

Project: **24" HDPE TRANSMISSION MAIN LOOP 20 AIRPORT TO BUSTAMANTE**

Contractor: Southern Trenchless Solutions
 1200 W. Expressway 83
 La Feria, Texas 78559

You are hereby requested to comply with the following changes from the contract plans and specifications.
 This document shall become an amendment to the contract and all provisions of the contract shall apply thereto.

INCREASE IN CONTRACT DOCUMENT

ITEM No.	DESCRIPTION	QTY	UNIT	UNIT PRICE	INCREASE IN CONTRACT PRICE
CREDITS FROM ORIGINAL PROPOSAL					
	24" HDPE Fusible Pipe / 21" TO 24" Open Cut Installation Sewer/Water (0'-6' Deep)	-14800	LF	\$ 220.00	\$ (3,256,000.00)
	Open Cut Extra Depth Add-ON Sewer/Water	-14800	LF	\$ 4.00	\$ (59,200.00)
	Trench Safety	-14800	LF	\$ 15.00	\$ (222,000.00)
	Installation of New Fire Hydrant	-10	LF	\$ 7,800.00	\$ (78,000.00)
	Access Pit (0'-8' Deep)	-2	EA	\$ 4,500.00	\$ (9,000.00)
	Repair/Rehab 2" Asphalt repair	-3,200.00	SY	\$ 142.19	\$ (455,008.00)
	Connect to existing 8" to 16" waterline	-2.00	EA	\$ 5,500.00	\$ (11,000.00)
	36" Bore with Steel/PVC/HOPE Casing	-400	LF	\$ 879.00	\$ (351,600.00)
	Remove and Replace Existing Concrete (Driveway, sidewalks, C&G, Etc.)	-1,600	LF	\$ 136.00	\$ (217,600.00)
	24" BUTTERFLY VALVE & BOX	-3	EA	\$ 17,000.00	\$ (51,000.00)
	24" 11.25 deg BEND,	-2	EA	\$ 2,400.00	\$ (4,800.00)
	24" 22.5 deg BEND,	-2	EA	\$ 2,400.00	\$ (4,800.00)
	24" 45 deg BEND	-6	EA	\$ 2,400.00	\$ (14,400.00)
	24" 90 deg BEND	-5	EA	\$ 2,600.00	\$ (13,000.00)
	24" x 24" TEE	-4	EA	\$ 4,500.00	\$ (18,000.00)
	24" x 8" TEE	-1	EA	\$ 3,200.00	\$ (3,200.00)
	Air Release Valve Complete	-4	EA	\$ 5,500.00	\$ (22,000.00)
	CASINGS FOR CROSSING (STORM,SANITARTY, ETC)	-100	LF	\$ 290.00	\$ (29,000.00)
	SOD/SEDDING	-1	LS	\$ 45,791.84	\$ (45,791.84)
	TOTAL OF CREDITS FROM ORIGINAL PROPOSAL				\$ (4,865,399.84)
PHASE 1 BUSTAMANTE WATERLINE IMPROVEMENTS (0+00 - 22+57.03)					
	24" PVC C900 PIPE	2257	LF	\$ 441.20	\$ 995,788.40
	Open Cut Extra Depth Add-ON Sewer/Water	2257	LF	\$ 10.00	\$ 22,570.00
	TRENCH SAFETY PROTECTION	2257	LF	\$ 25.00	\$ 56,425.00
	Traffic Control	10	DAY	\$ 880.96	\$ 8,809.60
	Casing for crossing (Storm, Sanitary, etc.)	40	LF	\$ 265.00	\$ 10,600.00
	Remove and Replace existing concrete (0+00-2+50)	2,000.00	SF	\$ 30.00	\$ 60,000.00
	24" 11.25 Degree Bend	456.9714161	LBS	\$ 45.83	\$ 20,943.00
	24" 22.25 Degree Bend	511.903626	LBS	\$ 41.92	\$ 21,459.00
	24" 90 Degree Bend	128.9846806	LBS	\$ 122.72	\$ 15,829.00
	24" X 24" Tee	1368.722539	LBS	\$ 14.02	\$ 19,189.49
	24" Air Release Valve	1	EA	\$ 15,290.63	\$ 15,290.63
	Saw Cut 7ft width	2287	LF	\$ 18.00	\$ 41,166.00
	Cement Staballized Caliche	700	TONS	\$ 150.00	\$ 105,000.00
	Asphalt Typ B 5"	1778.777778	SY	\$ 67.00	\$ 119,178.11
	24" INTERCONNECTION POINT (0+00) CUT STEEL CASING	1	EA	\$ 15,000.00	\$ 15,000.00
	INLET PROTECTION	5	EA	\$ 250.00	\$ 1,250.00
	TOTAL FOR BUSTAMANTE WATERLINE IMPROVEMENTS (0+00 - 22+57.03)				\$ 1,528,498.23

PHASE 2 AIRPORT WATERLINE IMPROVEMENTS PVC FROM STATION 22+57 TO 103+74				
PVC / 21" TO 24" Open Cut Insallation Sewer/Water (0'-6' DEEP)	8140	LF	\$ 262.20	\$ 2,134,308.00
Trench Safety	8140	LF	\$ 5.00	\$ 40,700.00
Blow off hydrant Testing	4	EA	\$ 6,800.00	\$ 27,200.00
24" 11.25 deg BEND,	1827.486911	LBS	\$ 15.28	\$ 27,924.00
24" 22.5 deg BEND,	1534.978541	LBS	\$ 13.98	\$ 21,459.00
24" 45 deg BEND,	1109.202454	LBS	\$ 65.20	\$ 72,320.00
24" 90 deg BEND,	129	LBS	\$ 122.71	\$ 15,829.00
24" Air Release Valve	2	EA	\$ 14,823.51	\$ 29,647.02
16" ButterFly Valve	0	EA	\$ 9,283.00	\$ -
Saw Cut Asphalt and Repair	111	SY	\$ 135.00	\$ 15,000.00
24" x 16" Tee	0	EA	\$ 9,562.00	\$ -
Low Profile Barricades	1735	LF	\$ 25.00	\$ 43,375.00
Casing for crossing (Storm, Sanitary, etc.)	40	LF	\$ 265.00	\$ 10,600.00
Silt fence	1300	LF	\$ 6.00	\$ 7,800.00
TOTAL WATERLINE IMPROVEMENTS PVC FROM STATION 22+57 TO 103+74				\$2,446,162.02
24" PVC C900 STATION 103+74 TO 127+20				
24" PVC C900 PIPE	2346	LF	\$ 322.20	\$ 755,881.20
Open Cut Extra Depth Add-ON Sewer/Water	2346	LF	\$ 6.00	\$ 14,076.00
TRENCH SAFETY PROTECTION	2346	LF	\$ 25.00	\$ 58,650.00
Potholing for Nearby Utility Location 0'-8' deep up to four hour durati	4	EA	\$ 825.00	\$ 3,300.00
24" 11.25 deg BEND,	3	EA	\$ 6,981.00	\$ 20,943.00
Blow off hydrant for testing	1	EA	\$ 6,800.00	\$ 6,800.00
CONCRETE ENCASEMENT	20	LF	\$ 250.00	\$ 5,000.00
Airport Entrance Open Trench	1	LS	\$ 50,000.00	\$ 50,000.00
TIE-INTO EXITING AIRPORT 12" WATERLINE	1	EA	\$ 3,775.00	\$ 3,775.00
12" GATE VALVE	2	EA	\$ 6,800.00	\$ 13,600.00
24X12 TEE	2	EA	\$ 10,491.09	\$ 20,982.18
HAUL OFF EXCESS DIRT	1750	CY	\$ 25.00	\$ 43,750.00
12" PVC C900 PIPE	50	LF	\$ 206.00	\$ 10,300.00
24" 22.5 deg BEND,	2	EA	\$ 7,153.00	\$ 14,306.00
Furnish & Install Silt Fence	240	LF	\$ 6.00	\$ 1,440.00
12" PLUG	1	EA	\$ 3,700.00	\$ 3,700.00
12" PVC C900 PIPE RESTRAINED	20	LF	\$ 261.50	\$ 5,230.00
SAW-CUT REMOVE EXIST. CONCRETE REPLACE WITH CALICHE	1590	SF	\$ 24.00	\$ 38,160.00
36" Steel Encasement		LF	\$ 265.00	\$ -
TRAFFIC CONTROL	5	DAY	\$ 880.96	\$ 4,404.80
SAW-CUT REMOVE EXIST. CONCRETE REPLACE WITH CALICHE	1050	SF	\$ 24.00	\$ 25,200.00
TOTAL WATERLINE 24" PVC C900 STATION 103+74 TO 127+20				\$ 1,099,498.18

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TOTAL WATERLINE 24" PVC C900 STATION 127+20 TO 138+40				
24" PVC C900 PIPE	1157	LF	\$ 322.20	\$ 372,785.40
Open Cut Extra Depth Add-ON Sewer/Water	1157	LF	\$ 10.00	\$ 11,570.00
TRENCH SAFETY PROTECTION	1157	LF	\$ 25.00	\$ 28,925.00
8" PVC C900 PIPE	20	LF	\$ 88.00	\$ 1,760.00
6" PVC C900 PIPE	40	LF	\$ 77.00	\$ 3,080.00
24" 11.25 deg BEND,	2	EA	\$ 6,981.00	\$ 13,962.00
Steel Plates	1	LS	\$ 8,000.00	\$ 8,000.00
36" Steel Encasement		LF	\$ 565.00	\$ -
TRAFFIC CONTROL	10	DAY	\$ 880.96	\$ 8,809.60
SAW-CUT REMOVE AND RECONSTRUCT EXISTING PAVEMENT	753	SF	\$ 161.50	\$ 121,609.50
24" 45 deg BEND,	6	EA	\$ 7,232.00	\$ 43,392.00
FIRE HYDRANT ASSEMBLY COMPLETE	5	EA	\$ 12,704.00	\$ 63,520.00
24" BUTTERFLY VALVE & BOX	0	EA	\$ 17,000.00	\$ -
24" x 24" TEE	1368.72	EA	\$ 14.02	\$ 19,189.45
24" INTERCONNECTION POINTS	1	EA	\$ 15,000.00	\$ 15,000.00
STA 128+49 12" PREP FOR FUTURE EXTENSION				
12" PVC C900 PIPE (8'-16" DEEP) RESTRAINED	50	LF	\$ 251.50	\$ 12,575.00
12" GATE VALVE	1	EA	\$ 6,800.00	\$ 6,800.00
24X12 TEE	1	EA	\$ 10,491.09	\$ 10,491.09
12" PLUG	1	EA	\$ 3,700.00	\$ 3,700.00
BUILDING ONE 128+15				
Proposed water meter	2	EA	\$ 4,000.00	\$ 8,000.00
Remove and Relocate	1	EA	\$ 4,000.00	\$ 4,000.00
Abandon exiting service	1	EA	\$ 3,500.00	\$ 3,500.00
2" REDUCED PRESSURE BACKFLOW PREVENTER	2	EA	\$ 2,200.00	\$ 4,400.00
Tie existing line to the building	2	EA	\$ 3,500.00	\$ 7,000.00
2" SINGLE LONG SERVICE	2	EA	\$ 4,500.00	\$ 9,000.00
6" GATE VALVE	1	EA	\$ 4,450.00	\$ 4,450.00
24 X 6 TEE	478	LBS	\$ 17.05	\$ 8,149.90
TIE EX. 6" FIRELINE WITH A EXISTING DOUBLE BACKFLOW PREVENTOR	1	EA	\$ 12,804.32	\$ 12,804.32
Potholing for Nearby Utility Location 0'-8' deep up to four hour d	3	EA	\$ 825.00	\$ 2,475.00
BUILDING 2 TYPICAL DETAIL FOR WATERLINE TIE INTO EXIST. WATER SERVICE/ FIRE LINE DETAIL STA: 132+28				
Proposed water meter	1	EA	\$ 4,000.00	\$ 4,000.00
Remove and Relocate	1	EA	\$ 4,000.00	\$ 4,000.00
Abandon exiting service	1	EA	\$ 3,500.00	\$ 3,500.00
2" REDUCED PRESSURE BACKFLOW PREVENTER	1	EA	\$ 2,200.00	\$ 2,200.00
Tie existing line to the building	1	EA	\$ 3,500.00	\$ 3,500.00
2" SINGLE LONG SERVICE	1	EA	\$ 4,500.00	\$ 4,500.00
6" GATE VALVE	1	EA	\$ 4,450.00	\$ 4,450.00
24 X 6 TEE	478	LBS	\$ 17.05	\$ 8,149.90
TIE EX. 6" FIRELINE WITH A EXISTING DOUBLE BACKFLOW PREVENTOR	1	EA	\$ 12,804.32	\$ 12,804.32
Potholing for Nearby Utility Location 0'-8' deep up to four hour d	3	EA	\$ 825.00	\$ 2,475.00
BUILDING 2 TYPICAL DETAIL FOR WATERLINE TIE INTO EXIST. WATER SERVICE/ STA 132+86				
Proposed water meter	1	EA	\$ 4,000.00	\$ 4,000.00
Remove and Relocate	1	EA	\$ 4,000.00	\$ 4,000.00
Abandon exiting service	1	EA	\$ 3,500.00	\$ 3,500.00
2" REDUCED PRESSURE BACKFLOW PREVENTER	1	EA	\$ 2,200.00	\$ 2,200.00
Tie existing line to the building	1	EA	\$ 3,500.00	\$ 3,500.00
2" SINGLE LONG SERVICE	1	EA	\$ 4,500.00	\$ 4,500.00
8" GATE VALVE	1	EA	\$ 4,450.00	\$ 4,450.00
24 X 8 TEE	478	lbs	\$ 17.05	\$ 8,149.90
TIE EX. 8" FIRELINE WITH A EXISTING DOUBLE BACKFLOW PREVENTOR	1	EA	\$ 12,804.32	\$ 12,804.32
Potholing for Nearby Utility Location 0'-8' deep up to four hour d	3	EA	\$ 825.00	\$ 2,475.00
WATERLINE 24" PVC C900 STATION 127+20 TO 138+40				\$ 908,106.70

Total..... \$1,116,865.30

Original Contingency Allowance \$ 400,000.00
Contingency Allowance No. 1 \$400,000.00
Contingency Allowance No. 2 :
Contingency Allowance Total Remain: \$0.00

Original Contract: \$ 5,773,625.00
Change Order No. 1 \$716,865.30
Current contract amount : \$ 6,490,490.30

Original Contract Time:
12.42% Contingency Allowance No. 1
Total Contract Time

	Calendar days
	Calendar days
	Calendar days

Requested by: Date: _____

Southern Trenchless Solutions

Approved by: Date: _____

Joseph Neeb
City Manager

Attest:

Mario Maldonado, Jr.
City Secretary

Approved by: Date: _____

Arturo Garcia, Jr. P.E.
Utilities Director

Approved as to Form:

Doanh "Zone" T. Nguyen
City Attorney