

INVITATION FOR BIDS (IFB)

(SECTION-I)

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For

Pre-bid tie up for Transmission Line Package TL03 for Siwani- Sonipat (PG) 400 kV D/C Line (Quad) ; associated with 'Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) :Part B' through TBCB Route prior to RfP bid submission by POWERGRID to BPC.

(SINGLE STAGE TWO ENVELOPE BIDDING)

(Domestic Competitive Bidding under e-procurement)

DATE OF ISSUANCE OF IFB : 25/07/2024

SPECIFICATION No. : CC/T/W-TW/DOM/A04/24/10293

FUNDING : DOMESTIC

Rfx : 5002003732

1.0 This invitation for bids follows the e-procurement notice for the subject package published on 25/07/2024 on POWERGRID's website and e-procurement portal given at para 5.0 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.

2.0 M/s. REC Power Development and Consulting Limited (RECPDCL) is the Bid Process Coordinator (hereinafter referred to as the "BPC"), for selection of Transmission Service Provider (TSP) for establishing "**Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) :Part B**" (hereinafter referred to as the "Project") under Tariff Based Competitive Bidding (TBCB) framework of Ministry of Power.

Power Grid Corporation of India Ltd. (POWERGRID) (A Government of India Enterprise) incorporated under the Companies Act, 1956, having its Registered Office at B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi intends to participate in the selection of Transmission Service Provider (TSP) for "**Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) :Part B**".

Pursuant to completion of tariff bidding by BPC, in case POWERGRID is declared as the successful Bidder, then POWERGRID shall acquire one hundred percent (100%) equity shares of "**Project Specific Transmission Company (to be incorporated by the BPC)**" (hereinafter referred to as the "SPV"/"Project SPV Company") along with all its related assets and liabilities, which will be responsible as TSP to establish transmission system for "**Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) :Part B**" on Build, Own, Operate and Transfer (BOOT) basis.

3.0 POWERGRID, therefore, invites sealed bids from eligible bidders for the following package for this project on Domestic Competitive Bidding basis under secured e-procurement procedure:

Pre-bid tie up for Transmission Line Package TL03 for Siwani- Sonipat (PG) 400 kV D/C Line (Quad) ; associated with 'Transmission System for evacuation of power from Rajasthan REZ Ph-IV (Part 3: 6GW) (Bikaner Complex) :Part B' through TBCB Route prior to RfP bid submission by POWERGRID to BPC.

This Invitation for Bids extended through media, website or written communication or by any other means, and issuance of Bidding Documents as per para 5.0 below shall not be construed to mean that the prospective bidders to whom the Invitation for Bids has been extended and/or Bidding Documents have been issued is deemed to be an eligible bidder. The eligibility of the bidders shall be determined as per the provisions of Bidding Documents. Some of the salient points in that respect are:

- a) This Invitation for Bids, issued by the Employer is open to all firms including company(ies), Government owned Enterprises registered and incorporated in India as per Companies Act, 1956/2013, barring Government Department as well as foreign bidders/MNCs not registered and incorporated in India and those bidders with whom business is banned by the Employer.
- b) Compliance to the provisions of Public Procurement (Preference to Make in India) Order, 2017 (PPP-MII) and its subsequent modifications/amendments, if any.
- c) Compliance to order no. F.No.6/18/2019-PPD (Order Public Procurement no.1) dated 23/07/2020 and F.No.6/18/2019-PPD (Order Public Procurement no.2) dated 23/07/2020, issued by Public Procurement Division, Department of Expenditure, Ministry of Finance, Government of India (DoE Order) regarding restriction on Bidders sharing Land Border with India.
- d) Non-participation as a bidding company directly; or indirectly through their Subsidiaries, Partnership, Ownership, Individual firm; or Consortium for the Transmission Project under TBCB route referred to at S.No. 2 above, if pre-selected for associating with POWERGRID for the purpose of tariff bidding by POWERGRID in the RfP process of the BPC.

The qualified, lowest evaluated Bidder having requisite capacity and capability to perform the contract for the aforesaid Package(s) as per the provisions of the Bidding Documents shall be pre-selected, for the scope of work contained in the Bidding Documents, for associating with POWERGRID for the purpose of tariff bidding by POWERGRID in the RfP process of the BPC for the subject Project under TBCB route and, in case POWERGRID becomes successful Bidder, the successful Bidder(s) for aforesaid mentioned Package(s) will be awarded the Contract for execution of scope of work contained in the Bidding Documents.

The pre-selected bidder shall have to confirm non-participation as a bidding company directly; or indirectly through their Subsidiaries, Partnership, Ownership, Individual firm; or Consortium in the RFP stage of the BPC for subject Transmission Project under TBCB route.

An MOU shall be signed with the pre-selected Bidder(s) prior to tariff bid submission by POWERGRID to BPC against its RfP process. This MOU shall, inter-alia, bind both POWERGRID and the pre-selected Bidder(s) for associating on exclusive basis and maintaining strict confidentiality by the pre-selected Bidder(s) of the prices, terms and conditions. As per the terms of MOU, both the Parties shall be making joint efforts to win the project together.

In case POWERGRID becomes successful Bidder, the successful Bidder(s) for aforesaid Package(s) will be awarded the Contract for execution of scope of work contained in the Bidding Documents.

3.1 The scope of works covered under the package inter-alia includes the following:

The following transmission lines are included in the scope of the Contractor under various packages:

Package - TL03

1. Siwani– Sonipat (PG) 400 kV D/c line (Quad)

This Specification covers the following scope of works:

- (i) Detailed survey including route alignment, profiling, tower spotting, optimization of tower locations, soil resistivity measurement & geotechnical investigation (including special foundation locations viz. pile/well foundation locations, whenever applicable & covered under BPS);
- (ii) Check survey;
- (iii) Prototype testing of Employer design transmission line towers (applicable for WZ-5 portion).
- (iv) Development of structural/shop drawing/Bill of material of standard tower including all body/leg extensions, stub and stub setting template drawing as per Employer supplied single line diagram of transmission line towers. Fabrication/ Re-fabrication, proto assembly and transportation of test tower to test bed for 400 KV D/C (QUAD MOOSE) Tower (applicable for WZ-5 portion).
- (v) Fabrication and supply of all type of transmission line Towers as per Employer's design/drawings including River crossing towers (wherever applicable) including fasteners, step bolts, hangers, D-shackles etc.;
- (vi) Supply of all types of tower accessories like phase plate, circuit plate (where ever applicable), number plate, pole plate (where ever applicable), danger plate, anti-climbing device, Bird guard, (where ever applicable);
- (vii) Supply of

- a) Earth wire
 - b) Hardware Fittings and accessories for Conductor and Earth wire
 - c) Conductor (AL59 Conductor)
 - d) Insulators (Composite Long rod)
 - e) OPGW & associated fittings & accessories.
- (viii) Classification of foundations for different type of towers and Casting of Foundations for tower footings as per Employer's foundation design/drawing;
 - (ix) Supply & Installation of Tower Earthing.
 - (x) Supply & installation of Insulated Conductor sleeve, (if required & covered under BPS).
 - (xi) Supply & installation of Bird Diverter, (if required & covered under BPS);
 - (xii) Erection of towers by using crane (wherever feasible), tack welding of bolts and nuts including supply and application of zinc rich paint, fixing of insulator strings, stringing of conductors and earth wires/OPGW along with all necessary line accessories. For transmission lines, to promote mechanization and safe working conditions, use of crane is being promoted. However, where usage of crane is not possible, erection of towers has to be carried out by conventional method i.e using Gin pole, Derrick, Centre mast etc. through usage of Power Operated Winch Machines. No tractor shall be allowed for tower erection.;
 - (xiii) Stringing of Power line crossing section under Live Line Condition (where ever applicable & covered under BPS);
 - (xiv) Painting of towers & supply and erection of span markers, obstruction lights (wherever applicable) for aviation requirements (as required)
 - (xv) Testing and commissioning of the erected transmission lines and
 - (xvi) Other items not specifically mentioned in this Specification and/or BPS but are required for the successful commissioning of the transmission line, unless specifically excluded in the Specification.
 - (xvii) The installation/stringing of OPGW cable along with associated fittings & accessories shall be carried out by the contractor. The scope of installation/stringing shall include splicing, termination, testing, demonstration for acceptance & commissioning as well as documentation. Splicing is preferred to be carried out at Tension towers locations. However, it shall be permitted at Suspension Tower locations also as required due to site conditions. The installation/stringing and splicing shall be carried out as per owner guidelines (provided as part of TS). The FODP & Approach cable shall also be installed by the Contractor (wherever applicable as per BPS).

The above scope of work is indicative, and the detailed scope of work is given in the Technical Specification (Volume-II) of the Bidding Documents.

Package TL03: 23 months

- 3.3 Bidding will be conducted through the **Domestic Competitive Bidding** procedures as per the provisions of ITB/BDS of the Bidding Documents and the contract shall be executed as per the provisions of the Contract. Bidders may note that the Employer has uploaded its 'Works and Procurement Policy and Procedures' (WPPP) document along with its Modification/Amendment on "Ineligibility of Firms for Participation in the Bidding Process" and on "Black-Listing of Firms / Banning of Business" **and its updates** on POWERGRID's website referred to at para 9.0 below. It shall be noted that no other party, including the Bidder/Contractor, shall derive any right from this 'Works and Procurement Policy and Procedures' (WPPP) document or have any claim on the Employer on the basis of the same. The respective rights of the Employer and the Bidder/Contractor shall be governed by the Bidding Documents/Contract signed between the Employer and the Contractor for the package(s). The provisions of the Bidding Documents shall always prevail over that of 'Works and Procurement Policy and Procedures' (WPPP) document in case of contradiction.
- 4.0 The detailed Qualifying Requirements (QR) for the subject package(s) are attached at **Annexure-A** to this IFB. Bidders are advised to check their prima-facie eligibility/responsiveness as per the specified QR before participating. However, Bidders may note that the Employer shall carry out techno-commercial evaluation of the submitted bids inter-alia including ascertaining responsiveness to stipulated QR in line with the provisions of the Bidding Documents post First Envelope Bid opening.
- 5.0 The complete Bidding Documents inter-alia including tender drawings are available for downloading from **25/07/2024** onwards on e-procurement portal <https://etender.powergrid.in> subject to submission of:
- i) a request letter for issuance of Bidding Documents as per format attached at **Annexure-B** to this IFB,
 - ii) a signed copy of Non-Disclosure Agreement (hereinafter called 'NDA') as per format attached at **Annexure-C** to this IFB, and
 - iii) the Power of Attorney (POA) of the person signing the NDA.

The aforesaid request along with the documents mentioned above needs to be submitted **through e-procurement portal <https://etender.powergrid.in> (under 'Bid Document Request' button on 'Display RFx' page)** up to 2 (Two) days prior to First Envelope bid submission deadline (soft copy part) i.e. on or before **05/08/2024**.

Upon receipt of such request along with the aforesaid requisite documents, the access of complete Bidding Documents will be provided to the requesting party except for the firms rendered ineligible on grounds like a) firm is engaged in different business segment other than the scope of procurement; b) firm is blacklisted/banned in POWERGRID; or c) has competing interests in the concerned Project of Bid Process Coordinator (BPC). The Employer shall be sole judge in

regard to considering the request for issuance of Bidding Documents or otherwise. No firm shall have any claim on the Employer on the basis of the same.

Note: *The bidding documents are meant for the exclusive purpose of bidding against this specification and shall not be transferred to any parts or reproduced or used otherwise for any purpose other than for which they are specifically uploaded.*

- 5.1 The applicant(s) may note that the request for issuance of Bidding Documents shall be submitted in line with the formats as provided along with this IFB. In case of erroneous/non-submission of documents as identified under Para 5.0 above by the applicant, the Employer may seek rectification of such documents and may also seek certain additional documents as deemed appropriate. To this effect, the Employer may give the applicant not more than **2 days'** notice to rectify/furnish such documents, failing which the application is liable to be rejected. The request for clarification and the response shall be through e-procurement portal <https://etender.powergrid.in> (under 'Bid Document Request' button on 'Display RFX' page). Detailed SOP/User Manual are available under 'Manuals & Videos' tab on e-procurement portal.
- 5.2 In case of rejection of request of an applicant for issuance of Bidding Documents, the rejected applicant can appeal to ED (CS) at the address given at Para 9.0 below within **one (01) day** of receiving the communication regarding rejection of her request from POWERGRID.
- 6.0 Interested bidders have to necessarily register themselves on the portal <https://etender.powergrid.in> to participate in the bidding under this invitation for bids. It shall be the sole responsibility of the interested bidders to get themselves registered at the aforesaid portal.

The said registration shall be free of cost. On completion of registration process, the registering bidders will be provided with User ID and Log-In password.

Kindly note that to submit the bids electronically, bidders must have a valid Class 3B Digital Certificate (signing and encryption / decryption certificate).

Interested bidders may obtain further information regarding this IFB from the office of **Sr. General Manager (CS-G5) / Sr. DGM (CS-G5)/ DGM (CS-G5)**, POWERGRID at the address given at para 9.0 below from 15:00 hours to 17:00 hours on all working days.

For proper uploading of the bids on the portal namely <https://etender.powergrid.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 from POWERGRID, as and when required, for which contact details are mentioned above below. 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 Section II – ITB of the Bidding Documents.

- 6.1 Bidders are requested to read the 'Bidders Manual and Pre-Requisite Document' available on '**POWERGRID Reverse Auction and Integrated Tendering (PRANIT)**' portal through website <https://etender.powergrid.in> before proceeding for submission of bids. It is important to note that bidders can submit their bids online only through <https://etender.powergrid.in>.
- 6.2 Bidders shall ensure that their bids, complete in all respects, are submitted online through POWERGRID's e-tendering portal only. **No DEVIATION in this regard is acceptable.**
- 7.0 A Single Stage Two Envelope Bidding Procedure will be adopted and will proceed on e-procurement portal <https://etender.powergrid.in> as detailed in the Bidding Documents.
- 7.1 Soft Copy Part of the Bids must be uploaded under Single Stage Two Envelope Bidding Procedure on the portal at or before **11:00 hours** on **07/08/2024** as per the provisions of the Bidding Documents. The e-Procurement system would not allow any late submission of bids through the portal after due date & time as specified.

The First Envelope Bids (Techno Commercial part) shall be opened privately and thereafter pursuant to evaluation of First Envelope Bids, the Second Envelope Bids (Price part) of Techno-Commercially responsive and qualified bidders having requisite Capacity & Capability to execute the contract in the event of award, will also be opened privately, as per the provisions of the Bidding Documents.

- 7.2 Under the Integrity Pact Program (IPP), a panel of Independent External Monitors (IEMs) comprising **Sh. Nand Lal Singh, Sh. Anil Kumar and Sh. Shekhar Prasad Singh** has been appointed by CVC. Correspondence, if any, to the panel of IEMs be addressed to the following:

Independent External Monitor
C/o CGM (CS-P&S), Contract Service Department
Power Grid Corporation of India Limited,
'Saudamini', 3rd Floor,
Plot No. - 2, Sector - 29,
Gurgaon - 122001, Haryana

E-mail IDs of IEMs:

nlsingh3@gmail.com
anilsec1953@gmail.com
spsinghias1983@gmail.com

- 8.0 POWERGRID reserves the right to cancel/withdraw this invitation for bids without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.
- 9.0 All correspondence with regard to the above shall be to the following address.

(By Post/In Person)
Sr. General Manager (CS-G5) / Sr. DGM (CS-G5)/ DGM (CS-G5)
Power Grid Corporation of India Limited

‘Saudamini’, 3rd Floor, Plot No.-2, Sector-29
Gurgaon (Haryana) - 122001.

Telephone Nos.: +91-124-282-2370/2349/3318
Mobile: +91- 9650894937/9431820218/8787524989
Fax Nos.: - 0091-(0)124-2571831

Email Address: sunilsamuel@powergrid.in; kumarnikhil@powergrid.in;
vikas.chandra@powergrid.in

For more information on POWERGRID, visit our site at: <http://www.powergrid.in>.

10.0 Bidders are requested to open the following link for pre-requisite system settings of PRANIT portal and manual/video tutorial regarding information for bid submission:

https://etender.powergrid.in/new_logon2/User_Help_Menu.html

In case any technical issue remains unresolved, Bidder may contact the ERP SRM Helpdesk support as per the details below:

- PRANIT Helpdesk Number - 0124-2823456 / 0124-5063900
- Working Time - 09.30 am to 05.30 pm
- Working days - Monday to Friday
- Holiday calendar of POWERGRID Corporate office Gurgaon shall be followed.

Bidders are advised to contact the Helpdesk minimum 2 working days before Bid Submission Deadline for assistance.

Note- At the time of submission of the bid, Bidders are required to make sure that:

1. The First Envelope excel with file named “**First Envelope and Bid Forms**” must be uploaded along with the bid.
2. The Second Envelope excel with file name as indicated on the RFX Parameters section under RFX information on the portal <https://etender.powergrid.in> must be uploaded along with the bid.

As per the provisions of the portal, it is mandatory to upload aforesaid excel files with titled as per above (Bidders may refer user manuals at the portal <https://etender.powergrid.in> regarding submission of bid).

--- End of Section-I (IFB) ---