

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/Station-2/A-2014

Description of the Equipment/Goods/Services : Test Bench for Verification of Tripping characteristic of the MCB.

Name and address of the Bidder *				
Quotation Number and Date*				
HSN code (Harmonized system nomenclature)*				
GSTIN No*				
SAC code (Services Accounting Code)*				
Income Tax permanent account number(PAN)*				
Details of EMD submitted*				
Sl.No	Particulars	Qty	Unit Rate in Rupees	Total Amount in Rupees
1	Basic Price (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
<i>1(a)</i>	<i>GST rate as applicable in percentage only</i>			
	<i>IGST</i>			0.00
	<i>CGST</i>			0.00
	<i>SGST</i>			0.00
	<i>UTGST</i>			0.00
	<i>CESS if any</i>			0.00
2	Transportation Charges (To be Quoted in Lumpsum ,if applicable)			0.00
<i>2(a)</i>	<i>GST rate as applicable in percentage only</i>			
	<i>CGST</i>			0.00
	<i>IGST</i>			0.00
	<i>SGST</i>			0.00
	<i>UTGST</i>			0.00
	<i>CESS if any</i>			0.00
3	Installation and Commissioning Charges (To be Quoted in Lumpsum ,if applicable)			0.00
<i>3(a)</i>	<i>GST rate as applicable in percentage only</i>			
	<i>CGST</i>			0.00
	<i>IGST</i>			0.00
	<i>SGST</i>			0.00
	<i>UTGST</i>			0.00
	<i>CESS if any</i>			0.00
TOTAL LANDED COST				0.00
Total Landed Cost in Words				

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 FORMAT NO.:CPRI/PUR/CPBID/IND

Section IV L - Price Bid for local supplies

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

4	OPTION-1 : 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	OPTION-2 : 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	Guarantee/Warrantee period			
7	After sales and service facility (location of the facility and address to be furnished)			
8	Delivery period			
9	Validity of the offer			
10	Payment terms (as per CPRI payment terms)			
11	Details of enlistment if any under Department of expenditutre , Minsitry Of Finance , GOI.			
12	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).			
13	Whether a similar equipment could be demonstrated to our representative in case required.			
15	Acceptance for submission of security deposit in the event of placement of order.			

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/Station-2/A-2014

Description of the Equipment/Goods/Services : Test Bench for Verification of Tripping characteristic of the MCB.

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	Particulars	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
	TOTAL COST				0.00

Total Cost in Words

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

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	Particulars	Qty	Unit Rate in Figures	Currency Type	Amount
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6	OPTION-1 : 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 comparison evaluations.)				
7	OPTION-2 : 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 comparison evaluations.)				
2	Guarantee/Warrantee period				
3	After sales and service facility (location of the facility and address to be furnished)				
4	Delivery period				
5	Validity of the offer				
6	Payment terms (as per CPRI payment terms)				
9	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).				
10	Whether a similar equipment be demonstrated to our representative in case required.				
12	Acceptance for submission of security deposit in the event of placement of order.				
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					

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Section : Formats

Documents : PPM

Topic : Technical Specifications format

FORMAT NO.:CPRI/PUR/eTBID/GTP

Section IV T -Technical Specification

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

Tender Enquiry No : STDS/12-01/2020-21/PUR/Station-2/A-2014

Description of the Equipment/Goods/Services : Test Bench for Verification of Tripping characteristic of the MCB.

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	To be completed by the Bidder		
			Details of guaranteed technical parameters offered by the bidder	Guaranteed Technical Particulars (GTP)	Deviations from GTP
1	Place where equipment /service to be supplied /provided	Station-2, STDS, CPRI, Bhopal.			
2	Scope	The scope of supply covers supply and commissioning of Test Bench for Verification of tripping characteristic of the MCB along with all necessary and optional accessories at STDS, CPRI, Bhopal. (one test bench with five stations)			
3	Equipment	1)Test Bench for Verification of tripping characteristic of the MCB as per IS 60898 and IEC 60898 standards. 2) Instruction manual in English & Software (if any)	One Set One Set		
4	Qualifying conditions	1)The supplier shall have experience of supplying similar type of set-ups which are functioning successfully in the field. Proof of such type of set-ups functioning satisfactorily shall be provided at the time of bid. 2) The supplier shall have technical service and support facility in India and technical experts who can provide technical support immediately. 3) Equipment calibration must be from any national or international accredited laboratory traceable to ILAC as per ISO/IEC 17025			
5	Application	Test Bench for Verification of the MCB after short-circuit tests will be used for conducting post short circuit tripping tests & verification of tripping characteristic as per IS 60898 and IEC 60898 standards.			
6		No deviations of technical specifications on the lower side will be acceptable. If there are any deviations in technical specifications, this should be clearly specified.			
7	Operating Temperature	0° C (Min.),50° C (Max.)			
8	Humidity	20-80% RH (Non Condensing)			
9	Altitude	523 meters above MSL			
10	Installation	Indoor			
11	Input supply	150V to 260V, Single Phase, 48-52Hz or			
12	MCB Test Bench				
	No. of Stations	Five, Each station should be able to test one MCB at a time. Five MCBs can be tested simultaneously on test bench.			
	Test Current Required for Trip & Non Trip tests	0.85 In, 1.1 In, 1.13In, 1.6In, 2.55 In & 2.8In (In is Rated Current of MCB) Test current should be adjustable as per the requirement			
	Rated Current of MCB (In)	0.5 A, 6 A, 8 A, 10 A, 13 A, 16 A, 20 A, 25 A, 32 A, 40 A, 50 A, 63 A, 80 A, 100 A and 125 A			
		At least one station should have 2.8 In for maximum current rating of MCB. All the tests stations to be controlled independently.			
	Current Output	Should be provided through copper bus bars			
	Accuracy	Over all accuracy of Bench should be better than class 1.			
		Time Interval meter / Timers- 0.5 Class or better			
		Voltmeter- 0.5 Class or better			
		Ammeter-0.5 Class or better			
	Trip Time	Each station should have separate trip time indication to measure trip time of individual MCB through digital time interval meter.			
		Digital Timer should have resolution of 5 Digit & one second or better. It should hold the display to show the exact trip time.			
		The bench must have an in-built timer with display to know the tripping time in the range of 0.1s-7200 s with 0.1 second resolution..			
	Trip Sensor	Each station should have trip sensor			
	Bypass	Each station should have bypass contactor arrangement & switch for manual bypass.			
		During tripping of one station MCB the current should not shoot up in other stations causing tripping of other MCBs			
	Alarm	Alarm for 'Test Over' should be provided along with visual indication			
	Rated frequency	48-52Hz			

	No of poles of MCB	Test bench should be capable of testing all types of MCB's like SP, SPN, DP, TP, TPN, FP				
		Bench should be floor standing on heavy duty castor wheels with locking arrangement.				
13	Test Current					
	Range	0- 370 A or more in one station and 0-200A in remaining in station. Current should be variable in steps				
	Current range selection	Manual, through shorting links				
	Control	Servo controller with True RMS sensing for stabilized AC Test current should be provided.				
	Ammeter	Digital Ammeter should be incorporated in servo controller.				
	Output	Should be provided through copper bus bars				
14	Output Voltage	Any Suitable voltage				
		Each station should have 0-500V Digital voltmeter to measure the test voltages				
15	Current Transformer	Current Transformer of Ratio 2, 5, 10, 20, 50, 100, 200, 300, 400(or 380)/ 1 A for 0-370A station and Current Transformer of Ratio 2, 5, 10, 20, 50, 100, 200/ 1 A in remaining stations				
		Ammeter (1A) should be connected to secondary of Current Transformer				
		Current Transformer Ratio selection should be manual				
16	Emergency stop	Emergency stop push button should immediately i) turns off power ii) current reset to zero iii) discharge.				
17	Manual	Two sets in English to be supplied in Hard copy - Operation and maintenance with troubleshooting - Drawings & circuit diagrams - Copy of software				
18	Training	Training on the equipment application & use shall be provided to the CPRI staff at CPRI, Bhopal				
19	Warranty	The warranty period shall be 18 (Eighteen) months from the date of receipt of all the equipment / materials at CPRI, Bhopal or 12 months from the date of commissioning whichever is earlier.				
20	Inspection	The equipments/instruments of the test set-up should be inspected at manufacturers work by CPRI representative before satisfactory delivery to CPRI. (The expenditure towards the pre dispatch inspection of CPRI official will be borne by CPRI.)				
21	Testing	The test bench will be tested at CPRI Lab to prove its performance in testing as per the relevant standards and specifications.				
22	Service backup	At least 5 years from the date of supply				
23	Calibration	The instruments (Ammeter, Current Transformer, Voltmeter & Time Interval Meter) shall have calibration certificate traceable to National/International Standards from an NABL accredited lab. Calibration charges if extra to be quoted separately. Calibration certificate date should be later than the date of Purchase order date. Calibration results shall comply with specifications.				
24	Delivery :	All the instruments / equipments shall be supplied to Station-2, STDS, CPRI, Bhopal Madhya Pradesh, India. The delivery period should be 3 months from the date of clear purchase order.				
25	Other terms & conditions :	All other terms and conditions shall comply with CPRI's purchase procedure.				

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 "pre-dispatch 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.