

INVITATION FOR BID (IFB)
(LOCAL COMPETITIVE BIDDING)

- 1.0 The Maharashtra State Electricity Transmission Company Limited Mumbai, herein after referred to as the 'Owner' (MSETCL) invites bids through SRM e-Tender in TWO bid system (Techno-commercial Bid & Price Bid) from eligible bidders in India having executed similar projects in transmission sector on turnkey basis for work of Creation of 400/220 kV Switchyard at M/s GWEL for evacuation arrangement for MSEDCL share of 200 MW power from 2x300 MW Thermal Power Plant Dist. Chandrapur on turnkey basis under Nagpur zone MSETCL Maharashtra.

2.0 Scope of Work :-

SRM e-Tender No. T-2102/MSETCL/CO/C&M/Pre-T/Pre-Tender (RFx No. 6000000950)

Name of Work	Estimated Cost in Rs. Lakh	Completion period from date of site handing over
<p>1. Creation of 400/220 kV Switchyard at M/s GWEL : 220 kV level creation at M/s GWEL premises with following scope of work</p> <p>a) Installation of 3 x 105 MVA, 400/220 kV ICT with 1 spare unit of 105 MVA along with HV & LV bays</p> <p>b) Dismantling of existing in line 400 kV PT bay & shifting thereof</p> <p>c) 220 kV Switchyard using 2 bus system with 2 nos 220 kV line bays and 1 no TBC bay.</p> <p>2. Laying of 220.kV underground cable from 220 kV GWEL to 220 kV Sai Wardha Power Generation Ltd. (SWPGL) substation Approx. total route length of 220 kV 1200 sq mm U/G cable - 3.5 km</p>	9589.10	18 Months <u>(Including Monsoon)</u>

3.0 QUALIFYING REQUIREMENT

In order to be qualified for award of Contract, the bidder will be required to satisfy the following minimum criteria, which will take precedence over any qualification requirements that may be stated in the specifications or elsewhere in the bidding document. The bidder shall satisfy the following conditions:

Sr. No.	QUALIFYING REQUIREMENT CRITERIA
3.1	STATUTORY QUALIFYING CRITERIA (Statutory Licenses/Registration)
3.1.1	The bidder or his associate should have a valid Govt. Electrical Contractor's License.
3.1.2	The lead bidder should be registered under GST. The bidder should have returns of preceding 3 financial years. (IT returns)

3.1.3	The lead bidder should be registered under P.F. Act.
Note:	The original coloured scan copy should be uploaded as bid documents in support of Statutory Qualifying Criteria i.e. Statutory Licenses / Registration. The Attested/Notarized photocopies of the same will not be entertained.
3.2	TECHNICAL QUALIFYING CRITERIA
3.2.1	ERECTION CRITERIA
3.2.1 (a)	The bidder should have, in last 5 years executed the work on turnkey basis including civil works, supply of equipment's, erection, testing & commissioning as mentioned at (A) AND (B) both below. The bidder having experience of criteria mentioned at (A) only, can participate through JV/Consortium along-with collaborator having experience criteria at (B) or vice-versa.
3.2.1 (a) [A]	<p>For Substation Work: The erector should have, in last 5 years executed the work on turnkey basis including civil works, supply, erection, testing & commissioning of minimum Two no. of 400 kV EHV bay (in single order) OR one complete# 220 kV Substation (AIS/GIS/Hybrid GIS)</p> <p>#Note: One complete 220 kV substation should be comprised of at least 02 (two) no. of 220 kV ICT/Transformer HV & LV bays and 02 (two) no. of 220 kV line bays and 01 (one) Bus sectionalizer/Coupler bay (including Circuit Breaker) along with busbar arrangements. The substation constructed on turnkey basis with owner's supply of ICT will also be considered as bidder's experience provided rest of materials for the substation are supplied by the bidder with its erection and allied civil works.</p>
3.2.1 (a) [B]	<p>For Cable works- The erectors for laying, jointing, terminating, testing & commissioning should be:</p> <p>i) The erectors who have in last 5 years successfully executed a contract of underground cable, laying, jointing, termination and commissioning of aggregated length of line not less than '7' Ckm length of line (3 phase Circuit km) of 220 kV or higher voltage XLPE insulated cable which must be in satisfactory operation as on the date of bid opening.</p> <p>ii) Cable laying, jointing and termination shall be carried out under supervision of cable/accessories manufacturer only OR under supervision of experts certified by Manufacturer only for erection work.</p>
3.2.1 (b)	<p>1) The bidder should submit the user's certificate for successful commissioning of Substation and lines constructed indicating commissioning date of the work with detail work order copy</p> <p>Note: The Bays/Substation constructed on turnkey basis with owner's supply of ICT/Transformer will also be considered as bidder's experience provided rest of materials for the end bays are supplied by the bidder with its erection and allied civil works.</p>
3.2.2	MANUFACTURING CRITERIA
	Manufacturer(s) of Cable/Cable system should:
3.2.2 a)	Have experience in manufacturing and supplying of 220 KV or higher voltage class cables for at least last five (5) years as on the date of bid opening.
3.2.2 b)	The Manufacturer should have carried out Design, Engineering, Manufacturing, Type & PQ* Testing on cable system as per relevant IEC along with accessories; earlier and Supplied at least aggregated route length not less than "5" Ckm (3 phase Circuit KM.) of 220 kV voltage class or above EHV single core XLPE lead / corrugated Aluminum/poly Al laminated sheath copper cable of size as mentioned in the scope of tender or above with accessories and the cables supplied by the manufacturer should have been in satisfactory operation for a minimum period of 2 years as on the date of bid opening.

3.2.2 c)	Have designed, manufactured, Type and PQ* tested as per IEC, and supplied the joints & terminations for 220 kV or higher class cable system for last ten years as on the date of bid opening which must be in satisfactory operation for at least 2 (two) years as on the date of bid opening.
	OR The Bidder can Supply the joints & terminations from such accessory manufacturers (other than cable manufacturers) who have designed, manufactured, Type and PQ* tested as per IEC, and supplied joints and termination for 220 kV or above voltage class cable system (including GIS termination) for last ten years as on the date of bid opening which must be in satisfactory operation for at least 2 (two) years as on the date of bid opening.
	i) Supplied at least 50% joints & terminations (combined) of the quantity mention in the scope of tender, for 220 kV or higher class cable system in last ten years as on the date of bid opening. Which must be in satisfactory operation for at least 2 (two) years as on the date of bid opening.
	ii) The Type Test should not be older than 10 Years as on the date of bid opening.
	iii) The Cable/accessory manufacturer has to give assurance that hot spares will be supplied within 7 days from the date of our order and the vendor also has to ensure the availability of jointer/supervisor within 7 days from date of intimation. Cable manufacturer who has the in house execution team will be preferred. However, in case of a tie up with a separate erection vendor, the cable supplying vendor i.e. cables manufacturer will remain the sole responsible for the entire scope of work.
3.2.3	The owner reserves the right to accept / reject the Bid.
Note:	The original coloured scan copy should be uploaded as bid documents in support of Technical Qualifying Criteria. The Attested/Notarized photocopies of the same will not be entertained. Detailed communication address, e-mail ID & contact numbers of end users should be furnished for cross verification.
3.3	FINANCIAL QUALIFYING CRITERIA
3.3.1	The Bidder should have the Minimum Annual Average Turnover* (MAAT) of at least 100% of estimated cost of tender offered in the last three years i.e. 36 months. Date of exchange rate should be last day of March for that particular year. Audited balance sheets for the specified last three years duly certified by Chartered Accountant only to be submitted. Note- If bids are called between 1st April & 30th September of the year then latest audited financial year shall be a year before previous year for financial criteria.(for e.g. if bids are called between 1st April 18 & 30th Sept.18, then latest audited financial year shall be a year before previous year for financial criteria i.e. 2017-18)
3.3.2	The Bidder should have a positive Net worth of last 3 financial years. The original CA certified copy of the same has to be uploaded with bid documents. The bidder shall submit audited balance sheets for the specified last three years duly certified by Chartered Accountant.
3.3.3	A declaration to the effect that the Bidder does not anticipate change in his ownership during the proposed period of the work till successful completion of warranty period (If such a change is anticipated, the scope and effect thereof, shall be defined) shall be submitted with the offer.
3.3.4	In case bidder is a holding company MAAT and the Net worth referred to in clause 2.3.1 and 2.3.2 above shall be that of holding company only (i.e. excluding its subsidiary/group companies)

3.3.5	In case bidder is a subsidiary of a holding company, MAAT and Net Worth referred to in clause 2.3.1 and 2.3.2 above shall be that of subsidiary company only (i.e. excluding its holding company).
Note:	<p>1. The original coloured scan copy should be uploaded as bid documents in support of Financial Qualifying Criteria. The Attested/Notarized photocopies of the same will not be entertained.</p> <p>2. The duly audited, verified & certified figures from Chartered Accountant will be considered for Annual Turnover & Net worth. The provisional certificates (if any) will not be entertained.</p>
3.4	IN CASE OF CONSORTIUM (Not more than 2 partners including lead partner)
3.4.1	The principal (lead) bidder who desire to bid against this specification may submit the offer jointly with erection contractor /equipment manufacturer/Tower Manufacturer by entering into a legally valid agreement subject to fulfilment of following requirements. The bid, and in case of a successful bid, the Contract Agreement shall be signed so as to be legally binding on both partners. Both partners of the consortium shall be jointly and severally liable for execution of the contract in accordance with the Contract terms.
3.4.2	Both the members of the JV/Consortium shall be liable jointly and severally for the execution of the contract in accordance with the contract terms and shall submit an undertaking on valid stamp paper of appropriate value accepting the same (in the enclosed standard format). The roles and responsibilities shall be clearly indicated in the legally signed document.
3.4.3	Each consortium partner should individually satisfy 100% technical qualifying criteria at 3.2.1 (a) (A) OR 3.2.1 (a) (B) above. Other qualifying criteria should be fulfilled by both the partners jointly.
3.4.4	The number of partners in a consortium should not be more than two, including the lead partner.
3.4.5	The lead partner shall be authorized to be in charge and this authorization shall be evidenced by submitting a duly registered/ notarized power of attorney signed jointly by legally authorized signatories of both partners.
3.4.6	A copy of agreement entered into by the consortium partners as specified in Schedule 'G' shall be submitted with the bid.
3.4.7	The bid document should have been purchased and submitted by the Lead Partner only.
4	OTHER MANDATORY DOCUMENTS FOR VALID BID
4.1	Original colour scan copy of duly signed/sealed schedules given in tender documents.
4.2	Bid Security Deposit (BSD) for an amount equal to 1% (one percent) of the estimated cost of tender in the form of Bank Guarantee from Scheduled/Nationalized Bank in the prescribed format annexed in the tender specifications as schedule 'D', along with the offer. The validity of Bank Guarantee should at least be for six (6) months from the originally scheduled date of techno-commercial bid opening. The Stamp Duty should be paid as applicable, in Maharashtra
4.3	<p>Registration of bidders from a country sharing a land border with India in order to be eligible to bid as per Order (Public Procurement No. 1) dt. 23.7.2020 from Ministry of Finance, GOI is required. (The format and guidelines in this regard are enclosed as Schedule -M is Book -I GTC)</p> <p>Note: In case if above registration is NOT applicable, the bidder must submit the undertaking accordingly.</p>
4.4	Regarding Exemption from paying EMD to Micro and Small Enterprises defined under MSMED Act 2006, the exemption is applicable only if the Vendor is following the conditions as per the MSETCL Circular No. MSETCL/DIR (OP)/10812, Dt. 10.10.2018.

5	Special Terms & Conditions Applicable for this tender:
5.1	The EHV power cable and all accessories should be PQ* and type tested for the offered voltage class at any accredited lab as per technical specifications.
5.2	The bidder shall submit authorization from cable manufacturer and PQ* & type test reports from accredited lab should be submitted along with bid.
5.3	The cable laying work should be carried out under the strict supervision of manufacturer only and work of cable termination joints should be carried out through certified cable jointer authorized by cable manufacturer and accessory manufacturer.
NOTE:	<u>*PQ Test will be applicable for tenders having EHV cable works of 220 kV and above voltage level.</u>

4.0 General Points:-

- 4.1 The prices to be quoted against this IFB shall be in Indian Rupees only.
- 4.2 A complete set of documents can be downloaded by the bidder from MSETCL's SRM e-Tendering website <https://srmetender.mahatransco.in>. The cost of bidding documents should be paid online before the date of bid submission and the screen-shot of successful payment transaction shall be uploaded with bid documents being submitted by the bidder.
- 4.3 **The tender is invited as In-divisible composite works contract on uniform percentage basis. Bidders are requested to quote their offer as single percentage on total estimated cost of the tender and same percentage will be applicable for each item and part of price break-up i.e. Supply, ETC and Civil portion. The tender will be considered as In-divisible composite Works Contract in totality.**
- 4.4 The price variation will be applicable as per IEEMA provisions. **(PV will not be applicable for EHV Power Cable)**
- 4.5 **The payment eligibility will be as per hold points indicated in Activity Schedule(s).**
- 4.6 Price variation shall be given on Ex-works price mentioned in MSETCL's estimation in price schedules or Bidders quoted Ex-works price whichever is lower.
- 4.7 It may please be noted that the taxes / duties will be paid / reimbursed as per actual OR as stated in price break-up statement whichever is lower on submission of valid documentary proof.
- 4.8 In case of any variation in statutory taxes/duties/levy or any new existing tax/duty/levy is revoked by the Government, the same shall be passed through either side. In certain cases production of valid documentary proof may be brought for.
- 4.9 **In tender Book –IV i.e. Price Estimate, the Freight & Insurance and Labour Cess is included in the Ex-Works price of the item(s) unless mentioned separately. Bidder will have to denote F&I and L. Cess separately for each item in price schedule.**
- 4.10 Interested bidders may obtain further information, if needed, on our Website <https://srmetender.mahatransco.in> or from the Office of, the Chief Engineer (Contracts & Monitoring), Maharashtra State Electricity Transmission Co. Ltd; 5th floor, Plot No. C-19, 'E'-Block, Bandra Kurla Complex, Bandra (East), Mumbai 400051. Tel No. 2659 5000 (Extn. No. 5163/5124) Fax No. (022) 26598587/26598590.
- 4.11 The new bidders are requested to complete the contractor registrations for SRM e-Tendering with MSETCL as per the procedure prior to the date of submission of the tender documents. The bids of only registered main/lead bidders will be entertained.
- 4.12 Bidders are requested to note the dates for purchase, submission, and opening of bid documents as below:

a)	Starting Date of downloading	29.01.2021
b)	Price of bid document	Rs. 25,000/- + Taxes
c)	Last date and time for submission of bid	01.03.2021 at 13.00 Hrs
d)	Pre bid meeting	05.02.2021 at 15.00 Hrs
e)	Last date for submission of Queries	08.02.2021 at 15.00 Hrs
f)	Date and time for opening of techno- commercial bid	01.03.2021 at 15.00 Hrs
g)	Date and time for opening of price bid of qualified bidders	Will be informed later

Kindly note that, the Queries received after last date of submission of queries will not be entertained. In case the due date for sale, receipt and/or opening of bids happens to be a holiday, the next working day shall be the corresponding due date. Queries should be sent on ee13prj@mahatransco.in as per format provided with tender documents only.

Chief Engineer (C&M)