

# INVITATION FOR BIDS

**NTPC VIDYUT VYAPAR NIGAM LIMITED**  
(A wholly owned Subsidiary of NTPC Limited)

## CONTRACT & MATERIALS

### INVITATION FOR BIDS (IFB) FOR

### **PROCUREMENT OF FUEL CELL ELECTRIC BUSES FOR DELHI (05 Nos)**

**Bidding Document No.: NVVN/ C&M/RE-99/2021-22**

**Date: 30.06.2021**

1.0 NTPC VIDYUT VYAPAR NIGAM LIMITED (NVVN) invites online Bids from eligible bidders on 'Single Stage Two Envelope' bidding basis (Envelope-I: Techno-Commercial Bid & Envelope-II: Price Bid) for aforesaid Package as per the scope of work briefly mentioned hereinafter:

#### 2.0 **BRIEF SCOPE OF WORK**

The scope of the proposal includes manufacturing/got manufactured Design, Supply, Manufacturing of 05 Nos. hydrogen fuel cell based electric buses (FCEBs) meeting the application requirements and technical specifications, testing (at manufacturer's works and trial run at identified city) and its approval from NVVN, conducting all routine and acceptance tests, obtaining requisite regulatory approval from statutory authorities, providing necessary training to the drivers, and providing Operation and Maintenance services for a period of three (03) years from the date of operationalization of FCEBs being supplied under the subject contract.

Detailed scope of work is given in Section VI (Technical Specifications)

3.0 NVVN intends to finance subject Package through External Commercial Borrowings/ Domestic Commercial Borrowings / Own sources.

4.0 Detailed Specification, Scope of Work and Terms & Conditions are given in the Bidding Documents, which are available for examination and Sale at our GePNIC e-procurement portal <https://eprocurementpc.nic.in> as per following schedule

Issuance of IFB	30.06.2021
Bidding Document Sale Date & Time	From 30.06.2021 to 16.07.2021 upto 1700 Hrs. (IST)
Last Date for receipt of queries from bidders (if any) *	19.07.2021
Bid Submission Start	From 19.07.2021
Bid Submission End Date & Time	Upto 26.07.2021 by 1700 Hrs. (IST)
Bid Opening Date & Time for Techno-Commercial Bid	27.07.2021 at 1500 Hrs. (IST)

## INVITATION FOR BIDS

Price Bid Opening Date & Time	Shall be intimated separately by NVVN.
Cost of Bidding Document	₹ 22538/- (Indian Rupees Twenty Two Thousand Five Hundred Thirty Eight Only)

\* No Queries from Bidders, whatsoever, shall be entertained by the Employer beyond the last date of receipt of Queries as specified above.

5.0 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.**

### 6.0 QUALIFYING REQUIREMENTS FOR BIDDERS

The Bidder should meet the following Qualifying requirements as stipulated under Clause 1.0. In addition, the Bidder should also meet the requirements stipulated under Clause 2.0 together with requirements stipulated under section ITB.

#### **1.0 TECHNICAL CRITERIA**

##### **1.1 Route – 1 (Electric Bus Manufacturer in association with Fuel Cell Manufacturer /Fuel Cell Stack Manufacturer)**

(a) The Bidder should have completed testing and certification requirement under Central Motor Vehicle Rules 1989 (CMVR) of at least one (1) Mini/Midi/Standard/Tarmac Electric Bus (100% battery operated) from the notified testing agencies under rule 126 of CMVR. i.e., CMVR type-approval of at least one model of Electric Bus prior to the date of techno-commercial bid opening.

AND

(b) The Bidder shall associate with Manufacturer/Supplier of Fuel Cell / Fuel Cell Stack who should have manufactured/got manufactured minimum of 5 Nos Fuel Cell Stacks for passenger vehicles complying to the standards of the country of operation prior to the date of techno-commercial bid opening. The Bidder shall submit a Letter of Undertaking from aforesaid Fuel Cell Electric Vehicle (FCEV) stack manufacturer / supplier as per the format enclosed in the bidding document, failing which the Bidder shall be disqualified and its bid shall be rejected.

**1.2 Route – 2 (Authorized Associate of FCEV Bus Manufacturer)**

The Bidder shall be a Fuel Cell Electric Bus manufacturer's authorized \*Associate. The aforesaid Fuel Cell Electric Bus manufacturer should have manufactured minimum 05 Nos. FCEV Buses complying to the standards of the country of operation prior to the date of techno-commercial bid opening. The Bidder shall submit along with its Techno Commercial bid a Letter of Undertaking from aforesaid manufacturer, as per the format enclosed in the bidding documents, failing which the Bidder shall be disqualified and its bid shall be rejected.

**1.3 Route – 3 (Powertrain Manufacturer for Electric Bus in association with Bus Manufacturer and Fuel Cell Manufacturer/Fuel Cell Stack Manufacturer)**

- (a) The Bidder should have manufactured/ got manufactured and supplied automotive powertrain for at least one (1) Mini/Midi/Standard/Tarmac Electric Bus (100% battery operated) which should have completed testing and certification requirements from the notified testing agencies under rule 126 of CMVR. i.e., CMVR type-approval, prior to the date of techno-commercial bid opening.

AND

The Bidder shall associate with the below mentioned entities:

- (i) Indian Manufacturer of Bus who has completed testing and certification requirement under Central Motor Vehicle Rules 1989 (CMVR) of at least one (1) Mini/Midi/Standard/Tarmac Bus from the notified testing agencies under rule 126 of CMVR. i.e., CMVR type-approval of at least one model of Bus prior to the date of techno-commercial bid opening.

AND

- (ii) Manufacturer/Supplier of Fuel Cell / Fuel Cell Stack who should have manufactured/got manufactured minimum of 5 Nos Fuel Cell Stacks for passenger vehicles complying to the standards of the country of operation prior to the date of techno-commercial bid opening.

The Bidder along with its Techno Commercial bid shall furnish a Letter of Undertaking from each of the aforesaid Associates i.e. the Bus manufacturer and the fuel cell /fuel cell stack manufacturer/supplier, as per the format

## INVITATION FOR BIDS

enclosed in the bidding documents, failing which the Bidder shall be disqualified and its bid shall be rejected.

### **Notes:**

- (i) The definition of electric buses as indicated in Clause 1.1/1.2 above, shall be as per CMVR 1989.
- (ii) (\*) Associate under Clause 1.2 refers to Authorized Service Provider / Authorized Distributor / Authorized Partner / Authorized Entity / Authorized Representative / Authorized Agent of the Fuel Cell Electric Bus Manufacturer. Documentary evidence establishing the aforesaid relation of the Associate with the Fuel cell electric bus manufacturer shall be submitted along with the bid.
- (iii) Bidder 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 in Clause 1.1 (a), 1.1 (b), 1.2, 1.3(a), 1.3(b), 1.3(c) above.
- (iv) The Bidder and Associate may utilize the experience of it's Holding Company/ Subsidiary Company/ Subsidiary of Holding company for meeting the QR. In such a case Bidder shall furnish a Deed of Joint Undertaking(DJU) executed by the Bidder and its Holding Company/Subsidiary Company/Subsidiary of Holding company as per the format enclosed in the Bidding documents. The DJU shall be submitted along with the Techno-commercial Bid, failing which the Bidder shall be disqualified and its Bid shall be rejected

## **2.0 FINANCIAL CRITERIA FOR THE BIDDER**

- 2.1.1** 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 35 Crores (INDIAN RUPEES THIRTY FIVE CRORES ONLYONLY).**

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.

- 2.1.2 Net worth of the Bidder should not be less than 100% (hundred percent) of its paid-up share capital as on the last day of the preceding financial year on the date of Techno-commercial bid opening. 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:**

$$\text{Net worth (combined)} = (X1+X2+X3) / (Y1+Y2+Y3) \times 100$$

**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.**

2.1.3 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 on substantiation of its qualification:

Copies of the unaudited unconsolidated standalone financial statements of the Bidder along with copies of the audited consolidated financial statements of its Holding Company.

- a) A Certificate from the CEO / CFO of the Holding Company, as per the format enclosed in the bidding documents, stating that the unaudited unconsolidated financial statements form part of the consolidated financial statement of the Holding Company.

In case where audited results for the last financial year as on date of techno-commercial bid opening are not available, the financial results certified by a practicing Chartered Accountant shall be considered acceptable. In case the Bidder is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters, the audited result of three consecutive financial years preceding the last financial year shall be considered for evaluating 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 techno-commercial bid opening date and the Certificate from a practicing Chartered Accountant certifying the financial parameters is not available.

## INVITATION FOR BIDS

### Notes for Clause 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 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. "Holding Company" and "Subsidiary" shall have the meaning ascribed to them as per Companies Act of India.
  - iv. For 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.
- 7.0 NVVN 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 Class-I local suppliers' and 'Class-II local suppliers' only 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.
- 9.0. 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.
- 10.0 A complete set of Bidding Documents may be downloaded from <https://eprocurementpc.nic.in> by any interested Bidder. Tender fee (₹22,538), in the form of a crossed A/C PAYEE DEMAND DRAFT / BANKERS CHEQUE / PAY ORDER in favor of "NTPC VIDYUT VYAPAR NIGAM LIMITED", Payable at NEW DELHI, is required to be submitted in a separately sealed envelope at the address mentioned in the bidding document, before the stipulated date & time of submission of the bid. For any assistance, please email to [nvvncontracts@ntpc.co.in](mailto:nvvncontracts@ntpc.co.in) or contact Sr.Manager (C&M), NTPC VIDYUT VYAPAR NIGAM LIMITED, 2<sup>nd</sup> Floor, Core 5, Scope Complex, 7, Institutional Area, Lodi Road, New Delhi-110003.

It is required by agency to register and follow the guidelines/FAQ provided in the e-portal <https://eprocurementpc.nic.in> for participating in the tender, BID is to be submitted online on that portal. Any amendment(s)/corrigendum/clarifications with respect to this Bid shall be uploaded

## INVITATION FOR BIDS

on <https://eprocurmentpc.nic.in> only. Bidder should regularly follow up for any Amendment/Corrigendum/Clarification on the above website.

**NOTE: No hard copy of Bidding Documents shall be issued**

- 11.0 Issuance of bid documents to any Bidder shall not construe that such bidder is considered to be qualified. Bids shall be submitted online and opened at the address given below in the presence of Bidder's representatives who choose to attend the bid opening. Bidder shall furnish Bid Security declaration, Tender Fee, No Deviation Certificate, Letter of Undertaking / Deed of Joint Undertaking (as applicable), Integrity Pact and Power of Attorney separately offline as detailed in Bidding Documents by the stipulated bid submission closing date and time at the address given below.
- 12.0 Transfer of Bidding Documents purchased by one intending Bidder to another is not permissible.
- 13.0 **Address for communication:**
- Sr. Manager (C&M)  
NTPC VIDYUT VYAPAR NIGAM LIMITED  
2<sup>nd</sup> Floor, Core 5, Scope Complex, 7,  
Institutional Area, Lodi Road, New Delhi-110003  
Tel No. 011-24387096  
Fax. No. (+91)-11-24362009  
e-mail: [nvvncontracts@ntpc.co.in](mailto:nvvncontracts@ntpc.co.in)  
Corporate Identification Number: U40108DL2002GOI117584,  
website: [www.eprocurementpc.nic.in](http://www.eprocurementpc.nic.in)
- 14.0 **Registered Office**
- NTPC VIDYUT VYAPAR NIGAM LIMITED,  
NTPC Bhawan, Core-7, SCOPE Complex,  
7, Institutional Area, Lodhi Road,  
New Delhi – 110003
- Corporate Identification Number: U40108DL2002GOI117584.  
Website: [www.nvvn.co.in](http://www.nvvn.co.in)
- 15.0 Other Instructions
- i. Please use 'Online Bidder Enrollment' link provided on portal <https://eprocurmentpc.nic.in> (GePNIC) to register
  - ii. Go through Help, FAQ etc. as provided on the above portal.
  - iii. Class III digital signature (DSC) is required for submission of BID on above portal.
  - iv. Important Note: It is strongly recommended that all authorized users of Supplier organizations should thoroughly peruse the information provided under the relevant links, and take appropriate action. This will prevent hiccups, and minimize teething problems during the use of GePNIC.

<b>INVITATION FOR BIDS</b>
----------------------------

GePNIC Helpdesk Telephone: 24X7 Customer Support +91-120-4001 002/+91-120-4200 462/  
+91-120-4001 005/+91-120-6277 787

<b>PROCUREMENT OF FCEV BUSES FOR DELHI (5 Nos)</b>	<b>BIDDING DOCUMENT NO. NVVN/ C&amp;M /RE-99 /2021-22 SECTION - I (IFB)</b>	<b>Page 8 of 8</b>
--	---	--------------------





**NTPC**  
**Tenders**

## NTPC Limited eProcurement Portal

### Tender Details

Date : 02-Jul-2021 02:44 PM



#### Basic Details

<b>Organisation Chain</b>	NTPC Vidyut Vyapar Nigam Limited		
<b>Tender Reference Number</b>	NVVN/C and M/RE-99/2021-22		
<b>Tender ID</b>	2021_NVVN_51117_1		
<b>Tender Type</b>	Open Tender	<b>Form of contract</b>	Supply
<b>Tender Category</b>	Goods	<b>No. of Covers</b>	3
<b>General Technical Evaluation Allowed</b>	Yes [Compliance Required]	<b>ItemWise Technical Evaluation Allowed</b>	No
<b>Payment Mode</b>	Offline	<b>Is Multi Currency Allowed For BOQ</b>	No
<b>Is Multi Currency Allowed For Fee</b>	No	<b>Allow Two Stage Bidding</b>	No

#### Payment Instruments

Offline	S.No	Instrument Type
	1	DD
	2	BG
	3	BC

#### Cover Details, No. Of Covers - 3

Cover No	Cover	Document Type	Description
1	Fee	.pdf	Bid Security Declaration
		.pdf	Tender Fee
		.pdf	No Deviation Certificate
		.pdf	Power of Attorney
		.pdf	Integrity Pact
2	PreQual/Technical	.pdf	Deed of Joint Undertaking/Letter of Undertaking (As applicable)
		.rar	Additional documents for Fee Cover
		.pdf	Techno-Commercial Bid
		.rar	Techno-Commercial Bid
3	Finance	.rar	Additional documents
		.xls	Price Schedule
		.pdf	Price Bid form
		.rar	Additional documents for Price bid

#### Tender Fee Details, [Total Fee in ₹ \* - 22,538]

<b>Tender Fee in ₹</b>	22,538	<b>Fee Payable At</b>	New Delhi
<b>Fee Payable To</b>	NTPC Vidyut Vyapar Nigam Limited		
<b>Tender Fee Exemption Allowed</b>	Yes		

#### EMD Fee Details

<b>EMD Amount in ₹</b>	0.00	<b>EMD through BG/ST or EMD Exemption Allowed</b>	No
<b>EMD Fee Type</b>	fixed	<b>EMD Percentage</b>	NA
<b>EMD Payable To</b>	Nil	<b>EMD Payable At</b>	Nil

#### Work /Item(s)

<b>Title</b>	PROCUREMENT OF FUEL CELL ELECTRIC BUSES FOR DELHI				
<b>Work Description</b>	PROCUREMENT OF FUEL CELL ELECTRIC BUSES FOR DELHI (05 Nos)				
<b>Pre Qualification Details</b>	Please refer Tender documents.				
<b>Independent External Monitor/Remarks</b>	NA				
<b>Tender Value in ₹</b>	NA	<b>Product Category</b>	Electrical Goods/Equipments	<b>Sub category</b>	Fuel Cell Electric Buses
<b>Contract Type</b>	Tender	<b>Bid Validity(Days)</b>	180	<b>Period Of Work(Days)</b>	1460
<b>Location</b>	Delhi	<b>Pincode</b>	110003	<b>Pre Bid Meeting Place</b>	NA
<b>Pre Bid Meeting Address</b>	NA	<b>Pre Bid Meeting Date</b>	NA	<b>Bid Opening Place</b>	New Delhi
<b>Should Allow NDA Tender</b>	No	<b>Allow Preferential Bidder</b>	No		

**Critical Dates**

<b>Publish Date</b>	30-Jun-2021 04:00 PM	<b>Bid Opening Date</b>	27-Jul-2021 03:00 PM
<b>Document Download / Sale Start Date</b>	30-Jun-2021 04:00 PM	<b>Document Download / Sale End Date</b>	26-Jul-2021 05:00 PM
<b>Clarification Start Date</b>	30-Jun-2021 04:00 PM	<b>Clarification End Date</b>	19-Jul-2021 06:00 PM
<b>Bid Submission Start Date</b>	19-Jul-2021 06:00 PM	<b>Bid Submission End Date</b>	26-Jul-2021 05:00 PM

**Tender Documents**

<b>NIT Document</b>	<b>S.No</b>	<b>Document Name</b>	<b>Description</b>	<b>Document Size (in KB)</b>
	1	Tendernotice_1.pdf	Brief NIT	496.64

  

<b>Work Item Documents</b>	<b>S.No</b>	<b>Document Type</b>	<b>Document Name</b>	<b>Description</b>	<b>Document Size (in KB)</b>
	1	Tender Documents	Tenderdocuments.rar	Tender documents	9952.56
	2	Tender Documents	BOQ.xls	Price Schedule	41.50

**View GTE Details**

<b>S.No</b>	<b>Particulars</b>	<b>Expected Value</b>	<b>Mandatory</b>
1.0	Do You accept Letter of Undertaking as per tender specific conditions	Yes	Yes
2.0	Do you accept NTPC Safety Rules	Yes	Yes
3.0	Do you accept the Fraud Prevention Policy as per bid documents	Yes	Yes
4.0	Do you accept Withholding and Banning of Business Dealing Policy as per bid documents	Yes	Yes
5.0	Do you certify full compliance on Qualifying Requirements	Yes	Yes
6.0	Do you certify full compliance to all provisions of Bid documents	Yes	Yes

**Tender Inviting Authority**

<b>Name</b>	Senior Manager
<b>Address</b>	Senior Manager Contracts