**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 “Network Expansion scheme in Gujarat for drawl of about 3.6 GW load under Phase-I in Jamnagar area”**

**(Spec. No. CTUIL/IE/2024-25/55)**

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**REQUEST FOR PROPOSALS (RfP)**

(**Domestic Competitive Bidding**)

**(SINGLE STAGE TWO ENVELOPE BIDDING)**

DATE **:**  **07.11.2024**

FUNDING : **DOMESTIC**

1. This Request for Proposal (RfP) for the subject package have been published on **07.11.2024** 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 “Network Expansion scheme in Gujarat for drawl of about 3.6 GW load under Phase-I in Jamnagar area”.**
3. **Scope of work:**

3.1 The detailed scope of work and deliverables covered under the subject package **Appointment of Independent Engineer for “Network Expansion scheme in Gujarat for drawl of about 3.6 GW load under Phase-I in Jamnagar area”** 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.** | **Scope of the Transmission Scheme** | **Scheduled COD in months from Effective Date** |
| --- | --- | --- |
|  | Establishment of 2x1500 MVA 765/400 kV  Jamnagar (GIS) PS with 2x330 MVAR 765 kV bus reactor and 2x125 MVAR 420 kV bus reactor.   * 765/400 kV, 1500 MVA ICT-2 Nos. * 765 kV ICT bays- 2 Nos. * 400 kV ICT bays- 2 Nos. * 330 MVAR 765 kV bus reactor-2 Nos. * 125 MVAR 420 kV bus reactor-2 Nos. * 765 kV reactor bay- 2 Nos. * 765 kV line bay- 2 Nos. * 400 kV reactor bay- 2 Nos. * 400 kV line bay- 10 Nos. * 500 MVA, 765/400 kV 1-Ph Spare ICT-1 No. * 110 MVAR, 765 kV, 1-ph reactor (spare unit for line/bus reactor)-1 No.   Future Provisions: Space for   * 765/400 kV ICT along with bays-4 Nos. * 765 kV line bays along with switchable line reactors – 10 Nos. * 765 kV Bus Reactor along with bays-2 Nos. * 765 kV Sectionalizer bay: 1 -set * 400 kV line bays along with switchable line reactor – 8 Nos. * 400/220 kV ICT along with bays-6 Nos. * 420 kV Bus Reactor along with bays-2 Nos. * 400 kV Sectionalisation bay: 1- set * 220 kV line bays: 14 Nos. * 220 kV Sectionalisation bay: 1 set * 220 kV BC - 1 No. * 80MVAR 1-ph spare reactor unit. | **24 Months (14.10.2026)** |
|  | Halvad – Jamnagar 765 kV D/c line.  Line Length (Approx.)- 155 kms |
|  | 2 nos. of 765 kV line bays at Halvad for termination of Halvad – Jamnagar 765 kV D/c line.  765 kV line bays– 2 Nos. (for Halvad end) |
|  | 330 MVAr switchable line reactors on each ckt at Jamnagar end of Halvad – Jamnagar 765 kV D/c line (with NGR bypass arrangement).   * 330 MVAr, 765 kV switchable line reactor- 2 Nos. * Switching equipment for 765 kV line reactor- 2 Nos. |
|  | LILO of Jam Khambhaliya PS – Lakadia 400 kV D/c (triple snowbird) line at Jamnagar.  Line Length (Approx.)- 10 kms |
|  | 50 MVAr, 420 kV switchable line reactors on each ckt at Jamnagar end of Jamnagar – Lakadia 400kV D/c line (with NGR bypass arrangement).   * 50 MVAr, 420 kV switchable line reactor- 2 Nos. * Switching equipments for 400 kV line reactor- 2 Nos. |
|  | Jamnagar – Jam Khambhaliya 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line.  Line Length (Approx.)- 44 kms |
|  | 2 nos. of 400kV line bays at Jam Khambhaliya for termination of Jamnagar – Jam Khambhaliya 400kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line.   * 400 kV line bays (GIS) – 2 Nos. (for Jam Khambhaliya end) |
|  | LILO of CGPL – Jetpur 400kV D/c (triple snowbird) line at Jamnagar.  Line Length (Approx.)- 156 kms |
|  | 80MVAr, 420kV switchable line reactors on each ckt at Jamnagar end of Jamnagar – CGPL 400kV D/c line (with NGR bypass arrangement).   * 80 MVAr, 420 kV switchable line reactor- 2 Nos. * Switching equipment for 400 kV line reactor- 2 Nos. |
|  | LILO of both ckts of Kalavad – Bhogat 400kV D/c line (Twin AL-59) at Jam Khambhaliya PS.  Line Length (Approx.)- 12 kms |
|  | 4 nos. of 400kV line bays at Jam Khambhaliya for LILO of both ckts of Kalavad – Bhogat 400kV D/c line.   * 400 kV line bays (GIS) – 4 Nos. (for Jam Khambhaliya end) |
|  | ±400 MVAr STATCOM with 3x125 MVAr MSC & 2x125 MVAr MSR at Jamnagar 400kV Bus section.   * ±400 MVAr STATCOM (with MSC/MSR) * 400 kV bay – 2 Nos. (1 No. for STATCOM and 2nd for Dia. completion) |

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 “Network Expansion scheme in Gujarat for drawl of about 3.6 GW load under Phase-I in Jamnagar area”** on Domestic Competitive Bidding basis for engagement of Independent Engineer using **Quality and Cost Based Selection (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

6.1 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.

6.2 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 **14.11.2024 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 **28.11.2024.** 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 28.11.2024**. Late submission of proposals shall not be allowed.

First Envelope i.e., Techno-Commercial Part shall be opened on **28.11.2024** 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 28.11.2024**. 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. Dwaipayan Sen (Manager, C&M-CTUIL /

Mr. Rahul (Manager, C&M-CTUIL)

Mobile: +91-9205287422/9205472328

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

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

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