PROCUREMENT PROCEDURE OF CPRI (NON WORKS)

: 02 : 30.06.2003 : P A : PPM Revision No. : 05
Dt of Revision : 27.08.2020
Page No. : 1 of 2 Issue No. Issue Dt. Issued by Section: Formats

Topic: Price Bid format for local supplies (Indigenous offer)

Section IV L - Price Bid for local supplies

Document : PPM FORMAT NO.:CPRI/PUR/ePBID/IND

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-2013

Description of the Equipmen	t/Goods/Services: 1.2 ohm and 1.8 ohm Punch grid	resistance el	ements.	
	Name and address of the Bidder *			
	Quotation Number and Date*			
HSN	HSN code (Harmonized system nomenclature)*			
	GSTIN No*			
	SAC code (Services Accounting Code)*			
Incor	ne 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)		пирсь	
1	(The list of mandatory spares shall be provided in the technical bid without mentioning the			
1(a)	Two sets of 1.8 ohm punch grid resistance elements. Each set of elements consists of 25 punch grid resistance elements with each element having resistance of 0.072 ohm	2		0.00
1(b)	Two sets of 1.2 ohm punch grid resistance elements. Each set of elements consists of 24 punch grid resistance elements with each element having	2		0.00
1(c)	resistance of 0.05 ohm GST rate as applicable in percentage only			
	IGST			0.00
	CGST SGST			0.00
	UTGST			0.00
	CESS if any			0.00
2	Transportation Charges (To be Quoted in Lumpsum ,if applicable)			0.00
2(a)	GST rate as applicable in percentage only			
	CGST			0.00
	IGST SGST			0.00
	UTGST			0.00
	CESS if any			0.00
3	Installation and Commissioning Charges (To be Quoted in Lumpsum ,if applicable)			0.00
3(a)	GST rate as applicable in percentage only			
	CGST	·		0.00
	IGST			0.00
	SGST			0.00
	UTGST CESS if any			0.00 0.00
	TOTAL LANDED COST			0.00
Total Landed Cost in Words				

PROCUREMENT PROCEDURE OF CPRI (NON WORKS)							
Revision No. : 05 Revision No. : 05							
Dt of Revision : 27.08.2020				: 30.06.2003			
	Page No. : 2 of 2			: PA			
	on : Formats		Issued by Document	: PPM			
	pic: Price Bid format for local supplies (Indigenous	offer)		CPRI/PUR/@PBID/IND			
- 1	Section IV L - Price Bid for local supplies						
CENTRAL POWER RESEARCH INSTITUTE, BENGALURU/BHOPAL Web: www.cpri.in, www.tenderwizard.com/CPRI							
	OPTION-1:						
4	Post warrenty comprehensive AMC including, Labour,						
4	Travel, Spare Parts etc. in INR (lumpsum) (This cost is optional hence will not to be considered for cost						
	comparission evaluations.)						
	OPTION-2:						
	Optional accessories in INR (lumpsum)						
5	List of items with breakup price to be furnished in case						
5	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)						
	acinity and address to be furnished						
8	Delivery period						
	Benvery periou						
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.

PROCUREMENT PROCEDURE OF CPRI (NON WORKS) : 05 : 27.08.2020 Revision No. $Issue\ No\ : 2$ Issue Dt. : 30.06.2003 Dt of Revision Issued by : Q A
Documents : PPM : 1 of 2 Page No. Section : Formats FORMAT NO.:CPRI/PUR/@PBID/IMP : Price bid format for Non - Local supplies Topic (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-2013 Description of the Equipment/Goods/Services:1.2 ohm and 1.8 ohm Punch grid resistance elements. 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)				0.00
1(a)	Two sets of 1.8 ohm punch grid resistance elements. Each set of elements consists of 25 punch grid resistance elements with each element having resistance of 0.072 ohm	2			0.00
1(b)	Two sets of 1.2 ohm punch grid resistance elements. Each set of elements consists of 24 punch grid resistance elements with each element having resistance of 0.05 ohm	2			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 Coatin					

PROCUREMENT PROCEDURE OF CPRI (NON WORKS)

 Revision No.
 : 05
 Issue No. : 2

 Dt of Revision
 : 27.08.2020
 Issue Dt. : 30.06.2003

 Page No.
 : 2 of 2
 Issued by : Q A

Page No. : 2 of 2 Issued by : QA
Section : Formats Documents : PPM

: Price bid format for Non - Local supplies

(Import) offers

Topic

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

FORMAT NO.:CPRI/PUR/@PBID/IMP

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
	OPTION-1:				
_	Post warrenty comprehensive AMC including,				
6	Labour, Travel, Spare Parts etc. in INR (lumpsum) (This cost is optional hence will not to be considered for				
	cost comparission evaluations.)				
	OPTION-2:				
	Optional accessories in INR (lumpsum)				
7	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				
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				
	whome 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 WIIL BE CONSIDERED.

UNDER TAKING: THE OFFER MADE IS IN STRICT COMPLAINCE WITH THE QUALITY AND OTHER TECHNICAL REQUIREMENT MENTIONED IN SECTION IV T

PROCUREMENT PROCEDURE OF CPRI (NON WORKS)

Revisi : 04
Dt of R : 27.08.2020
Page N : 1 of ----Section : Formats
Topic : Technical Specifications format

ISSUE NO: 2 ISSUE DL: 30.06.2003 ISSUE DY: PA DOCUMENTS: PPM FORMAT NO::CPRI/PUR/CTBID/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-2013

Description of the Equipment/Goods/Services: 1.2 ohm and 1.8 ohm Punch grid resistance elements.

Note: 1) The technical bid submitted in other than this format is liable to be rejected.

		ther 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 S	pecifications/Parameters	Qty	Detials of guaranteed technical parameters offered by the bidder	Guaranteed Technical Particulars (GTP)	Deviations from GTP		
1	Place where equipment to be supplied	Station-2 STDS, CPRI, Bhopal						
2	Scope (supply / supply & Installation / supply, installation & training)	The scope of supply covers- supply, installation & commissioning of two sets of following punch grid resistance elements with necessary accessories and optional features spares at Station-2, STDS, CPRI, Bhopal						
		1) Two sets of 1.8 ohm punch grid resistance elements. Each set of elements consists of 25 punch grid resistance elements with each element having resistance of 0.072 ohm 2) Two sets of 1.2 ohm punch grid resistance elements. Each	02 (Two) Set					
		2.) I wo sets of 1.2 onm puncing pair resistance elements. Each set of elements consists of 24 punch grid resistance elements with each element having resistance of 0.05 ohm	02 (Two) Set					
	Common Specifications for 1.2 ohm & 1.8							
3	Application	Resistance are used for achieving desired short circuit current and power factor during tests.						
4	Operating Temperature	05° C (Min.),45° C (Max.),35° C (Ave.) 0-95% RH (Non Condensing)						
5	Humidity	0-95% RH (Non Condensing) 523 meters above MSL						
6	Altitude	Single phase						
7	Type							
8	Installation Style	Indoor on racks with help of rods Series/parallel grid assemblies						
10	Impulse withstand voltage of mounted set	75 kVpeak (1.2/50 micro second)						
11	1 min. power frequency voltage of mounted	28 kVrms for one minute						
12	Grid material	Heat resistant stainless steel type, DIN Standard 1.4821(equivalent to AISI 327) or better						
13	Heat resistant stainless steel max. admissible temperature	1100°C on hottest points						
14	Duty cycles for withstanding maximum admissible current	a. 0.2 s every 60 s						
<u> </u>		b. 1.0 s every 5 min						
<u> </u>		c. 3.0 s every 10 min						
15	Temperature coefficient	d. 4.0 s every 15 min						
16	Temperature coefficient Tolerance on resistances	±5%						
17	Tolerance on temperature coefficient	±10%						
18	ΔT for 0.2 s every 60 s Cycles (°C)	110						
19	ΔT for 4.0 s every 15 min Cycles (°C)	450						
20	ΔR for 0.2 s every 60 s Cycles (%)	5						
21	ΔR for 4.0 s every 15 min Cycles (%)	20						
<u></u>	Details of 1.8 ohm elements	I						
22	set/bank of Punch Grid Resistance	1.8						
23	Currents (Arms)	1,100						
24	Power (kW) Allowed Watt per grid element	2.178						
26	No. of grid elements in one set set/bank	25						
27	Resistance of each grid element (Ohm)	0.072						
28	Connection of grid elements	1 × 25 = 25 grid resistance in series with 1.8 Ohm						
	Details of 1.2 ohm elements							
29	Effective value of Resistance of one set/bank of Punch Grid Resistance	1.2						
30	Currents (Arms)	1,300						
31	Power (kW)	2.028						
32	Allowed Watt per grid element	88.34						
33	No. of grid elements in one set set/bank	24						
34	Resistance of each grid element (Ohm) Connection of grid elements	0.05 1 × 24 = 24 grid resistance in series with 1.2 Ohm						
33	Other Requirements for 1.8 ohm & 1.2 oh							
36	Qualifying Requirement	Elements supplied should be complete in all respect i.e. with holes at both ends for mounting, punched/stapled by metal sheet at both long edge ends with insulation for sturdiness along with rods to mount on racks.						
37	Dimensions	Dimensions of Punch grid resistance elements should be identical to existing ones and bidder can conduct measurements at CPRI, Bhopal during office hours.						
38	Testing	Punch Grid Resistance Elements will be tested at CPRI free of cost before commissioning.						
39	Warranty	Punch Grid Resistance Elements will have replacement guarantee/warrantee of Two year warranty from the date of successful commissioning at CPRI Service backup at least for 10 years.						
PN: 1) P	Mere statement of "Complied" do not suffice to	he requirement. The details of technical parameters in proof o	f CPRI requiremen	its shall be furnished along wit	h technical write-up, catalogues, broucher	s, literatures, phamplates, or any other		

P. 1) Mere statement of "Compiled" do not suffice the requirement. The details of technical parameters in proof of CPRI requirements shall be submitted in hard copy along with technical bid.

2) Calibrations reports/certificate, Eachtrizent form an accreditated 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/machinary for the PDI shall be committed towards PDI shall be some by CPRI. However information regarding the rediness of the equipment/machinary for the PDI shall be committed towards PDI shall be some by CPRI. However information regarding the rediness of the equipment/machinary for the PDI shall be committed towards PDI shall be some by CPRI. However information regarding the rediness of the equipment/machinary for the PDI shall be committed towards PDI shall be some by CPRI. However information regarding the rediness of the equipment/machinary for the PDI shall be submitted to have the properties of the equipment of the position of the p