL SLAB	SY	100.00	\$ 1.00	\$ 100.00	0.00	\$ 1.00	\$ -	-\$100.00
88. WELL POINTING SYSTEM WELL POINTING (MIN. BID \$15.00)	LF	500.00	\$ 15.00	\$ 7,500.00	0.00	\$ 15.00	\$ -	-\$7,500.00
89. CONSTRUCTION SAFETY FENCE	LF	1000.00	\$ 1.50	\$ 1,500.00	0.00	\$ 1.50	\$ -	-\$1,500.00
91. UNIFORM PEACE OFFICER (MIN. \$25.00 BID)	HR	866.00	\$ 25.00	\$ 21,650.00	9.00	\$ 25.00	\$ 225.00	-\$21,425.00
DEDUCT SUBTOTAL								-\$240,440.70

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FINAL QUANTITY ADJUSTMENT - NEW ITEMS

ITEM DESCRIPTION NEW ITEMS	UNIT	BID QUANTITY	BID COST	BID TOTAL	NEW QUANTITY	BID COST	NEW BID TOTAL	TOTAL CHANGE IN PRICE
CHANGE ORDER NUMBER 3								
101. INSTALL NEW CUSTOM RESIDENTIAL AND COMMERCIAL MAIL BOXES AS REQUESTED BY FBC. DUE TO PROPOSED SIDEWALK RELOCATION.	EA	0.00	\$ -	\$ -	30.00	\$ 200.00	\$ 6,000.00	\$6,000.00
NEW ITEMS SUBTOTAL								\$6,000.00

CHANGE ORDER NUMBER 3	
OVERRUN SUBTOTAL =	\$33,417.55
DEDUCT SUBTOTAL =	-\$240,440.70
NEW ITEMS SUBTOTAL =	\$6,000.00
CHANGE ORDER NUMBER 3 TOTAL =	-\$201,023.15