

Tender Specification No.:- TBSM/NAMAPUR /STE-01/TENDER /21-22 Date 30.04.2021

ANNEXURE-I

Qualifying Requirement

1. Qualification of Bidder will be based on meeting the minimum pass/fail criteria specified in Part-A below regarding the Bidder's technical experience, manufacturing facilities, financial capability as demonstrated by the Bidder's responses in the corresponding Bid Schedules. The Bidder shall also be required to furnish the information specified in Part-B in their Bid. **Technical experience and Financial resources of the proposed sub-contractor shall not be taken into account in determining the Bidders compliance with the qualifying criteria.** The bid can be submitted by an individual firm This is a Local Competitive Bidding. This invitation of bid is open to all Bidders who had incorporated and registered in India as per Companies Act, 1956.
2. **BHEL/TSTRANSCO** may assess the capacity and capability of the Bidder, 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) Bidders works/manufacturing facilities; (iii) manufacturing capacity, details of work executed, works in hand, anticipated in future & the balance capacity available for the present scope of work; (iv) details of plant & machinery manufacturing and testing facilities, manpower and financial resources; (v) details of quality system in place;(vi) past experience and performance; (vii) customer feedback; (viii) banker's feedback etc.

1.0 PART-A

1.1 Technical Experience:

For Transmission line at Namapur Location

The Bidder must have successfully executed 400kV Line or higher voltage class transmission line(s) of minimum length of **400 KV Line length now proposed in INDIA** during last Seven (7) years as on the original **date of bid opening of TSTRANSCO tender (i.e. 16.04.2021)**. The 400kV Line of proposed length (43.8 Km) must be in satisfactory operation for at least one (1) year **during the last Seven years as on the original date of bid opening of TSTRANSCO tender(i.e16.04.2021)**

The Transmission Line executed for PGCIL/ TSTRANSCO/ State Power Utilities shall only be considered.

The Bidder shall enclose the proof of successful operation of One(1) year **during the last Seven years as on the original date of bid opening of TSTRANSCO tender(i.e. 16.04.2021)** obtained from the Power Utility (PGCIL/TSTRANSCO/Any State Power Utilities) issued by an Officer not below the rank of Executive Engineer or equivalent cadre indicating date of commissioning, failing which the bid may become non-responsive. In case of PGCIL the certificate issued by

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Chief Manager/Contract Division/ Gurgaon is also accepted.

The Bidder who is having own manufacturing facilities for the Transmission Line towers and shall have the following minimum manufacturing capacities and manufacturing experience: -

Manufacturing capacity: The Manufacturing capacity per financial year shall be double of the quantity (i.e. 200%) of proposed tower parts in this tender specification **i.e 11684 MT** . Necessary certificate as per Annexure shall be enclosed.

Manufacturing experience: The quantity of Towers manufactured and supplied (400kV or above voltage) to PGCIL/ TSTRANSCO / Any Other State Power Utilities **in India** in any One financial year during the last Two years should not be less than 100% of the quantity proposed (**i.e 5842 MT**) .

If the Bidder partner is not a Tower Manufacturer and intends to participate, can propose to supply towers from a manufacturer who meets the manufacturing facilities as mentioned above. In such case, the Bidder shall furnish a Joint Deed of Undertaking along with the manufacturer to guarantee quality & timely supply of towers and confirming to furnish an additional guarantee of 10% of the cost of such towers from the manufacturer/Bidder *separately* **which shall be valid up to completion of supplies of tower parts.**

This is in addition to the 10% Supply Performance Guarantee to be submitted by the Contractor on Award of Contract.

Note :If the Bidder meeting the above Qualifying requirement is also manufacturer of Tower parts and confirms the same in the Bid as the case may be that the material will be supplied by them for the subject work the 10 % Additional Performance Bank Guarantee for the material need not be furnished.

The tower manufacturer proposed by the Bidder should have manufactured and supplied towers (400kV or above voltage) to PGCIL/TSTRANSCO/Any Other State Power Utilities. The said supply shall be evidenced by documentary proof from any of aforesaid utilities.

1.2 Financial Position:

Financial Position :-

(a) Annual Financial Turnover (AFT) in any one year during the last five financial years of the Bidder should be minimum **Rs. 156,65,91,231/-**

(b) Bidder shall have balance Cash Credit and LC facilities of not less than minimum **Rs. 46,99,77,369/-**

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1.3.4 AWARDING CONTRACT FOR MORE THAN ONE WORK DURING THE SAME PERIOD in TSTRANSCO:

In case of firm quoting for more than one work/tender for similar works opened during same period and becomes lowest in more than one work, the aggregate requirement of erection experience, satisfactory performance, manufacturing capacity and experience, availability of TSE's and financial capability will be examined at the time of awarding based on the works already awarded/ to be awarded/under consideration by BHEL/TSTRANSCO.

2.0 PART-B:

2.1 Equipment capabilities:

The Bidder should own or have access to the following key erection equipment.

- i) Tension Stringing Equipment of 15Tonnes Capacity (**Bundled Quad Conductor**): The Bidder should own Minimum Six (6) nos.TSE of 15Tonnes capacity and required no. of rollers for Bundled Quad Conductor shall also be made available.

The Bidders should also have access to engage the above facilities from other agencies. In such case they should furnish the details of such agencies along with their consent letters.

- ii) Bidder should also have adequate Sub-station and Transmission line design infrastructure and erection facilities and capacity and procedures including quality control.
- iii) The Bidder should own / lease / procure the minimum tools & plants required for the execution of the works in time as per the contract period. The required T & P shall be indicated together with quantity (Annexure-).
- iv) The Bidder should indicate number of technical persons (Annexure-)along with their qualifications available with them for execution of each work as follows.

Project Manager	2 Nos.	Graduate Engineer (Elec.) – 1 No. Graduate Engineer (Civil) – 1 Nos.
Planning Engineer	2 Nos.	Graduate Engineer (Elec.) – 1 No. Graduate Engineer (Civil) – 1 No.
Section In-charge	2 Nos.	Graduate Engineer (Elec.) – 1 No. Graduate Engineer (Civil) – 1 No.
Site Engineers	2 Nos.	Graduate Engineer (Elec.) – 1 No. Graduate Engineer (Civil) – 1 No.
Supervisors	3 Nos.	Electrical Diploma holders (1 No.)+
		Diploma Civil (2 Nos.)

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2.2 The Bidder shall also furnish following documents/details with its bid:

(i) The Banker certificate furnished as per Annexure of Volume – I with balance Cash Credit limits and LC limits indicated **(not more than one month prior to the date of bid submission closing date including extensions if any)** only will be considered for evaluation. It is the responsibility of the Bidder to ensure that the Banker Certificate indicates the CC & LC limits separately. BG limits will not be considered. In case the limits are not indicated as specified above, their Bid will be liable for rejection.

iii) Such certificate should have been issued not earlier than one month prior to the date of bid submission closing date **including extensions if any**. Wherever necessary TSTRANSCO may make queries with the Bidder's bankers.

iv) The Bankers certificate furnished with balance available limits indicated only will be considered for evaluation.

The complete annual reports together with Audited statement of accounts of the company for last five years of its own (separate) immediately preceding the date of submission of bid.

3.0 Bids not meeting any of the above requirements may be treated as incomplete and will be liable for rejection.

The Bids with Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc will be liable for rejection.

4.0 LITIGATION HISTORY:

The Bidder should provide detailed information on any litigation or arbitration arising out of contracts completed or under execution by it over the last five years in **Annexure-XIX**

A consistent history of awards involving litigation against the Bidder or any partner of JV may result in rejection of Bid.

4.0 QUALIFICATION REQUIREMENTS FOR SUB-VENDOR:

The Bidder shall procure sub-vendor items required for complete project from reputed manufacturers who are approved sub vendors of PGCIL/TSTRANSCO having Qualifying requirements as detailed below:

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Requirement of registration:

Any bidder from a country which shares a land border with India will be eligible to bid any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority, as specified in Annexure.

a. Tower Accessories and Earthwire

- i) For supply of materials covered under sub-vendor items, the sub-vendor should have designed, manufactured, tested and supplied (each of material) quantity equivalent to the quantity as mentioned in tenders for which the Bidder quotes in any consecutive period of twelve (12) months during the last five (5) financial years.
- ii) The type tests of earthwire should be done within 5 years as per the relevant IS / IEC standard in a recognized laboratory and the test report should be submitted during the sub-vendor approval. If the Purchaser feels if it is necessary to conduct the type test for his satisfaction, then it should be done at free of cost.

b) Moose Conductor, Insulators and Hardware & Accessories

- (i) The Sub-Vendor should be a manufacturer who must have designed, manufactured, tested as per IS/ IEC of similar/ higher grade materials offered and supplied from the unit now proposed to Power Utilities atleast 40% of the quantity of each materials indicated in the Supply Schedule of this tender in a continuous period of 12 months and atleast 20% of the quantity of similar material/ higher-grade materials indicated in the Supply Schedule of this tender should be in successful operation since Two(2) years as on the date of opening of the Bid.
Its financial turnover during any one year of the last five years should have been equal or more than 100% value of the material mentioned in tenders.
- (ii) Submission of type test reports:
The successful Bidder at the time of sub-vendor's approval shall furnish Type test Reports in complete shape as per the relevant IS/IEC Standards in a recognized laboratory as per the latest revision of the Technical specification not later than 5 years subject to no alteration in the design.
If the Purchaser feels if it is necessary to conduct the type test for his satisfaction, then it should be done at free of cost.

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c) OPGW and Hardware &Accessories:

- i) The Bidder shall offer OPGW from a manufacturer, who has been manufacturing OPGW for the last three (3) years and at least 400kM of OPGW manufactured and supplied from the unit now proposed to power utilities in a continuous period of 12 months and atleast 200kM of OPGW should be in successful operation on 400kV or higher voltage class EHV transmission lines since 2 years as on the date of opening of the Bid. Its financial turnover during any one year of the last five years should have been equal or more than 100% value of the material mentioned in tenders.
- ii) Submission of type test reports :-
The successful Bidder at the time of sub-vendor's approval shall furnish Type test Reports in complete shape as per the relevant IS/IEC Standards in a recognized laboratory as per the latest revision of the Technical specification not later than 5 years subject to no alteration in the design. If the Purchaser feels if it is necessary to conduct the type test for his satisfaction, then it should be done at free of cost.

- 5.1. The Qualification Requirement for Substation equipment is specified in the technical specification for each equipment.

6.0 APPROVAL OF SUB-VENDOR:

The list of sub-vendors, as per Section X of Vol-I, from (invariably from approved sub vendors of TSTRANSCO / PGCIL) whom the Bidders intends to procure the material may be furnished along with the bid. After the award of contract the Contractor should submit Qualification Requirements of sub-vendors along with credentials as detailed below for approval:

- i) Documentary evidence (client's certificate) in support of information on past supplies and satisfactory operation of the material as specified.
- ii) Copies of original documents defining the constitution or legal status, place of registration and principle place of business of the company or firm or partnership etc.
- iii) The sub-vendor should furnish a brief write-up, backed with adequate data, explaining his available capacity and experience (both technical and commercial) for the manufacture and supply of the required material without the specified time of completion after meeting all their current commitments.

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- iv) The sub-vendor should clearly confirm that all the facilities exist in his factory for inspection and testing and these will be made available to the Purchaser or his representative for inspection.

7.0 QUOTING OF TENDERS WITH FULL QUANTITY:

The Bidders should quote for full quantity of material mentioned in the tenders. Part bids will not be accepted.

8.0 FURNISHING OF DETAILS/ DOCUMENTS ALONG WITH BID:

The following details shall be furnished along with the bid for evaluation of the Bidder's eligibility to perform the contract.

- a) Authenticated documentary evidence by the Chartered Accountant in support of qualifying requirements in prescribed format in specification (Annexure-IVA and Annexure-XXIII).
- b) Commercial confirmations and statement of technical and commercial deviations (Annexure-I & II).
- c) The proposed methodology of construction, backed with the details of their construction equipment, planning and deployment organization, duly supported with broad calculations and quality control procedures proposed to be adopted, justifying their capability of achieving the completion of work as per mile stones within the stipulated period of completion.
- d) Copies of Original documents defining the constitution or legal statutes, article of association, place of registration, and principal place of business, written power of attorney of the signatory to participate in the bid.
- e) Experience in works of a similar nature and quantum of each work during the last Seven (7) years, and details of works under way or contractually committed by the Bidder and the other manufacturer, and name and address of clients whom the Purchaser may contact for further information on those contracts.
- f) Qualifications and experience of key site management and technical personnel proposed for the contract.
- g) A certificate from Banker (as per format in Annexure-XV of Vol-1) with balance cash and LC available limits indicated (one month prior to the date of bid submission).
- h) Copy of PAN card and latest income tax returns and proof of GST registration.
- i) Authority to seek references from the Bidders Bankers Name & Address, Telephone No. & FAX Nos. of the Bidder's Bankers who may provide details if contacted by Purchaser.

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- j) Information regarding any litigation, current or during the last five years, in which the Bidder is involved, the parties concerned, and disputed amount.
- k) Testing facilities available at the manufacturer's works.
- l) Satisfactory performance certificate for the period of at least One(1) year issued by a PGCIL/ TSTRANSCO / Any Other State Power Utility issued by an officer not below the rank of Executive Engineer or equivalent cadre indicating date of commissioning of similar work failing which the bid may become non-responsive.
In case of PGCIL the certificate issued by Chief Manager / Contract Division / Gurgaon is also accepted.
- m) Certificates supporting the following shall be furnished.
 - Supply of fabricated towers (400kV or above voltage class) in case of Bidder for tower supply.
 - Erection including foundations towers, stringing, testing and commissioning of line in case of Bidder for line erection.
 - For Supply of fabricated towers and erection including laying of foundations, towers, stringing, testing and commissioning of line in case of Bidder for supply and erection of line.
- n) Details of contracts of similar nature and complexity to be furnished (as per the proforma enclosed with the bid document) at Annexure –IIIB and VA.
- o) Proposal for survey, manufacturing and erection methods & Schedules, in sufficient details to demonstrate the adequacy of the Bidder proposal to meet the technical specification for supply and erection and completion period referred to in the bidding documents.

9.0 DISQUALIFICATION:

Even though the Bidder meets the qualifying criteria, they are subject to disqualification if they have.

- Made misleading or false representation in the forms, statements and attachment submitted in proof of the qualification requirements, and/or.
- Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history or financial failures etc
- Participated in the previous bidding for the same work and had quoted unreasonably low or high bid prices and could not furnish rational justification to the employer.

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10.0 BHEL reserves the right to:

- 1) Accept or reject any bid received at its discretion without assigning any reasons whatsoever.
 - (a) Postpone the above mentioned date, split and distribute the work among more than one bidder without assigning any reason whatsoever.
 - (b) May ask for further qualification during techno commercial scrutiny of bids received.
 - (c) May ask for further proofs including TDS certificates/ Final bill/Form 26AS/ payment detail for the said job for cross- verification.
- 2) BHEL shall not be responsible for any delay, loss, damage for bids sent by post.
- 3) BHEL shall not be liable for any expenses incurred by bidder in preparation of bid irrespective of whether it is accepted or not.
- 4) Quotations received from bidders who do not fulfil the PQR shall be summarily rejected without any further evaluation and information to bidders.
- 5) Canvassing i.e. soliciting favour, seeking advantage etc. in any form is strictly prohibited and any bidder found to have engaged in canvassing shall be liable to have his bid rejected summarily.
- 6) If the bidder deliberately gives any wrong information in his tender to create in circumstances for the acceptance to his bid, BHEL reserves the right to reject such application.
- 7) Bidder's selection is subject to approval of BHEL's customer for this work.
- 8) All corrigenda, addenda, amendments and clarifications to this Tender will be hosted in web page, www.bhel.com and not in the newspaper. Bidders shall keep themselves updated with all such amendments.
- 9) Notwithstanding anything stated above, BHEL/TSTRANSCO reserves the right to assess the Bidders/associates capability and capacity to perform the Contract, should circumstances warrant such assessment, in the overall interest of the Purchaser. **Further BHEL reserves the right to cancel the Tender at any stage, even after awarding the contract**

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ANNEXURE-XIX

LITIGATION HISTORY

TO BE FILLED BY TENDERER OVER THEIR LETTERHEAD

REF.: TBSM/NAMAPUR /STE-01/TENDER /20-21

DATE: 30.04.2021

SUB: OPEN TENDER ENQUIRY FOR “TENDER SPECIFIC STRATEGIC TIE-UP FOR EXECUTION AND HANDING OVER OF FOLLOWING 400 KV TRANSMISSION LINE WORK INCLUDING ARRANGEMENT /SETTLEMENT OF RIGHT OF WAY ON EPC BASIS) FOR TSTRANSCO’S TENDERS AT TELANGANA UNDER KALESWARAM LIFT IRRIGATION PROJECT”.

DETAILS OF TRANSMISSION LINE UNDER THE TSTRANSCO’S TENDER BID NOTICE NO.:- e-TSTLI-04/2021:

- 1) 400 KV TMDC LINE FROM NAMAPUR SUBSTATION SWITCHYARD TO TRANSFORMER DECK OF PUMP HOUSE OF LENGTH 2 KM**
- 2) 400KV QMDC LINE FROM 400KV KACHAPUR SWITCHING STATION TO 400/11KV NAMAPUR (PEGADAPALLY) SS OF LINE LENGTH 19.3 KM.**
- 3) 400KV QMDC LINE FROM 400KV VELGATOOR SWITCHYARD TO 400/11KV NAMAPUR (PEGADAPALLY) SS OF LINE LENGTH 22.5 KM.**

Dear Sir,

NO LITIGATION HISTORY/LITIGATION HISTORY

Note:-

The Transmission line Bidder should upload the Litigation history of his own. If No-Litigation history is present same has to be declared by the Transmission Line Bidder.

(Signature of Tenderer)

Name and Designation of Authorised person (s)

Signing the tender on behalf of the tenderer