

**MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD.
CIN NO-U40109MH2005SGC153646**

Executive Engineer, MSETCL, EHV O&M Dn., Sangli
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EE/EHV O&M/DN/SGL/T/No. 00861 Date 10 JUL 2024

Subject:-E-Enquiry for the Annual Maintenance Contract Work of Servicing & Overhauling with Providing & Fixing of required spares 33KV VIJAI-Make Circuit Breakers at various S/Stns under EHV O&M Division, Sangli.

Estimated Amount limited up to Rs. **5,00,000/-** Including of all Taxes

1. Detail

1.Enquiry No.	E-Enquiry
2. Name of the Work	Annual Maintenance Contract Work of Servicing & Overhauling with Providing & Fixing of required spares 33KV VIJAI-Make Circuit Breakers at various S/Stns under EHV O&M Division, Sangli.
3.Date for download of Enquiry documents	From 10/07/2024 to 16/07/2024
4. Date for online submission of Tender Documents	On or before 16/07/2024 up to 5:30Hrs.
5. Date & Time (Hrs.) for online opening of Enquiry Documents.	a)Technical Bid Opening:- 17/07/2024 at11:00 Hrs onwards; if possible b)Commercial Bid Opening:- 17/07/2024 at14:00 Hrs onwards; if possible
6. Enquiry Amount	Rs. 5,00,000/- Including of GST

TQR. **Following documents should be attached with the quotation

- 1) The bidder should have a valid Electrical Contractor's License issued by the Govt. of Maharashtra
- 2) GST Registration, if applicable,
- 3) PAN CARD document.
- 4). The bidder should be having an experience 25% of estimated amount in a single Order of Work of Servicing & Overhauling with Providing & Fixing of required spares 33KV VIJAI-Make Circuit Breakers.

2. SCOPE OF WORK:- Annual Maintenance Contract Work of Servicing & Overhauling with Providing & Fixing of required spares 33KV VIJAI-Make Circuit Breakers at various S/Stns under EHV O&M Division, Sangli. Enquiry for by the Contractor and accepted by the competent Authority, duly authorized in that behalf by the company at rates and delivers to the place at or within the time specified and without any extra charges or expenses to the company whatsoever other than those mentioned in the accepted tender. Work should be done as per scope of work in Schedule "A".

3.COMPLETION PERIOD :- Work should be completed within 120 days.

4. VALIDITY OF OFFER :- The offer should be valid for our acceptance for a period of 180 days from the due date of opening.

5. OPERATING AUTHORITY :- Concern Sub-Station In-Charge (110KV Borgaon & Dighanchi).

6. GUARANTEE/WARRANTEE:- Material/Service should be Guaranteed/Warranted for 12 Months from date of work done

Please offer your reasonable rates for the subjected work as per Schedule 'A' given below. The scope of work is also mentioned therein.

SCHEDULE 'A'

Sr. No.	Description	Unit	MSETCL Rate / Unit Excl. of 18 % GST	Agency Rate/Unit		
				Excl. of 18 % GST	% GST	Incl. of 18 % GST
	Labour Portion					
	Overhauling of SF6/Vacuum Circuit Breaker with complete dismantling, re-erection (assembly) of breaker pole, mechanism, male female contacts , compressor with required wiring / cabling and termination required with replacement of all O-Rings, Gaskets, Contactors and replacement of male female contacts if required with required materials such as lugs, glands, TBs etc. complete.					
1	33/22/11KV Circuit Breaker without Pole	Nos	12074.55			
2	33/22/11KV Circuit Breaker with Pole	Nos	18112.33			
	Supply Portion (Spares (only if required))					
1	36kV VCB Roller Assy	Nos	6681.36			
2	36kV VCB Charged/Disch. Indication Asse	Nos	3037.29			
3	36kV VCB Moter Cut OFF Limit Switch	Nos	1422.88			
4	36kV CB T/C Half Shaft Assy	Nos	2065.25			
5	36kV CB 110V DC Close/Trip Coil (ESH)	Nos	1799.15			
6	36kV Spring Charging Motor	Nos	9638.98			
7	36kV CB Vaccum Interrupter	Nos	62411.86			
8	VI Cu Contact Block	Nos	2807.63			
9	36kV VCB Trip Coil wt Plunger Assy	Nos	3533.90			
10	36kV TNC Switch	Nos	2348.31			
11	36kV VCB Limit Switch Assy	Nos	4186.44			
12	36kV VCB Gearbox Assy	Nos	55998.31			
13	36kV VCB Motor & Gear Assy 220V AC/DC	Nos	15146.61			
14	36kV CB Drive Rod Assy wt Connector	Nos	5085.59			
15	36kV VCB Mech. Linkage& Lever/Roller Ass	Nos	14228.81			
16	36kV VCB Motor Circuit Rectifier	Nos	1101.69			

17	36kV CB Pole Drive Rod	Nos	1308.47			
18	36kV CB Spring Charger Ratchet wt Gear Assy	Nos	18222.03			
19	36kV CB Main Gear Wheel Assy	Nos	8721.19			
20	Motor Protection relay	Nos	2708.47			
21	36kV CB Trip Prop & Block Assy	Nos	6168.64			
22	36kV VCB Charging Pawl (Drive Pawl)	Nos	4011.86			
23	3Φ 1NC Contactor wt 2NC Add-On-Block	Nos	2653.39			
24	8NO+8NC CB Aux Switch	Nos	6838.98			
25	36kV VCB Ratchet Wheel Assy	Nos	5388.98			
26	36kV CB Big Pawl Assy wt Bush	Nos	4615.25			
27	Aux Contactor (CB CAD 32 MD)	Nos	2542.37			
28	36kV CB Flexible Connection	Nos	4186.44			
29	36kV CB 'O' Ring (ESH)	Nos	780.51			
30	11kV CB DC 2.26	Nos	252.54			
31	36kV VCB Push Button Bracket Assy	Nos	322.03			
32	36kV VCB Indication Lamp	Nos	212.71			
33	36kV CB Pole Top/Bottom Plate Assy	Nos	7803.39			
34	Molykot Spray	Nos	440.68			
35	36kV Trip Latch Assy	Nos	6223.73			
36	36kV VCB Tr/Cl Roller Ass. wt Bearing	Nos	3267.80			
37	11kV CB 'U' Link Assy	Nos	3297.46			
38	36kV CB Operating Latch Assy wt Spring	Nos	4306.78			
39	36kV VCB Manual Spring Charging Assy	Nos	2976.27			
40	Manual Close Push Button Assy	Nos	2188.14			
41	Unidirectional Bearing-Charging Lever	Nos	2279.66			
42	36kV CB Upper Insulator	Nos	7986.44			

Note:- 1) Rate should be quoted Inclusive of 1% Labour Cess & GST. You should quote the rate in figure reference with given schedule "A".

2) Applicable Taxes should be quoted in condition column of SRM.

Scope work for AMC of 33KV circuit breaker overhauling

1. Primary inspection of agency at site with substation In-charge
2. Prepare date and time schedule for overhauling with substation in charge
3. Mechanism and pole overhauling standard procedure should be followed

Scope of work Includes:-

- 1) Time measurement
 - i. Closing time

- ii. Tripping time coil 1
 - iii. Tripping time coil 2
- 2) Closing circuit:
- i. Coil resistance measurement.
 - ii. Local closing operation
 - iii. Remote Close Operation
3. Trip circuit :
- i. Coil Resistance measurement both coils
 - ii. Local Trip operation from each coil
 - ii. Remote trip operation from each coil
- 4.Contact resistance measurement
- 5.Trip test through protection
6. if Pole overhauling done VDR test should be taken.

Note:-

- 1) Rate should be quoted Inclusive of 1% Labour Cess & GST. You should quote the rate in figure reference with given schedule "A"
- 2) Applicable Taxes should be quoted in condition column of SRM.

Encl. 1) Annexure "W"

Yours faithfully,
Sd/-
Executive Engineer,
M.S.E.T.C.Ltd,
EHV O&M Dn, Sangli

ANNEXURE (W)
GENERAL TERMS AND CONDITIONS

1) SUPERVISION OF THE WORKS:

The works shall be under the overall supervision, and shall be subject to the approval of the Executive Engineer concerned, or his designated representative. The material to be used in execution of the works must be got approved from him in advance, and only the approved material should be used. All the material should be kept in the custody of the contractor till the completion of the work.

2) CONTRACTOR'S EMPLOYEES:

The contractor shall employ and provide on site only such employees as are skilled and experienced for execution and supervision of works. He shall also make suitable arrangement for the accommodation of his employees.

3) DAMAGE TO PERSONS AND PROPERTY:

The contractor shall indemnify the Board against any losses and claim in respect of injuries or damage to any persons, material or physical damage to any property whatsoever, which may arise out of or in consequence of the execution of the work.

4) COMPLETION PERIOD:- Work Should be completed within 90 Days from Handing over of Site. Period specified shall be strictly adhered to the being, the essence of contract.

5) QUALITY& QUANTITY: Material should be supplied/ work should be carried out as per specifications enclosed in schedule "A" with necessary test certificate & documents. The quantity considered in schedule 'A' are subjected as per actual work done and with in limited up to work order value.

6) PENALTY FOR LATE EXECUTION OF WORK:-In case of work is not completed as per schedule in specified time, the contractor shall be liable to pay penalty @ 1/2% per delayed week subject to maximum 10% of order value.

7) SITE CLEARANCE:

On completion of the works, the contractor shall clear away and remove from the site all surplus materials, rubbish and temporary work of any kind. The site should be kept clean.

8) SUB-LETTING OF CONTRACT:

The contract or any part there of shall not be assigned, transferred, or sub-let without the prior written permission of the undersigned. Even if such permission is granted, it shall be the responsibility of the principal contractor to whom the work order was originally issued, to execute the works as per the terms of the contract.

9) SECURITY DEPOSIT:

The contractor should pay security deposit at the rate of 10 % of the value of the order within 7 days from the date of receipt of order. Security Deposit is payable by (a) Cash (b) D.D. from nationalized/scheduled Bank. The S.D. will be refunded after satisfactory completion of the work/guarantee period if asked for.

*** FDR against Security Deposit should not be allowed**

10) PAYMENT TERMS:

- i) The bills in triplicate, advance stamp receipt, along with the certification from the Engineer-In-Charge for having completed the work satisfactorily. Bill recording will be done by concerned Sub-Station In-Charge.
- ii) 100% payment will be made against submission of bills as per availability of funds.

11) TAX DEDUCTION AT SOURCE:

In accordance with I.T. Act 1961, I.T. will be deducted at source at the prevailing rates from the bills. Similarly any other tax deductible at source, if applicable to this particular contract, as per statutory provisions (laid down by Central or State Government.) will also be deducted from the bills at the prevailing rates.

12) LIQUIDATED DAMAGES FOR DELAY IN EXECUTION:

Should the contractor fail to complete the works in the stipulated time period, he shall be liable to pay to the Company, the sum equal to one percent of the contract sum (for the delayed portion of work) per day delayed, subject to a maximum of ten percent as liquidated damages, and subject further to Force Major conditions.

Further, if the contractor, after having accepted the contract, is unable to execute the same in full, the Company's reserves the right to get it executed either departmentally or by any other agency, the cost & risk of which shall be borne by the contractor.

13) TERMINATION OF CONTRACT:

The undersigned reserves the right to cancel the contract, after giving due notice to the contractor, in the even of the breach of contract in any respect.

14) APPLICABILITY OF GENERAL CONDITIONS OF CONTRACT:

Notwithstanding anything stated here in, the Company's General Conditions of Contract shall be applicable to the contract, as far as they are applicable, in respect of this order.

15) Workman's Insurance:- As per Circular No. MSETCL /CO/C&M/PT/TKC-II/ No. 8450 Date 30/11/2022 , Submit of Copy of Insurance from " The Directorate of Insurance, Maharashtra State, Mumbai" Address for Insurance:- The Directorate of Insurance, Maharashtra State, Griha Nirman Bhavan, (MHADA), 264, First floor, Opp. Kalanagar, Bandra. (East), Mumbai-400051, Fax No. 022-26590746, Phone No. 022-26590403/ 26590690, after awarding the LOI/Contract or before starting work

16) JURISDICTION:

All disputes, differences related to the tender/ Contract shall be subject to the exclusive jurisdiction of Sangli District Courts.

17) Please quote your PAN No, GST No. on your bill.

18) The Competent Authority reserves the right to relax any of the above Conditions without assigning any reason thereof.

Sd/-
**Executive Engineer,
M.S.E.T.C.Ltd.
EHV O&M Dn,Sangli**