



RASTAIIN RAJYA VIDHIYUT PARASARAN NIGAM LIMITED
(An ISO 9001:2015 certified Company)

(Corporate Identity Number (CIN): L40109 RJ2000 SGC016485)

Regd Office Vidhyut Bhawan, Jyoti Nagar, Jaipur-302005

OFFICE OF EXECUTIVE ENGINEER (220 KV GSS) AAU (JODHIPUR)

Email: xen.220.aau@rvpn.co.in, Website: www.rvpn.co.in

NO.: -RVPN/XENI/220 KV GSS/Sec.Estt/F. / D. 132 Aau, DATE 30/6/22

REQUEST FOR QUOTATION (04/2022-23)

- 1 M/S Madhav Trading Company, Jaipur
- 2 M/S All registered Vendor of RVPN

Subject: Request for quotation is invited for Purchase of 25 Kg SF6 Cylinder for 220 KV GSS Aau.

If you are interested in Purchase of 25 kg SF6 Gas Cylinder for 220 KV GSS Aau from your firm. Submit your quotation to this office.
The Estimated cost is Rs. 39825.00 (Rupees Thirty Nine thousand Eight Hundred twenty five only)

Terms & Condition:-

1. The price should be for destination.
2. Taxes if chargeable extra, shown clearly.
3. The firm should clear mention specification..
4. The above job is to be made in within 12 month from the issue of order.
5. If purchase work is not completed within the specified time. Penalty as usual shall be imposed.
6. Your offer will remain valid for acceptance by the undersigned up to 03 month.
7. Quotation should be receiving up to 07.07.2022 at 15.00 Hrs. and opened on dated 07.07.2022. at 15.30 Hrs in office of Executive Engineer (220 KV GSS) Aau
8. The under signed reserved the right to reject any or all purchase order without assigning any reason.
9. Payment will be made within a month after completion of purchase & on presentation of bill in triplicate.

Executive Engineer (220 KV GSS)
RVPN Aau

Signature of the contractor, Name of Firm/ Contractor

GURANTEED TECHNICAL SPECIFICATION OF SF-6 GAS ARE AS UNDER:-

Sr. No.	Particulars	Value Required
1.	SF-6	
2.	Air	99.70 by weight
3.	CF4	500 ppm by weight
4.	H2O	500 ppm by weight
5.	Mineral Oil	15 ppm by weight
6.	Acidity in terms of HF	10 ppm by weight
7.	Hydro Lyzable Fluorides, in terms of HF	0.3 ppm by weight
8.	Suitability	1 ppm by weight
		The SF-6 Gas shall be suitable for filling in EHV/HV circuit breakers of various makes like ABB/BHEL/GEC/Crompton
9.	Cylinders duly filled with sf-6 gas.	The cylinder manufacture as per IS standard. SF-6 gas filled and sealed confirming to IES 376

And Having Physical Properties as under:-

1	Molecular Weight	146.07
2	Melting Point	(-) 50.7°c
3	Sublimation Temp.	(-) 60.8°c
4	Critical Temp.	45.547 ← 0.003
5	Critical Pressure	38.55kg/cm ²
6	Critical Density	0.730g/cm ³
7	Dielectric Constant at 20°c	1.002
8	Thermal Conductivity at 30°c	3.36x10
9	Specific Heat Ratio	1.07
10	Density at 20°c:- a. At 0 kg/cm ² g b. At 1 kg/cm ² g c. At 5 kg/cm ² g d. At 10 kg/cm ² g e. At 15 kg/cm ² g	6.25 gm/ltr 12.3 gm/ltr 38.2 gm/ltr 75.6 gm/ltr 119.0 gm/ltr
11	Solubility in 30°c:- a. In oil b. In H2O At 30°c :	0.297cc 0.001cc 0.035+0.01gm/gm
12	Cp:	23.22 Cal/Mole °c

[Signature]
Executive Engineer
220 kv GSS
RVPNL AAU