

**SECTION - I**

**INVITATION FOR BIDS (IFB)**

## INVITATION FOR BIDS (IFB)

**Tower Package-TW01 for portion comprising of 400 kV D/C (Quad Moose) Diding - Dhalkebar - Bathnaha Transmission Line (Approx. 93 km from Diding) associated with Arun-3 HEP in Nepal under Consultancy services to SAPDC.**

**Tower Package- TW02 for portion comprising of 400 kV D/C (Quad Moose) Diding - Dhalkebar - Bathnaha Transmission Line (Approx. 124km from Bathnaha) associated with Arun-3 HEP in Nepal under Consultancy services to SAPDC.**

### (GLOBAL COMPETITIVE BIDDING)

(Subject Bidding is applicable for Indian and Nepalese Bidders in line with terms and conditions of the Bidding Documents)

DATE OF ISSUANCE OF IFB: **18/02/2019**

SPECIFICATION No. : **CC-CS/921-CC/TW-3916/3/G10 (for TW01)**  
**CC-CS/921-CC/TW-3917/3/G10 (for TW02)**

FUNDING : **DOMESTIC (by SAPDC)**

- 1.0 This invitation for bids follows the e-procurement notice (Invitation for Bids) for the subject package which appeared in National /Regional Newspapers of Nepal on **18/02/2019** and published on 18/02/2019 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 SJVN Arun-3 Power Development Company Pvt. Ltd. (SAPDC), a company incorporated and registered on 25.04.2013 as a private limited company under the Nepalese Companies Act 2063 duly floated by single shareholder company of SJVN Ltd. (A CPSE under the Govt. of India), having its Registered Office at Madhyapur (Thimi) Municipality, Ward No. 16, Swagat Marg, House No. 3, Lokanthali, P.O. Box 5685, Kathmandu (hereinafter referred to as 'SAPDC' / 'Owner' / 'Employer') has decided to set up, as an Owner, 400 kV D/C (Quad Moose) Diding - Dhalkebar - Bathnaha Transmission Line associated with Arun-3 HEP in Nepal under Consultancy services to SAPDC.
- 2.1 Project Management Consultancy Services in respect of execution of said Project has been entrusted to Power Grid Corporation of India Ltd. (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 - 110 016 (hereinafter referred to as 'POWERGRID' /

'Consultant') and its scope, interalia covers design, engineering, preparation of specifications including BOQ, technical and commercial bid documents, bid opening & evaluation, award recommendation, preparation of master network including time schedule for various project activities, assist in post award execution of contract, project management activities, supervision of testing & commissioning activities, certification of bills for release of payment by SAPDC, etc.

- 3.0 POWERGRID on behalf of SAPDC, therefore, invites sealed bids from eligible bidders for the following package for this project on Global Competitive Bidding basis (limited to Indian & Nepalese Bidders only) under secured e-procurement procedure:

**Tower Packages TW01 and TW02 for 400 kV D/C (Quad Moose) Diding - Dhalkebar - Bathnaha Transmission Line associated with Arun-3 HEP in Nepal under Consultancy services to SJVN Arun-3 Power Development Company Pvt. Ltd. (SAPDC).**

This Invitation for Bids extended through media, website or written communication or by any other means shall not be construed to mean that the prospective bidders to whom the Invitation for Bids has been extended is deemed to be an eligible bidder. The eligibility of the bidders shall be determined as per the provisions of Bidding Documents.

- 3.1 The scope of work to be executed under subject Tower Packages TW01 and TW02 includes following:

- (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) Design, Proto type testing, Fabrication and supply of all type of transmission line towers covered under BPS, including River crossing towers (wherever applicable) including fasteners, step bolts, hangers, D-shackles etc.;
- (iv) Supply of all types of tower accessories like phase plate, circuit plate (where ever applicable), number plate, danger plate, anti-climbing device, Bird guard(where ever applicable);
- (v) Supply of a) Earth wire, Hardware Fittings and Conductor & Earth wire Accessories; b) **Insulators (composite long rod or Disc or porcelain long rod)** ; c) OPGW & associated fittings & accessories.

- (vi) Design of foundations for different soil conditions for different type of towers covered under BPS, Classification of foundations for different type of tower and casting of foundations for tower footings as per approved foundations drawing;
- (vii) Supply & Installation of Tower Earthing.
- (viii) Supply & installation of Insulated Conductor sleeve, (if required & covered under BPS);
- (ix) For transmission lines, to promote mechanization and safe working conditions, use of crane is being promoted. Erection of towers, 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 by using crane(whenever feasible). 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 ;
- (x) Destraining & dismantling of existing 765/400/220/132/66kV Transmission line. (whenever applicable & covered under BPS)
- (xi) Stringing of Power line crossing section under Live Line Condition (where ever applicable & covered under BPS);
- (xii) Painting of towers &supply and erection of span markers, obstruction lights (whenever applicable) for aviation requirements (as required)
- (xiii) Testing and commissioning of the erected transmission lines and
- (xiv) 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.

Also during execution, other types of towers/ structures viz Gantry, single circuit towers, Multi circuit towers etc and their foundations may be required. Fabrication and installation of these towers/ foundations shall be carried out by the contractor as per Employer supplied design/ drawings.

The Contractor may also use already tested tower designs meeting specification requirements.

Design of pile foundation will be done by the Employer and drawings shall be issued to the Contractor for casting.

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.

- 3.2 The completion period for the subject Package shall be the period as specified in ITB Sub-Clause 24.1(c).

3.3 Bidding will be conducted through the Global Competitive Bidding procedures as per the provisions of ITB/BDS and the contract shall be executed as per the provisions of the Contract. Bidders may note that the POWERGRID 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 **update** on POWERGRID's website referred to at para 10.0 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 POWERGRID/Employer on the basis of the same. The respective rights of the POWERGRID/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) are given in the Bidding Document.

5.0 The complete Bidding Documents including tender drawings are available at POWERGRID's website <http://www.powergridindia.com> as well as on portal <https://www.tcil-india-electronictender.com>. **However, in case of any contradiction between the Bidding Documents at POWERGRID's website and those at the portal, the latter shall prevail. Interested bidders shall download the Bidding Documents from the portal <https://www.tcil-india-electronictender.com>, as per the provisions available therein.**

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.

6.0 Interested bidders have to necessarily register themselves on the portal <https://www.tcil-india-electronictender.com> through M/s Telecommunications Consultants India Limited, New Delhi 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 for which they are required to contact M/s Telecommunications Consultants India Limited, New Delhi at following address to complete the registration formalities:

M/s Telecommunications Consultants India Limited,

6<sup>th</sup> Floor, TCIL Bhawan,  
Greater Kailash – 1, New Delhi – 110 048  
Contact Person: Mr. Rashk Siddiqui/Mr. Sujay  
Contact No. : 011 26241071/72 & 98683 93717  
Email-ID: [ets\\_support@tcil-india.com](mailto:ets_support@tcil-india.com)

The said registration shall be free of cost.

They may obtain further information regarding this IFB from the office of **General Manager (CS-G10)/Chief Manager (CS-G10)**, POWERGRID at the address given at para 11.0 below from **1500 Hrs. to 1700 Hrs.** on all working days.

For proper uploading of the bids on the portal namely <https://www.tcil-india-electronictender.com> (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 M/s Telecommunications Consultants India Limited, New Delhi directly, as and when required, for which contact details are mentioned above. The POWERGRID 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.

- 7.0 A pre-bid meeting will be held at the office of the POWERGRID at Gurgaon (Haryana), India on **07/03/2019** at **1130 Hrs.** to clarify the bidders various issues raised in accordance with clause 6.4 of ITB.
- 8.0 A Single Stage Two Envelope Bidding Procedure will be adopted and will proceed as detailed in the Bidding Documents.
- 8.1 Soft Copy Part of the Bids must be uploaded under Single Stage Two Envelope Bidding Procedure on the portal at or before **1100 Hrs.** on **08/04/2019**. The e-Procurement system would not allow any late submission of bids through the portal after due date & time as specified.

Hard Copy Part of the Bids must be submitted under Single Stage Two Envelope Bidding Procedure at the address given in BDS at or before **1100 Hrs.** on **10/04/2019**. **In case Hard copy part of the bid is not received by the POWERGRID till the deadline for submission of the same prescribed by POWERGRID, but the bidder has uploaded the soft copy part of the bid, the soft copy part of the first envelope bid uploaded on the portal shall be opened if the bidder has submitted passphrase in line with provisions of Bidding Documents at ITB 17.2 otherwise its bid shall be sent unopened to 'Archive'. Such bids will be rejected during preliminary examination.**

**However, in case of MSEs who are exempted from submission of Bid Security in line with ITB 13.1, non-submission of Hard copy part shall not lead to outright rejection of the bid, but the documents required to be submitted in the hard copy part shall be sought through clarifications as brought out at ITB 21.1.**

First Envelope i.e. Techno -Commercial Part shall be opened on **10/04/2019** in the presence of the bidders' representatives who choose to attend in person at the address below at **1130 Hrs.** or may be viewed by the bidders by logging in to the portal. Second Envelope i.e. Price Part 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 in accordance with Clause 25 of ITB or may be viewed by the bidders by logging in to the portal.

All bids must be accompanied by a bid security of **INR 4,80,32,000/- or NPR 7,68,51,000/- for TW01 and INR 4,07,20,000/- or NPR 6,51,52,000/- for TW02.**

Bid security, Document Fee, Power of Attorney, Joint Deed of Undertaking (if applicable), Joint Venture Agreement (if applicable), Integrity Pact and Safety Pact must be submitted in physical form at the address given at para **11.0** below at or before 1100 Hrs. **10/04/2019**. POWERGRID shall not be responsible for any postal delay in respect of submission of hard copy part of the bids.

- 8.2 While submitting/uploading the bids, the system through portal asks to key in the pass-phrase for encryption of the documents. The pass-phrase is required by POWERGRID for opening the bids (Separate for both First Envelopes as well as Second Envelopes). **The same may be submitted on the portal as per the provisions existing for submission of the pass-phrase and as per the details given in BDS.**

In the event of not opening of the bid with the pass-phrase provided by the bidder, POWERGRID on its discretion may give an option through the portal, to the bidder to open its bid as per provisions available on the portal. However, POWERGRID shall not be responsible if bid could not be opened within reasonable time for what so ever reason. In such a case, the bid shall be sent unopened to 'Archive' on the portal and shall not be considered at all any further.

- 8.0 *The POWERGRID reserves the right to conduct e-Reverse Auction (e-RA) in accordance with clause 29 of ITB.*

9.0 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.

10.0 All correspondence with regard to the above shall be to the following address.

(By Post/In Person)  
General Manager/Chief Manager (CS-G10)  
Power Grid Corporation of India Limited  
'Saudamini', 3rd Floor, Plot No.-2, Sector-29  
Gurgaon (Haryana) - 122001.

Telephone Nos.: +91-124-282-2376/3316/2345  
Mobile: +91- 99103 79464/99713 99078/70421 95058

e-mail: [sruti@powergridindia.com](mailto:sruti@powergridindia.com)  
[kaushalendra@powergridindia.com](mailto:kaushalendra@powergridindia.com)  
[ak.singh@powergridindia.com](mailto:ak.singh@powergridindia.com)

Fax Nos.:- 0091-(0)124-2571 831

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

For more information on the portal, visit on site of  
M/s Telecommunications Consultants India Limited, New Delhi at:  
<https://www.tcil-india-electronictender.com>.

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