



(DOMESTIC COMPETITIVE BIDDING)  
DETAILED INVITATION FOR BIDS

IFB No.: CC/C&M/C-310 Date of Issue: 19/02/2013

**Package: R&M Work of ESP Renovation& Retrofitting at Durgapur CPP-II (2X60MW)**

- 1.0 NSPCL invites e-bids on NSPCL e-tender web portal [www.tenderwizard.com/NSPCL](http://www.tenderwizard.com/NSPCL) in two stage i.e. Stage-I (Techno-commercial) Bid and Stage-II (Price) Bid from eligible bidders for **R&M Work of ESP Renovation& Retrofitting at Durgapur CPP-II (2X60MW)** located at DSP Complex, Durgapur, District Burdwan in the state of West Bengal as per the brief Scope of Work mentioned hereinafter.
- 2.0 The brief scope of work for the subject package is as under:
- a. Modification of existing ESP to achieve the targeted emission level 50 Mg/Nm<sup>3</sup> from the present operating emission level to meet pollution control norms through retrofitting / renovation with additional collection area:
- (Option - I)** Renovate the existing ESP to enhance the collecting area through redesign / re-engineering work like increasing its height, increasing the collecting electrode spacing, adding additional field in series in the available space and /or Install new additional ESP similar to the renovated ESP in parallel in the free space available to achieve the targeted emission level.
- OR**
- (Option - II)** Renovate the existing ESP to enhance the collecting area through redesign / re-engineering work like increasing its height, increasing the collecting electrode spacing, adding additional field in series in the available space and converting last one / two fix field of existing ESP to MEEP field and/or Install new additional ESP similar to the renovated ESP in parallel to it in the free space available consisting of fix field and MEEP field in the available space to achieve the targeted emission level.
- b. All Civil works including foundation for new fields of existing ESP & new parallel ESP, Construction of new ESP Control room (common for two units).
- c. Wet Ash handling system for additional field of modified ESP & new ESP.
- d. Supply, installation and commissioning of electrical system including four nos. (04) nos. 6.6kV/415V Transformers, associated power, control & instrumentation cables, switch gear and protection.
- e. Replacement of internals of existing ESP and E&C of modified ESP and new ESP
- f. CFD modeling of New as well as modified ESP.
- g. Supply of item / component as required.
- h. Supply of Mandatory spares as detailed in technical specification.
- i. Services like dismantling / repair / overhaul/retrofitting of various other components / systems / sub-systems as may be required, to ensure sustained, safe commercial operation, and to meet stipulated design / guarantee requirements and to meet the overall objectives of retrofitting of ESP.
- j. The scope of work also includes erection of the total equipment, commissioning, gas distribution testing, trial operation, Performance guarantee testing etc.
- 3.0 NSPCL intends to finance the subject Package through Domestic Borrowings& internal accruals.
- 4.0 Detailed specification, scope of work and terms & conditions are given in the bidding documents, which are available for examination at the address given below till the last date for requesting the bidding documents indicated herein. The salient details and schedule for the bidding is as under:



Document No	CC/C&M/C-308
Source of IFB/NIT	NSPCL Corporate Office
Contract Classification	Equipment Supply & Erection
Document Download / Sale Commencement Date & Time	03/03/2014 10:00:00
Document Download / Sale Close Date & Time	24/03/2014 17:00:00
Last Date & Time for Receiving Clarifications	.././2014 17:00:00
Amendment/clarification if any to bid document by NSPCL	.././2014 17.00.00
Last Date and Time for techno-commercial Bid submission	.././2014 14:30:00
Techno-commercial Bid Opening Date & Time	.././2014 15:00:00
Date of submission of Stage- II (Price) Bid	shall be intimated separately
Cost of Bidding Documents	Rs. 11,250/-
Bid Security / EMD	Rs. 80,00,000/-

- 5.0 A complete set of Bidding Documents is to be downloaded from NSPCL's e-tender website "<http://www.tenderwizard.com/NSPCL>" after registration on the website and after paying the cost of bidding documents (non-refundable) as mentioned at clause 4.0 above in the form of an Account Payee Demand Draft / Bankers' Pay Order in favour of NTPC-SAIL Power Company Private Limited or "NSPCL" payable at New Delhi or through Electronic Money Transfer into NSPCL's Account No. 0007 0500 2031 of ICICI Bank, Connaught Place Branch, New Delhi, (IFSC Code ICIC 0000007) and entering its details at the appropriate place on the website. The original of the Demand Draft / Bankers' Pay Order or printed copy of the transaction statement for the Electronic Money Transfer is to be submitted in original at the address indicated below along with the Earnest Money Deposit.
- 5.1 Only the downloaded documents are to be used for bidding purposes. Bids shall be submitted and opened at the address given below in the presence of Bidder's representatives who choose to attend.
- 5.2 All bids must be accompanied by Bid Security for an amount of **INR 80,00,000/- (Indian Rupees Eighty Lac only)** in the form as stipulated in the Bidding Documents.
- BIDS FOR WHICH ACCEPTABLE BID SECURITY AND COST OF BIDDING DOCUMENTS IN A SEPARATE SEALED ENVELOPE IS NOT RECEIVED PHYSICALLY AT THE ADDRESS INDICATED BELOW SHALL BE REJECTED BY THE EMPLOYER AS BEING NON-RESPONSIVE AND RETURNED TO THE BIDDERS WITHOUT BEING OPENED.***
- 5.3 The Bidder may examine the bidding documents and may request for any modification or clarification or suggestions or deviation to the bidding documents prior to the specified last date for clarifications. The bidders are required to send his request to NSPCL at emails [rajendra010614@gmail.com](mailto:rajendra010614@gmail.com) and [ahirwar\\_rp@gmail.com](mailto:ahirwar_rp@gmail.com) for any modification or clarification or suggestions through email only on or before the specified last date for the same.
- 5.4 Subsequent to last date for receipt of clarifications, NSPCL shall internally review the clarifications/ suggestions/deviations of the bidders and transmit the response (without identifying the source of query) to all prospective Bidders who have received the bidding documents. The response shall be sent through amendments/ clarifications to the bidding documents through email. While making his Techno-Commercial Bid & Price Bid; the bidder shall take into consideration all terms, conditions and specifications of the Bidding Documents, the amendment(s)/ clarification(s)/ addenda/errata (if any) issued by NSPCL prior to opening of Techno-Commercial Bids.
- 5.5 In case any modification (s) or clarification (s) or suggestion (s) of the bidders is / are not accepted in the said amendments/ clarifications made to the bidding documents; the bidders shall suitably take in to account the implication of such modification or clarification or suggestions by the bidder into their bid prices, if any, and submit their bid without any further modification or clarification or suggestions or deviation.
- 5.6 All corrigendum/ Modification/Updates for this IFB will only be published on [www.nspcl.co.in](http://www.nspcl.co.in) and [www.tenderwizard.com/NSPCL](http://www.tenderwizard.com/NSPCL) websites. Bidders are requested to visit these websites frequently to update themselves.
- 5.7 During the submission of Techno-Commercial Bid, Bidders shall be required to furnish a 'No Deviation Certificate' confirming full compliance to the terms, conditions and Technical Specifications of Bidding Documents and Amendment(s)/ Clarification(s) (if any), failing which bids shall be rejected and will not be opened.



## 6.0 Qualifying Requirements for Bidders (QR):

6.1.0 The bidder should have designed, supplied, erected / supervised erection and commissioned / supervised commissioning of ESP of the type offered (either rigid discharge framework Electrostatic Precipitator or Moving electrode plate type design ESP (MEEP) having design efficiency not less than 99% operating in conjunction with pulverized coal fired steam generating unit rated for a minimum of 60 MW unit size or minimum 260 T/hr steaming capacity, which is in successful operation in at least one (1) installation for a period not less than one (1) year prior to the date of Techno-Commercial bid opening.

**OR**

6.1.1 A) The bidder shall be an organization who have executed / are executing Renovation and Modernization (R&M) or up gradation or retrofitting of ESPs for Pulverised coal fired steam generating units rated for a minimum of 60 MW unit size or minimum 260 T/hr steaming capacity and shall associate with an Electrostatic precipitator manufacturer who meets the requirements as per 6.1.0 above. Bidder shall however offer only the type of ESP for which his associate qualifies.

B) The bidder shall along with the bid furnish an undertaking jointly executed by him and the Electrostatic Precipitator manufacturer for the successful performance of Electrostatic Precipitator, as per the format enclosed in the bidding documents in which the Electrostatic Precipitator manufacturer and the bidder are jointly and severally liable to the Employer to perform all the contractual obligations including the technical guarantees for the complete Electrostatic Precipitator. The deed of joint undertaking shall be submitted along with the bid, failing which the bidder shall be disqualified and his bid shall be rejected. In case of award, the Electrostatic Precipitator manufacturer will be required to furnish on demand a bank guarantee for 2% of the total contract price of Electrostatic Precipitator package in addition to the contract performance security to be furnished by the bidder.

## 6.2.0 Financial Criteria:

6.2.1 The average annual turnover of the Bidder, in the preceding three (3) financial years as on the date of bid opening, shall not be less than **INR 228 Million (Indian Rupees Two Hundred Twenty Eight Million Only)** or in equivalent foreign currency.

6.2.2 The Net Worth of the Bidder as on the last day of the preceding financial year shall not be less than 25% of the paid-up share capital.

6.2.3 In case the Bidder is not able to furnish its audited financial statements on standalone entity basis, the un-audited unconsolidated financial statements of the bidder can be considered acceptable provided the bidder furnishes the following further documents on substantiations of its qualification:

- (i) Copies of the unaudited unconsolidated financial statements of the Bidder along with copies of the audited consolidated financial statements of the Holding Company.
- (ii) A Certificate from the CEO/CFO of the Holding Company, as per the format enclosed in the bid documents stating that the unaudited unconsolidated financial statements form part of the consolidated Annual Report of the Company.

In case where audited results for the last preceding financial year are not available certification of financial statements from a practicing Chartered Accountant shall also be considered acceptable.

6.2.4 In case a Bidder does not satisfy the financial criteria, stipulated at Cl. 6.2.1 and/ or Cl.6.2.2 above on its own, the Holding Company would be required to meet the stipulated turnover requirements at Cl. 6.2.3 above, provided that the net worth of such Holding Company as on the last day of the preceding financial year is at least equal to or more than the paid-up share capital of the Holding Company in such an event, the Bidder would be required to furnish along with the bid, a Letter of Undertaking from the Holding Company, supported by Board Resolution, as per the format enclosed in the bid documents, pledging unconditional and irrevocable financial support for the execution of the Contract by the Bidder in case of award.

6.2.5 The unutilized line of credit for fund based and non-fund based limits with cash and bank balances including fixed deposits of the Bidder as on a date not earlier than 15 days prior to the date of bid opening, duly certified by its bankers shall not be less than **INR 170.00Million (Indian Rupees One Hundred Seventy Milliononly)** or in equivalent foreign currency. In case certificates from more than one bank are submitted, the certified unutilized limits shall be of the same date from all such banks.



- 6.2.6 Where another Company of the group acting as the Treasury Centre is responsible for Treasury Management of the Bidder having combined credit/guarantee limit for the whole group, the Bidder would be required to provide a Banker's certificate regarding the unutilized line of credit for fund based and non-fund based limits together with cash and bank balances including fixed deposits available to such Treasury Centre. Further, Treasury Centre shall certify that out of the aforesaid limits certified by the bankers, the Bidder shall have access to the line of credit of a level not less than the specified amount at Cl. 6.2.5 above. In proof of this, the Bidder would be required to furnish along with its bid, a Letter of Undertaking from the Treasury Centre, supported by a Resolution passed by the Board of Directors of the holding company, as per the format enclosed in the bid documents, pledging unconditional and irrevocable financial support for the execution of the Contract by the Bidder in case of award.
- 6.2.8 In case the Bidder's unutilized line of credit for fund based and non-fund based limits specified at Cl. 6.2.5 above is not sufficient, a comfort letter from one of the bankers specified in the bid documents unequivocally stating that in case the bidder is awarded the Contract, the Bank would enhance line of credit for fund based and non-fund based limits to a level not less than the specified amount to the bidder or to the Treasury Management Centre as the case may be, shall be acceptable.

**NOTES:**

- i) Net worth means the sum total of the paid up capital and free reserves. Free reserve means all reserves credited out of the profits and share premium account but does not include reserves credited out of the revaluation of the assets, write back of depreciation provision and amalgamation. Further, any debit balance of Profit and Loss account and miscellaneous expenses to the extent not adjusted or written off, if any, shall be reduced from reserves and surplus.
- ii) Other income shall not be considered for arriving at annual turnover.
- iii) For unutilized line of credit for fund based and non-fund based limits and turnover indicated in foreign currency, the exchange rate as on 7 days prior to the date of bid opening shall be used.
- 6.2.8 Notwithstanding anything stated above, the NSPCL reserves the right to assess the capabilities and capacity of the Bidder / his collaborators / associates / subsidiaries / group companies / holding company to perform the contract, should the circumstances warrant such assessment in the overall interest of NSPCL. Such assessment shall include, but not be limited to, the evaluation of adequacy of facilities, services, resources, design / engineering capability and financial capability.
- 7 NSPCL reserves the right to reject any or all bids or cancel/withdraw the Invitation for Bids without assigning any reason whatsoever and in such case no bidder/intending bidder shall have any claim arising out of such action.
- 8 Issuance / Downloading of Bid Documents by any Bidder or payment / acceptance of tender documents cost shall not construe that such Bidder is considered to be qualified.
- 9 Bids shall be submitted and opened at the address given below in the presence of Bidder's representatives who choose to attend the bid opening.
- 10 Transfer of Bidding Documents purchased by one intending Bidder to another is not permissible.
- 11 Address for Communication:  
AGM(C&M) / DGM(C&M)  
NTPC-SAIL POWER COMPANY PRIVATE LIMITED  
4th Floor, NBCC Tower,  
15, Bhikaji Cama Place,  
New Delhi-110 066  
Phone: 011-26717376 / 26717377,  
Fax: 011-26717365 / 26717363  
E-mails: [rajendra010614@gmail.com](mailto:rajendra010614@gmail.com) or [ahirwar rp@gmail.com](mailto:ahirwar rp@gmail.com)