

**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-2015

Description of the Equipment/Goods/Services : 60 Channel Data Logger (Temperature scanner along with T type Thermocouples) with necessary accessories

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)	2		0.00
1(a)	GST rate as applicable in percentage only			
	IGST			0.00
	CGST			0.00
	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			0.00
	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			0.00
	CESS if any			0.00
	<b>1</b>			
	<b>TOTAL LANDED COST</b>			<b>0.00</b>
<b>Total Landed Cost in Words</b>				

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

Issue No. : 02  
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**Section IV L - Price Bid for local supplies**

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

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.

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 Non - Local supplies (Import) offers			Issue No : 2 Issue Dt. : 30.06.2003 Issued by : QA Documents : PPM FORMAT NO.:CPRI/PUR/ePBID/IMP		
<b>Section IV NL - Price Bid format for Non - Local supplies (Import) Offer</b>					
CENTRAL POWER RESEARCH INSTITUTE, BHOPAL Web: www.cpri.in, www.tenderwizard.com/CPRI					
Tender Enquiry No : STDS/12-01/2020-21/PUR/STL/A-2015					
Description of the Equipment/Goods/Services : 60 Channel Data Logger. (Temperature scanner along with T type Thermocouples) with nessary accessories					
<u>Name and address of the Bidder</u>					
<u>Quotation Number and Date</u>					
<u>HSN code (Harmonized system nomenclature)</u>					
<u>GSTIN No (if applicable)</u>					
<u>SAC code (Services Accounting Code)</u>					
<u>Income Tax permanent account number(PAN)</u>					
<u>Details of EMD submitted</u>					
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)	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
	<b>TOTAL COST</b>				<b>0.00</b>
<b>Total Cost in Words</b>					
PROCUREMENT PROCEDURE OF CPRI (NON WORKS)					
Revision No. : 05 Dt of Revision : 27.08.2020 Page No. : 2 of 2 Section : Formats Topic : Price bid format for Non - Local supplies (Import) offers			Issue No : 2 Issue Dt. : 30.06.2003 Issued by : QA Documents : PPM FORMAT NO.:CPRI/PUR/ePBID/IMP		
<b>Section IV NL - Price Bid format for Non - Local supplies (Import) Offer</b>					
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	<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 comparison 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 cost comparison evaluations.)				
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					

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Revision : 04		Issue No : 2		Issue Dt. : 30.06.2003	
Dt of Rev : 27.08.2020		Page No : 1 of 1		Issued By : P A	
Section : Format		Topic : Technical Specifications format		Document : PFM	
Section IV T Technical Specification			FORMAT NO.CPRI/PUR/GTBD/GTP		
Tender Enquiry No : STDS/12-01/2020-21/PIR/STL/A/2015					
Description of the Equipment/Goods/Services : 60 Channel Data Logger. (Temperature scanner along with T type Thermocouples) 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)	Quantity	Two Set-up	2		
2)	Equipment	60 Channel Data Logger (Temperature Scanner along with T Type thermocouples) with necessary accessories	Two Set		
3)	Scope	T-Type Thermocouples (10meter): The data logger supplied shall have 60 Thermocouples in one unit or with add-on units and shall be portable	60 Nos. per data logger		
4)	General conditions required for all the	It covers supply, commissioning and training of 60 Channel Data Logger (Temperature Scanner) for measurement of temperature during Temperature rise test with necessary & optional accessories at STDS, CPRI, Bhopal.			
5)	General:	Measurement of temperature during Temperature rise test on all equipments as per IS and IEC standards.			
5.01	Power Supply	Instrument shall be rugged and robust design. Protective devices shall be provided to protect the meter from any type of faults inside or outside the equipment during test.			
5.02	Temperature measurement with T type thermocouple	AC: 240V, single phase, 50 Hz It shall be power-up with the help of inbuilt rechargeable battery to use it with out any external power supply on the field. Also inbuilt battery shall charge when it used with AC power supply.			
5.03	Measurement Parameters	Range 0 to 400 °C ,Resolution : 0.05 °C Overall Accuracy (For acquisition system along with 10 meter T-Type thermocouple): ± 1.0 °C or better for mesurement upto 150 °C			
5.04	Analog inputs	Temperature using Thermocouples – J, B, E, J, K, N, R, S, T			
5.05	Isolation Voltage	60 channel isolated to chassis			
5.06	Interface	±100V (Max voltage between input terminals), 250V DC, 300V AC/DC (between terminal and chassis) or better.			
5.07	Data Storage	Pen Drive connectivity for easy data storage and transfer. LAN interface-Data download via FTP, Remote control via HTTP, Send mail.			
5.08	Data Saving	It should have USB Flash Drive and CF card slot for data storage or transfer			
5.09	Monitoring & Controlling	Auto save(measuring data, calculation in real time), Manual save, Schedule save, Saving during power outage, Binary, CSV.			
5.10	Maximum possible channels	It should have Graphical Web interface for monitoring and control the			
5.11	Sampling rate	60 Channels or more			
5.12	Digital Filter	The sampling rate of each channel shall be atleast 10ms .			
5.13	PC connectivity	50 Hz and above frequency should eliminate in measurement of temperature.			
5.14	Recording capacity	Plug & Play with Ethernet and USB port			
5.15	Recording Interval	Approx. 100 days at 1s interval using 1 GB Card for 60 channels.			
5.16	Alarm Output	10ms to 5min, Time axis 100ms to 1day, repeat recording.			
5.17	Trigger Function	Buzzer, four channel or more with OR and AND criteria between channels			
5.18	Display	Single/Repeat, Logical OR/AND, Level/Window, Timer trigger from second to year			
5.19	Scanning Speed	5.7" TFT color LCD, backlight saving, Brightness change option or better.			
5.2	Data Reduction Rules and	atleast 40 Channels/sec			
5.21	Other Function	Data reduction rules and simulation mode shall be available with logging			
6)	Module Specification	A-B Cursor, Scaling, Rate adjustment, Comment input, Start/stop key lock.			
6.01	Calculation function &Math function	Calculation function. Max, min, peak, time at max, time at min, 4 arithmetic calculation between 4 channels display and saving of calculation graph data. Math function:The output display should be:-(1)suitable for(mx+b) correction			
6.02	Built in thermocouple cold junction	It should have built in thermocouple cold junction reference.			
6.03	It should have onboard screw terminals for pin connection				
7)	Accessories				
7.01	Accessories required with each set of data logger	1. 2GB PC card: 01 no. 2. Carrying case: 01 no. 3. Battery Pack: 01 no.			
7.02	Other Accessories	Bidder should list out the necessary and optional accessories required for data logger			
8)	Software				
8.01	Interface	Software shall able to interface multiple units of data logger in a single GUI. Maximum no. of units could be interface shall be specified by bidder.			
8.02	Display	waveforms, numerical values, alarm status, waveform scroll.			
8.03	Data Saver	Real time data transfer to excel, Event marks.			
8.04	Data Conversion	data calculation (including standard deviation, integration)			
8.05	Search Mode	Event, time/date, max/min position, alarm			
8.06	Printer function	Should be available			
9)	Conforming Standard	EN61010-1, EMC:EN61326-1, EN61000-3-2, EN61000-3-3,Anti vibration JIS D1601: 1995 5.3(1) Corresponds to class A.			
10)	Calibration	Calibration Certificate from any lab with valid accreditation as per ISO/IEC: 17025, 2017 traceable to National & International Standard for the data logger along with T-type thermocouples having length of 10 meters should be provided. The Calibration should be carried for all ranges.			
11)	Manuals	Two sets in English to be supplied in Hard copy - Operation and maintenance - Copy of software - Technical/ service manual			
12)	Other terms & conditions	All other terms and conditions shall comply with CPRI's purchase procedure. The circuit diagram, operation manuals, maintenance instructions of the test system/equipment/instrument shall be submitted in duplicate to CPRI alongwith the set up.			

13)	Service backup	At least 5 years from the date of supply				
14)	Demonstration at CPRI	Demo of equipment should be done at CPRI during evaluation at the Bidder's cost. If required the bidder shall arrange demo at the place where similar equipment has been supplied at their cost during evaluation.				
15)	Training	Training on the equipment use shall be provided to the CPRI officers at CPRI				
16)	Warranty:	The warranty period shall be 24 (Twenty Four) months from the date of receipt of all the equipment / materials at CPRI, Bhopal or 18 months from the date of commissioning whichever is earlier.				
17)	Delivery :	All the instruments / equipments along with all accessories and certificates shall be supplied to STDS, CPRI, Bhopal Madhya Pradesh, India. The delivery period should be 45 days from the date of clear purchase order.				
18)	Experience Certificate	List of customers & feedback from the atleast two customers having similar type of meters.				

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 "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 lease 70 days in advance.