



CENTRAL POWER RESEARCH INSTITUTE

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

POST BOX No. 8066, PROF. SIR. C.V. RAMAN ROAD,
SADASHIVANAGAR P.O., BENGALURU-560 080.

AUGMENTATION OF SHORT CIRCUIT TEST FACILITIES AT HIGH POWER LABORATORY, CPRI, BENGALURU -PACKAGE 1 SHORT CIRCUIT GENERATOR SYSTEM (2X2500MVA) AND ITS AUXILIARIES (International Competitive Bidding)

NIT No.: CPRIBLR18NIT05

Date: 18.06.2018

INFORMATION FOR BIDDERS

1.0 FOREWORD

CPRI invites sealed bids from eligible bidders on single stage two envelope bidding basis (Techno-commercial bid and price bid) for supply, installation and commissioning of a set of two 2500 MVA generator systems, complete with their excitation, driving and auxiliary systems and ready for stand-alone and parallel operation in the High Power Laboratory of CPRI, Bengaluru, as per the scope of work mentioned hereinafter.

2.0 SCOPE OF WORK

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

2.2 This scope covers the Design, Engineering, Manufacture, Assembly, Testing at Manufacturer/sub vendor's works, Supply, Installation, Testing and Commissioning of complete short circuit generator systems (2x2500MVA) including all Mechanical, Electrical, Control & Instrumentation works etc., for a set of two generator systems, with their excitation, driving and auxiliary systems, ready for stand-alone and parallel operation with the existing 2500 MVA generator, to yield short circuit power of 2500, 5000 and 7500 MVA at High Power Laboratory of CPRI, Bengaluru.

2.3 The supplier shall be responsible for the following activities:

a) Feasibility study to interface the proposed new generator systems with the existing generator system to operate in parallel. The feasibility report for the same shall be part of the bid submitted to CPRI.

b) Supply Part

(i) Detailed design and engineering of all the equipment,

(ii) Providing engineering drawings, data, operation manual etc., for the CPRI's approval and use,

(iii) Complete manufacture including shop testing,

- (iv) Packing for tropical conditions and despatching from the manufacture's works shipment up to port of entry in India,
 - (v) Supply of spares, tools and tackles,
 - (vi) Training of CPRI personnel at manufacturer's works.
- c) Erection Part
- (i) Clearance and handling at port, inland transportation, receipt, storage, preservation and conservation of equipment at the site under tropical conditions,
 - (ii) Pre-assembly, if any, and erection of all the equipment,
 - (iii) Performing testing at site, commissioning and conducting reliability tests and other performance and guarantee tests of all the equipment,
 - (iv) Training of CPRI personnel at site.

3.0 Single stage, two envelopes system (two bid systems) is followed for this tender. The tender is classified into two parts:

PART 1: Techno-commercial Bid (Sealed Envelope No. 1) comprising Bid Security, requisite data on qualifying requirements, feasibility report, 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.

PART 2: Price Bid (Sealed Envelope No.2) comprising the financial details of the plant and equipment, mandatory spares, type tests, spares, taxes and duties, insurance, transport and installation & commissioning etc.,

Techno-commercial bids including qualifying criteria will be opened first. After evaluating the Techno-commercial bids by following the stipulated procedures, the list of technically qualifying bidders will be prepared. Subsequently the price bid will be opened on date and time fixed by CPRI. All the technically qualifying bidders will be informed to attend the price bid opening.

4.0 The bidding documents for the procurement of the said package consists 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 Instructions to Bidders (ITB) - describes overall instructions to the bidders.

Section III: Bid Data Sheet (BDS) which includes the amendments to ITB

Section IV: General Conditions of Contract (GCC).

Section V : Special Conditions of Contract (SCC) is an amendment to the GCC.

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 schedules.

- 5.0** The bid documents can be purchased from Purchase Authority, 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 or at Purchase Division, CPRI, Bengaluru, as per the given schedule.

NIT No.	: CPRIBLR18NIT05
Document Sale date & Timing	: From 20 th June, 2018 to 2 nd August, 2018 : From 09.00 hrs to 17.30 hrs (IST)
Last date of receipt of queries prior to pre-bid conference	: 4 th July, 2018
Pre bid conference Date	: 11 th July, 2018
Last date for receipt of Bid	: Up to 3 rd August, 2018 by 14.30 hrs (IST)
Techno commercial Bid Opening Date & Time	: 6 th August, 2018 at 11.00 hrs (IST)
Cost of 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.