

**VOLUME I  
CONDITIONS OF CONTRACT**

**SECTION-1  
NOTICE INVITING TENDER**

**FOR**

**HYBRID HVDC TRANSMISSION LINK CONSISTING  
OF HVDC UNDERGROUND CABLES & HVDC  
OVERHEAD LINE INCLUDING ROW / STATUTORY  
PERMISSIONS, ETC. FOR  $\pm 320$ KV, 1X1000 MW  
VSC BASED HVDC SCHEME IN MUMBAI,  
MAHARASHTRA**

**ON EPC BASIS**

**(INTERNATIONAL COMPETITIVE BIDDING)**

**ADANI ELECTRICITY MUMBAI INFRA LIMITED (AEMIL)****NOTICE INVITING TENDER (NIT)****FOR****HYBRID HVDC TRANSMISSION LINK CONSISTING OF HVDC UNDERGROUND CABLES & HVDC OVERHEAD LINE INCLUDING ROW / STATUTORY PERMISSIONS, ETC. FOR  $\pm 320$ KV, 1X1000 MW VSC BASED HVDC SCHEME IN MUMBAI, MAHARASHTRA ON EPC BASIS****(International Competitive Bidding)**

NIT No. : AEMIL-02

Date: 28.01.2022

Tender Document No.: AEMIL/HVDC/O2/2022

1. Adani Electricity Mumbai Infra Limited (AEMIL), a 100% subsidiary of Adani Electricity Mumbai Limited (AEMIL), a member of Adani Group has been incorporated for the specific purpose of development, construction, operation and maintenance of HVDC Scheme i.e.  $\pm 320$ kV Monopole, 1x1000 MW HVDC Voltage Source Converter (VSC) based link between 400 kV Maharashtra State Electricity Transmission Company Ltd. (MSETCL) Kudus EHV substation and 220 kV AEMIL-Transmission Aarey EHV substation. AEMIL has been granted transmission license under Section 14 of the Electricity Act 2003 by the Maharashtra Electricity Regulatory Commission (MERC) on Mar 21, 2021 for the said "HVDC Scheme".
2. AEMIL (hereinafter referred to as "**Owner**"), hereby invites sealed bids from eligible bidders in two (2) envelopes (Envelope-I: Techno-commercial Bid and Envelope-II: Price Bid) for HVDC Transmission Link (Consisting of HVDC underground cables & HVDC overhead line including ROW/ statutory permissions, etc.) ("**Plant**") on 'Engineering Procurement and Construction' ("**EPC**") basis, as per the scope of work mentioned hereinafter.
3. **Brief Scope of Work**  
  
The selected bidder is required to perform obligations pertaining to the design, engineering, manufacturing, shop fabrication, procurement, inspection and testing at manufacturer's and/or sub-vendor's works, packaging and forwarding, supply, transportation including transit and marine insurance, training of Owner's personnel and supply of equipment including mandatory spares, special tools & tackles and testing & measuring equipment etc. receipt, unloading, handling and storage at site, complete services of construction including site fabrication, installation, civil and structural works, erection, testing, commissioning, conducting performance guarantee tests of equipment under bidder's scope of work of subject Plant including ROW/ statutory permissions, etc. on turnkey EPC basis, as more specifically detailed in the Tender Documents (*as defined below*).
4. Detailed specifications, scope of work, terms and conditions with respect to the Plant is given in the following documents.

Volume – I : Conditions of Contract

Volume – II : Technical Specifications

(collectively referred as the “Tender Documents”)

5. The Tender Documents shall be made available for sale to the interested bidders at the address given below and as per the following schedule:

NIT no. and date	AEMIL/HVDC/O2/2022 dated 28.01.2022
Tender Document no.	AEMIL/HVDC/O2/2022
Bid document sale period	28.01.2022 to 10.02.2022 (on all working days)
Bid document sale timing	From 10:00 hours (IST) to 17:00 hours (IST)
Last date for receipt of bid queries	Upto 17:00 hours on 17.02.2022
Owner's reply to pre-bid queries raised by bidders(s)	by 21.02.2022
Last date and time for bid receipt for Envelope-1 (Techno-commercial Bid)	Upto 17:00 hours (IST) on 22.03.2022
Date and time for opening of Envelope-1 (Techno-commercial Bid)	17:30 hours (IST) on 22.03.2022
Date and time for submission of Envelope-2 (Price Bid)	17:00 hours (IST) on 22.04.2022 (subject to meeting qualification as per techno-commercial evaluation)
Bid validity period	The bid should be kept valid for a period of 180 (one hundred eighty) days from the last date of submission of bids specified hereinabove.
Fee for procurement of Tender Documents	Indian Rupees 1,00,000/- (Indian Rupees One Lakh Only) or United States Dollars 1,500/- (United States Dollars One Thousand Five Hundred Only)

A complete set of Tender Documents can be purchased by remitting the fee stated hereinabove for procurement of Tender Documents through 'Real Time Gross Settlement' to the payee's bank account, details of which shall be provided on request or through 'Demand Draft' or 'Pay Order' drawn in favour of Adani Electricity Mumbai Infra Limited, payable at Mumbai [Maharashtra, India].

6. **Earnest Money Deposit: Not applicable**

## 7. Qualifying Requirement for Bidders

Owner may assess the capacity and capability of the bidders, to successfully execute the scope of work covered under the package within stipulated completion period. This assessment shall inter-alia include (i) document verification; (ii) visit to bidder's work/manufacturing facilities (iii) Details of work executed, works in hand and past track record, (iv) details of quality system in place; (v) details of equipment owned by the bidder, (vi) Tie up with reputed suppliers with required specifications, (vii) Performance Certificates, (viii) Financial Strength. The bidder should meet the qualifying requirement as stipulated hereunder.

- 1) 'Technical Qualifying Criteria', as specified in Clause no. 7.1 below; and
- 2) 'Financial Qualifying Criteria', as specified in Clause no. 7.2 below.

### 7.1 Technical Qualifying Criteria

- 7.1.1. The bidder shall have designed, manufactured and successfully conducted pre-qualification test for 320 kV or Higher Voltage DC XLPE insulated cable as per CIGRE TB 496 and supplied at least 30 km of 200kV or Higher Voltage DC XLPE / MI insulated cable which is in satisfactory operation for at least two (2) years as on the originally scheduled date for the submission of bid as mentioned above.

AND

have executed/ supervised laying and termination of at least 200 km cumulatively of 200 kV or higher voltage DC XLPE / MI insulated cable which is in satisfactory operation as on the originally scheduled date for submission of bid as mentioned above.

- 7.1.2 In case the bidder does not meet qualifying requirement as specified in Clause no. 7.1.1 above, the bidder will be considered as qualifying bidder provided the bidder meets the following;

The bidder shall have experience in Engineering, Procurement and Construction (EPC) in power transmission projects of 220kV or higher voltage and shall have to arrange valid binding support letter from the party who meets the requirements as specified in Clause no. 7.1.1 above. The support letter shall be submitted along with Techno-commercial bid, failing which the bidder shall be disqualified and its bid shall be rejected. In the event bidder becomes the successful bidder, it will have to execute the Project through the party from whom support letter is provided, which shall be a binding requirement for qualification.

### 7.2 Financial Qualifying Criteria

- 7.2.1 Net Worth for last 3 financial year should be positive.
- 7.2.2 Minimum Average Annual Turnover# (MAAT) for last three (3) years of the bidder should be INR 8000 Million or its equivalent amount in any foreign currency.

#Note: Annual total income as incorporated in the profit & loss accounts except non-recurring income e.g. sale of fixed assets.

In case bidder is a holding company, the Financial criteria as specified in Clause no. 7.2 above shall be that of holding company only (i.e. excluding its subsidiary / group companies). In case bidder is a subsidiary of a holding company, the Financial criteria as specified in Clause no. 7.2 above shall be that of subsidiary company only (i.e. excluding its holding company).

### 7.3 Consortium Bids

7.3.1 In case a bid is submitted by a Consortium arrangement of two or more firms, then the consortium must comply the following minimum criteria as specified in the following Clause no. 7.3.1.1.

7.3.1.1 (i) At least one of the partner must meet the criteria specified in Clause no. 7.1.1 above.

(ii) All the partners shall meet individually the financial criteria specified in Clause no. 7.2.1 and 7.2.2 above.

(iii) The bidder shall submit documentary evidence in support of meeting the qualification requirement stipulated above.

8. Bids shall be submitted by the bidders on or before the time & date stipulated in Clause 5 above and at the address given below. The bids shall be opened by Owner on the date & time stipulated in Clause 5 above. Any late submission of bid by the bidder shall be rejected, on Owner's sole discretion.

Head Techno-commercial,  
Adani Electricity Mumbai Infra Limited  
First Floor, North Wing, Adani House,  
Shantigram, Near Vaishnodevi Circle,  
Ahmedabad – 382 421, Gujarat, India  
Ph.: +91-79-2555 8033  
Email: aemil.cable@adani.com

9. Issuance of Tender Documents to any bidder shall not construe that such bidder is considered to be qualified. Further, Owner reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of the contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidder or bidders of the grounds for Owner's action. The decision of Owner shall be final and binding in this regard.