

ANNEXURE - "A"

Level Transmitter Specifications		
S.No.	Parameter	Description
1	Principle of Operation	Detection of reflected ultrasonic pulse
2	Material Inside Tank(Upper/Lower)	Washed Leach Filter Cake Slurry
3	Fluid property	Slurry
4	Specific Gravity	1.27
5	Viscosity	20
6	Type of instrument	Ultrasonic
7	Pressure in Tank	Atmospheric
8	Temp(Deg c.) (Oper/Max/Process)	AMB / 100 / 70
9	Tank: Type / MOC	Vertical Cylindrical Open , Flat Bottom Type / MSRL
10	Tank Dimensions	3.6 Dia X 6.0 LD + 0.5 FB
11	Nozzle Projection	150 mm
12	Agitator	YES
13	Tank Insulation / Thickness	NA
14	Measuring Range	0 - 6 Mtrs (0.5 Mtr FB)
15	Calibration Range	5800 mm
16	Humidity	1% to 95% non condensing
17	Accuracy	±3 mm
18	Blocking distance	*
19	Operating frequency	10KHz to 50 KHz (typical)
20	Process Connection	3 " ANSI 150 # RF / ANSI ASME B 16.5
21	Mounting	Integral
22	Type	Microprocessor based
23	Power supply	24V DC, 2-Wire
24	Signal output	4-20 mA DC, SMART with HART
25	Load	600 ohm load
26	Configuration	Through soft keys
27	Diagnosis	Online
28	Repeatability	0.25% of span
29	Resolution	0.1% of span
30	Construction	Plug on board
31	Hysteresis	Fully adjustable preferred
32	Mounting	Integral with sensor
33	Display	Large alpha-numeric back lit LCD/LED
34	Loop Powered Indicator	Required
35	Power consumption	*
36	Enclosure	IP-65 Epoxy painted cast aluminium housing
37	Area Classification	SAFE
38	Cable Connection	3/4" ET
39	Accessories	Cable gland with PVC Hood, prefab cable, mounting accessories
40	Make	M/s Endress + Hauser, M/s Vega

- K. I. Karginal
25/5/18