

**PROCUREMENT PROCEDURE OF CPRI (NON WORKS)**

Revision No. : 05  
 Dt of Revision : 27.08.2020  
 Page No. : 1 of 2  
 Section : Formats  
 Topic : Price Bid format for local supplies (Indigenous offer)

Issue No. : 02  
 Issue Dt. : 30.06.2003  
 Issued by : P A  
 Document : PPM  
 FORMAT NO.:CPRI/PUR/ePBID/IND

**Section IV L - Price Bid for local supplies**

CENTRAL POWER RESEARCH INSTITUTE, BHOPAL Web: www.cpri.in, www.tenderwizard.com/CPRI

Tender Enquiry No : STDS/12-01/2020-21/PUR /STL/A-2011

Description of the Equipment/Goods/Services : Supply, Installation and training of 50Amps automatic high current resistance meter with necessary accessories.

<b>Name and address of the Bidder *</b>				
<b>Quotation Number and Date*</b>				
<b>HSN code (Harmonized system nomenclature)*</b>				
<b>GSTIN No*</b>				
<b>SAC code (Services Accounting Code)*</b>				
<b>Income Tax permanent account number(PAN)*</b>				
<b>Details of EMD submitted*</b>				
Sl.No	Particulars	Qty	Unit Rate in Rupees	Total Amount in Rupees
<b>1</b>	<b>Basic Price (Including mandatory spares, packing and forwarding charges)</b>	<b>1</b>		<b>0.00</b>
	<small>(The list of mandatory spares shall be provided in the technical bid without mentioning the price)</small>			
<i>1(a)</i>	<i>GST rate as applicable in percentage only</i>			
	<i>IGST</i>			<b>0.00</b>
	<i>CGST</i>			<b>0.00</b>
	<i>SGST</i>			<b>0.00</b>
	<i>UTGST</i>			<b>0.00</b>
	<i>CESS if any</i>			<b>0.00</b>
<b>2</b>	<b>Transportation Charges (To be Quoted in Lumpsum ,if applicable)</b>			<b>0.00</b>
<i>2(a)</i>	<i>GST rate as applicable in percentage only</i>			
	<i>CGST</i>			<b>0.00</b>
	<i>IGST</i>			<b>0.00</b>
	<i>SGST</i>			<b>0.00</b>
	<i>UTGST</i>			<b>0.00</b>
	<i>CESS if any</i>			<b>0.00</b>
<b>3</b>	<b>Installation and Commissioning Charges (To be Quoted in Lumpsum ,if applicable)</b>			<b>0.00</b>
<i>3(a)</i>	<i>GST rate as applicable in percentage only</i>			
	<i>CGST</i>			<b>0.00</b>
	<i>IGST</i>			<b>0.00</b>
	<i>SGST</i>			<b>0.00</b>
	<i>UTGST</i>			<b>0.00</b>
	<i>CESS if any</i>			<b>0.00</b>
	<b>TOTAL LANDED COST</b>			<b>0.00</b>
<b>Total Landed Cost in Words</b>				

**PROCUREMENT PROCEDURE OF CPRI (NON WORKS)**

Revision No. : 05  
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 Section : Formats  
 Topic : Price Bid format for local supplies (Indigenous offer)

Issue No. : 02  
 Issue Dt. : 30.06.2003  
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 FORMAT NO.:CPRI/PUR/CPBID/IND

**Section IV L - Price Bid for local supplies**

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4	<b>OPTION-1 :</b> Post warranty comprehensive AMC including, Labour, Travel, Spare Parts etc. in INR (lumpsum) (This cost is optional hence will not to be considered for cost comparission evaluations.)			
5	<b>OPTION-2 :</b> Optional accessories in INR (lumpsum) List of items with breakup price to be furnished in case CPRI demands for the same. (This cost is optional hence will not to be considered for cost comparission evaluations.)			
6	<b>Guarantee/Warrantee period</b>			
7	<b>After sales and service facility (location of the facility and address to be furnished)</b>			
8	<b>Delivery period</b>			
9	<b>Validity of the offer</b>			
10	<b>Payment terms (as per CPRI payment terms)</b>			
11	<b>Details of enlistment if any under Department of expenditutre , Minsitry Of Finance , GOI.</b>			
12	<b>Name and address of the customer, if any to whome a similar equipment/items has been supplied with their purchase order number and date (as per the APPENDIX I).</b>			
13	<b>Whether a similar equipment could be demonstrated to our representative in case required.</b>			
15	<b>Acceptance for submission of security deposit in the event of placement of order.</b>			

PN:

- 1) The price bid shall be submitted in this format only.
- 2) All blue fields are madatorily to be filled in.
- 3) As a policy of CPRI High Sea Sales bids are not acceptable and shall be rejeced.
- 4) CPRI reserves the right to conduct "predispatch 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/machinary for the PDI shall be communicated in writing at lease 70 days in advance.
- 5) UNDER TAKING: THE OFFER MADE IS IN STRICT COMPLAINCE WITH THE QUALITY AND OTHER TECHNICAL REQUIREMENT MENTIONED IN SECTION - IV T.

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Section : Formats		FORMAT NO.:CPRI/PUR/ePBID/IMP
Topic : Price bid format for Non - Local supplies (Import) offers		

**Section IV NL - Price Bid format for Non - Local supplies (Import) Offer**

CENTRAL POWER RESEARCH INSTITUTE, BHOPAL Web: www.cpri.in, www.tenderwizard.com/CPRI

Tender Enquiry No : STDS/12-01/2020-21/PUR /STL/A-2011

Description of the Equipment/Goods/Services : Supply, Installation and training of 50Amps automatic high current resistance meter with necessary accessories.

Name and address of the Bidder

Quotation Number and Date

HSN code (Harmonized system nomenclature)

GSTIN No (if applicable)

SAC code (Services Accounting Code)

Income Tax permanent account number(PAN)

Details of EMD submitted

Sl.no	Partuculars	Qty	Unit Rate in Figures	Currency Type	Amount
1	FOB value of the complete system (Including mandatory spares, packing and forwarding charges) (The list of mandatory spares shall be provided in the technical bid without mentioning the price)	1			0.00
2	Insurance charges upto CPRI(ware house to ware house basis in Lumpsum)				0.00
3	Freight Charges,As applicable(Lumpsum)				
	3a) Air Freight Charges.(Lumpsum)				0.00
	3b) Sea Freight Charges.(Lumpsum)				0.00
4	Total CIP/CIF cost				0.00
	Total CIP/CIF cost in words				
5	Installation and commission charges in INR (Lumpsum)				0.00
5(a)	GST as applicable (GST rate in percentage only)				
	IGST				0.00
	CGST				0.00
	SGST				0.00
	UTGST				0.00
	CESS if any				0.00
	<b>TOTAL COST</b>				<b>0.00</b>

**Total Cost in Words**

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Section : Formats		FORMAT NO.:CPRI/PUR/ePBID/IMP
Topic : Price bid format for Non - Local supplies (Import) offers		

**Section IV NL - Price Bid format for Non - Local supplies (Import) Offer**

CENTRAL POWER RESEARCH INSTITUTE, BENGALURU/BHOPAL Web: www.cpri.in, www.tenderwizard.com/CPRI

Sl.no	Partuculars	Qty	Unit Rate in Figures	Currency Type	Amount
6	OPTION-1 : Post warrenty comprehensive AMC including, Labour, Travel, Spare Parts etc. in INR (lumpsum) (This cost is optional hence will not to be considered for cost comparission evaluations.)				

7	<b>OPTION-2 :</b> Optional accessories in INR (lumpsum) List of items with breakup price to be furnished in case CPRI demands for the same. (This cost is optional hence will not to be considered for evaluation)				
2	<b>Guarantee/Warrantee period</b>				
3	<b>After sales and service facility (location of the facility and address to be furnished)</b>				
4	<b>Delivery period</b>				
5	<b>Validity of the offer</b>				
6	<b>Payment terms (as per CPRI payment terms)</b>				
9	<b>Name and address of the customer, if any to whom a similar equipment/items has been supplied with their purchase order number and date (as per the APPENDIX I).</b>				
10	<b>Whether a similar equipment be demonstrated to our representative in case required.</b>				
12	<b>Acceptance for submission of security deposit in the event of placement of order.</b>				
NOTE : CPRI IS EXEMPTED FROM PAYMENT OF CUSTOMS DUTY UNDER NOTIFICATION NO.51/96 DATED 23-071996 AND AMENDED NOTIFICATION NO.24/2007-CUSTOMS DATED 1-3-2007(HOWEVER CONCESSIONAL CUSTOMS DUTY AND ADDITIONAL CUSTOMS DUTY AS APPLICABLE WILL BE CONSIDERED.					
UNDER TAKING: THE OFFER MADE IS IN STRICT COMPLAINE WITH THE QUALITY AND OTHER TECHNICAL REQUIREMENT MENTIONED IN SECTION IV T					

PROCUREMENT PROCEDURE OF CPRI (NON WORKS)					
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Section : Formats		Section : Formats		Documents : PPM	
Topic : Technical Specifications format		FORMAT NO.-CPRI/PUR/C/TBID/GTP			
Section IV T - Technical Specification					
Tender Enquiry No : STDS/12-01/2020-21/PIR /STL/A-2011					
Description of the Equipment/ Goods/ Services : Supply, Installation and training of 50Amps automatic high current resistance meter with necessary accessories.					
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					
To be completed by the Bidder					
Sl.No.	Technical Specifications/Parameters	Qty	Details of guaranteed technical parameters offered by the bidder	Guaranteed Technical Particulars (GTP)	Deviations from GTP
1	Place where equipment to be supplied				
2	Scope	1			
3	General				
4	Service Condition				
5	Number of channels				
6	Display				
7	Data logging				
8	Interface				
9	Printer				
10	Current source				
11	Protection				
12	Driving Voltage				
13	Current to be injected				
14	Input power Supply				
15	Accuracy & Range				
16	Enclosure				
17	Measuring time				
18	Accessories				
19	Manual				
20	Software				
21	Calibration certificate in the name of CPRI Bangalore				
22	Installation & commissioning				
23	Training				
24	Safety				
25	Spare				
26	Warranty				
	STL STDS CPRI BHOPAL				
	50 Amp, Automatic High Current resistance meter shall be digital and microprocessor based and shall be capable of measuring dc resistance of transformer winding of very low kVA rating to 50 MVA rating transformers				
	50 Amp, Automatic High Current resistance meter shall be digital and microprocessor based. A automatic, compact, light weight robust shock proof to work satisfactorily at site with reliability. The instrument while measuring the resistance of transformer winding, the charging during measurement and discharging after measurement should be faster. The instrument shall be supplied with two sets of measuring cables with suitable connectors for carrying out tests on cables of conductors cross section from 1sqmm copper and aluminium conductors.				
	• The Kit should be Rack Mounted unit which can be later on fitted in a trolley.				
	• The supplier shall submit list of customers to whom the instrument has been supplied in the past five years with the performance certificate.				
	• Temperature : -5 deg C to +55 deg C .				
	• HUMIDITY: 95% RH Non condensing.				
	Two channels shall be provided for measurement. It shall be possible to select either single or both channels for taking measurements.				
	As per selection, either the single or dual channel measurements shall be displayed on LCD Screen. It shall be possible to display the injected current, resistance values and time etc.				
	Data logging and storage of measurements shall be possible at the specified interval.				
	USB, RS232 interface shall be provided for downloading the data to a computer or external printer.				
	Shall have built-in Thermal printer to print the readings and corresponding time.				
	Shall be of constant current regulated supply to eliminate the effects of inductance .				
	Shall have over temperature protection and fuse protected. Voltage surge and overvoltage protection				
	Shall be 50 V or better, DC supply.				
	User selectable and Max Currents up to 50 Amps. The minimum range required is 50mA - 50A.				
	Suitable to use with 1 Ph. 150 – 260 V, 48 – 62 Hz.				
	• Typical Range(s) Upto 100k.				
	• Up to 10 with the Resolution: 0.05 µΩ or better Accuracy: ± 0.1% rdg ±0.05 µΩ or better.				
	• Up to 10 Ω with the resolution: 0.5 µΩ or better Accuracy: ± 0.1% rdg ± 0.5 µΩ or better.				
	• Up to 100 Ω with Resolution: 5 µΩ or better Accuracy: ± 0.1% rdg ± 5 µΩ or better.				
	•Upto 2kΩ with resolution:20 µΩ or better accuracy:0.1%rdg± 20 µΩ.				
	• Up to 10 Ω with Resolution: 200mΩ or better Accuracy: ± 0.2% rdg ± 200mΩ or better.				
	Shall be rugged, Dust proof , shock and vibration proof, Separate heavy duty plastic molded transport case with soft padded shall be provided, and it shall be suitable to carry for lab or field testing activities.				
	Resistance Reading shall be possible within 10 seconds after pressing START button.				
	Time interval between the resistance measurements during temperature rise test shall be user selectable between 10 s to 30s and shall be able to measure the resistance reading up to the duration selected by the user from 5 minute to 30 minute.				
	≥ 10m length of 50A test leads with clamps- 02 sets				
	Suitably configured branded laptop (hp/DELL/Lenovo) which enables to upload the data/ graphs from the instrument up to date (The complete configuration of laptop should be given in detail )				
	Maintenance & Operation Manual in English with detailed test procedures				
	All dedicated software, if any shall be supplied in original in CDs, shall be capable of calculating the temperature rise of transformer winding by Auto plotting the winding resistances during temperature rise tests. Latest version of software for REPORTING & DATA MANAGEMENT.				
	Calibration must cover all the scales from minimum to maximum currents. The system shall have calibration certificate traceable to National/International Standards from an NABL accredited lab or traceable to internationally traceable accredited bodies like APLAC/ILAC etc				
	Supply of instruments including Installation and Commissioning.				
	Should provide the complete demonstration of the product including Heat Run software for temperature rise test, winding resistance to CPRI officials for one day.				
	As per relevant International Standards with complying the India Electricity act.				
	10m length of 50A both current and voltage test leads with clamps - 01 set. Two sets of Fuses				
	Two year warranty from the date of successful commissioning at CPRI Service backup at least for 10 years.				

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, pamphlets, 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 "predispatch 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 least 70 days in advance.