

CLARIFICATION NO. 01

Tender No. PROC-FC/CB/PROD/UCH-II-3128/2017

**SUPPLY OF LEVEL GUAGES & LEVEL TRANSMITTERS, PCV/FCV SPARES &
DIFFERENTIAL PRESSURE TRANSMITTERS**

Clarification is as follow:-


Please provide the process connection of Item 2 (level transmitter), which one would you like SMP858-TST or SMP8558-DST?

Response to clarification is as follow:-

The process connection is 1/2" NPTM and location is bottom. Data sheet is attached for further details.

1 GENERAL INFORMATION:							
2	Tag Number:		LT-2223		LT-2224		
3	Service Description:		GAS STATION FILTER SEPARATOR		GAS STATION FILTER SEPARATOR		
4	Location:		Filter Separator		Filter Separator		
5	Line; Vessel; Equipment No:		T-2202A	DA2N	T-2202A	DA2N	
6	Piping Class:						
7	P & ID No:		DWG-00-BP-2201		DWG-00-BP-2201		
8	R.F.Q. No:	Purchase Order No:	J-0022	10034	J-0022	10034	
9	Item No:		2		3		
10	Manufacturer:		K-TEK		K-TEK		
11	Vendor:		PROCON		PROCON		
12	Model No:		SPM200		SPM200		
13	Serial No:		96-5710		96-5711		
14	Electrical Area Classification:		CL 1 ZN 1 GRP IIA		CL 1 ZN 1 GRP IIA		
15	Electrical Certification:		SAA Ex'd'		SAA Ex'd'		
16	PROCESS SERVICE CONDITIONS:						
17	Upper Fluid Type:	Upper Fluid State:	H.C.	Vapour	H.C.	Vapour	
18	Lower Fluid Type:	Lower Fluid State:	H.C.	Liquid	H.C.	Liquid	
19	Density:	Units:	lbs/ft3		lbs/ft3		
20	Density:	Upper:	Lower:	5.07	50	5.07	50
21	Temperature:	Maximum:	Units:	144	°F	144	°F
22	Temperature:	Minimum:	Normal:	50	77	50	77
23	Pressure:	Maximum:	Units:	900	psig	900	psig
24	Pressure:	Minimum:	Normal:	570	800	570	800
25							
26	CONSTRUCTION - BODY / CAGE:						
27	Body or Cage Material:		316SS		316SS		
28	Body Rating:		600 #		600 #		
29	Connection Type:	Upper:	Lower:	ANSI Flg.	ANSI Flg.	ANSI Flg.	ANSI Flg.
30	Upper Connection:	Size:	Location:	2"	Side	2"	Side
31	Lower Connection:	Size:	Location:	2"	Side	2"	Side
32	Distance between Connection Centr		inches		14"		14"
33	Case:	Mounting:	Type:	Aluminium	Ex'd'	Aluminium	Ex'd'
34	Rotatable Head:	Orientation:		Yes		Yes	
35	Cooling Extension:			NA		NA	
36	Vent Connection:	Size:		Yes	1/2" NPT	Yes	1/2" NPT
37	Drain Connection:	Size:		Yes	1/2" NPT	Yes	1/2" NPT
38	CONSTRUCTION - DISPLACER or FLOAT:						
39	Displacer Size:	mm	N/A		N/A		
40	Insertion Depth:	mm					
41	Displacer Extension:	mm					
42	Material:	Displacer:	Float:				
43	Material:	Spring:	Tube:				
44	Material of other Wetted Parts:						
45							
46	CONSTRUCTION - TRANSMITTER/CONTROLLER:						
47	Function:		Transmitter		Transmitter		
48	Control Modes:		NA		NA		
49	Level Range:		inches		14"		14"
50	Output Action:		Direct		Direct		
51	Accuracy:		+/- % Span		0.01		0.01
52							
53	Transmitter:	Supply:	Output Signal:	24 VDC	4-20mA	24 VDC	4-20mA
54	Enclosure Type:	IP Rating:		Ex'd'	65	Ex'd'	65
55	Entry:	Size:	Termination:	1/2" NPTM	Terminals	1/2" NPTM	Terminals
56	Connections:	Pneumatic:		NA		NA	
57	INSTRUMENT OPTIONS:						
58	'Smart' Electronics:	Protocol:		Yes	HART	Yes	HART
59	Level Gauge	Tag No:		LG-2223		LG-2224	
60		Data Sheet No:		DS-00-JL-0023.02		DS-00-JL-0023.02	

- GENERAL NOTES:** * = Information to be provided by VENDOR
- The VENDOR shall provide all instruments with a stainless steel tag plate stamped with the INSTRUMENT TAG No. in 5mm high characters permanently attached to the instrument with either stainless steel wire or screws.
 - All permanent instrument fixings shall be stainless steel.
 - All wetted parts shall conform to the material requirements for sour gas service in accordance with NACE standard MR-01-75.
 - The VENDOR shall offer a combined Level Gauge/ Transmitter for this application.

1	AS-BUILT	26-Jun-97	<i>AS</i>	<i>AS</i>	<i>AS</i>
0	ISSUED FOR PURCHASE	19-Jul-96	AST	YYU	AST
B	ISSUED FOR TENDER	13-May-96	AST	YYU	AST
A	ISSUED FOR PROCESS INFORMATION	13-May-96	AST		
Rev	REVISION DESCRIPTION	DATE	PREPARED	CHECKED	APPROVED
INSTRUMENT DATA SHEET LEVEL TRANSMITTERS (NON-CONTACT)		Client:	Oil & Gas Development Corp.		
		Project:	Uch Gas Pipeline		
		Data Sheet No:	DS-00-JL-0022.02		
		Job No:	1846	Revision:	1