



(DOMESTIC COMPETITIVE BIDDING)
DETAILED INVITATION FOR BIDS

IFB No.: CC/C&M/C-329 Date of Issue: 30/04/2014

Package: Dry Ash Extraction and Transportation Plant Package for Bhilai PP-II (2x30 + 1x14)MW

- 1.0 NSPCL invites e-bids on NSPCL e-tender web portal www.tenderwizard.com/NSPCL in two stage i.e. Stage-I (Techno-commercial) Bid and Stage-II (Price) Bid from eligible bidders for **Dry Ash Extraction and Transportation Plant Package for Bhilai PP-II (2x30 + 1x14)MW** located at Bhilai (East), District Durg in the state of Chhattisgarh as per the brief Scope of Work mentioned hereinafter.
- 2.0 The brief scope of work for the subject package is as under:
- a) Turnkey Supply, Erection and Commissioning of complete Dry Fly Ash Extraction and Transportation Plant (DAETP) for 3x30 MW Boilers of Bhilai Captive Power Plant-II, including all Mechanical, Electrical, C&I and associated Civil and Structural works.
- b) Turnkey Supply Erection & Commissioning shall include design, engineering, supply manufacture, shop fabrication, assembly, testing, inspection, packing, inland transportation, inland transit insurance, delivery to site, complete services of erection including erection, supervision and testing, dismantling / removal / modification / repair / overhaul and re-erection of existing equipments, inspection, commissioning, performance testing and handing over to the owner including insurance during storage, erection & commissioning of the entire DAETP.
- c) The Scope of Work shall include all necessary Civil & Structural Steel works, Buildings, Structures, Equipment Foundation, Pipe & Cable Supporting Structures, Platform & Access, Stairs, Mechanical & Electric Plant & Equipment, and Lifting Equipment required for maintenance, Control & instrumentation, Mechanical Services & Pipe Work and Electrical Services associated with the DAETP of all Units.
- d) The principle features of the work shall be as under:
DAETP System which includes Dry Ash Storage Silos, Dry Ash / Conditioned Ash Unloading Equipment and Accessories for the Storage Silos, necessary compressors, pumps, pump / compressor house building etc. along with associated electrical, C&I, civil and structural works. The equipment and materials to be supplied by the Contractor shall form a comprehensive Dry Fly Ash Extraction and Transportation Plant for all units.
- 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-329
Source of IFB/NIT	NSPCL Corporate Office
Contract Classification	Equipment Supply & Erection
Document Download / Sale Commencement Date & Time	30/05/2014 10:00:00
Document Download / Sale Close Date & Time	23/06/2014 17:00:00
Last Date & Time for Receiving Clarifications	07/07/2014 17:00:00
Amendment/clarification if any to bid document by NSPCL	22/07/2014 17:00:00
Last Date and Time for techno-commercial Bid submission	01/08/2014 14:30:00
Techno-commercial Bid Opening Date & Time	01/08/2014 15:00:00
Date of submission of Stage- II (Price) Bid	shall be intimated separately
Cost of Bidding Documents	Rs. 5,625/-
Bid Security / EMD	Rs. 27,56,000/-

- 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.

- 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 27,56,000/- (Indian Rupees Twenty Seven Lakh Fifty Six Thousand 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 and 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 and 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 In addition to the requirements stipulated in Section ITB (Instruction to Bidder), the following shall also apply:
- 6.1.1 The bidder should be a supplier of ash handling systems and should have executed ash handling systems involving design, engineering, manufacture, supply, erection and commissioning of:
- Pneumatic fly ash handling system for conveying fly ash from ESPs of single pulverized coal fired boiler unit by Pressure conveying system designed for not less than 30 TPH conveying capacity.
- OR
- Pneumatic fly ash transportation system for transporting fly ash from pulverized coal fired boiler unit by pressure conveying system having capacity not less than 30 TPH for a conveying distance of not less than 200 mtr. including fly ash storage silos.

Each of the systems mentioned above should have been in successful operation in at least two (2) plants for at least two (2) years prior to the date of Techno-commercial bid opening.

- 6.1.2 Bidder who is a supplier of ash handling systems but does not meet the requirements under clause 6.1.1 can also participate provided it has executed at least the following systems of ash handling plant involving design, engineering, manufacture, supply, erection and commissioning:

- Bottom ash handling system comprising either a jet pump system in conjunction with water impounded Bottom Ash Hopper or submerged scraper chain conveyor system or dry bottom ash system.
- Fly Ash Handling System for conveying fly ash from ESPs in dry form (involving pneumatic conveying systems of vacuum or pressure type) or in wet (slurry) form.

The systems mentioned at clause 6.1.2 (a) and clause 6.1.2 (b) above should have been in successful operation in at least two (2) plants for at least two (2) years prior to date of Techno-Commercial bid opening and should have been installed for pulverized coal fired boiler units generating not less than 12 TPH of ash per boiler.

AND

Collaborates / Associates with a party who meets the requirement under clause 6.1.1 above which the Bidder itself is not able to meet.

- 6.1.3 The activity of design and engineering under clause 6.1.1 should have been carried out by the Bidder and not through any external design agency / agencies.

For design and engineering activity referred under clause 6.1.2 the activity should have been carried out by either the Bidder or through design agency / agencies having experience for reference systems. In case of collaborator / associate, the activity of design and engineering for the reference systems should have been carried out by him.

- 6.1.4 Bidder seeking qualification through clause 6.1.2 shall furnish undertaking jointly executed by it and its Collaborator /Associate for the successful performance of the relevant system(s) of the contract, as per Employer's format enclosed in the bidding documents. The Deed of Joint Undertaking shall be submitted along with the Techno-Commercial bid, failing which the Bidder shall be disqualified and its bid shall be rejected. Further, in case of award, each of Bidder's Collaborator / Associate shall be required to furnish an on demand bank guarantee as per the format enclosed with the bidding documents for a value equal to 1% (one percent) of the total contract price in addition to the contract performance security to be furnished by the Bidder.

6.2.0 **Financial Criteria of Bidder:**

- 6.2.1 The average annual turnover of the Bidder, in the preceding three (3) financial years as on the date of Techno-Commercial bid opening, should not be less than **Rs. 1017 lakh (Indian Rupees One Thousand Seventeen Lakh only)**

- 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% (twenty five percent) of its 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 unaudited unconsolidated financial statements of the Bidder can be considered acceptable provided the Bidder further furnishes the following documents for substantiation 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 with the bidding documents, stating that the unaudited unconsolidated financial statements form part of the consolidated financial statements of the Holding Company.

In case where audited results for the 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 clause 6.2.1 and / or clause 6.2.2 above on its own, its Holding Company would be required to meet the stipulated turnover requirements at clause 6.2.1 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 its Techno-Commercial bid, a Letter of Undertaking from its Holding Company, supported by Board Resolution of the Holding Company, as per the format enclosed in the bidding 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 Techno-Commercial bid opening, duly certified by its Bankers should not be less than **Rs 606 lakh (Indian Rupees Six hundred six lakh only)**. In case certificates from more than one bank are submitted, the certified unutilized limits should 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 its bankers', the Bidder shall have access to the line of credit of a level not less than the specified amount at clause 6.2.5 above. In proof of this, the Bidder would be required to furnish along with its Techno-Commercial 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

with the bidding documents, pledging unconditional and irrevocable financial support for the execution of the Contract by the Bidder in case of award.

6.2.7 In case the Bidder's unutilized line of credit for fund based and non-fund based limits specified at clause 6.2.5 above is not sufficient, a comfort letter from one of the bankers specified in the bidding 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 at clause 6.2.5 above to the Bidder or to the Treasury Centre as the case may be, shall be acceptable.

6.3.0 **Financial Criteria of Collaborator(s) / Associate(s):**

6.3.1 For Bidder seeking qualification through clause no. 6.1.2 above, the average annual turnover of its Collaborator(s) / Associate(s) in the preceding three (3) financial years as on the date of Techno-Commercial bid opening should not be less than Rs. 629/- lakh (Indian Rupees Six hundred twenty nine lakh only) or in equivalent foreign currency.

6.3.2 The Net Worth of each Collaborator / Associate as on the last day of the preceding financial year should not be less than 25% (twenty five percent) of its paid-up share capital.

6.3.3 In case the Collaborator / Associate is not able to furnish its audited financial statements on standalone entity basis, the unaudited unconsolidated financial statements of the Collaborator / Associate can be considered acceptable provided the Collaborator / Associate further furnishes the following documents for substantiation of its qualification:

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

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

6.3.4 In case the Collaborator / Associate does not satisfy the financial criteria, stipulated at clause 6.3.1 and / or clause 6.3.2 above on its own, its Holding Company would be required to meet the stipulated turnover requirements at clause 6.3.1 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 Collaborator / Associate would be required to furnish along with Bidder's Techno-Commercial bid, a Letter of Undertaking from the Holding Company, supported by Board Resolution of the Holding Company, as per the format enclosed with the bidding documents, pledging unconditional and irrevocable financial support to the Collaborator / Associate to honour the terms and conditions of the Deed of Joint Undertaking in case of award of the contract to the Bidder with whom Collaborator / Associate is associated.

6.3.5 For Bidders seeking qualification through clause no. 6.1.2 above, the unutilized line of credit for fund based and non-fund based limits with cash and bank balances including fixed deposits of its Collaborator / Associate as on a date not earlier than 15 days prior to the date of Techno-Commercial bid opening, duly certified by the Collaborator / Associate Bankers, should not be less than **Rs. 174 lakh (Indian Rupees One hundred seventy four lakh only)** or in equivalent foreign currency.

In case certificates from more than one banks are submitted, the certified unutilized limits should be of the same date from all such banks.

6.3.6 Where another Company of the group acting as the Treasury Centre is responsible for Treasury Management of the Collaborator / Associate having combined credit / guarantee limit for the whole group, the Collaborator / Associate 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 Collaborator / Associate shall have access to the line of credit of a level not less than the amount specified at clause 6.3.5 above. In proof of this, the Bidder would be required to furnish along with its Techno-Commercial bid, a Letter of Undertaking from the Treasury Centre, supported by a Resolution passed by the Board of Directors of the Collaborator / Associate's Holding Company, as per the format enclosed with the bidding documents, pledging unconditional and irrevocable financial support to the Collaborator / Associate to honour the terms and conditions of the Deed of Joint Undertaking in case of award of the contract to the Bidder with whom Collaborator / Associate is associated.

- 6.3.7 In case the Collaborator / Associate's unutilized line of credit for fund based and non-fund based limits specified at clause 6.3.5 above is not sufficient, a comfort letter from one of the bankers specified in the bidding documents unequivocally stating that in case of award of contract to the Bidder with whom Collaborator / Associate is associated, the Bank would enhance line of credit for fund based and non-fund based limits to a level not less than the specified amounts at clause 6.3.5 above to the Collaborator / Associate or to the Treasury Centre as the case may be, shall be acceptable.

Note for clause 6.1.1 above

- (i) An individual boiler unit having its own independent fly ash handling system upto wetting units / dry dust collection buffer hoppers which includes, among others, independent fly ash handling equipment below ESP hoppers, independent ash conveying piping upto wetting units / dry dust collection buffer hoppers can be considered as a plant for meeting the requirement of clause 6.1.1(a). Further, a transportation system provided for an individual boiler unit having dedicated transportation vessels below dry dust collection buffer hoppers and dedicated piping from dry dust collection buffer hoppers to storage silos can be considered as a plant for meeting the requirement of clause 6.1.1 (b)
- (ii) For reference fly ash handling systems, the design capacity of conveying from ESPs to buffer hoppers and of transportation from buffer hoppers to storage silos will be the capacity which the client (of the reference plant against which the Bidder is seeking qualification) must have specified in its contract documents.

Notes for clause 6.2.0 and 6.3.0 above:

- (i) Net worth means the sum total of the paid up share 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 (seven) days prior to the date of Techno-Commercial bid opening shall be used.
- 6.4.0 Notwithstanding anything stated above, the Employer reserves the right to assess the capabilities and capacity of the Bidder / its Collaborators / Associates / Subsidiaries / Group companies to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer.

7.0 NTPCL 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.

8.0 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.

9.0 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.

10.0 Transfer of Bidding Documents purchased by one intending Bidder to another is not permissible.

11.0 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 or ahirwar.rp@gmail.com