

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, for appointment of consultant for reviewing of Grid Model of MSETCL and preparing DPR of 400/220kV GIS s/s in Mumbai Metropolitan Region (MMR) in MSETCL.

2.0 SCOPE OF WORK: - (RFx No. 7000026261)

The DPR is to be prepared for scope of work mentioned below, as detailed under Clause No. 4 in RFP document;

- 1) Field visit and Desktop study on the input received from MSETCL.
- 2) Review of the location proposed new 400/220kV Gas Insulated substation and feasibility & necessity of shifting of it's location considering expected future demand and reliability of network. Comparison between the options for long term benefit based on Executability, Techno-commercial feasibility, Cost benefit analysis & system reliability.
- 3) Load flow and short circuit study, of the MSETCL grid network in PSS/E pertaining to Kalwa region considering the 400/220kV GIS s/s at the proposed & alternate locations.
- 4) Recommendation on augmentation/ improvement of the existing and proposed 400/220kV s/s to meet the present and future growth.
- 5) Recommendation to manage the system fault level at existing & proposed Kalwa substation and associated substations.
- 6) Recommendations of the most suitable option based on the above analysis.
- 7) Recommendation of Configuration and Specifications of the new proposed 400/220kV GIS S/S.
- 8) Recommendation of Suitable technology to be adopted for new substation for optimization of space and reliability of the system considering criticality of the new ss.
- 9) Budgetary cost and time schedule for the proposed project.

3.0 QUALIFYING REQUIREMENT

In order to be qualified for award of Contract, the bidder shall satisfy the following minimum criteria.

1. The firm should have total average annual financial turnover of Rs. 500 Lakh in last three financial years from the Consultancy services as certified by CA.
2. The Firm shall be in business of providing Consultancy services to electricity transmission utility at EHV level for previous 10 (Ten) years and shall have provided consultancy services for preparation of DPR of EHV project(s) having project cost more than **700 Cr cumulatively during last 10 years.**
3. The firm should have experience of Consultancy for preparation of DPR of following work with any Govt. / Semi Govt. organization in power sector and certified by an officer not below the rank of Executive Engineer.

4. Completed consultancy services for **preparation of DPR of at least three (03) EHV works of voltage class 400 kV or above** out of which **one work should be of GIS substation and one Transmission line of at least 5 Ckm, in last 7 years from date of submission of bid.**
5. Joint venture will not be allowed for participation.
6. The existing EPC/TKC agency already working on projects in MSETCL shall not be considered eligible for participating in the bidding procedure.

4.0 OTHER MANDATORY DOCUMENTS FOR VALID BID

1. Original colour scan copy of duly signed/sealed schedules given in RFP Document.
2. Bid Security Deposit (BSD) for an amount as mentioned in tender document 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 Bank Guarantee should be payable at Mumbai only. The Stamp Duty should be paid as applicable in Maharashtra.
3. 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 in RFP Document.

Note: In case if above registration is NOT applicable, the bidder must submit the undertaking accordingly.

5.0 PERIOD OF ENGAGEMENT

However, the active period of engagement would be till the completion of all the activities as per the scope of work but successful bidder shall be required to extend their support during execution of project in case it is required to do so and the same shall be decided by MSETCL. Further, the time period may be extended based on mutual discussion keeping in view the constraints being faced during execution of the assignment, if required.

6.0 DELIVERABLE

The tentative timeline for overall work is three (03) months from the date of Letter of Award (LOA):

Sr. No.	Reports/ Deliverables	Tentative Timelines
1	Site Visits to all sites	4 weeks from LOA / intimation of list of sites
2	Submission of Initial Site report for all sites	5 weeks from LOA / 1 week after completion of site visits/survey, whichever is later
3	Submission of draft Feasibility report/DPRs for all sites	6 weeks from LOA / 2 weeks after completion of site visits / surveys

4	Final combined report(s)	8 weeks from LOA / 2 weeks after receipt of MSETCL's comments on draft report
5	Basic Engineering document	12 weeks from LOA / 4 weeks from the MSETCL's acceptance of detail project report

Note:

- Detailed Project Reports (DPRs) for all sites in hard copy and editable soft copy shall also be submitted.
- All raw data for all the studies/ reports/ surveys shall also be submitted.
- All reports shall be submitted in A4 size sheets and all drawings and Single Line Diagrams (SLDs) on sheets such that it is legible. All drawings and SLDs shall be properly bound and printed on good quality paper.

7.0 GENERAL POINTS

1. The prices to be quoted against this IFB shall be in Indian Rupees only.
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.
3. The Contract shall be awarded on quoted price exclusive of GST. 100% GST payment shall be made against invoice submission. All other provisions of the tender remain in full force and effect, other than any provision that conflicts with the terms and spirit of this tender, which shall be deemed to be amended appropriately in order to be consistent with clause.
4. The price variation will NOT be applicable. Quotation shall be on Firm prices.
5. 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.
6. 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.
7. The bidders are requested to submit their financial documents (Turnover & Networth certificate) duly audited, verified & certified figures from Chartered Accountant and same should be generated with UDIN number. So, the same can be verified on <http://udin.icai.org>.
8. Interested bidders may obtain further information, if needed, on our Website <https://srmetender.mahatransco.in> or from the Office of, the Chief Engineer (Projects), 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.
9. 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.

8.0 SELECTION PROCEDURE

- 1) The evaluation of the proposals shall be done on **Quality cum Cost Based Selection (QCBS)**.
- 2) In case bidders qualify Minimum Eligibility Criteria, MSETCL will carry out the technical evaluation of Proposals on the basis of the following evaluation criteria and points system. Each evaluated Proposal will be given a technical score (S_T) as detailed below. The maximum points/marks to be given under each of evaluation criteria as per following table:

Sr. No.	Criteria for Technical Evaluation	Marks	Max Marks
1	The Firm in business of providing Consultancy services to electricity transmission utility at EHV level for previous 10 (Ten) years	10	15
	Up to 12 years, additional marks	2	
	Up to 15 years, additional marks	2	
	More than 15 years, additional marks	1	
2	Have provided consultancy services for preparation of DPR of EHV project(s) having project cost more than 700 Crores cumulatively during last 10 years.	15	25
	Up to 900 Crores, additional marks	3	
	Up to 1200 Crores, additional marks	3	
	More than 1200 Crores, additional marks	4	
3	The firm have completed consultancy services for preparation of DPR of 400 kV or above one (01) GIS substation in last 7 years from date of submission of bid.	35	45
	Two (02) GIS substations, additional marks	5	
	Three (03) GIS substations, additional marks	5	
4	The firm have total average annual financial turnover of Rs. 500 Lakh in last three (03) financial years from the Consultancy services as certified by CA.	10	15
	Up to 700 Lakh, additional marks	2	
	Up to 900 Lakh, additional marks	2	
	More than 900 Lakh, additional marks	1	
Total Marks		100	

3) Scoring Method:

- a) Minimum technical score (S_T) required to qualify technical evaluation is **70 points/marks out of 100**. A proposal will be considered unsuitable and will be rejected at this stage if it does not respond to important aspects of tender document and the Terms of Reference or if it fails to achieve the minimum technical score.
- b) Financial Proposal of responsive bidders who are found acceptable on scrutiny of technical and financial contents and satisfy the criteria for evaluation of Proposal

document will be opened in the presence of authorised representative of concerned bidder who may wish to remain present. MSETCL will notify the applicants who secure the minimum qualifying technical score, indicating the date and time set for opening for Financial Proposals. Financial proposal with any counter conditions or ambiguous remarks shall be rejected.

- c) Under QCBS selection, the technical proposals will be allotted weightage of 70% (Seventy per cent) while the financial proposals will be allotted weightages of 30% (Thirty per cent).
- d) If required, the Bidder securing the highest combined technical and financial score may be invited to explain adequacy of the proposed methodology and work plan in response to the Terms of Reference.
- e) The Bidder securing the highest combined technical and financial score will be awarded the contract/project. Evaluations will be based on documentary evidence submitted by the bidder and presentation before the evaluation committee with respect to evaluation/selection criteria.
- f) The bidder shall quote for all sites together.
- g) The detailed technical and financial evaluation procedure is provided in the clause no. 17 and 18 of this tender documents.

8.0 Estimated Cost (RFx No. 7000026261)

Sr. No.	Scope of Work	Est. Cost (Excl. of GST)
1	Appointment of consultant for re-viewing of Grid Model of MSETCL and preparing DPR of 400/220kV GIS s/s in Mumbai Metropolitan Region (MMR) in MSETCL	Rs. 20,00,000/- (Excl. of GST)

BSD Amount: 1% of estimated cost.

10.0 IMPORTANT DATES

Bidders are requested to note the dates for purchase, submission, and opening of bid documents as below:

a)	Starting Date of downloading	22.02.2023
b)	Price of bid document	Rs. 500/- + Taxes
c)	Last date and time for submission of bid	01.03.2023 up to 12:00 hr
d)	Last date for submission of Queries	24.02.2023 up to 15:00 hr
e)	Date and time for opening of techno- commercial bid	01.03.2023 at 12:00 hr

f)	Date and time for opening of price bid of qualified bidders	Will be informed later
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Kindly note that, the Queries received after last date of submission of queries will not be entertained. Submit your queries on ee13prj@mahatransco.in only. 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.

Chief Engineer (Projects)