

Maharashtra State Electricity Transmission Company LTD.

CIN NO.U40109 MH 2005 SGC 153646
EHV O&M Division, Solapur.

From:

Name of Office: Office of the Executive Engineer,
Office address:- Adm. Building at 220 KV Bale
Premises Ambikanagar Barshi Road,
Bale Solapur-413255

Email ID:- ee6210@mahatransco.in.

Ref No: EE/EHV/ (O&M)/DN/SUR/Dy EE/ T/No

NO-0778

DATE: 2 JUN 2022

RFX No. 7000023339

Rate must be quoted on % Basis Only (Higher/Lower/At Par).

Sub :-E -Enquiry for the work of Repair of Faulty 33/11 KV CT's & PT's and Repair 33/0.415 KV, 100/200 KVA Station Transformer of available at various 220/132/110 kV Substation under jurisdiction of EHV O&M Division Solapur

Estimated Amount in Rs. - 10, 00,000/- only. (Inclusive of All Taxes).

Date of publication Enquiry: - From Dtd. 03.06.2022 To Dtd.12.06.2022.

Last Date for submission of Offer: - Dtd.12.06.2022.

Technical & Commercial Opening Date:- On Dtd.13.06.2022 If possible.

Dear Sir,

MSETCL invites offline bids/Quotation (E-Enquiry) from registered contractors /agencies for above said work as per schedule 'A'. You are requested to quote your lowest rate via submission of Bid/Quotation to this office on or before dtd.12.06.2022.

TERMS & CONDITIONS

1. Offer/Quotation should be submitted to this office on OR before: - Dtd.12.06.2022.
2. **% Rate must be quoted including of all taxes & duties.**
3. The bidder is in his own interest expected to visit the site of work and acquaint himself with the site conditions. Such as availability of water, electricity, labour, approach roads etc, and all other conditions which will effect the work.
4. 5% security deposit will be required to be paid before affecting the supply which will be retained till Guarantee period is over.
5. The rate quoted should be valid at least three month from the date of opening of quotation.
6. The quotation not confirming to specifications as desired below are likely to be rejected.
7. Right to accept / reject any or all Quotations or part thereof reserved by the undersigned.
8. The interpretations of undersigned on any matter of decision given by him on any disputed point will be final and binding on contractor.

Maharashtra State Electricity Transmission Company LTD.

CIN NO.U40109 MH 2005 SGC 153646

EHV O&M Division, Solapur.

9. The documents of an offer shall be written legible and free from erasures, over writing or conversion of figures, corrections where unavoidable shall be made by crossing out, rewriting initialing and dating.
10. If the bidder has any doubt the meaning of any portion of the enquiry conditions/ specifications, he should get it clarified from the office of the undersigned before submission of the offer.
11. Agency should have a standard testing set up for 33/11KV CT/PT and Station Transformer.
12. Attested copies of following documents along with offer should be submitted.
 - a) Payment of Income Tax in SARAL FORM for financial year 2020-21.
 - b) Valid GST Registration Certificate.
 - c) If Available Valid Shop Act Registration Certificate/Udyog Aadhar Certificate.
 - d) **If available at least single work order along with experience certificate by the authority not below the rank of Executive Engineer for carrying out similar type of work in MSETCL/MSEDCL must be submitted along with offer/quotation.**

OR

- e) **If available at least single work order along with experience certificate by the authority not below the rank of Executive Engineer for carrying out 33/11KV CT/PT repair work in MSETCL must be submitted along with offer/quotation.**

OR

- f) **If available at least single work order along with experience certificate by the authority not below the rank of Executive Engineer for carrying out Station Transformer repair work in MSETCL/MSEDCL must be submitted along with offer/quotation**
- g) **Valid Electrical Contractor License/Manufacturer Registration Certificate / SSI Registration Certificate.**
- h) **Preference will be given to local agency and contractor having experience for carrying out similar type of work in MSETCL.**

Encl:- Schedule 'A, B & C'.

Your's faithfully.


Executive Engineer
EHV (O&M) Division, Solapur.

Copy to:-

1. Web Master MSETCL.
2. Notice Board.

Maharashtra State Electricity Transmission Company LTD.

CIN NO.U40109 MH 2005 SGC 153646

EHV O&M Division, Solapur.

Schedule A

Sub: - E-Enquiry for the work of Repair of Faulty 33/11 KV CT's & PT's and Repair 33/0.415 KV, 100/200KVA Station Transformer of available at various 220/132/110 kV Substation under jurisdiction of EHV O & M Division, Solapur.

*** Work of repair of 33/0.415 KV, 200KVA Station Transformer***

Sr. No.	Particulars	Portion	Unit	Rate in Rs.
1	Dismantling of Complete Transformer which includes: a) H.V. Winding b) L.V. Winding c) Yoke d) Core e) Bushing f) Top Cover g) Removing tap changer connections & h) Other necessary items as required.	Labour	L.S.	3000.00
2	Painting of complete Transformer with conservator tank, radiator, OLTC etc. externally with two coats of battleship grey paint incl. paint confirming to relevant ISS.	Material	L.S.	1000.00
		Labour	L.S.	500.00
3	Painting of Transformer tank internally with two coats of hot oil resistant paint incl. supply of paint confirming to relevant ISS.	Material	L.S.	900.00
		Labour	L.S.	500.00
4	Rewinding of HV/LV Coils with new copper section and new insulation material	Material	Kg.	615.00
		Labour	Kg.	75.00
5	Re-insulation of LV Coils with existing conductor with new insulation material	Material	Kg.	85.00
		Labour	Kg.	75.00
6	Providing of insulation material	Labour	Kg.	275.00
7	Assembly of complete Transformer including cleaning of core, main tank, conservator, yoke etc. reassembly of all active parts after necessary repairs drying in the oven, providing in the terminal connections of HT & LT to bushing and tap changer, tanking, filling of oil, filtration of oil, welding if necessary, changing of all gaskets, damaged hardware and cleaning, oiling etc. and testing of complete transformer with for all routine tests as per IS 2026.	Labour	LS	7500.00
8	SUPPLY OF FOLLOWING PARTS:			
1	HV Bushing	Material	No.	550.00
2	HV Terminal Rod with Accessories	Material	No.	750.00
3	LV Bushing	Material	No.	200.00

Maharashtra State Electricity Transmission Company LTD.

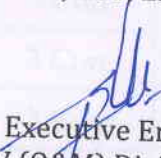
CIN NO.U40109 MH 2005 SGC 153646

EHV O&M Division, Solapur.

4	LV Terminal Rod with Accessories	Material	No.	850.00
5	Explosion vent diaphragm	Material	No.	150.00
6	Vavle for oil draining 25/32 mm	Material	No.	1800.00
7	Drain/ Sampling Valve 25/32 mm	Material	No.	1800.00
8	Breather for main tank	Material	No.	750.00
9	M.S. Nut Bolts	Material	No.	100.00
10	Plain Oil Guage	Material	No.	250.00
11	LESS: [SALVAGE VALUE]			
a)	M.S. Parts Scrap Incl hardware	Material	Kg.	15.00
b)	Brass Parts such as HV &LV rods & Valves etc.	Material	Kg.	50.00
c)	Copper scrap of HV winding etc	Material	Kg.	300.00

Note:- 1) % Rate must be quoted Including of all taxes.

2) % Rate quoted should be Inclusive of all taxes like L Cess, GST, Excise Duty, etc should be mentioned clearly, if applicable.


Executive Engineer
EHV (O&M) Division, Solapur.

Maharashtra State Electricity Transmission Company LTD.

CIN NO.U40109 MH 2005 SGC 153646

EHV O&M Division, Solapur.

Schedule B

Sub: - E-Enquiry for the work of Repair of Faulty 33/11 KV CT's & PT's and Repair 33/0.415 KV, 100/200KVA Station Transformer of available at various 220/132/110 kV Substation under jurisdiction of EHV O & M Division, Solapur.

Sr. No	Names of Item	Core	Unit	Rate
A	Current Transformer			
1	Repair of failed 33/11 KV CT 2,3&4 Core Outdoor Oil Cooled type, Vacuum Treatment, Replacement of insulation material, Providing Hardware, terminal, bushing, Gasket etc. Painting, tank welding if required, oil replacement, Repairing of failed CT Coil Complete, reassembling and testing etc. Fresh oil + 3% Handling Loss will be provided by the MSETCL.			
2	33KV CT Ratio 400-200/1 Amp	3 Core	No	16189.6
3	33KV CT Ratio 800-400/1Amp	3 Core	No	18271.12
4	33KV CT Ratio.1600-800/1A	3 Core	No	20583.92
5	33KV CT Ratio 400-200/1 Amp	2 Core	No	14801.92
6	33KV CT Ratio 800-400/1Amp	2 Core	No	15958.32
7	11KV CT Ratio 400-200/1 Amp	2 Core	No.	12720.4
8	11KV CT Ratio 1600-800/1A	2 Core	No.	15958.32
B	Potential Transformer			
	Repair of failed 33 KV PT Outdoor Oil Cooled Type, Vacuum Treatment, and Replacement of insulation material, Providing Hardware, Terminal, Bushing, Gasket etc. Painting, Tank welding if required, oil replacement, Repairing of failed CT Coil Complete, Reassembling and testing etc. Fresh oil + 3% Handling Loss will be provided by the MSETCL.			
1	33KV PT Ratio 33/√3/ 110/√3	3 Core	No	15703.91
2	11KV PT Ratio 33/√3/ 110/√3	2 Core	No.	8268.26

Note:- 1) % Rate must be quoted Including of all taxes.

2) % Rate quoted should be Inclusive of all taxes like L Cess, GST, Excise Duty, etc should be mentioned clearly, if applicable.

Executive Engineer
EHV (O&M) Division, Solapur.

Maharashtra State Electricity Transmission Company LTD.

CIN NO.U40109 MH 2005 SGC 153646

EHV O&M Division, Solapur.

Schedule C

Sub: - E-Enquiry for the work of Repair of Faulty 33/11 KV CT's & PT's and Repair 33/0.415 KV, 100/200KVA Station Transformer of available at various 220/132/110 kV Substation under jurisdiction of EHV O & M Division, Solapur.

* Work of repair of 33/0.415 KV, 100KVA Station Transformer*

Sr. N o.	Particulars	Portion	Unit	Rate in Rs.
1	Dismantling of Complete Transformer which includes: a) H.V. Winding b) L.V. Winding c) Yoke d) Core e) Bushing f) Top Cover g) Removing tap changer connections & h) Other necessary items as required.	Labour	L.S.	2000.00
2	Painting of complete Transformer with conservative tank, radiator, OLTC etc. externally with two coats of battleship grey paint incl. paint confirming to relevant ISS.	Material	L.S.	1000.00
		Labour	L.S.	500.00
3	Painting of Transformer tank internally with with two coats of hot oil resistant paint incl. supply of paint confirming to relevant ISS.	Material	L.S.	900.00
		Labour	L.S.	500.00
4	Rewinding of HV/LV Coils with new copper section and new insulation material	Material	Kg.	615.00
		Labour	Kg.	75.00
5	Re-insulation of LV Coils with existing conductor with new insulation material	Material	Kg.	85.00
		Labour	Kg.	75.00
6	Providing of insulation material	Labour	Kg.	275.00
7	Assembly of complete Transformer including cleaning of core, main tank, conservator, yoke etc. reassembly of all active parts after necessary repairs drying in the oven, providing in the terminal connections of HT & LT to bushing and tap changer, tanking, filling of oil, filtration of oil, welding if necessary, changing of all gaskets, damaged hardware and cleaning, oiling etc. and testing of complete transformer with for all routine tests as per IS 2026.	Labour	LS	5000.00
8	SUPPLY OF FOLLOWING PARTS:			
1	HV Bushing	Material	No.	550.00
2	HV Terminal Rod with Accessories	Material	No.	400.00

Maharashtra State Electricity Transmission Company LTD.

CIN NO.U40109 MH 2005 SGC 153646

EHV O&M Division, Solapur.

3	LV Bushing	Material	No.	200.00
4	LV Terminal Rod with Accessories	Material	No.	850.00
5	Explosion vent diaphragm	Material	No.	150.00
6	Valve for oil draining 25/32 mm	Material	No.	1800.00
7	Breather for main tank	Material	No.	500.00
8	M.S. Nut Bolts	Material	No.	100.00
9	Plain Oil Gauge	Material	No.	250.00
11	LESS: [SALVAGE VALUE]			
a)	M.S. Parts Scrap Incl hardware	Material	Kg.	15.00
b)	Brass Parts such as HV & LV rods & Valves etc.	Material	Kg.	50.00
c)	Copper scrap of HV winding etc	Material	Kg.	300.00

Note:- 1) % Rate must be quoted Including of all taxes.

2) % Rate quoted should be Inclusive of all taxes like L Cess, GST, Excise Duty, etc should be mentioned clearly, if applicable.

*** Estimated Cost: Rs, 10, 00,000/- only. (Rs. Ten Lakhs Only) Inclusive of all taxes**

Note:

1) If the percentage variation of estimated rates is more than (+) 5% detailed rate analysis should be submitted if so desired by the accepting authority.

2) if there is any discrepancy in figure and in words the rates quoted in words will be considered.


Executive Engineer,
EHV (O&M) DIVISION, SOLAPUR

This is to confirm that I have studied description of items in detail. I have visited the site made myself and conversant with the site & working conditions.

I am ready to execute the above prescribed work with.

- 1) % Below [In words] of the Estimated cost.
- 2) At par [In words] of the Estimated cost.
- 3) Above [In words] of the Estimated cost.

Dated

Signature of Contractor with seal

Name:

Address: