

NTPC LIMITED
(A Government of India Enterprise)



RENEWABLE ENERGY – CONTRACTS SERVICES,

**4th Floor, RE Building, NETRA Complex
E-3, Ecotech-II, Udyog Vihar, Greater Noida
Gautam Buddha Nagar, Uttar Pradesh, India, Pin – 201306**

SECTION-I

**NOTICE INVITING TENDER (NIT) or
INVITATION FOR BIDS (IFB)**

**PROCUREMENT OF THREE (03) NOS. HYDROGEN FUEL CELL BUSES FOR GREEN
HYDROGEN MOBILITY PROJECT IN BHUBANESWAR, ODISHA**

Bid Document No.- [GEM/2025/B/6244688](#)

(This document is meant for the exclusive purpose of bidding against this Bid Document No. / Specification and shall not be transferred, reproduced or otherwise used for purposes other than that for which it is specifically issued).

SECTION-I

INVITATION FOR BIDS/NOTICE INVITING TENDER (IFB/NIT)

'Class-I and Class-II local suppliers' are eligible to participate in this tender, as defined in the bidding documents/ Public Procurement (Preference to Make in India), Order 2017 and its subsequent amendments/ revisions issued by DPIIT. The bidders may apprise themselves of the relevant provisions of bidding documents in this regard before submission of their bids.'

1.0 **NTPC Limited** invites online bids on **SINGLE STAGE TWO ENVELOPE BIDDING** basis from Eligible bidders for aforesaid Package as per the Scope of Work briefly mentioned herein after.

2.0 BRIEF SCOPE OF WORK

2.1	BID NO	GEM/2025/B/6244688
2.2	Description of work	Procurement of Three (03) nos. Hydrogen Fuel Cell buses for Green Hydrogen Mobility Project in Bhubaneswar, Odisha.
2.3	Source of NIT	NTPC LTD, Greater NOIDA
2.4	Purchase Classification	Supply
2.4 a	Location of supply	Bhubaneswar, Odisha
2.5	Last Date and Time for Bid Submission	All the critical dates are as per GeM Portal
2.6	Last Query Date	All the critical dates are as per GeM Portal
2.7	Technical Bid Opening Date & Time	All the critical dates are as per GeM Portal
2.8	Price Bid Opening Date & Time	Shall be auto intimated to qualified bidders after evaluation of Techno-Commercial Bid through GeM Portal
2.9	Tender Fee	Not Applicable
2.10	Bid Security/EMD	INR 20,00,000 (Indian Rupees Twenty Lakh only). EMD exemption is applicable in the subject NIT for MSE Registered Bidders under UDYAM Only.
2.11	INTEGRITY PACT (To be submitted online only)	Applicable. For Format, refer Section-VII "Forms & Procedure of the Bidding Document.
2.12	Evaluation	Overall Lumpsum Basis
2.13	MSE Benefits in Award & EMD	<p>Applicable. Benefits under PPP 2012 for MSEs are applicable only for (a) Goods produced and (b) Services provided by MSEs. In this regard, OM dated 9.11.2016 and its subsequent amendment / clarifications issued by MSME from time to time regarding definition of Goods and Services may be referred.</p> <p>MSE benefits shall not be applicable to Trader/Dealer of Goods. Further, MSE benefits shall also not be applicable for Works Contracts.</p> <p>Micro and Small Enterprises (MSEs) having Latest Udyam Registration only for Goods produced and Services rendered shall only be eligible for MSE benefits.</p> <p>In case of an upward change in terms of investment in plant and machinery or equipment or</p>

		turnover or both, and consequent re-classification, an enterprise shall continue to avail of all nontax benefits of the category (micro or small or medium) it was in before the re-classification, for a period of three years from the date of such upward change. The benefits to the participating Service Providers under PPP 2012 shall be applicable irrespective of product (Goods / Services) categories for which bidder is registered as MSE.
	Micro and Small Enterprises (MSEs) who are holding valid Udyam Registration and are manufacturer of the offered Product or Service (Primary Product / Service - in case of bunch bid with total value wise evaluation) and give specific confirmation to this effect at the time of bid submission and whose credentials are validated online through Udyam Registration website of Ministry of MSME and also through supporting document uploaded during bidding process and validated by the Buyer. Therefore, for availing exemption Benefit in Award, Bidders are requested to submit only "LATEST UDYAM REGISTRATION CERTIFICATE". Other MSE related documents like "Udyog Aadhar Memorandum (UAM) or "NSIC certificate" etc. or any other certificate issued by Ministry of Micro, Small and Medium Enterprises as per MSMED Act 2006 , for goods produced and services rendered will not be considered as a MSE exemption certificate.	
2.14	Make in India Policy	APPLICABLE (For details refer ITB) 'Class-I and Class-II local suppliers' are eligible to participate in this tender, as defined in the bidding documents/ Public Procurement (Preference to Make in India), Order 2017 and its subsequent amendments/ revisions issued by DPIIT. The bidders may apprise themselves of the relevant provisions of bidding documents in this regard before submission of their bids.
2.15	Preference to Local Suppliers	Class-I and Class-II Local Suppliers are eligible to participate in this tender. Bids of Non- Local Suppliers, if received, shall be outrightly rejected. Purchase preference shall be given to 'Class-I local supplier'.
2.16	Delivery Period	The 1 st bus to Green Hydrogen Mobility Project in Bhubaneswar, Odisha should be supplied within (5) five months from the date of letter of award (LOA) and remaining bus be delivered within next (2) two months .
2.17	Comprehensive Maintenance	10 Years from COD (Commercial Operation Date) of FCEBs being supplied under the contract against each location. Bidder may refer to the detailed scope for CMS in Part C.
2.18	Contract Performance Guarantee (CPG/PBG)	Contract Performance cum Life Cycle Security' shall be 10% of the total contract price (Initial cost and O&M Cost) as awarded to Bidder.
2.19	Splitting of quantity (MSE)	Not allowed.
2.20	<p>All bids must be accompanied by Bid Security for an amount of INR 20,00,000 (Indian Rupees Twenty Lakh only).</p> <p>While submitting the bid for the subject work, please upload EMD BG online along with your offer. Hard copy of original EMD BG shall reach NTPC office at the address mentioned at para 5.0, prior to the last date & time of bid submission.</p> <p>ANY BID NOT ACCOMPANIED BY AN ACCEPTABLE BID SECURITY IN A SEPARATE SEALED ENVELOPE SHALL BE REJECTED BY THE EMPLOYER</p>	

	AS BEING NON-RESPONSIVE. IN CASE, THE BID SECURITY IS SUBMITTED AS E-BG/EFT, BIDDER TO SUBMIT THE COPY OF E-BG/PROOF OF E-PAYMENT OF BID SECURITY EITHER IN SEPARATE SEALED ENVELOPE OR IN THE E-TENDERING PORTAL. FURTHER STAGE-II (PRICE BID) (IN CASE OF TWO STAGE BIDDING) NOT ACCOMPANIED BY REQUISITE BID SECURITY EXTENSION (IN CASE BID SECURITY IS SUBMITTED IN THE FORM OF BG/ INSURANCE SURETY BOND) IN A SEPARATE SEALED ENVELOPE SHALL BE REJECTED BY THE EMPLOYER AS BEING NON-RESPONSIVE.
2.21	First time users not allotted any vendor code are requested to approach NTPC at least ten working days prior to Document download close date and submit the Following: a) For Creation of Vendor Code: i) Request letter on company's letter head of the bidder ii) Copy of GST Registration, PAN No. iii) valid E-mail-ID iv) Address Proof v) Cancel Cheque & EFT Form (to be verified by bank) Note: Format of E.F.T(Electronic Fund Transfer) Form is attached along with tender document.
2.22	Any 'Bidder from a country which shares a land border with India', as specified in the Bidding Documents, will be eligible to bid in this tender only if bidder is registered with the Competent Authority as mentioned in the Bidding Documents. Further, any bidder (including bidder from India) having specified Transfer of Technology (ToT) arrangement with an entity from a country which shares a land border with India, will be eligible to bid only if the bidder is registered with the same competent authority. However, the said requirement of registration will not apply to bidders from those countries (even if sharing a land border with India) to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects.
3.0	QUALIFYING REQUIREMENTS FOR BIDDERS: APPLICABLE
	In addition to the requirements stipulated under section Instructions to Bidder (ITB), the Bidder should also meet the qualifying requirements stipulated hereunder in clause 3.1 and clause 3.2 as below:
3.1	TECHNICAL CRITERIA:
3.1.1	Route 1: The Bidder should be a Hydrogen Fuel Cell Bus manufacturer/ supplier and have completed testing and certification requirement under Indian Central Motor Vehicle Rules 1989 (CMVR) from the notified testing agencies of at least one (1) Hydrogen Fuel Cell Bus. The approval should have been done at least one (1) month prior to the date of techno-commercial bid opening. OR
3.1.2	Route 2: The Bidder should be a Hydrogen Fuel Cell Bus manufacturer's representative in India. The Hydrogen Fuel Cell Bus manufacturer should have manufactured a minimum of 01 No. Hydrogen Fuel Cell Bus and comply with the standards of the country of operation, anywhere in the world. The Hydrogen Fuel Cell Bus manufacturer should have done the aforesaid requirements at least one (1) month prior to the date of techno-commercial bid opening. The Bidder shall submit a Letter of Undertaking for support till the project defect liability period from aforesaid manufacturer, as per the format enclosed in the bidding documents.
Notes for Technical Criteria::	
	(i) The bidder under Clause 3.1.1 shall submit documents like certificate of compliance under Indian Central Motor Vehicle Rules, issued by an authorized or an accredited testing and certifying agency in India, customer purchase

	orders, client certificates, etc. in support of meeting the requirements indicated.
	(ii) Representative under Clause 3.1.2 refers to Authorized Service Provider / Authorized Distributor/ Authorized Partner/ Authorized Entity / Authorized Representative / Authorized Agent of the Hydrogen Fuel Cell Bus Manufacturer. Documentary evidence establishing the aforesaid relation of the representative with the Hydrogen Fuel Cell bus manufacturer shall be submitted along with the bid.
	(iii) In Clause 3.1.2 the representative shall also submit documents from the Hydrogen Fuel Cell Bus manufacturer showing evidence like customer purchase orders, client certificates, etc. to establish that the Hydrogen Fuel Cell Bus manufacturer has manufactured a minimum of 01 Hydrogen bus. Besides, the certificate of compliance of the Hydrogen bus model issued by an authorized or an accredited testing and certifying agency of the country of operation will be required.
	(iv) Projects executed by Bidder's Holding Company shall also be considered as Bidder's experience meeting the QR. In such a case, bidder shall submit a letter of support from their Holding Company for successful performance of the contract valid up to the end of defect liability period of the contract, as per the format enclosed with the bidding documents.
	(v) In case the award for the reference works has been received by the Bidder either directly from the owner of the plant or any other intermediary organization, a certificate from such owner of the Hydrogen Fuel Cell Bus or the intermediary organization shall be required to be furnished by the Bidder.
	(vi) All documents mentioned in Clause 3.1.2 and Notes (i), (ii), (iii), (iv) and (v) shall be submitted along with the Techno Commercial bid, failing which the Bidder shall be disqualified and its bid shall be rejected.
	(vii) The Bidder should be registered in India under the Companies Act 2013 as on the date of the techno-commercial bid opening.
3.2	FINANCIAL CRITERIA
	Financial Criteria for the Bidder
3.2.1	<p>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 ₹ 7 Crores (Indian Rupees Seven crores only) or in equivalent foreign currency.</p> <p>In case the 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 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.</p>
3.2.2	<p>The Net Worth of the Bidder should not be less than 100% of the Bidder's paid-up share capital as on the last day of the preceding financial year. In case the Bidder meets the requirement of Net Worth based on the strength of its Subsidiary(ies) and/or Holding Company and/or Subsidiaries of its Holding Company wherever applicable, the Net Worth of the Bidder and its Subsidiary(ies) and/or Holding Company, in a combined manner should not be less than 100% of their total paid-up share capital. However, individually, their Net Worth should not be less than 75% of their respective paid-up share capital.</p> <p>Net worth in combined manner shall be calculated as follows:</p> <p>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.</p>

3.2.3	<p>In case the Bidder is not able to furnish its audited financial statements on a 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:</p> <p>a) Copies of the unaudited unconsolidated financial statements of the Bidder along with copies of the audited consolidated financial statements of its Holding Company.</p> <p>b) A Certificate from the CEO/CFO of the Holding Company, as per the format enclosed in the bidding documents, stating that the un-audited unconsolidated financial statements form part of the Consolidated Annual Report of the Company.</p> <p>In cases where audited results for the last preceding financial year as on the date of opening of the Techno-commercial bid are not available, certification of financial statements from a practising Chartered Accountant shall also be considered acceptable. In case, Bidder is not able to submit the Certificate from a practising 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 practising Chartered Accountant certifying the financial parameters is not available.</p>
Notes for Financial Criteria:	
	(i) Net Worth means the sum total of the paid-up share capital and free reserves. Free reserves mean all reserves credited out of the profits and share premium account but does not include reserves credited out of the revaluation of assets, write back of depreciation provisions and amalgamation. Further, any debit balance of the Profit & Loss account and miscellaneous expenses to the extent not adjusted or written off, if any, shall be reduced from Reserves & Surplus.
	(ii) Other income shall not be considered for arriving at annual turnover.
	(iii) "Holding Company" and "Subsidiary Company" shall have the meaning ascribed to them as per Companies Act 2013.
	(iv) For annual Turnover indicated in foreign currency, the exchange rate as on seven (7) days prior to the date of Techno-Commercial bid opening shall be used.
IMPORTANT GUIDELINES REGARDING TENDER :	
<ol style="list-style-type: none"> 1. 'Class-I and Class-II local suppliers' are eligible to participate in this tender, as defined in the bidding documents/ Public Procurement (Preference to Make in India), Order 2017 and its subsequent amendments/ revisions issued by DPIIT. The bidders may apprise themselves of the relevant provisions of bidding documents in this regard before submission of their bids. 2. Any 'Bidder from a country which shares a land border with India', as specified in the Bidding Documents, will be eligible to bid in this tender only if bidder is registered with the Competent Authority as mentioned in the Bidding Documents. However, the said requirement of registration will not apply to bidders from those countries (even if sharing a land border with India) to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects. 3. NTPC reserves the right to reject any or all bids or cancel / withdraw the Invitation for Bids/NIT without assigning any reason whatsoever and in such case no bidder / intending bidder shall have any claim arising out of such action. 4. The bidding document is available online. A complete set of Bidding Documents may be downloaded by any interested Bidder from the GeM Portal (https://gem.gov.in). The Bidder would be required to register on the GeM Portal. 5. All bids must be accompanied by Bid Security, Power of Attorney & Declaration regarding insolvency, bankruptcy and Liquidation. Bid Security and Power of Attorney shall be submitted 	

in a sealed envelope separately in physical form by the stipulated bid submission closing date and time at the address given below.

Any bid not accompanied by an acceptable bid security & power of attorney as mentioned above shall be rejected by the employer as being non-responsive and shall not be opened.

Note: No hard copy of bidding documents shall be issued.

1. Address for communication:

Addl. General Manager (CS) / DGM (CS)

Contracts Services

NTPC Limited

4th Floor, NETRA Building E-3, Ecotech-II, Udyog Vihar, Greater Noida Gautam Budh

Nagar, Uttar Pradesh, India, Pin – 201306

Telephone No. 0120-2356601, 9424140768

E-Mail: hemants@ntpc.co.in / abhishekkumar02@ntpc.co.in

Websites: www.ntpctender.ntpc.co.in or www.ntpc.co.in