



MADHYA PRADESH POWER-GENERATING COMPANY LIMITED
(Govt. of Madhya Pradesh Undertaking)
OFFICE OF THE CHIEF ENGINEER (GENERATION)
SATPURA THERMAL POWER STATION: MPPGCL
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TENDER No. 08-004/STPS/P&W/IMD-4/PT-5117/TID-2026_MPPGC_484346/1251 Date: 11.03.2026
:: TECHNICAL SPECIFICATION/SCHEDULE::

SUB: Procurement of Dew point sensor of hydrogen gas of turbo-generator STPS Sarni
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[1] The subject material is required as per the Technical Specification / schedule detailed here under:

:PRICE SCHEDULE:

S.NO.	UNIT DESCRIPTION	SAP Code	QTY. PROPOSED	UNIT RATE
1	Intrinsically Safe Dew-Point Sensor for generator Hydrogen Gas Measurement for Hazardous Area (Zone 1,1 &2) <ul style="list-style-type: none">• Ranges -110 up to +20 °C dp Dew point or PPMV• Model- Easi dew IS• Moisture content output 2-wire loop power connection• Accuracy ± 2 °Cdp• Operating Pressure- Upto 40Mpa• Output Signal-4-20mA• Traceable latest valid calibration certificate Easidew I.S. IECEx, cQPSus, ATEX, UK (NPL) and US (NIST) Humidity standards and UKCA approvals Low cost of ownership and easy maintenance with sensor exchange program• 316 Stainless steel sensor and sample blocks 5/8" UNF process connections• KF40 Glove box flange Oxygen service cleaned• Certified for measuring trace moisture in flammable or explosive gases and a wide range of non-polar liquids	7000034560	2 No's	

Make- M/s Michell Instrument or equivalent

Note-

1. The onus of offering equivalent is solely responsibility of the bidder to prove it equivalent in all respects clearly defining the parameters, specifications on the basis of which a bidder offering the equivalent otherwise offer is liable for rejection).
2. The firm shall depute their qualified service engineer/personnel at the time of installation and commissioning of the Dew Point Sensor and shall also carry out testing/ calibration / functional verification of the system as required, ensuring its trouble-free performance. Furthermore, during the entire guarantee period, if any defect, malfunction, or performance issue arises, the firm shall promptly depute their competent service engineer to the site free of cost, along with all necessary tools and testing equipment for rectification & restoration.

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(Pankaj Gajbhiye)
SUPERINTENDING ENGINEER (P&W)
O/O C.E (GEN): STPS: MPPGCL: SARNI