

PACKAGE 1: SUPPLY OF SHORT CIRCUIT TRANSFORMERS



CENTRAL POWER RESEARCH INSTITUTE

(A Govt. of India Society, Ministry of Power)

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ESTABLISHMENT OF 350 MVA ONLINE SHORT CIRCUIT TEST STATION AT UHVRL, CPRI - HYDERABAD –

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(E-Tender)

(National/International Competitive Bidding)

NIT No.: CPRI BL18NIT08

Date: 28.11.2018

INFORMATION TO BIDDER

1.0 FOREWORD

CPRI invites online e-tender bids on single stage **two bid system** basis from eligible bidders for the Design, Engineering, Manufacture, Assembly, testing at Manufacturer's works, Supply, erection, installations and commissioning of Short circuit transformers as specified in the technical specifications to establish 350 MVA online short circuit test station at Ultra High Voltage Research Laboratory of CPRI at Hyderabad, Telangana, India as per the scope of work mentioned hereinafter.

The proposed **Online Short circuit test station** contains the following four test facilities viz.

Test facility 1: Short circuit and short time current withstand capability test facility for the LV equipment

Test facility 2: Short circuit and short time current withstand capability test facility for the MV equipment

Test facility 3: Supplementary and temperature rise test facilities for the Power Transformers

Test facility 4: Temperature rise test facilities for the LV/MV Switch Gear and Current transformers.

This package (PACKAGE-I) covers the supply of High Voltage (HV)/Medium Voltage (MV) Short circuit transformers

2.0 SCOPE OF WORK

2.1 The scope of the proposal shall be on the basis of a **single bidder's responsibility**, for the works specified under the accompanying specifications and documents.

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2.2 This scope covers the Design, Engineering, Manufacture, Assembly, Testing, Supply, erection, installation and commissioning of **Short circuit transformers** as specified in the technical specifications to establish 350 MVA online short circuit test station at **Ultra High Voltage Research Laboratory of CPRI at Hyderabad, Telangana, India.**

2.3 The supplier shall be responsible for the following activities:

a) Supply Part

- (i) detailed design and engineering,
- (ii) providing engineering drawings, data, operation manual etc., for the CPRI's approval and use,
- (iii) complete manufacture including stage inspection and shop testing,
- (iv) packing for tropical conditions and despatching from the manufacture's works up to CPRI, Hyderabad premises,
- (v) supply of spares, tools and tackles,

b) Transport, testing and erection, installation and commissioning Part

- (i) clearance and handling at port (for imported items), inland transportation to the test laboratories, repair & maintenance facility and up to site, receipt, storage, preservation and conservation of equipment at the site,
- (ii) pre-assembly, if any, for erection and testing,
- (iii) erection, installation and commissioning of the equipment
- (iv) Performance guarantee tests
- (v) Training of CPRI personnel at site.

3.0 Single stage, two bid system basis followed for this tender. The tender is classified into two parts:

PART 1: Techno-commercial Bid (Sealed Envelope) comprising Bid Security, requisite data on qualifying requirements, detailed technical aspects of the Plant and Equipment offered, supporting catalogues, documents and descriptive materials, data as required in Technical specifications, deviation list if any from employer's technical specifications and conditions of contract, work completion schedule, master network, integrity pact, quality assurance program, proposal for training program of CPRI personnel etc.

Bid Form (Techno-Commercial Bid) Section-VII, Part 1 of 2 duly completed and signed by the Bidder, together with all Attachments except Attachment 8, Attachment 12 and Attachment 16 identified in ITB Sub-Clause 9.2 shall be submitted in hard copy along with technical compliance sheet as per attachment-11. In addition, technical compliance - Annexure IV of Volume I, Part 2 of 2, Section VI-TS shall be uploaded through online portal www.tenderwizard.com/CPRI also.

PART 2: Price Bid - Section VII Part 2 of 2, Attachment 8, Attachment 12 and Attachment 16, comprising the financial details of the plant and equipment, mandatory spares, recommended spares, taxes and duties, transit insurance,

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storage cum installation insurance, transport and installation & commissioning etc. shall be submitted through **online portal www.tenderwizard.com/CPRI only.**

- 4.0.** The bidder documents for the procurement of the said package consisting of two volumes: Volume-I and Volume-II, each containing two parts.

Volume-I: Part 1:

Section I: Notice Inviting Tender (NIT) giving a brief description of the package and the requirements.

Section II: Details the Instruction to Bidders (ITB) – describes overall instruction to the bidders.

Section III: Bid Data Sheet (BDS): This includes the amendments to the GCC.

Section IV: General Conditions of Contract (GCC).

Section V: Special Conditions of Contract (SCC)

Volume –I: Part 2:

Section VI: details the Technical Specifications and Drawings (TS).

Volume II: Section VII-Part 1: Forms and Procedures

Volume II: Section VII-Part 2: Price Bid

- 5.0** The bid document consisting of the scope of work, technical specifications, quantities and the terms and conditions to be complied with and other necessary documents shall be purchased from **Purchase Authority, Purchase Division , Central Power Research Institute, P. B. No. 8066, Sadashivanagar P.O., Prof. Sir. C. V. Raman Road, Bengaluru-560080, Telephone No. +91-(0)80-22072271 / email id: purchase@cpri.in, as per the given schedule.**

NIT No.	CPRIBLR18NIT08
Bid documents on sale	From 18 th December, 2018 to 05 th February, 2019
Last date of receipt of queries prior to pre-bid conference	31 st December, 2018
Pre bid conference	21 st January, 2019 at Ultra High Voltage Research Laboratory Central Power Research Institute Post Bag No. 9, Uppal P.O, Warangal Highway, Hyderabad – 500098 Telangana State, INDIA

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Last date for receipt of Techno-commercial Bid	06 th February, 2019, 14.30 hrs (IST)
Techno commercial Bid Opening	07 th February, 2019 at 11.00 hrs (IST)
Cost of Bidding Document (Non-refundable and to be paid as per Bidding Document)	Rs. 10, 000 (Rupees Ten Thousand Only) per set for Indian Bidders and US \$ 150 (US Dollar one hundred and fifty only) per set for Foreign Bidders exclusive of Bank Charges, Commission etc.
Tender Processing Fee (Non-refundable and to be paid on line at the time of tender submission)	Rs.2950.00 (OR US \$ 54) (inclusive of service tax) through e-payment gate way. This is mandatory.
Earnest Money Deposit	As per Bidding Document, exclusive of Bank Charges, Commission etc.

NOTE:

1. The bidder / tenderer offer shall be rejected / disqualified for the following reasons:

1a The tenders without Tender Document Fee, Tender Processing fee and EMD.

1b Non receipt of EMD instrument in Original on or before due date.(which was uploaded at the time of tender submission)

1c The bids submitted on “High Sea Sale” basis.

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IMPORTANT INSTRUCTIONS TO BIDDERS TO PARTICIPATE IN e-TENDERING

1	The Bidders who are not registered for e-tendering on the website mentioned below are required to get prior registration with KEONICS, No.24, 3rd Stage, 4th Block, Basaveshwarnagar, Bengaluru -560 079 , after fulfilling the procedural formalities, including making payment of the requisite registration/processing fee ONLINE in favour of KSEDCL payable at Bengaluru. If needed, bidders can be imparted training on online bidding process as per details available on the website. Details of 'vendor registration' and 'Vendor brief help' are also available on the above e-tender portal.
2	One of the pre-requisites for participation in e-tendering is obtaining a valid Class III Digital Signature Certificate from one of the Digital Signature Certifying authorities such as NIC, MTNL, e-Mudhra, TCS, Safescrypt, GNFC etc., preferably through KEONICS.
3	On tender opening date, the Bidders can login and can witness the bids opening process. Sequel to the opening of bids at the prescribed date & time, the bidders would automatically receive cost comparison sheet.
4	Bidders must ensure to quote in the prescribed format included in the tender document. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue. In addition to this, while selecting any of the cells; a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
5	List of Documents to be scanned and uploaded along with bid: 8.1) Demand Draft/Banker's Cheque/FDR/BG issued by any of scheduled banks guaranteed by Reserve Bank of India, drawn in favour of the 'Chief Accounts Officer, CPRI, Bangalore (In case of submission of EMD by way of DD/ Bank guarantee, the original copy of the uploaded DD/BG should reach 'Purchase Authority, Central Power Research Institute, Bengaluru' on or before the due date and failing which the offer shall be rejected. 8.2) Certificates of PAN. 8.3) Certificate of Registration for GST, HSN & SAC codes etc.
6	Any queries regarding registration for e tendering can be got clarified through KEONICS e tender help desk. Contact No. 080- 49352000 / 9686196764 / 9686115318