**सेंट्रल ट्रांसमिशन यूटिलिटी ऑफ इंडिया लिमिटेड**

**CENTRAL TRANSMISSION UTILITY OF INDIA LIMITED**

**(Wholly Owned Subsidiary of Power Grid Corporation of India Limited)**

**(A Government of India Enterprise)**

**REQUEST FOR PROPOSAL (RfP)**

**(Section – I: Request for Proposal)**

**for**

**Appointment of Independent Engineer for “Transmission System for Evacuation of Power from REZ in Rajasthan (20GW) under Phase-III Part I”**

**(Spec. No. CTUIL/IE/2025-26/70/R1)**

(This document is meant for exclusive purpose of bidding against this specification only and shall not be transferred, reproduced or otherwise used for purpose other than that for which it is specifically issued)

**REQUEST FOR PROPOSALS (RfP)**

(**Domestic Competitive Bidding**)

**(SINGLE STAGE TWO ENVELOPE BIDDING)**

DATE **:**  **26.08.2025**

FUNDING : **DOMESTIC**

1. This Request for Proposal (RfP) for the subject package have been published on **26.08.2025** on CTUIL’s website, GeM(Government e-marketplace) portal (link provided at para 9.0 below) and on Government of India’s Central Public Procurement Portal (<https://eprocure.gov.in>). Any Corrigendum and/or amendments, etc. shall also be published only on the above website/portals.
2. Central Transmission Utility of India Limited (CTUIL), (wholly Owned Subsidiary of Power Grid Corporation of India Limited) a Government of India Enterprise incorporated under the Companies Act, 2013, having its Registered Office at “Saudamini”, Plot No.-2, Sector 29, Gurgaon-122001, Haryana (hereinafter referred to as ‘CTUIL’/’Owner’/’Employer’) has decided to engage an **Appointment of Independent Engineer for “Transmission System for Evacuation of Power from REZ in Rajasthan (20GW) under Phase-III Part I”.**
3. **Scope of work:**

3.1 The detailed scope of work and deliverables covered under the subject package **Appointment of Independent Engineer for “Transmission System for Evacuation of Power from REZ in Rajasthan (20GW) under Phase-III Part I”** are given in Section – II: Terms of Reference (ToR) of the Bidding Documents for following Transmission Scheme:

**Scope of Work of the Transmission Scheme:**

| **Sl. No.** | **Name of Transmission Element** | **Scheduled COD in months from Effective date** |
| --- | --- | --- |
| 1 | Establishment of 6000 MW, ±800 kV Bhadla (HVDC) [LCC] terminal station (4x1500 MW) at a suitable location near Bhadla-3 substation.   * 400/33 kV, 2x50 MVA transformers for exclusively supplying auxiliary power to HVDC terminal. * 400 kV bus sectionaliser-2 nos. (1 Set) at Bhadla (HVDC) station.   Future provisions: Space for   * 400 kV line bays along with switchable line reactor: 4 Nos. * 400 kV Bus Reactor along with bay: 1 no. * 400 kV Sectionalization bay: 1 set | 48 Months for Bipole-1 (20/01/2029) and  54 Months for Bipole-2 (20/07/2029) |
| 2 | Establishment of 6000 MW, ±800kV Fatehpur (HVDC) [LCC] terminal station (4x1500 MW) at a suitable location near Fatehpur (UP). |
| 3 | Bhadla-3 – Bhadla (HVDC) 400 kV 2xD/c quad moose line along with the line bays at both substations  Line Length (Approx.)- 1 km   * 400 kV line bays:- 8 nos. | 48 months  (20/01/2029) |
| 4 | ±800 kV HVDC line (Hexa lapwing) between Bhadla (HVDC) & Fatehpur (HVDC) (with Dedicated Metallic Return)  Line Length (Approx.)- 955 kms |
| 5 | Establishment of 5x1500 MVA, 765/400kV ICTs at Fatehpur (HVDC) along with 2x330 MVAr (765kV) bus reactor   * 765/400 kV 1500 MVA ICTs: 5 nos. (16x500 MVA, including one spare unit) * 765 kV ICT bays – 5 nos. * 400 kV ICT bays – 5 nos. * 400 kV Bus sectionaliser-2 nos. [1 Set] * 765 kV line bays – 4 nos. * 330 MVAr, 765kV Bus Reactor -2 nos. (7x110 MVAr, including one spare unit) * 765 kV reactor bays:- 2 nos.   Future provisions: Space for   * 765/400 kV ICT along with bay: 1 no. * 765 kV line bay along with switchable line reactor: 4nos. * 765 kV Bus Reactor along with bays: 2 nos. * 400/220 kV ICTs along with bays: 4nos. * 400 kV line bays along with switchable line reactor: 4 nos. * 400 kV Bus Reactor along with bay: 1 no. * 220 kV line Bays:- 6 nos. |
| 6 | LILO of both ckts of 765 kV Varanasi- Kanpur (GIS) D/c line at Fatehpur.  Line Length (Approx.)- 24 kms |

The detailed **Qualifying Requirements (QR) and Technical Evaluation Criteria** have been provided in the Bidding Document.

1. The **completion period** for the subject packages shall be the period as specified in Special Conditions of Contract (Section – IV) of the bidding documents.
2. CTUIL intends to use **domestic funding** for eligible payments under the contract for the packages mentioned above.
3. CTUIL, therefore, invites Proposals through GeM portal for **Appointment of Independent Engineer for “Transmission System for Evacuation of Power from REZ in Rajasthan (20GW) under Phase-III Part I”** on Domestic Competitive Bidding basis for engagement of Independent Engineer using **Quality and Cost Based Section (QCBS)** procedures under secured e-procurement procedure.

The following documents constitute the RfP document to enable Bidders to submit their Proposals:

1. Section – I: Request for Proposals;
2. Section – II: Terms of Reference (ToR);
3. Section – III: Conditions of Contract;
4. Section – IV: Special Conditions of Contract;
5. Section– V: Proposal Forms (Technical & Financial), Attachments & Schedule

7.1 This Request for Proposals extended through media, website, written communication or by any other means, and issuance of RfP Documents shall not be construed to mean that the prospective Bidders to whom the Request for Proposal has been extended and/or RfP Documents have been issued is deemed to be an eligible Bidder. The eligibility of the Bidders shall be determined as per the provisions of RfP Documents.

7.2 Bidding will be conducted through Open Tender bidding procedures as per the provisions of RfP Documents and the contract shall be executed as per the provisions of the Contract. The respective rights of the Employer and the Independent Engineer shall be governed by the RfP Documents.

1. The complete Bidding Documents are available on GeM portal <https://bidplus.gem.gov.in/all-bids> . Interested bidders shall download the Bidding Documents from the GeM portal, as per the provisions available therein.

Bidders shall ensure that their bids, complete in all respects, are submitted online through said Portal only. No DEVIATION in this regard is acceptable.

1. Interested bidders have to necessarily register themselves on the GeM portal <https://mkp.gem.gov.in/registration/signup#!/seller> to participate in the bidding under this Request for Proposal.

Bidders are advised to start the registration process on the e-Procurement Portal, as it may take a few days so as to avoid any delay in bid submission (upload) stage. Bidders may visit/communicate to GeM helpdesk regarding any query related to GeM portal.

It shall be the sole responsibility of the interested bidders to get themselves registered at the aforesaid portal and for any assistance during bid submission, system settings etc. for which they are required to contact GeM helpdesk: <https://gem.gov.in/contactUs>

**Toll Free Numbers (Inbound): Call**

**1800-419-3436 / 1800-102-3436**

**(9:00 am - 10:00 pm Mon to Sat )**

**HelpDesk Outbound No's : 07556681401, 07556685120, 01169095625**

**Railway Helpline: 011-44022666**

**Defence Helpline: 0755-6681450**

*Email:* [helpdesk-gem@gov.in](mailto:helpdesk-gem@gov.in)

**HelpDesk Walk-In Address: 2nd Floor, Jeevan Tara Building, 5-Sansad Marg, Near Patel Chowk, New Delhi-110001**

They may obtain further information regarding this RfP from the office of Manager/ Engineer, CTUIL at the address given at **para 14.0** below from 15:00 hours to 17:00 hours on all working days.

For proper uploading of the proposals on the portal namely *https://gem.gov.in/ (hereinafter referred to as the ‘portal’)*, it shall be the sole responsibility of the bidders to apprise themselves adequately regarding all the relevant procedures and provisions as detailed at the portal as well as by contacting **GeM portal** directly, as and when required, for which contact details are mentioned above. The Employer in no case shall be responsible for any issues related to timely or properly uploading/submission of the bid in accordance with the relevant provisions of the Bidding Documents.

1. A **Single Stage Two Envelope Bidding Procedure** will be adopted and will proceed as detailed in the Bidding Documents.
2. **e-Reverse Auction (e-RA)**

The electronic Reverse Auction (e-RA) is not applicable.

1. A **pre-bid meeting** will be held on **02.09.2025 at 1100 Hrs. (IST)** to clarify the bidder’s various issues raised in accordance with clause **5.2** of Section – III: Conditions of Contracts.
2. **Soft Copy Part of the Proposals** must be uploaded under Single Stage Two Envelope Bidding Procedure on the GeM portal at or before **15:00 hours** on **09.09.2025.** The e-Procurement system would not allow any late submission of proposals through the portal after the due date & time as specified.

**Hard Copy Part of the Proposals** must be submitted under Single Stage Two Envelope Bidding Procedure at the address given at para 14.0 below at or before **15:00 hours on 09.09.2025**. Late submission of proposals shall not be allowed.

First Envelope i.e., Techno-Commercial Part shall be opened on **09.09.2025** in the presence of the bidders’ representatives who choose to attend in person at the address at para 15.0 below at **15:30 hours** or may be viewed by the bidders by logging in to the portal. Second Envelope i.e., Price Part of qualified bidders shall be opened in the presence of the bidders’ representatives who choose to attend at the time and date and at the address given in the intimation for opening of Second Envelope through GeM portal itself in accordance with **Clause 21.0 of Section – III: Conditions of Contracts** or may be viewed by the bidders by logging in to the GeM portal.

All proposals must be accompanied by **Proposal Security in line with Clause 11.0 of Section-III/Section-IV of Bidding Document.** Proposal Securities must be submitted either in physical form or paid online.

Proposal Securities, Integrity Pact, Power of Attorney must be submitted in physical form or documentary evidence of online payment of the specified amount to CTUIL at the address given at para 14.0 below on or before **15:00 hours on 09.09.2025**. CTUIL shall not be responsible for any postal delay in respect of submission of hard copy part of the bids.

1. CTUIL reserves the right to cancel/withdraw this Request for Proposals without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.
2. All correspondence with regards to the above shall be to the following address:

(By Post/In Person)

Central Transmission Utility of India Limited

(A wholly owned subsidiary of POWERGRID)

10th floor, IRCON International Tower-1, Plot No. 16

Sector-32, Gurugram – 122003, Haryana

Kind Attention: Mr. Rahul (Manager, C&M-CTUIL)/

Mr. Mool Chand Khichar (Engineer, C&M-CTUIL)

Mobile: +91-9205472328/9799211471

Email:  [rahul.prasad@powergrid.in](mailto:dwaipayan@powergrid.in);  [moolchandkh@powergrid.in](mailto:%20moolchandkh@powergrid.in);

***Note: Bidders may download the word file of the RfP document from CTUIL Portal.***

**----- *End of RfP* ----**