

## **SF6 GAS FILLING AND EVACUATION SYSTEM**

### **1.0 SCOPE OF SUPPLY**

Following equipment is part of this enquiry:

#### **a) SF6 Gas Filling Device**

The equipment shall be portable type trolley with caster wheels and rubber hoses and coupling DN8 and DN20

Features of Standard equipment:

- Additional SF6 bottle connection G 5/8 thread.
- Pressure Reducer for SF6 gas with W21.8x1/14" thread
- 5 meters long Hose DN8.
- Coupling Tongue parts DN8 & DN20
- Gauge Indicator in Bar
- Additional Bottle connection with G 5/8 thread
- Operating manual in English language

#### **b) Portable Vacuum Pump for evacuation of Air**

Features of Standard Equipment

- 10m<sup>3</sup>/h vacuum pump with exhaust filter, final vacuum less < 1 mbar
- Vacuum gauge (-1 to 0 bar)
- Ball Valve DN8
- 3m long rubber hose DN8 with coupling tongue part DN8
- Operating voltage; -220-240V/50Hz, alternating current
- Operating manual in English language

**c) Aluminum Transport case** to carry Vacuum pump & Refilling device safely.

### **2.0 Acceptance Criteria:**

Items shall be supplied as per specification.

### **3.0 Packing :**

Each item shall be packed suitably to avoid damage during transit.

### **4.0 Warrantee**

The equipment shall be warranted for trouble free performance and against any defect in the material, workmanship, design and also any abnormal behavior for a period of 24 months from the date of commissioning or 36 months from date of receipt whichever is earlier.

**5.0 Qualifying Criteria**

<b>Sl.No</b>	<b>QUALIFYING CONDITIONS :</b>	<b>Vendor's Compliance</b>
5.1	The supplier should have supplied at least 20 sets of Gas Handling & Evacuation System of similar rating or higher capacity. 3 copies of purchase order shall be furnished.	Vendor to confirm
5.2	The supplier must have an agent in India to support the maintenance of equipment as and when required by BHEL.	Vendor to furnish
5.3	Vendor should be OEM or their authorized representative. In case the vendor is authorized representative of OEM, the complete system should be sourced from OEM only. Authorization Letter from Original Equipment Manufacturer (in case of not directly quoted by OEM) for quoting of their system and provide support for commissioning and after sales services.	Vendor to furnish
5.4	Name of the customer / company where similar system is installed. (Unpriced Copy of Purchase order should be furnished). Name and designation of the contact person of the customer. Complete postal address of the customer. Phone, FAX no. and email address of the contact person of the customer. Year of commissioning. Application for which the system is supplied with details of accuracies achieved on the job. BHEL reserves the right to verify information submitted by vendor. In case the information is found to be false/incorrect, the offer shall be rejected.	Vendor to furnish

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