

**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-tendering system in TWO bids system (Techno- commercial Bid & Price Bid) from eligible bidders in India having executed similar projects in transmission sector on turnkey basis for establishment of **132/33kV Modular GIS substation at Lendra Park** Dist. Nagpur, Maharashtra.

2.0 Scope of Work :-

1. Installation of of 25 MVA, 132/33 kV T/f- 02 nos.
2. 132kV transformer bay HV side (GIS)-02 nos.
3. 132 kV bus coupler bay (GIS) — 01 no.
4. 132 kV line bay (GIS) — 02 nos.
5. 132 kV T/F bay LV side (GIS) — 02 nos.
6. 132 kV PT bays — 2 nos.
7. 33 kV bus sectionaliser bay (GIS) — 01 no.
8. 33 kV GIS outlet — 4 nos.
9. 33 kV PT bays — 2 nos.
10. Communication & accessories, SCADA & ABT meters

SRM e-Tender No. T- 1914 MSETCL/CO/SE(Tender) (RFx-6000000721)

Name of S/S	Estimated Cost in Rs. Lakhs	Completion period in months from date of Site Handing over(Including Monsoon)
Establishment of 132/33kV Modular GIS substation at Lendra Dist. Nagpur,Maharashtra.	Rs. 2648.50	08 months

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:

Cl. No.	Qualifying Requirements For 132 KV Modular GIS S/s
3.1	STATUTORY QUALIFYING CRITERIA Statutory Licences/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.
3.1.3	The lead bidder should be registered under P.F. Act.
3.2	TECHNICAL QUALIFYING CRITERIA
3.2.1	a) The Bidder must have manufactured, type tested# (as per IEC or equivalent standard) and supplied atleast two (2) nos. of GIS circuit breaker equipped bays of 145 kV or above voltage class in one (1) GIS Substation or Switchyard during last seven (7) years and these bays must be in satisfactory operation for at least two (2) years as on the scheduled date of bid opening. b) The Bidder must have an experience of erection of atleast two (2) nos. of GIS/AIS circuit breaker equipped bays of 110/100 kV or above voltage class in one (1) GIS Substation or Switchyard during last seven (7) years.
3.2.1.1	In case the Bidder is a Foreign GIS manufacturer, following requirements shall be complied.
3.2.1.1 (a)	He shall submit his bid in Joint Venture / Consortium with an Indian Entity. The proposed Indian Partner must have an experience of erection of atleast two (2) nos. GIS/AIS Circuit Breaker equipped bays of 110/100 kV or above voltage class in one (1) substation or switchyard during last seven (7) years.
3.2.1.1 (b)	The Subsidiary or Group Company or a Joint Venture Company (JVC) of the bidder shall have manufacturing & testing facilities for 145 kV or above voltage level Gas insulated Switchgear (GIS) in India at the time of scheduled date of bid opening.
3.2.1.1 (c)	The bidder would supply at least one (1) 145 kV GIS Circuit breaker equipped bay manufactured in the said facilities in India for this project. The Bidder shall furnish an undertaking (as per format enclosed with bidding documents) along with the bid.(Schedule F)
3.2.1.1 (d)	Bidder can supply more than one 145 kV GIS circuit breaker equipped bays from Indian works provided his Subsidiary or Group Company or a Joint Venture Company (JVC) must have manufactured at least one (1) number 145 kV or above voltage level GIS Circuit Breaker bay and this bay either should have been supplied or should have been type tested# (as per IEC or equivalent standard) as on the scheduled date of bid opening.
3.2.1.1 (e)	In case the bidder fails to comply the technical requirements as specified in clause 3.2.1.1 (c) above, he shall be debarred from participating in future tenders of MSETCL for next 5 years.

3.2.2	<p>In case, the Bidder is an Indian GIS manufacturer not meeting the requirement stipulated in clause 3.2.1 (a) above, but has established manufacturing and testing facilities in India for 110/100 kV or above voltage level Gas Insulated Switchgear (GIS), he shall also be considered, provided he meets the following requirements :</p> <p>a) The bidder must have manufactured, type tested# and supplied at least four no. of GIS Circuit Breaker bays at 110/100 kV level, provided further that his Joint Venture or Consortium partner or Collaborator(s) of the bidder meets qualifying requirements as per clause 3.2.1 (a) above.</p> <p>OR</p> <p>The bidder must have manufactured at least one (1) 145 kV or above voltage level GIS Circuit Breaker bay based on the technological support of the Collaborator(s) and the bidder either should have supplied or should have type tested# the above GIS bay (As per IEC or equivalent standard) as on the scheduled date of bid opening, provided further that the collaborator(s) of the bidder meets qualifying requirements as per clause 3.2.1 (a) above.</p> <p>b) The bidder shall submit his bid in Joint Venture / Consortium with an erector who must have an experience of erection of atleast two (2) nos. GIS/AIS Circuit Breaker equipped bays of 110/100 kV or above voltage class in one (1) substation or switchyard during last seven (7) years.</p> <p>c) A legally enforceable undertaking (jointly with the parent company (Principals) or collaborator(s) or subsidiary company) to guarantee quality, timely supply, performance and warranty obligations as specified for the equipment(s);</p> <p>d) A valid collaboration agreement for technology transfer / license to design, manufacture, test and supply 145 KV or above voltage level GIS equipment in India.</p>
3.2.3	<p>In case the GIS is to be supplied from foreign GIS Manufacturer(s) / Collaborator(s), The bidder is required to submit a confirmation letter from the Manufacturer(s) / Collaborator(s) stating that the Manufacturer(s) / Collaborator(s) shall furnish performance guarantee for an amount of 10% of the ex-works cost of such equipment(s) to MSETCL. This performance guarantee shall be in addition to Contract Performance Guarantee to be submitted by the bidder. The bank guarantee shall be payable at Mumbai.</p>
3.2.4	<p>The C&R Panels and SCADA system for Protection and Automation purpose shall be supplied from the approved vendors of MSETCL and as per specifications of MSETCL.</p>
3.2.5	<p>The bidder should submit the user's certificate for successful commissioning and satisfactory operation of the GIS bays constructed indicating commissioning date of the work with detail work order copy.</p>
3.2.6	<p>The bidders/manufacturers above can participate in only one bid by any means viz. either as Individual Bidder or in Consortium/Joint Venture.</p>

	<p># Type Test conditions of GIS:</p> <p>The GIS of offered voltage class should have been successfully type tested in the any accredited laboratories and as per relevant IEC standards.</p> <p>The complete List of type tests carried out as per latest IEC shall be submitted with the offer, quoting reference of IEC clauses, test description / details and date of testing along with the detailed copies of the Type test reports.</p> <p>All type tests on the GIS of offered voltage class and accessories should have been conducted successfully as on the scheduled date of opening of the bid and the design of the equipment shall not be changed. The bidder shall submit copy of the Type test reports with the offer.</p> <p>The validity of type test certificate will be considered upto 10 Years provided there is no change in design.</p>
Note:	<p>In case bidder is a holding company, the technical experience referred in clause 3.2.1 or 3.2.2 shall be of that holding company only (i.e. excluding its subsidiary/group companies). In case bidder is a subsidiary of a holding company, the technical experience referred to in clause 3.2.1 or 3.2.2 shall be of that subsidiary company only (i.e. excluding its holding company).</p>
3.3	FINANCIAL QUALIFYING CRITERIA
3.3.1	The Minimum average annual turnover of the bidder in last three financial years should be not less than 75% of estimated cost.
3.3.2	Net Worth for last 3 financial years should be positive
3.3.3	The bidder has to submit the Undertaking along with offer that, bidder will furnish a Comfort Letter along with the offer from a Nationalized or Scheduled Commercial Bank, addressed to Owner (MSETCL), which describes the dedicated revolving line of credit for an amount not less than 25% (Twenty Five Percent) value of the estimated cost of the tender. A sample format of a letter which would be generally acceptable to the Owner is enclosed with bidding documents. (Schedule B)
Note:	<ol style="list-style-type: none"> 1. In case bidder is a holding company, the Financial Position criteria referred to in clause 3.3 above shall be that of holding company only (i.e. excluding its subsidiary / group companies). In case bidder is a subsidiary of a holding company, the Financial Position criteria referred to in clause 3.3 above shall be that of subsidiary company only (i.e. excluding its holding company). 2. In case bidder has established manufacturing facility in India and yet to complete three(3) financial years, the Net Worth and average of the turnover as per financial statement for completed financial years shall be considered for the purpose of compliance to the specified Net Worth and MAAT requirements. 3. 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.
3.4	IN CASE OF JOINT VENTURE / CONSORTIUM

3.4.1	<p>The principal (lead) bidder who desire to bid against this specification may submit the offer jointly by entering into a legally valid agreement subject to fulfilment of following requirements.</p> <p>a) The bid, and in case of a successful bid, the Contract Agreement shall be signed so as to be legally binding on all the partners.</p> <p>b) All partners of the Joint Venture / Consortium shall be jointly and severally liable for execution of the contract in accordance with the Contract terms.</p>
3.4.2	All partners of the Joint Venture / Consortium shall meet collectively the Financial criteria given at 3.3 above. However, the minimum average annual turnover of each Joint Venture / Consortium partner(s) (individually) shall not be less than 25% of the tender estimated value.
3.4.3	Each individual partner of Joint Venture / Consortium shall meet the minimum technical experience as per 3.2.1 (a) or 3.2.1 (b) or 3.2.2 as above subject to fulfilment of remaining qualifying criteria jointly by all the partners.
3.4.4	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 all the partners.
3.4.5	A copy of agreement entered into by the Joint Venture / Consortium partners as per format enclosed with bidding documents, shall be submitted with the bid.
3.5	Schedules & Bank Guarantee
3.5.1	Bidders are requested to submit original colour scan copy of duly signed/sealed schedules as per format enclosed with bidding documents in support of qualifying requirements.
3.5.2	The bidder shall be required to furnish 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 Commercial/Nationalized Bank as per format enclosed with bidding documents along with the offer. The validity of Bank Guarantee should be atleast for Six (06) months from the scheduled date of techno-commercial bid opening. The Bank Guarantee shall be payable at Mumbai.

Special Note:

1. List of material/equipment for electrical & civil is enclosed herewith for ready reference of the bidders. This material/equipment shall be the part of the project scope bidder is going to offer.
2. The arrangement for cable termination at GIS module will be in bidder's scope.
3. LV termination from GIS module to outgoing OH or U/G cable is in bidder's scope.
4. Bidders is free to use U/G cable or Gas duct for T/F to GIS module & internal arrangement.
5. Bidder is free to design complete GIS module along-with 132 KV & 33 KV termination, control room and other installations. The design should be approved from CE design before execution.
6. Bidder is free to construct control room either 1 or 2 tier and other civil work for completion of the project.

4.0 General Points:-

- 4.1 The prices to be quoted against this IFB shall be in Indian Rupees only.

- 4.1.1 The estimate cost mentioned in IFB is inclusive of all taxes and duties. The bidder has to quote considering this. The successful bidder has to submit the price breakup (Ex works, Freight, Insurance, GST & Labour cess) for taxation purpose.
- 4.2 A complete set of documents can be downloaded by the bidder from MSETCL's SRM e-Tendering website <https://srm.tender.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 bidder shall be required to furnish 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 Nationalized/Scheduled Commercial Bank in the prescribed format annexed in the tender specifications as schedule 'F', along with the offer. The validity of Bank Guarantee should at least be for six (6) months from the date of opening of Techno-Commercial bid. BG should be payable at Mumbai only.
- 4.4 The tender will be considered as Works Contract in totality.
- 4.5 **Variation in Statutory Taxes / Duties if any will not be payable.**
- 4.6 **Price Variation is not applicable for this tender.**
- 4.7 Interested bidders may obtain further information, if needed, on our Website <https://srm.tender.mahatransco.in> or from the Office of, the Superintending Engineer (Tenders), Maharashtra State Electricity Transmission Co. Ltd; 3rd floor, Plot No. C-19, 'E'-Block, Bandra Kurla Complex, Bandra (East), Mumbai 400051. Tel No. 2659 5000 (Extn No. 5113/5102). Email-ID stender@mahatransco.in
- 4.8 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.
- 5.0 **Bidders are requested to note the dates for purchase, submission, and opening of bid documents as below:**

a)	Starting Date of downloading	29.01.2019
b)	Price of bid document	Rs.25,000/- plus taxes applicable
c)	Last date and time for submission of bid	20.02.2019 at 13.00 Hrs
d)	Pre bid meeting**	04.02.2019 at 15.00 Hrs
e)	Last date for submission of Queries	07.02.2019 at 15.00 Hrs
f)	Date and time for opening of techno-commercial bid	20.02.2019 at 15.00 Hrs
g)	Date and time for opening of price bid of qualified bidders	Will be informed later

** In pre bid meeting bidder has to come along with presentation on modular GIS substation they are going to offer.

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. The bidder should take care of SRM-tender website system constraint and upload the document accordingly.

Chief Engineer (C&M)