## ADDENDUM NO. 2 FEBRUARY 5, 2025

PROJECT: MILLSAP WSC

CID 02 – ARPA SCADA SYSTEM IMPROVEMENTS RE-BID

**BID DATE: FEBRUARY 11, 2025** 

The following changes and/or additions shall be made to the Plans, Specifications, and Contract Documents for the above referenced project. Bidder shall acknowledge receipt of this Addendum by signing below and returning this Addendum with the Bid.

- The existing pressure tanks to be tapped and furnished with a 1" welded female collar will require
  an ASME R-Stamp certification and shall be done in accordance with all ASME standards.
  Installation of the welded collars must be made onsite by an ASME certified contractor that holds
  an R Stamp. One such contractor that performs this type of work and is ASME certified is as
  follows:
  - a. Tank and Vessel Builders, L.P. 100 East T-P, Baird, Tx 79504

Phone: (325) 854-8450

Email: dharris@tankandvesselbuilders.com

2. See attached existing pressure tank pictures and manufacturers data reports (U-1A).

	Prepared by:				
Bidder's Acknowledgment	JACOB   MARTIN TBPE Firm No. 2448				
Date	15121111111012440				



PUMP STATION 2 EXISTING PRESSURE TANK 1 NAMEPLATE



PUMP STATION 2 EXISTING PRESSURE TANK 1 SIDE VIEW



PUMP STATION 2 EXISTING PRESSURE TANK 1 TOP VIEW

## PUMP STATION 2 EXISTING PRESSURE TANK 1

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
(Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only)
As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

Manufactured and certified by     Wendland Manufacturing Corporation 601 W. 11th St. San Angelo TX 76903 USA													
40 E26	(Name and address of Manufacturer)												
2. Manufactured for GP EQUIPMENT COMPANY; 6801 BURNET LANE; AUSTIN, TX 78757													
3. Lo	(Name and address of Purchaser)  3. Location of installation MILLSAP ELEMENTARY; 101 WILSON BEND ROAD; MILLSAP, TX 76066												
4. Ty	ре Ног	rizontal		38145		-	(Na	ame and add	ress) HP-72-10 RE	EV.2	_		2008
5. Th	(Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (Year built)  5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL												
	CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1  Year												
to	to												
6. Sh	ell	[Addenda (d SA-516 G			(Code Case numbers) .375" 0				[Special service per UG-120(d)] 6'-0" 10'-0"				
		erial spec. num			(Nominal thickness)			Corr. allow.) (Inner diamete				[Len	igth (overall)]
7. Se		1 ed, dbl., sngl., l	los huttly ID :	Spot	85% -				1		Spot	100%	2
		ia, abi., sngi., i	ap, butt)j [K.	T. (spot or ful	ll)] (Eff., %	6) (H. T. temp	р.) (Т	ime, hr)	[Girth (welded, dbl.,	sngl., lap, butt)] [i	R. T. (spot ( or full)]	Eff., %)	(No. of courses)
8. He	ads: (a) Material				6 Gr 70		(b	o) Material			A-516 Gr 70		
Г	Location (Top,	Minimu	m Corros		o., grade) Crown	Knuckle	Elliptical		Conical	(Spe		T s	Side To Pressure
	Bottom, Ends)	Thickne	ss Allowa	nce	Radius	Radius	1 '	atio	Apex Angle	Radius	Flat Diameter		onvex or Concave)
(a)	END	.3572"	' 0		57.6"	7.2"		-	-		-		CONCAVE
(b)	END	.3572"	0		57.6"	7.2"		-	-	-			CONCAVE
lf r	emovable, bolts us	sed (descril	be other fasteni	ngs)									
9. M	AWP	150					at i	(Material max. temp	spec. number, grad	e, size, number) 300			
		(Interna			(Ex	ternal)		max. temp		(Internal)		(Ext	ernal)
	lin. design metal te			-20		0-engresscond.#C1	50	Hydro.,	ривих, юк выих			195	
10. N	ozzles, inspection	, and safety		s:									
(Inl	Purpose et, Outlet, Drain)	Number	Diameter or Size	Туре	Material			Nominal Reinforcement Thickness Material			How Attache		l man Para
ļ (	Instrument	3	2"	CPLG		SA-105		3000#		INHERENT		D D	Location
	Misc.	2	6"	RFSO		SA-106 C		.280"		SA-516 Gr 70		D	SHELL
	Manway	1	12X16"	SPC'L		SA-106 C		.750"		INHERENT		D	HEAD
		-	-	-	-					-			•
11. S	upports: Skirt	NO	Lugs	2	Le	egs 0		Other	SADDLE	S Atta	ched W	ELDED	TO SHELL
40 D		(Yes or no		(Numb		(Number)			(Describe)			(Where	and how)
	emarks: Manufact	urer's Parti	al Data Reports	properly is	dentified and	signed by Comm	nissioned	d Inspector	rs have been fur	nished for the fol	lowing		
110	ms of the report.			(	Name of part, ite	m number, Manufactu	urer's name	e and identify	ing stamp)				
USER	IS RESPONSIBLE	E FOR SAF	ETY DEVICES			INTENDED FOR I			- 12	IS: UG-20, UCS-6	66 WO# 995	102	
$\overline{}$					CERTIFI	CATE OF SHO	P / FIFI	D COMP	LIANCE				
	We certify that to	the stateme	ents made in thi	s report ar	e correct and	d that all details o	of design	. material.	construction a	nd workmanship		39	
	expires	02/28/09				, 0000011 1111, 111	VIOIO11 11.	o com	nodic of Adinon.	-		139	
		/18/09		endland Ma	anufacturing C	Cornoration		5	Signed —	5'11V	2 #E	The same of the sa	_
						anufacturer)				/////(Rep	presentative)		
					CERTIF	ICATE OF SHO	P / FIE	LD INSPI	ECTION				
	Vessel construc	cted by W	endland Manufa	cturing Cor					San Angelo, TX	76903 USA			
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of TX and employed by HSB CT												
	have inspected	the compo				ata Report on			02/18/	09		, and	state that,
	to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME BOILER AND PRESSURE												
VESSEL CODE, Section VIII, Division 1. By Signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her employer													
shall be liable in any manner for any personal injury or property samege or a less of any kind arising from or connected with this inspection.													
	Date 2/18/09 Signed Commissions TX1723												
	(Authorized Inspector) [National Board (incl. endorsements), State, Province, and number]												



PUMP STATION 3 EXISTING PRESSURE TANK NAMEPLATE



PUMP STATION 3 EXISTING PRESSURE TANK SIDE VIEW



PUMP STATION 3 EXISTING PRESSURE TANK INSIDE BUILDING VIEW

## PUMP STATION 3 EXISTING PRESSURE TANK

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS (Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only) As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

***************************************		-		AS RE	quired by	the Provisions	or the AS	WE COU	e Rules,	Section	VIII, DIVISIO	<u>n 1</u>			
1.	Manufactured and certified by Bulldog Steel Products, Inc., ½ mile East of Clyde, I-20 South access Road, Clyde, Texas 79510  (Name and address of manufacturer)														
2.	(Name and address of manufacturer)  Manufactured for Leonard Water Services, 6799 US Hwy. 83 North, Abilene, Texas 79601  (Name and address of purchaser)														
3.	Location of install														
4.	Type Horizontal BS501954 N/A  (Horiz. or vert. tank) (Mfgr's serial No.) (CRN)					N/A (CRN)	BS501954, Rev. 1				N/A 2001				
5.	The chemical and	d physic	cal pro	perties of all p		quirements of material s	(Drawing No.) (Net'l. 8d. No.) (Year built) naterial specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and								
	workmanship conform to ASME Rules, Section VIII, Division 1 1998 Edition  toA-00 AddendaNone None														
	to			A-00 /	Addenda nda (Date)			No Code Ca			None Special Services per UG-120(d)				
6.	Shell:	Shell:   SA36   0.500										20'-0"  Length (overall) (ft. & in.)			
					none	70%	N/A	N/A	Type (1)						
7.	7. Seams: Type (1)  Long. (Welded, Dbl., Sngl., Lap, Butt)				R.T. (Spot or F		H.T. Temp. (° F)	Girth (We	ided, Dbl., ap, Butt)	R.T. (Spot, Partial, or Full)	No. of Courses				
8.	Heads: (a) Ma	ıtl			SA 516 Gr.7		(b) Ma	(b) Matl.			SA 516 Gr.				
					(Spec. No., Gr	<del></del>					(Spec. No., Grade)				
_	Location (Top, Bottom, Ends)	Minin	ess (in)	Corrosion Allowance (in)	Crown Radius (in)	Knuckle Radius (in)	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius (in)	Flat Diameter (in)	the second of th	Side to Pressure onvex or Concave)			
(a)	End	0.4		0.125	60.8000							Concave			
(b)	End	0.4		0.125	60.8000	7.6000						Concave			
	If removable, bolts	s usea	(descr	ibe other rast	enings)				(Matl., Spec. No.,	Gr., Size, No.)					
9.	MAWP			100		psi at max. tem	p.			10	00		°F		
	Min. design metal	temp.		-2		°F at 100		test pressure			200		psi.		
10.	Nozzles, inspection	on and	safety	valve opening	gs:	Required pressure		e provided	by end use	er per UG-	125(a).				
	Purpose (Inlet, Outlet, Drain)		No.	Diam. or Size	Туре		Mat'i.		Nom. Thk.(in)		Reinforcement Mat'l	How Attached	Location		
	Manway Neck	(	1	14" x 18"	Elliptical		106-C		0.75		Inherent	Fig. UW-16.1(I)	Hd. (a)		
	Manway Cove	r	1	14" x 18"	Elliptical		516-70		480#		Inherent	Bolted	Manway		
_	Inlet / Outlet		1	6"	150#, RFSO				0.432		Inherent	Fig. UW-16.1(I)	Shell		
_	Drain	. +	1	4" 1"	150#, RFSO	Pipe: SA53-B s		SA105	0.337		Inherent	Fig. UW-16.1(I)	Shell		
-	Air / Press. Re	91.	1 2	3/4"	Coupling Coupling	SA105 Sa105			6000# 6000#		Inherent	Fig. UW-16.1(y-2)	Shell		
-	Controls 2 3/4"				Coupling		0000#		Inherent	Fig. UW-16.1(y-2)	Shell				
-		_	_												
$\vdash$		$\rightarrow$	-												
-		+	-+												
$\vdash$		_	$\neg$												
11.	Supports: Sk	irt	No	Lugs	(2) Lift	Only Legs		Other		Cradle	Attached	Shell and Welde	d		
40	5		es or no)		(No.)		(No.)	t t t		escribe)		(Where and how)			
12.	Remarks: Manufa	acturers	s Parti	ai Data Repo	rts properly identi	ified and signed by Con	imissionea insp	ectors have b	een turnisned	for the follow	ving items of the rep	OIT:			
						(Name o	f part, item number, M	fgr's. name and ide	ntifying stamp)						
	This vessel is						f), UCS-66(a				2   Se   V = Se				
						nd in Section II, Pa									
	Elliptical many	vay ne	eck ar	nd cover pr	ovided by Cor	mmertial Intertech.	Manway gas	ket materia	al: 1/8"thk.	neoprene.					
							FICATE OF SH								
							sign, material, c			ship of this ve		ASME Code for Pressure			
	Vessels, Section VIII, Division 1. "U" Certificate of Authorization No. 23209 expires 18-Jan-2003  Date 9/25 Co. name Bulldog Steel Products, Inc. Signed														
	Date 4/25	101		Co. name		(Manufacturer			_ Signed _		(Representa	ative)			
					D. II.I		IFICATE OF SI		TION		ode Terre				
	Vessel constructed					Products, Inc.  National Board of Boiler	and Pressure V		ore and/or the		yde, Texas	Texas			
	and employed by	, notain	y a va	iiid Commissio	on issued by trie i	The Hartford S	team Boiler I	nspection a	and Insurar	ce Compa	anv	I GAGS			
1		e comp	onent	described in t	this Manufacturer					, 20		, to the best of my knowledge			
	have inspected the component described in this Manufacturer's Data Report on, 20, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the inspector nor his employer														
makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his employer shall be															
liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.										la de la companya de					
Date 9-20-01 Signed VRCXSI Commissions 24/259															
	Date 7-10-	UI		Signed	0/(	(Authorized Inspe	ector)		_ Comi	missions 🔏	Naty Board (Incl. endo	rsements), State, Prov. and No.)	4.		
BSP (	5/95)						•				, , , , , , , , , , , , , , , , , , , ,				