

SOUTH LAREDO LIFT STATION Solicitation Number: CO-00561 Job No.: 22-2503

ADDENDUM 2 June 27, 2022

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications, and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

CHANGES TO THE PLANS

- **1.** Sheet C-2 (4 of 51) <u>REMOVE and REPLACE</u> in its entirety.
- 2. Sheet C-3 (5 of 51) <u>REMOVE and REPLACE</u> in its entirety.
- **3.** Sheet C-4 (6 of 51) <u>REMOVE and REPLACE</u> in its entirety.

CHANGES TO SPECIFICATIONS

1. INVITATION TO BIDDERS. The dates/times in the paragraphs are hereby modified as follows:

"Due to the COVID-19 emergency and to protect the health of the public, SAWS is implementing new procedures for the submission of bids. Bids will be received either Electronically or through Sealed bids, until 1:00 PM (CDT), July 1, 2022. Electronic bids will be received via the secure SAWS FTP site. Sealed bids will be received by Contract Administration, 2800 U.S. Hwy 281 North, Tower II, Customer Center Building, via a drop box located on the left wall when walking through the first set of double glass doors of the main Tower II entry on the north side of the building, San Antonio, Texas 78212. See the Electronic Bid Opening Instructions attachment for additional information regarding an electronic bid submittal. Electronic bids shall be accompanied by a bid bond in an amount not less than five percent of the total bid price. (Or, if providing SAWS with a cashier's check or certified check in an amount not less than five percent of the total bid price, SAWS will request this within 24 hours from the apparent low bidder. Sealed bids must be accompanied by a cashier's check, certified check, or bid bond in an amount not less than five percent of the total bid price. Bids will then be publicly opened and read aloud by Contract Administration via WebEx.

If Bidders intend to submit bids electronically, Bidders will need to submit a request by **June 30, 2022** by **1:00 PM (CDT)** to receive access to the File Transfer Protocol (FTP) site via email to <u>Lindsay.Esquivel@saws.org</u>. Bidder's email requesting access to the FTP site shall provide the legal name of Bidder's company and the intended recipient's email address and phone number. No requests for FTP site access will be accepted after **June 30, 2022 by 1:00 PM (CDT)**.

Bid opening WebEx meeting will be held at 1:00 PM (CDT) on July 1, 2022."

CLARIFICATIONS

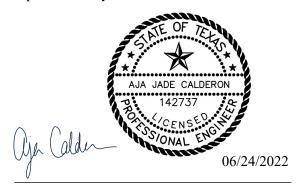
1. Contractor is to coordinate with Wet Well Wizard manufacturer for the location of the Wet Well Wizard inside the wet well. All accessories associated with the Wet Well Wizard, motor, hose, etc. shall be inclusive of Item No. 1 Lift Station lump sum.

END OF ADDENDUM

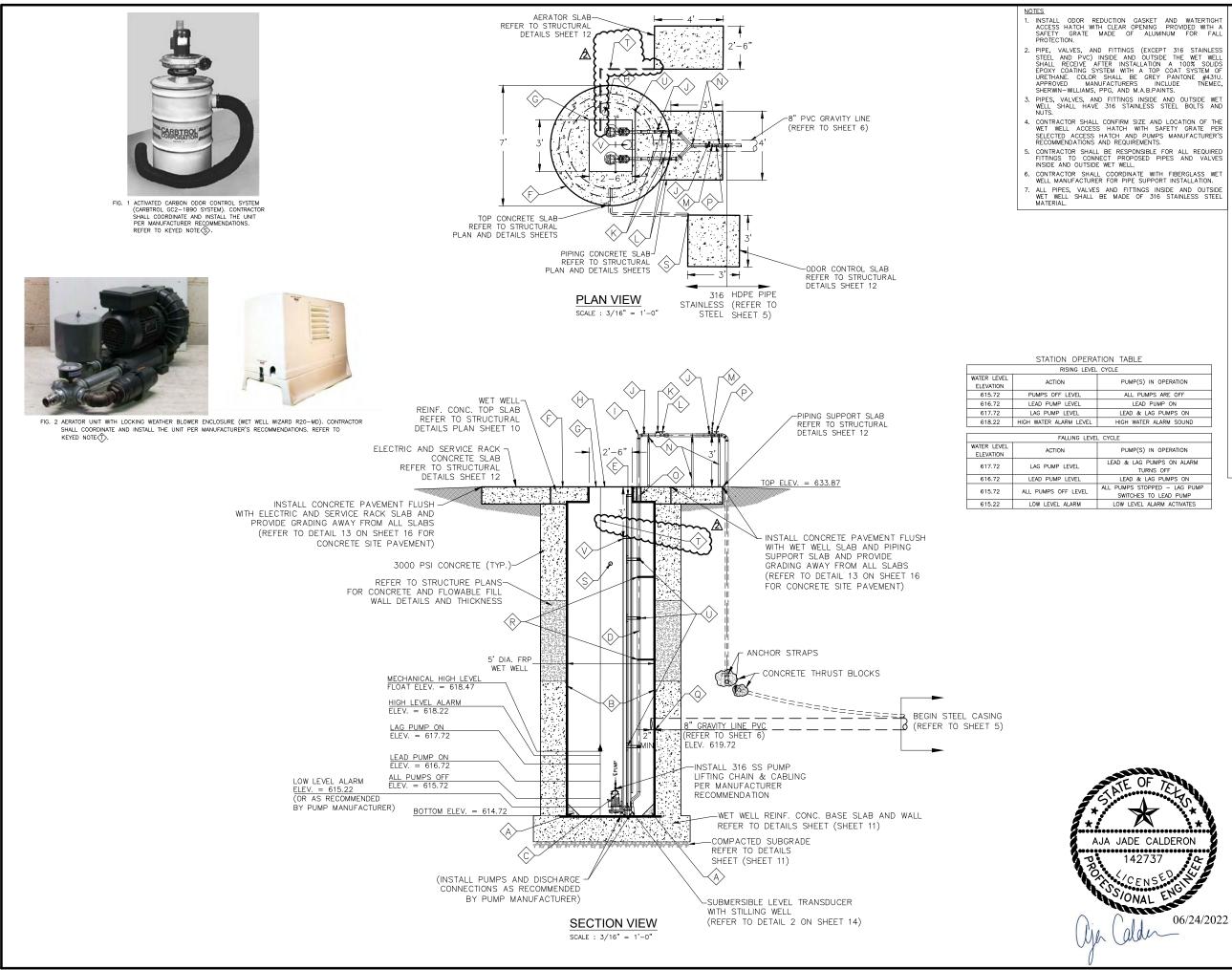
This Addendum, including these two (2) pages, is five (5) pages with attachments in its entirety.

Attachments:

- Sheet C-2 (4 of 51) Proposed Lift Station Plan and Section View
- Sheet C-3 (5 of 51) Proposed Force Main Layout
- Sheet C-4 (6 of 51) Proposed Gravity Main Sta 1+00 to Sta 4+00



Aja Jade Calderon, P.E. BGE, Inc. TBPE Registration No. F-1046



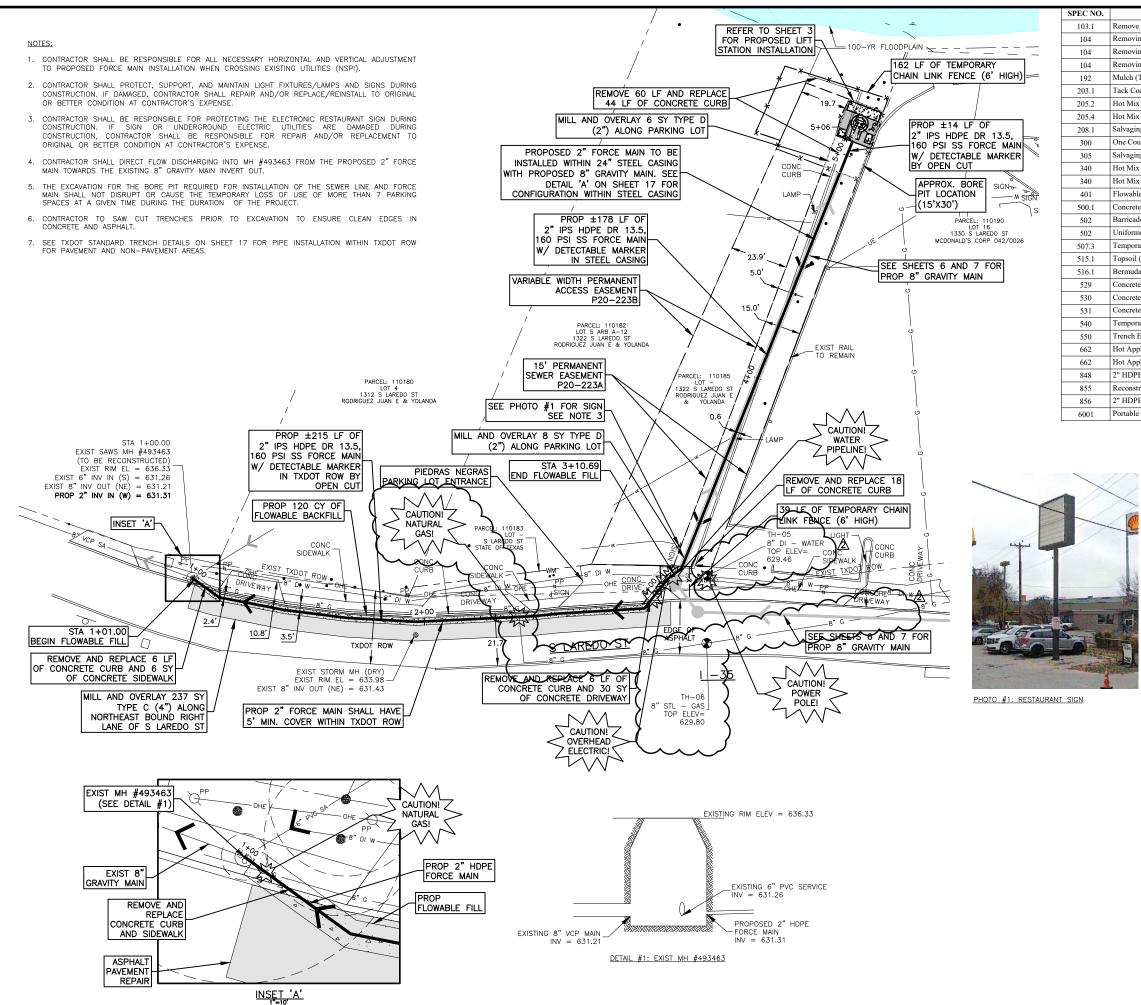
ING LEVEL CYCLE						
	PUMP(S) IN OPERATION					
EVEL	ALL PUMPS ARE OFF					
EVEL	LEAD PUMP ON					
IVEL	LEAD & LAG PUMPS ON					
M LEVEL	HIGH WATER ALARM SOUND					
LING LEVE	L CYCLE					
	PUMP(S) IN OPERATION					
EVEL	LEAD & LAG PUMPS ON ALARM TURNS OFF					
EVEL	LEAD & LAG PUMPS ON					
LEVEL	ALL PUMPS STOPPED – LAG PUMP SWITCHES TO LEAD PUMP					
ARM	LOW LEVEL ALARM ACTIVATES					

KEYED NOTES-PROPOSED

- CONTRACTOR SHALL ADJUST AND CONSTRUCT BOTTOM OF WE WELL SLAB AS REQUIRED TO INSTALL PROPOSED DISCHARG CONNECTION AND ANCHORS AND GROUT WET WELL FLOOR MIN. OF 10% TO PUMP. COORDINATE DIMENSIONS WITH PUMP: MANUFACTURER.
- INSTALL NEW FRP WET WELL COMPLETE WITH TOP AND BOTTOM CONCRETE SLABS AS SHOWN ON THIS SHEET. WET WELL SHALL HAVE A CLOSED BOTTOM. ®
- INSTALL 2 NEW SUBMERSIBLE GRINDER PUMPS. REFER TROPOSED PUMP DATA TABLE.
- INSTALL 2" 316 STAINLESS STEEL DISCHARGE PIPING.
- INSTALL 2 316 STAINLESS STEEL DISCHARGE PIPOL.
 INSTALL 316 STAINLESS STEEL UPPER AND INTERMEDIATE GUIDE BAR BRACKETS, GUIDE RAIL SUPPORT BARS, AND CABLE HOLDERS AS PER PUMP MANUFACTURER'S RECOMMENDATIONS REFER TO DETAIL 3 AND 4 ON SHEET 13.
 INSTALL NEW CONCRETE TOP SLAB AND PIPING SUPPORT SLAB. REFER TO STRUCTURAL PLAN AND DETAILS SHEETS.

- INSTALL PUMP ODOR REDUCTION GASKET AND WATERTIGH ACCESS HATCH WITH SAFETY GRATE. SAFETY GRATE SHAI OPEN TOWARDS THE DISCHARGE PIPING. REFER TO DETAIL 1 (SHEET 13.
- (F) INSTALL ODOR REDUCTION GASKET AND WATERTIGHT 4" DIA. 3 STAINLESS STEEL PLATE FLUSH WITH CONCRETE TOP SLAB. INSTALL 2-2" 90" BENDS 316 STAINLESS STEEL. \Diamond
- INSTALL PRESSURE GAUGE WITH ISOLATION BALL VALVE, MIN 2.5" DIAL, 5% ACCURACY, LIQUID FILLED. REFER TO DETAIL 5 ON SHEET 13. ð
- ☆ INSTALL 2-2" SWING TYPE CHECK VALVES 316 STAINLES: STEEL.
- INSTALL 2-2" NRS GATE VALVES 316 STAINLESS STEEL. INSTALL 316 STAINLESS STEEL PIPE SUPPORTS. REFER
- PROVIDE SEAL ON SLEEVED OR CORED DISCHARGE PIPE OPENINGS (LINK SEAL OR APPROVED EQUAL). REFER TO DETAIL 9 ON SHEET 13.
- ♦ INSTALL 2" GATE VALVE 316 STAINLESS STEEL ON FORCE MAIN CONTRACTOR SHALL CONNECT 8" GRAVITY MAIN TO PROPOSED FRP WET WELL.
- INSTALL PIPE SUPPORT 316 STAINLESS STEEL. REFER TO DETA 7 ON SHEET 13.
- ON SHEET 13. SINSTALL ACTIVATED CARBON ODOR CONTROL SYSTEM COMPLET WITH WEATHER SHROUD/SOUND ATTENUATION AND CONCRETE SLAB PER MANUFACTURER RECOMMENDATIONS (REFER TO SLA) DETAILS ON SHEET 12). INSTALL SUCTION HOSE WITH CARBTRO GC2-1890 SYSTEM (REFER TO CARBON CANISTER DETAILS ON CARBON CANISTER DETAILS OF CONSISTER DETAILS CONSISTER CONSISTER DETAILS SHEET 15). REFER TO ELECTRICAL SHEETS FOR POWER SUPPL AND CONNECTIONS. REFER TO FIGURE 1 THIS SHEET.
- AND CONNECTIONS, REPERTIO FIGURE 1 THIS SHEET. INSTALL WET WELL AERATOR COMPLETE WITH LOCKING WEATHER BLOWER ENCLOSURE AND CONCRETE SLAB PETALES ON SHEET 12). INSTALL WET WELL WIZARD R20-MD SYSTEM COMPLETE WITH AIR FEED HOSE, CONNECTIONS STATELESS STEEL HARDWARE AND EJECTOR (REFER TO AIR DIFFUSER DETAILS ON CARDYARE AND EJECTOR (REFER TO AIR DIFFUSER DETAILS ON CONTROL OF THE OTHER OF THE DIFFUSER DETAILS ON CONTROL OF THE OTHER OF THE DIFFUSER DETAILS ON CONTROL OF THE OTHER OF THE DIFFUSER DETAILS ON CONTROL OF THE OTHER OF THE DIFFUSER DETAILS ON CONTROL OF THE OTHER OF THE DIFFUSER DETAILS ON CONTROL OF THE OTHER OF THE DIFFUSER DETAILS ON CONTROL OF THE OTHER OF THE OTHER OF THE OTHER OF THE OTHER OF CONTROL OF THE OTHER OF THE OTHER OF THE OTHER OF THE OTHER OF CONTROL OF THE OTHER OF THE OTHER OF THE OTHER OF THE OTHER OF CONTROL OF THE OTHER OF THE OTHER OF THE OTHER OF THE OTHER OF CONTROL OF THE OTHER OF THE OTHER OF THE OTHER OF THE OTHER OF CONTROL OF THE OTHER OF THE OTHER OF THE OTHER OF THE OTHER OF CONTROL OF THE OTHER OF THE OTHER OF THE OTHER OF THE OTHER OF CONTROL OF THE OTHER OF CONTROL OF THE OTHER OF CONTROL OF THE OTHER OF CONTROL OF THE OTHER OTHER OF THE OTHER OTHER OTHER OTHER OTHER OF THE OTHER OT SHEET 15). REFER TO ELECTRICAL SHEETS FOR POWER SUPPL AND CONNECTIONS. REFER TO FIGURE 2 THIS SHEET.
- INSTALL 316 STAINLESS STEEL WET WELL PIPING SUPPOR BEAMS. REFER TO DETAIL 1 ON SHEET 14.
- ☆ INSTALL 8" SDR 26 PVC STILLING WELL. REFER TO DETAIL 2 OF SHEET 14.

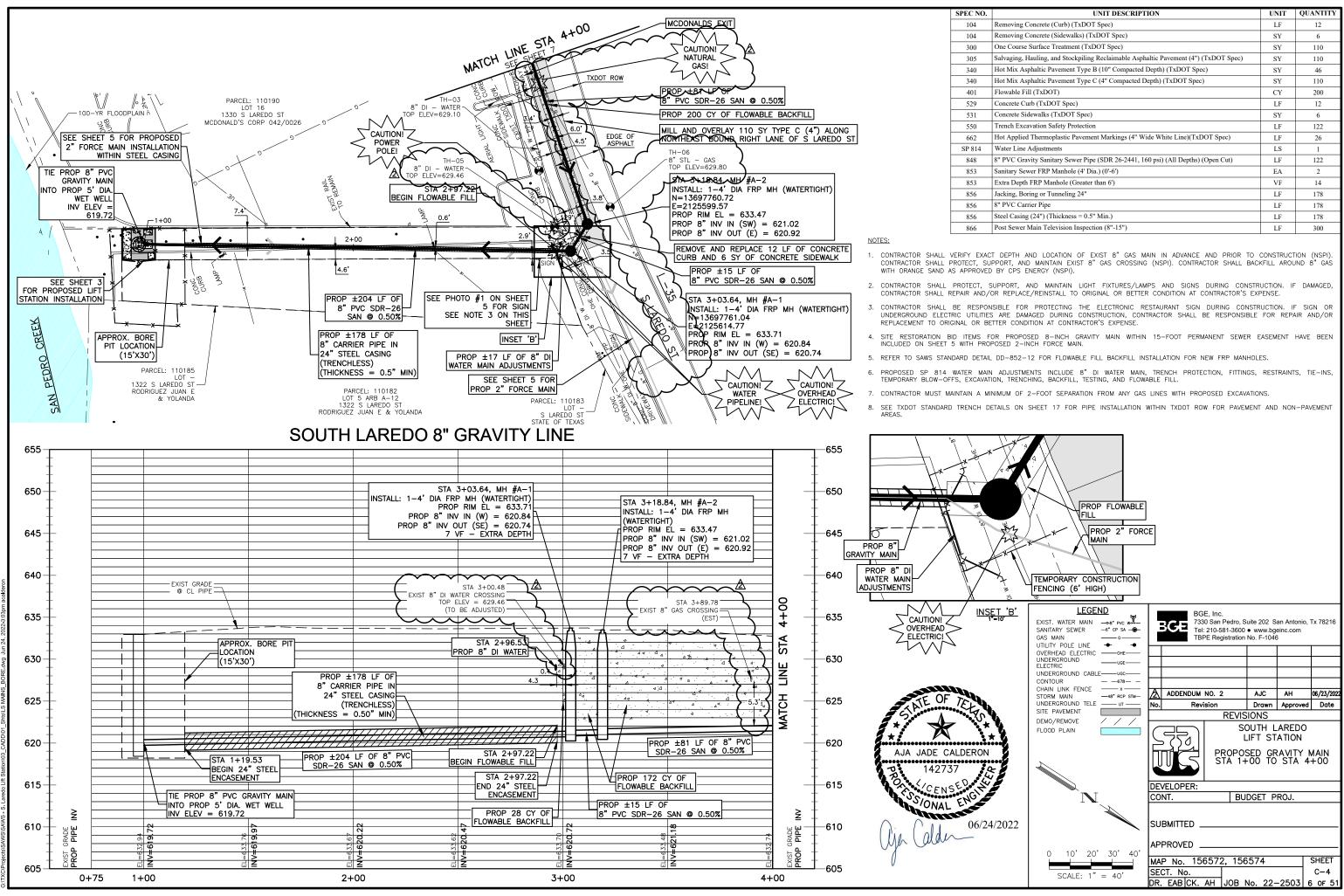
BGE, Inc. 7330 San Pedro, Suite 202 San Antonio, Tx 78216 Tel: 210-581-3600 • www.bgeinc.com TBPE Registration No. F-1046						
A	ADDENDUM	2	AJC	AH	06/24/2022	
No.	Revision			Drawn	Approve	ed Date
			REVIS	IONS		
	SOUTH LAREDO LIFT STATION PROPOSED LIFT STATION PLAN AND SECTION VIEW					
	VELOPER:					
co	CONT. BUDGET PROJ.					
SUBMITTED						
APPROVED						
MA	P No.					SHEET
SE	CT. No.					C-2
DR.	EAB CK.	AH	JOB I	No. 22-	-2503	4 OF 51



UNIT DESCRIPTION	UNIT	QUANTITY
Remove Concrete Curb (COSA Spec)	LF	66
Removing Concrete (Curb) (TxDOT Spec)	LF	18
Removing Concrete (Sidewalks) (TxDOT Spec)	SY	6
Removing Concrete (Driveways) (TxDOT Spec)	SY	30
Mulch (TxDOT Spec)	SY	30
Tack Coat (COSA Spec)	GAL	1
Hot Mix Asphaltic Pavement Type B (12" Compacted Depth) (COSA Spec)	SY	2
Hot Mix Asphaltic Pavement Type D (2" Compacted Depth) (COSA Spec)	SY	14
Salvaging Hauling & Stockpiling Reclaimable Asphaltic Pavement (2" Depth) (COSA Spec)	SY	14
One Course Surface Treatment (TxDOT Spec)	SY	237
Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (4") (TxDOT Spec)	SY	237
Hot Mix Asphaltic Pavement Type B (10" Compacted Depth) (TxDOT Spec)	SY	87
Hot Mix Asphaltic Pavement Type C (4" Compacted Depth) (TxDOT Spec)	SY	237
Flowable Fill (TxDOT)	CY	120
Concrete Curb (COSA Spec)	LF	50
Barricades, Signs, and Traffic Handling (TxDOT Spec) - S Laredo St	LS	1
Uniformed Officer (8 hours/day)	WK	5
Temporary Chain Link Fence (6' High)(COSA Spec)	LF	201
Topsoil (COSA Spec)	CY	2
Bermuda Sodding (COSA Spec)	SY	30
Concrete Curb (TxDOT Spec)	LF	24
Concrete Driveways (TxDOT Spec)	SY	30
Concrete Sidewalks (TxDOT Spec)	SY	6
Temporary Erosion, Sedimentation, and Water Pollution Prevention and Control (COSA Spec)	LS	1
Trench Excavation Safety Protection	LF	229
Hot Applied Thermoplastic Pavement Markings (4" Wide White Line)(TxDOT Spec)	LF	125
Hot Applied Thermoplastic Pavement Markings (Railroad Crossing)(TxDOT Spec)	EA	1
2" HDPE Force Main Sewer Pipe (ASTM F714, 160 psi) (All Depths) (Open Cut)	LF	229
Reconstruction of Existing Manhole	EA	1
2" HDPE Carrier Pipe	LF	178
Portable Changeable Message Board	EA	2



I	LEGEND		BGE, Inc.			
I	EXIST. WATER MAIN		7330 San Pedro, S Tel: 210-581-3600			Tx 78216
I	SANITARY SEWER -6" CP SA -		101.210.001.0000			
I	GAS MAING		TBPE Registration	No. F-1046	j,	
I	UTILITY POLE LINE					
I	UNDERGROUNDUGE					
I	UNDERGROUND CABLE					
I	CONTOUR678					
I	CHAIN LINK FENCE	A	ADDENDUM NO. 2	AJC	AH	06/24/2022
I	UNDERGROUND TELE UT	No.	Revision	Drawn	Approved	Date
I	SITE PAVEMENT		REVIS	SIONS		
I	DEMO/REMOVE ///			OUTH L	AREDO	
I	FLOOD PLAIN	(JFT ST		
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I	SCALE: 1" = 40'	SE	CT. No.			C-3
	30ALE. = 40	DR.	EAB CK. AH JOB	No. 22-	-2503	5 OF 51



D. UNIT DESCRIPTION	UNIT	QUANTITY
Removing Concrete (Curb) (TxDOT Spec)	LF	12
Removing Concrete (Sidewalks) (TxDOT Spec)	SY	6
One Course Surface Treatment (TxDOT Spec)	SY	110
Salvaging, Hauling, and Stockpiling Reclaimable Asphaltic Pavement (4") (TxDOT Spec)	SY	110
Hot Mix Asphaltic Pavement Type B (10" Compacted Depth) (TxDOT Spec)	SY	46
Hot Mix Asphaltic Pavement Type C (4" Compacted Depth) (TxDOT Spec)	SY	110
Flowable Fill (TxDOT)	CY	200
Concrete Curb (TxDOT Spec)	LF	12
Concrete Sidewalks (TxDOT Spec)	SY	6
Trench Excavation Safety Protection	LF	122
Hot Applied Thermoplastic Pavement Markings (4" Wide White Line)(TxDOT Spec)	LF	26
Water Line Adjustments	LS	1
8" PVC Gravity Sanitary Sewer Pipe (SDR 26-2441, 160 psi) (All Depths) (Open Cut)	LF	122
Sanitary Sewer FRP Manhole (4' Dia.) (0'-6')	EA	2
Extra Depth FRP Manhole (Greater than 6')	VF	14
Jacking, Boring or Tunneling 24"	LF	178
8" PVC Carrier Pipe	LF	178
Steel Casing (24") (Thickness = 0.5" Min.)	LF	178
Post Sewer Main Television Inspection (8"-15")	LF	300