

**BHARAT HEAVY ELECTRICALS LIMITED
TRANSMISSION BUSINESS GROUP
(SUBCONTRACTS MANAGEMENT)
LODHI ROAD
NEW DELHI**



TENDER DOCUMENTS

FOR

DESIGN, SUPPLY, CIVIL WORK AND ETC OF 400KV TRANSMISSION LINE & TOWERS (DOUBLE CIRCUIT) FOR 750 MW PRAGATI CCPP AT BAMNAULI IN DELHI.

CUSTOMER

PRAGATI POWER CORPORATION LIMITED

**TENDER SPEC.NO:- TBSM/BAMNAULI/TL/TENDER
DATED: 23/03/2011**

TRANSMISSION BUSINESS GROUP **(SUBCONTRACTS MANAGEMENT)**

INDEX

<u>Sl No.</u>	<u>Description</u>	<u>No. of Pages</u>
1.0	Notice Inviting Tender	07
2.0	Procedure for submission of sealed tenders	02
3.0	Project information	01
4.0	HSE Specification No. TBSM-HSE-SPES. Rev 00, dtd. 28.10.03	06
5.0	Conditions of contract for Civil works	70
6.0	Condition of Contract for Erection works	106
7.0	Special Terms and Conditions for Civil Works	09
8.0	Special terms and conditions for ETC Works	09
9.0	Special terms and conditions for Supply Part	06
10.0	Site Information	01
11.0	Bill of Quantity for ETC Works – Part A	02
12.0	Bill of Quantity for Civil Works – Part B	01
13.0	Bill of Quantity for supply items – Part C	01
14.0	Earthing Drawing	01
15.0	No Deviation Certificate	01

BHARAT HEAVY ELECTRICALS LIMITED

TRANSMISSION BUSINESS GROUP

(Subcontracts Management)

Lodhi Road New Delhi-110003

TELEPHONE: 011-41793314, FAX: 011-24369509, e-mail:- premprakash@bhelindustry.com

NOTICE INVITING TENDER

REF:. TBSM/DPL/TL/TENDER

DATE: 23.03.2011

SUB: DESIGN, SUPPLY, CIVIL WORK AND ETC OF 400KV TRANSMISSION LINE & TOWERS (DOUBLE CIRCUIT) FOR 750 MW PRAGATI CCPP AT BAMNAULI IN DELHI.

Dear Sirs,

1. Sealed tenders are invited for the following works:

NAME OF WORK	TIME OF COMPLETION	EARNEST MONEY DEPOSIT (Rs.)	TENDER SUBMISSION DATE AND TIME	TENDER OPENING DATE & TIME
Design, Supply, Civil Work And ETC Of 400kv Transmission Line & Towers (Double Circuit) for 750 MW Pragati CCPP at Bamnauli in Delhi. Customer – Pragati Power Corporation Limited	7 months from the date of issue of LOI.	Rs.2,00,000/- (in form of DD or Pay Order)	13.04.2011 15.00 hrs.	13.04.2011 15.30 hrs. (Technical bid only) and Date of opening of Price bid Shall be informed to tenderer subject to techno commercial acceptance of offer.

2. ADDRESSES FOR SUBMISSION AND OPENING OF TENDER:

**BHARAT HEAVY ELECTRICALS LIMITED,
TRANSMISSION BUSINESS GROUP,
Lodhi Road New DELHI,
ATTN : Prem Prakash, AGM (TBSM)
Phone : 01141793117, Fax : 011-24369509
e-mail: premprakash@bhelindustry.com**

3. The prospective bidders who have downloaded the tender documents from our website are requested to send their acknowledgement and willingness to participate in the tender to the undersigned, through fax or email.
2. Offers should be strictly in accordance with the Tender Specifications and General Instructions to Tenderer enclosed herewith.

3. The contractor shall give his explicit confirmation without any deviations to the HSE (Health, Safety and Environment) requirements as per enclosed specification No. TBSM-HSE-SPES, Rev-00 Dtd. 28.10.2003. Contractors are also required to furnish details as per Annexure (HSE) to NIT along with their offer. Offers received without compliance & data about HSE requirements are liable to be rejected.
4. Clarifications, if any, can be obtained from the undersigned but such requests should be submitted well before the due date for submission of tenders. Due date for submission and opening of tenders will not be extended on such grounds.
5. Technical Bid will be opened in the office of undersigned. If required, technical discussions will be held with only those bidders who have taken any deviations. Bidders representative may be present during technical bid opening for technical discussion, if required. The price bids will be opened subsequently, after Technical Bids of all the Tenderers which have been evaluated and finalized. Bidders should quote their most competitive rates as there will not be any price negotiation. However if felt necessary by BHEL, price negotiation will be held with lowest bidder (L-1) only. IT WOULD BE PREFERRED THAT YOUR OFFER IS WITHOUT ANY DEVIATION w.r.t. TENDER SPECIFICATIONS AND THE SAME MAY BE CLEARLY MENTIONED ON THE COVERING LETTER ACCOMPANYING THE TECHNICAL BID. Offers with deviations are likely to be rejected. However if the bidder insists on any technical or commercial deviations, from the specification and/or tender conditions, the price implication if any, of withdrawing the deviations must be submitted along with the price bid in a separate sealed envelope superscribed "Price Implication for withdrawal of deviations". No price implication for withdrawal of deviation shall be accepted at a later date, after the opening of technical bid.
6. **BHEL reserves the right to go for a Reverse Auction instead of Opening the submitted sealed bid, which will be decided after technical evaluation.** As such, the bidders should submit their best prices in the 'Sealed Price Bid'. However, bidders are required to confirm their acceptance of "General terms and conditions" governing RA specifically in their technical bid. The "General terms and conditions" governing RA are given below in the NIT. Bidders are also required to furnish following details in their techno-commercial bid, for this purpose (RA).

Authorization of representative who will participate in the on line Reverse auction Process;

- a. Name and Designation of official
 - b. Postal Address (Complete)
 - c. Telephone Nos. (Land line & Mobile both)
 - d. FAX No.
 - e. E-mail address
 - f. Name of Place/ State/ Country, wherefrom he will participate in the RA.
7. All material such as cement, steel, coarse/ fine aggregate, bricks etc. required for construction works have to be procured from approved sources only. It will be the bidder's responsibility to get the approval of vendors / material.
 8. **Certain clauses of the "Condition of contract for civil works" and "Conditions of Contract for Erection works" have been modified in "Special Terms & Conditions for ETC Works" and " Special Terms & Conditions for Civil works" , respectively, enclosed with the NIT. Wherever there is a contradiction, the clauses mentioned in these "Special Terms & Conditions of Contract" shall supersede the respective clauses specified in "Conditions of Contract for civil works" and "Conditions of Contract for Erection works".**

9. Offers will be scrutinized based on the qualifying requirements and only those who are technically and financially capable to execute the Job and who fulfil the Qualifying Requirements [QR] are eligible to quote against the above NIT. However, final acceptance of the bidder/ offer shall be subject to acceptance of our customer.
10. In case any adverse information is received concerning performance, capability or conduct of the bidder after issue of tender enquiry, BHEL reserves the right to reject the offer at any stage as deemed fit.
11. The Bidders are advised to visit the site prior to submission of their offer.
12. The purchase preference for central P.S.U.s shall be given as per the prevailing Government policy.
13. Work schedule and the deployment of manpower and T&P resources committed by the contractor in their offer, to match the scheduled completion, shall be submitted by contractor and mutually agreed with site In-charge immediately after the award of work. Further, the contractor shall mobilise at site within two weeks of award of work.
14. BHEL reserves the right to:
 - a. Accept or reject any bid received at its discretion without assigning any reasons whatsoever.
 - b. Postpone the above mentioned date, split and distribute the work among more than one bidder without assigning any reason whatsoever.
 - c. May ask for further qualification during techno commercial scrutiny of bids received.
 - d. Issue three separate LOI / Work Orders for Civil, ETC and Supply to a single bidder.

Thanking you,

Yours faithfully,
For and on Behalf of BHEL,

(Prem Prakash)
AGM (TBSM)

TO BE FILLED BY TENDERER

Certified that General Instructions and Information for tenderer have been read/ complied / agreed to and each page of tender offer has been initialled and stamped.

(Signature & Seal of Tenderer)

Name and Designation of Authorised person (s)
signing the tender on behalf of the tenderer.

GENERAL TERMS AND CONDITIONS OF REVERSE AUCTION (RA)

Against this enquiry for the subject item / work with detailed scope as per our tender specification, BHEL – TBG, New Delhi may resort to “REVERSE AUCTION PROCEDURE” i.e. **ONLINE BIDDING on INTERNET.**

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on Internet.
3. In case BHEL decides to conduct reverse auction, BHEL's service provider shall contact the vendor directly and impart them the training.
4. Business rules like event date, time, start price, bid decrement, extensions, etc. also will be communicated through service provider for compliance.
5. Vendors have to fax the compliance form in the prescribed (provided by service provider) before start of Reverse auction. Without this the vendor will not be eligible to participate in the event.
6. **BHEL will provide the calculation sheet (for eg. The excel sheet) to arrive at the total cost to BHEL (i.e. total cost of Civil, ETC & supply parts) in line with the NIT conditions / subsequent clarifications, if any etc. For subject works, which is to be worked out as per BOQ given in tender enquiry & subsequent changes, if any. Excel sheet shall be provided prior to Reverse Auction.**
7. Reverse auction will be conducted on schedule date & time.
8. At the end of reverse auction event, the lowest bidder value will be known on the network.
9. The Lowest bidder has to fax the duly signed filled-in prescribed format as provided on case-to-case basis to BHEL through service provider within 24 hours of auction without fail.
10. Any variation between the on-line bid value and signed document will be considered as sabotaging the tender process and will invite disqualification of vendor to conduct business with BHEL as per prevailing procedure.
11. In case BHEL decides not to go for Reverse auction procedure for this tender enquiry, the price bids and price impacts, if any already submitted and available with BHEL shall be opened as per BHEL standard practice.

Authorization of representative who will participate in the on line Reverse Auction Process:

1	NAME & DESIGNATION OF OFFICIAL	
2	POSTAL ADDRESS (COMPLETE)	
3	TELEPHONE NOS. (LAND LINE & MOBILE BOTH)	
4	FAX NO.	
5	E-MAIL ADDRESS	
6	NAME OF PLACE / STATE / COUNTRY, WHEREFROM S/HE WILL PARTICIPATE IN THE REVERSE AUCTION	