



PROPOSAL

DATE:4/19/2021

T.E. ROBERTS, INC.

306 W. KATELLA AVENUE
 UNIT B
 ORANGE, CA 92867
 PHONE (714) 669-0072 FAX (714) 200-0241

TO:
 THAXTON VAN BELLE
 CHIEF PLANT OPERATOR
 CITY OF BEAUMONT

FOR: BRINELINE MONITOR / MANHOLE WORK

ATTN: THAXTON / BRAD

DESCRIPTION	UNIT	QTY	TOTAL (ESTIMATE)
NOT TO EXCEED 5 WORKING DAYS			
LABOR: FIVE WORKING DAYS LABOR 5-MAN CREW	1	LS	\$19,000.00
EQUIPMENT: CREW TRUCKS, FALL PROTECTION, GAS MONITORING, CONFINED SPACE ENTRY & TRAFFIC CONTROL.	1	LS	\$2,220.00
MATERIALS: SEE ATTACHED	1	LS	\$9,237.95
EXCLUDES: PERMITS, TRAFFIC CONTROL PLANS, SURFACE RESTORATION OF ANY KIND, CONSTRUCTION WATER, ANY REPLACEMENT PARTS NOT COVERED BY WARRANTY, ANY INSPECTION FEES. <ul style="list-style-type: none"> • \$4,448.56 ADDED AS COVERAGE FOR UNKNOWN CONDITIONS OR REQUIREMENT TO PERFORM WORK. • JOB WILL BE BILLED AS T & M UP TO NTE AMOUNT. • IF NTE DOES NOT COVER CHANGES, TER WILL CONTACT BEAUMONT PRIOR TO PROCEEDING FOR AUTHORIZATION. • IF COST DOES NOT EXCEED THIS ESTIMATE, ONLY ACTUAL T & M WILL BE BILLED. 			
NOT TO EXCEED TOTAL			\$35,000.00

EXCLUDES:

1. PERMITS, BONDS, INSPECTION FEES, CONNECTION FEES, ASSESSMENT FEES, ENGINEERING FEES, ALL OTHER FEES.
2. ENGINEERING, STAKING AND COMPACTION TESTING.
3. CONCRETE, ASPHALT OR LANDSCAPE REPLACEMENTS.
4. CONSTRUCTION WATER AND METER. (MINIMUM 2" SERVICE LINE REQUIRED)
5. TRAFFIC CONTROL PLAN, K-RAIL OR FENCING.
6. SLURRY, CONCRETE BACKFILL OR ENCASEMENTS UNLESS SPECIFIED IN OUR BID PROPOSAL.
7. TRAFFIC LOOPS, STRIPING OR RAISED PAVEMENT MARKERS.
8. ROCK, HARDPAN, EXCESSIVELY HARD GROUND EXCAVATION, OR SCREENING OF BACKFILL.
9. IMPORTED BACKFILL AND DRYING OF TRENCH EXCAVATED MATERIAL THAT HAS OVER OPTIMUM MOISTURE CONTENT.
10. DEWATERING OF ANY GROUNDWATER.
11. DEMOLITION OF EXISTING ONSITE IMPROVEMENTS UNLESS SPECIFIED IN OUR BID PROPOSAL.
12. EROSION CONTROL AND SWPPP.
13. TUNNELING OF EXISTING UTILITIES NOT SHOWN ON PLANS.

THANK YOU FOR THE OPPORTUNITY TO PROVIDE A PROPOSAL FOR THIS PROJECT!

ACCEPTED BY:

DATE

LABOR	RATE/HR	QTY	REG AMT	OT RATE	QTY	OT AMT	DT RATE	DT HRS	DT AMT	TOTAL
SUPERINTENDENT	-	145.00	-	217.50	-	-	290.00	-	-	-
FOREMAN	40.00	119.50	40.00	4,780.00	179.25	-	239.00	-	-	4,780.00
PIPELAYER/Asphalt wkr	40.00	99.00	40.00	3,960.00	148.50	-	198.00	-	-	3,960.00
LABORER ()	80.00	95.00	80.00	7,600.00	142.50	-	190.00	-	-	7,600.00
TRUCK DRIVER ()	-	91.50	-	137.25	-	-	183.00	-	-	-
EQPT OPERATOR ()	-	115.00	-	172.50	-	-	230.00	-	-	-
WELDER	-	99.50	-	149.25	-	-	199.00	-	-	-
PROJECT MANAGER	-	136.25	-	204.38	-	-	272.50	-	-	-
	160.00		160.00		-					
SUBTOTAL										\$16,340.00
15% MARKUP										\$2,451.00
LABOR TOTAL										\$18,791.00
EQUIPMENT										
SERVICE TRUCK ()		40.00	40.00	1,600.00						1600.00
ARROWBOARD		15.50	40.00	620.00						620.00
EQPT TOTAL										\$2,220.00
MATERIAL										
						Sub Total	Tax	AMOUNT	15%	TOTAL
UWW						8033.00		8033.00	1204.95	9237.95
MATERIAL TOTAL										\$9,237.95

SCOPE OF WORK REQUESTED COVERED IN THIS ESTIMATE:

Beaumont Brineline

Mitigation Work – March 2021

It appears that the brineline is not getting enough air venting in/out of the system to provide steady, smooth flow throughout the system. To allow additional air in and out of the pipeline, the following actions are recommended.

- 1) At STA 137+00, STA 325+00 and STA 379+00, Remove blind flange and install blind flange with 2-in dia. tap and 1-ft long stand-pipe mounted on the blind flange in manholes. A low head air valve may be installed here in the future.
- 2) At STA 268+55, remove blind flange on tee if installed.
- 3) Clear or reset alarms at STA 279+00 and STA 232+00

It appears that the siphon at STA 125+20 will surcharge above the manhole level under typical flows, therefore, at this location, install a blind flange with 2-in dia. tap and a 2" dia. pipe extending to 2.0' below the rim elevation. Reset the low alarm in the space and level with the existing blind flange, reset the high alarm level with the top of the 2" pipe.

There are two existing alarms on the system at STA 232+00 and 279+00, may need to reset floats and/or pump out any water in the manhole.

There are three communication failures on the system at STA 125+20, 521+00 and on Reach 1 STA 560+45. I recommend that these issues are resolved.

Future high flows:

In the future, if flows are anticipated to exceed 750 gpm, the siphon created by the 'E' Street/Santa Ana River bridge will surcharge further upstream. Therefore, the manholes (4) associated with the siphons at Redlands Blvd/San Timoteo Creek (STA 115 +/-) and Redlands Blvd/Gage Canal (STA 124 +/-) will need to be sealed and low head air valves installed at the high points (STA 114+62 and 123+20).



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Los Angeles / Ventura

1-888-4-UNITED



Acknowledgement

ORDER DATE	ORDER NUMBER
04/16/2021	S100096747

SOLD TO:

T.E. ROBERTS INC.
306 W KATELLA AVE
UNIT B
ORANGE, CA 92867

SHIP TO:

5830 CITY OF BEAUMONT
550 E 6TH STREET
BEAUMONT, CA 92223

PAGE NUMBER	PO NUMBER	JOB NAME	SALESPERSON	
1 of 1			Steve Hagman	
WRITER	SHIP VIA	TERMS	SHIP DATE	
Jerry Canada	OT OUR TRUCK	NET 30 DAYS PRELIM	05/10/2021	
ORDER QTY	ITEM NUMBER	DESCRIPTION	UNIT PRICE	EXT PRICE
7ea	FLBT16F	16" X 2" TAPPED BLIND FLG C110 *** Special Order Item ***	379.720/ea	2658.04
1ea	200-48GN	2" X 48" GALV NIPPLE	34.654/ea	34.65
6ea	200-12GN	2" X 12" GALV NIPPLE	13.065/ea	78.39
7ea	BBV200NL	2" IMPORT BRASS BALL VALVE FIP NO LEAD	45.877/ea	321.14
2ea	^D025TP02	2" D025 COMBO A&V, NYLON BODY, SS STEM COATING (EMWD) w/ 1 way valve *** Special Order Item ***	1603.850/ea	3207.70
7ea	NBS16	16" T316 SS NUT/BOLT SET *** Special Order Item ***	151.653/ea	1061.57
7ea	NARG16	16" NON ASB RING GSKT 1/16" *** Special Order Item ***	13.400/ea	93.80
			Subtotal	7455.29
			S&H Charges	0.00
			Tax	577.78
			Amount Due	8033.07