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				SHEET	1 of 2
				DATE	17-Aug-17
				REV.	1
				PREPARED BY	WAS
				CHECKED BY	NAS
				APPROVED BY	NAS
		OWNER:	OIL & GAS DEVELOPMENT COMPANY LIMITED (OGDCL)		
		PROJECT:	DAKHNI GAS PLANT INSTRUMENT UPGRADATION		
1	Tag Number		See Sheet 2		
2	Process Service Conditions		See Sheet 2		
3	Level Transmit Height	(mm)	See Sheet 2		
4	TRANSMITTER				
5	Measurement Type		Level		
6	Type		Contact Radar Type		
7	Measuring Principle		Time Domain Reflectometry (TDR)		
8	Local Indication		Yes (Integral)		
9	Scale Range	(mm)	See Sheet 2		
10	Calibration Range	(mm)	As per Level Transmit Height		
11	Accuracy		±5 mm		
12	Transmitter Output		4-20mA with HART Protocol		
13	Power Supply (Loop Powered)		24VDC		
14	Electrical Connection	Note-3	M20 x 1.5		
15	Process Connection	Note-1 & 6	See Sheet 2		
16	SENSING PROBE				
17	Probe Material		316 SS		
18	Probe Type	Note-4	Coaxial, perforated / VTA*		
19	Probe Length	(mm)	As per Level Transmit Height		
20	TRANSMITTER ENCLOSURE				
21	Housing Material		Stainless Steel		
22	Electrical Classification		EEx 'd' IIC T4		
23	Enclosure Protection		NEMA 4X / IP65 Corrosion Resistant		
24	ACCESSORIES				
25	Cable Gland Required	Note-3	No		
26	SS Tag Required	Note-2	Yes		
27	NACE Compliance	Note-5	Yes		
28	Electrical Entry Plugs Required	Note-3	Yes		
NOTES:					
	1-	Vendor shall confirm that the Level Transmitter flange outer diameter shall match with process flange diameter.			
	2-	Vendor shall provide SS Tag attached with SS Screws or SS wire. Tag shall contain Tag Number and Model Number of Transmitter.			
	3-	Vendor shall provide Ex'e' plugs for each Electrical Entry.			
	4-	Vendor shall provide probe type according to process pressure and temperature.			
	5-	All wetted parts shall conform to NACE MR-0175 / ISO 15156 (latest edition).			
	6-	End connection flange rating shall be as per ASME B16.5 standard.			
	*	VTA = Vendor to Advice			



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