



NIT ON DOMESTIC COMPETITIVE BIDDING BASIS

Tender Notice No.	9900221604
Name of the Package	Green Hydrogen based 25 kWe Net AC Power Generation System at NTPC NETRA
Contact Person	Surendra Pandey, AGM (C&M) / O N Singh, DGM (C&M)
Address	CORPORATE CONTRACTS & MATERIALS ENGINEERING OFFICE COMPLEX PLOT NO A-8-A, SEC-24, NOIDA- 201301
Description	Package Code No.: 9900221604

Last date for Bid submission	04.08.2021 (till 15:00 hrs)
Technical bid opening date	06.08.2021 (15:00 hrs)

Tender Fee	INR 5,310/-
Completion Period	12 months

Note: Online tenders are invited on behalf of NTPC Ltd., from interested parties for the above Package.

Qualifying Requirements for Bidders :

In addition to the requirements stipulated under section Instruction to bidder (ITB), the bidder should also meet the qualifying requirements stipulated hereunder under clause 3.1.0 and 3.2.0.

3.1.0 TECHNICAL CRITERIA

3.1.1 Route 1

The Bidder should be manufacturer/its channel partner and should have supplied at least one (01) Hydrogen Technology Plant with minimum hydrogen capacity of 2 kg/hr (~22 Nm³/hr) which should have been in successful operation for at least six months prior to the date of techno commercial bid opening.

3.1.2 Route 2

The Bidder should have executed industrial project(s) as Engineering, Procurement, Construction (EPC) Contractor in the area of Hydrogen/Power/Metal/Methanol /Oil & Gas/ Chemical/ Hydrocarbon/Sugar/ Fertilizer/CO₂ Capture Plant or any other Process Industries during last ten (10) years, with a cumulative value of such project(s) ₹72 Million (INR Seventy-Two Million Only) or more with individual contract value of such project(s) not less than ₹18 Million (INR Eighteen Million Only). The reference project(s) should be in successful operation for at least six (06) months prior to the date of techno-commercial bid opening.

AND

The bidder should have an agreement with a manufacturer who meets the Technical Criteria as mentioned in Clause 3.1.1 above for Hydrogen Technology Plant.

3.1.2.1 The bidder, seeking qualification through Route 2 above, shall submit a Letter of Undertaking (for Clause 3.1.2) from the manufacturer of Hydrogen Technology Plant, as per the format enclosed in the bidding documents, for the successful performance of the system. The undertaking should be submitted along with the Techno-Commercial bid, failing which the Bidder shall be disqualified and its bid shall be rejected.

Notes for Clause 3.1.0

- a. Channel Partner: A channel partner is defined for this project as an entity that has a valid authorization/agreement with a manufacturer to market/supply/ assemble/sell the manufacturer's products.
- b. Hydrogen Technology Plant is defined for this project as modules/plant/system for (i) Hydrogen production/ generation plant, OR (ii) Hydrogen compression/liquefaction and subsequent Storage in cylinders/cascade/tanks, OR (iii) Hydrogen utilization for power/mobility using fuel cell.
- c. In case the award for the reference work(s) has been received by the Bidder either directly from owner of plant or any other intermediary organization, a completion certificate from owner of plant or the intermediary organization along with the owner of the plant shall be required to be furnished by the Bidder along with its techno-commercial bid in support of its claim of meeting requirement of QR.
- d. In case the reference work(s) has been set up by bidder or its technology provider in their own premises, suitable document(s) (Internal Work Order/PO of procurements and execution etc. and document(s) supporting project completion) proving that the Bidder/Technology provider has carried out the work required to be furnished by the Bidder along with its techno-commercial bid in support of its claim of meeting requirement of QR.
- e. References from websites, reputed journals, standard documents of a bidder etc. shall also be accepted in support of its claim of meeting requirement of QR.
- f. One Manufacturer may tie up with multiple EPCs through separate Letter of Undertaking.
- g. Projects executed by Bidder's group company, holding company or subsidiary company shall be considered as bidder's experience for meeting the QR.

3.2.0 FINANCIAL CRITERIA

3.2.1 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 INR 90.54 Million (Indian Rupees Ninety point Five Four Million only).

3.2.2 In case a Bidder does not satisfy the average annual turnover criteria, stipulated above on its own, its Holding Company would be required to meet the stipulated turnover requirements as 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 the Holding Company, supported by the Holding Company's 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.

3.2.3 Net worth should not be less than 100% (hundred percent) of the bidder's paid up share capital as on the last day of the preceding financial year. In case the Bidder does not meet the Net worth criteria on its own, it can meet the requirement of Net worth based on the strength of its Subsidiary (ies) and/or Holding Company and/or Subsidiaries of its Holding companies wherever applicable. In such a case, however the Net worth of the Bidder and its Subsidiary(ies) and/or Holding Company and/or Subsidiary(ies) of the Holding Company, in combined manner should not be less than 100% (hundred percent) of their total paid up share

capital. However individually, their Net worth should not be less than 75% (seventy five percent) of their respective paid up share capitals.

Net worth in combined manner shall be calculated as follows:

Net worth (combined) = $(X1+X2+X3) / (Y1+Y2+Y3) \times 100$ Where X1,X2,X3 are individual Net worth which should not be less than 75% of the respective paid up share capitals and Y1,Y2,Y3 are individual paid up share capitals.

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 its 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.
- iii) In cases where audited results for the last financial year as on the date of Techno Commercial bid opening are not available, the financial results certified by a practicing Chartered Accountant shall be considered acceptable. In case, Bidder is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters, the audited results of three consecutive financial years preceding the last financial year shall be considered for evaluating the financial parameters. Further, a Certificate would be required from the CEO/CFO as per the format enclosed in the bidding documents stating that the financial results of the Company are under audit as on the date of Techno-commercial bid opening and the Certificate from the practicing Chartered Accountant certifying the financial parameters is not available.

Notes for Clause 3.2.0:

- i) Net worth means the sum total of the paid-up share capital and free reserves. Free reserves means all reserves credited out of the profits and share premium account but do 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) "Holding Company" shall have the meaning ascribed to them as per Companies Act of India.

B. All bids must be accompanied by "**Bid Security Declaration**" in lieu of Bid Security in the form as stipulated in the Bidding Documents.

ANY BID NOT ACCOMPANIED BY AN ACCEPTABLE "BID SECURITY DECLARATION" IN A SEPARATE SEALED ENVELOPE SHALL BE REJECTED BY THE EMPLOYER AS BEING NON-RESPONSIVE AND SHALL NOT BE OPENED.

C. General Conditions of Purchase:

1. Interested Vendors may download the tender documents from website "<https://eprocurmentpc.nic.in>". The website works best on Internet explorer 10 and above.

2. NTPC reserves the right to reject any or all the tenders without assigning any reason thereof.
3. **THE BID DECLARATION FORM ALONG WITH TENDER FEE , JDU, POA ETC. AS MENTIONED ABOVE SHOULD REACH THE DEALING OFFICER AT THE GIVEN COMMUNICATION ADDRESS BEFORE THE SCHEDULED DATE & TIME, OTHERWISE THE BID IS LIABLE TO BE REJECTED.**

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