

Revision No. : 04		PROCUREMENT PROCEDURE OF CPRI (NON WORKS)		Issue No : 2	
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Section : Formats				Documents : PPM	
Topic : Technical Specifications format				FORMAT NO.:CPRI/PUR/L - TBID/GTP	
Section IV T -Technical Specification					
CENTRAL POWER RESEARCH INSTITUTE, BENGALURU/BHOPAL Web: www.cpri.res.in					
Tender Ref No : CPRIBLR23EATD02S1173					
Description of the Equipment/Goods/Services : Vacuum Oven with Vacuum Pump.					
Note : 1) The technical bid submitted in other than this format is liable to be rejected.					
2) All blue fields are mandatorily to be filled in.					
Name and address of the bidder					
Quotation Number and Date					
Sl.No.	Technical Specifications/Parameters	Qty (01)	To be completed by the Bidder		
			Details of guaranteed technical parameters offered by the bidder	Guaranteed Technical Particulars (GTP)	Deviations from GTP
1. Description and Scope of Equipment	Supply and Installation of Vacuum Oven with Vacuum Pump				
1.1. Vacuum Oven with Vacuum Pump	1. Temperature - RT~ 200°C 2. Temperature resolution / Volatility - 0.1°C /±1°C 3. Vacuum degree - 10-1 mbar or better 4. Working condition temperature - RT to 120°C 5. Liner size - 415x370x345mm 6. Volume - Minimum 45 L or higher 7. Pressure Gauge – Must be mounted on the front side of the oven 8. Shelf - 2 layers (Stainless steel) Rotary vane pump: 1. Total final pressure - 0.1 mbar or better 2. Capacity of trap - 500 ml 3. Input power Requirements Working voltage - AC220V 50Hz Key Features: • Microcomputer temperature controller, accurate and reliable temperature control. • The working chamber is rectangular to achieve the maximum of effective volume. • Double toughened explosion-proof glass door allowing observe the inside material easily. • The closing tightness of the door can be adjusted, the integrally formed synthetic silicon door sealing ring ensures the high vacuum degree in the box. • The chamber is made of stainless steel, which ensures the product is durable and easy to clean. • Storage, heating, testing and drying may be carried out in an environment free of oxygen or inert gas without causing oxidation.	1			
PN: 1) Mere statement of "Complied" do not suffice the requirement. The details of technical parameters in proof of CPRI requirements shall be furnished along with technical write-up, catalogues, brochures, literatures, phamplates, or any other documents shall be submitted in hard copy along with technical bid. 2) Calibration reports/certificates, factory test reports/certificates from an accredited agencies/facilities shall be submitted wherever applicable. 3) CPRI reserves the right to conduct "predispach inspection" prior to dispatch at the works of the supplier and the expenditure towards PDI shall be borne by CPRI. However information regarding the rediness of the equipment/machinery for the PDI shall be communicated in writing at lease 70 days in advance.					