

CHHATTISGARH STATE POWER TRANS. CO. LTD.
(A Govt. of Chhattisgarh undertaking) (A successor company of CSEB)
CIN- U40108CT2003SGCO15820 / GSTIN-22AADCC5773E1ZX

O/o Chief Engineer (Stores & Purchase)

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No.02-16/SE-I(S&P)/TR-20/S&P/36

No 2055-1

Raipur, dtd.

19 FEB 2021

//Corrigendum//

Sub: Tender specification No. TR-20/S&P/36 for procurement of Dew Point Meter under PSDF scheme.


The terms & conditions of NIT No.02-16/SE-I-(S&P)/TR-20/S&P/42/27/36/1827 dtd. 11.01.2021 for procurement of Dew Point Meter under PSDF scheme shall be read as mentioned below :-

Sl. No	Clause No./ Page No.	Particulars	Requirement as per technical specification	Amended Requirement
Technical specification:-				
1.	Section- II, Sample Specification of Portable Dew Point analyser with Built -in Sample Handling System , Page -29	Functional requirement	Instrument is meant to Moisture/Dew Point measurement with dynamic Pressure & Temperature measurement of Any Gas such as SF6, H2 , N2 and dry air in a EHV substation Machine /Equipments. Instrument should be light weight hand-held battery operated, , designed for applications where quick and accurate dew point measurement with dynamic Pressure & Temperature have to be made.	Instrument is meant to Moisture /Dew Point measurement of Any Gas such as SF6, N2 and dry air in a EHV substation. Instrument should be light weight hand-held battery operated, designed for applications where quick and accurate dew point measurement require.
2.		Applications	Moisture/Dew Point measurement with dynamic Pressure & Temperature measurement of Any Gas such as SF6, H2 , N2 and dry air in a EHV substation machine/Equipments (i.e. Instrument air, transformer and switch gear insulating gases, gas cylinders and air separation plants etc.).	Moisture/Dew Point measurement of Any Gas such as SF6, N2 and dry air in a EHV substation machine/Equipments (i.e. Instrument air, transformer and switch gear insulating gases, gas cylinders and air separation plants etc.).
3.		Display Parameters :	a. Moisture: DP temperature, ppm _v , ppm _w , % RH and others b. Temperature: °F, °C, c. Pressure: psig, bar, kPa (gauge), kg/cm ² (gauge), and others.	Moisture: DP temperature, ppm _v ,
4.		Area classification :	Certified for Hazardous Area Class I, Division I, Groups A, B, C & D.	omitted

5.		Enclosure Type	Type NEMA 4X, IP67	Weatherproof
6.		Screen/Display/ Controls	LED/ LCD Graphic Display With Backlight , custom legends for units and mode, audio alert with push button all settings stored in inbuilt internal memory with Sensor Actuator.	LED/ LCD Display With Backlight , custom legends for units.
7.		Rechargeable batteries Battery Life	Can be installed or removed in hazardous areas 24 hours or better	omitted
8.		Memory :	Built-In Flash Memory required.	omitted
9.		Communication Port	USB/ETHRNET/RSJ232/Wi- Fi/Infrared communication port	omitted
10.		Site Programming Parameters	Menu-driven, graphic, operator interface uses keypad and soft- function keys.	Through keypad available in instruments.
11		Measured Parameters		
		Dew Point	Range : -80°C to +20°C or better	Range : -80°C to +20°C or better
	Accuracy: ± 3°C		Accuracy: ± 3°C	
	Repeatability: ±0.5°C		Repeatability: ±0.5°C	
		Sample temperature	Range : -80°C to +20°C or better	omitted
			Accuracy: ± 3°C	
		Pressure operating	Range: 29 PSI (2 bar) to 100 psi (6.8 bar) or better	
			Accuracy: ±1% at full scale	
12.		Power requirements	Battery /Battery and optional AC / DC Adapter	Battery with suitable charger
13.		Instrument Interface Software	Window base compatible software shall be provided by the manufacture free of cost, to communicate the testing equipment with PC / Laptop to Create Data Logs & Graphs on PC/Laptop	omitted
14.		System accessories	Battery charger Communication Cable, 10-ft (3- m), flexible, PTFE-lined, braided-stainless Steel Hose and Handheld (Portable) Sample Handling System to connect at sample point to collect sample etc. Instrument should be supplied with Miniature Sample Handling system and Accessories for site measurement.	Battery charger flexible, PTFE-lined, braided-stainless Steel Hose and Handheld (Portable) Sample Handling System to connect at sample point to collect sample etc. Instrument should be supplied with Miniature Sample Handling system and Accessories for site measurement.

15.		Special Requirement :	<ul style="list-style-type: none"> • Test results should have repeatability, consistency & immunity to electromagnetic interference in live switchyard upto 400KV. • The Moisture Analyzer should be capable of measuring Dew Point at line Pressure & Temperature & provide Readouts in actual PPMv Dew Point. • The probe should have integrated Pressure & Temperature on the Probe so that it can do instantaneous measurement at varying line pressure & temperature. • Vendor must have Calibration Facility in India for future calibration need. • Gas sample connections: Suitable size VCO input and output ports 	<ul style="list-style-type: none"> • Test results should have repeatability, consistency & immunity to electromagnetic interference in live switchyard upto 400KV. • The Moisture Analyzer should be capable of measuring Dew Point & provide Readouts in actual PPMv Dew Point. • Vendor must have Calibration Facility in India for future calibration need. • Gas sample connections: Suitable fitting
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All other terms and conditions of the tender no. TR-20/S&P/36 dtd. 11.01.2021 shall remain unchanged.


(Er. S.D. Telang)
Chief Engineer (S&P)
CSPTCL, Raipur

Copy to:-

1. The CE (EITC), CSPDCL, Raipur –Please arrange to place/display the aforesaid corrigendum of tender TR-20/S&P/36 on the CSPTCL's website.