


 <p><b>MAHATRANSCO</b> Maharashtra State Electricity Transmission Co. Ltd.</p>	<p><b>MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.</b>  <b>Government of Maharashtra (Undertaking)</b>  <b>(CIN: U40109MH2005SGC153646)</b>  <b>OFFICE OF THE EXECUTIVE ENGINEER</b>  <b>EHV O&amp;M DIVISION, MANCHAR</b>  DSK's Pride , Survey No-170/7B, Pune-Nashik Highway,  In front of Rural Health Centre, Manchar , Tq- Ambegaon Dist: Pune-410503  E-mail: <a href="mailto:ee61A0@mahatransco.in">ee61A0@mahatransco.in</a>, <a href="mailto:eeManchar404@gmail.com">eeManchar404@gmail.com</a>  Ph- 02133-223040/41</p>	
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**EE/EHV/O&M/Division/Manchar/Tech/No. 348**

**Date: 29.04.2024**

**To,  
WHOM SO EVER IT MAY CONCERN**

**Subject:-**Calling a budgetary offers in r/o rate contract for the work of for maintenance, servicing & repairing of 220/110/48 V battery sets & battery chargers at various EHV Substations under EHV O&M Division Manchar.

Dear Sir,

The budgetary offers through e-mail are hereby invited for the above work as per **Schedule 'A'** mentioned below:-

Sr. No.	Particulars	UOM	Ex-Rate	GST	Unit Rate
<b>A</b>	<b>Labour Part</b>				
1	Reconditioning of 100AH battery cell removed from battery set as per standard procedure.	EA			
2	<b>Maintenance of Battery Charger (220V/110V/48V):</b> Servicing/repairs of all Capacities of Battery Charger of any make (Servicing includes cleaning, internal setting of output voltage & current to required value including detail checking every quarter, Checking of unbalance A.C. supply, checking of annunciation circuits, DC voltage/Current Characteristics, Testing of Harmonics, Testing of Loose connections if any) as & when required	EA			
3	Engr. Service for Battery /Charger Work (Charges for deputation/utilization of man power for repairing of battery charger or for battery work, cable work etc.)	EA			
4	Repairing of Control Card (Repairing of control card along with required material like various transistors, resistors, capacitors, IC etc.)	EA			
5	Rearrangement of 110 V Battery Set	EA			
6	Rearrangement of 220 V Battery Set	EA			
7	Rearrangement of 48 V Battery Set	EA			
8	Transportation of Battery Cell (Transportation of battery cell from Sub-Station to store for reconditioning & vice versa)	EA			
9	Attending Earth Leakage Fault of DC Circ (220V)	EA			
10	Attending Earth Leakage Fault of DC Circ (110V)	EA			
11	Attending Earth Leakage Fault Dc Circ (48 V)	EA			
12	Rewinding of main Transformer of Charger (220V Charger) (Rewinding of coil etc. along with required material)	EA			
13	Rewinding of main Transformer of Charger (110/48 V Charger) (Rewinding of coil etc. along with required material)	EA			
14	DC feeder Separation (220 V )	EA			
15	DC feeder Separation (110 V )	EA			
16	DCDB Feeder Separation on Load	EA			
17	Repairing of Charger 3 0 SCR Controller (Repairing of SCR controller along with required material various transistors, resistors, capacitors, IC etc.)	EA			

<b>B</b>	<b>Supply Part</b>				
1	Electrolyte for Battery	Ltr.			
2	48 V Battery Insulator- Battery Stand (Wooden battery Stand)	EA			
3	110VBattery Insulator Stand (Wooden battery Stand)	EA			
4	220 DC Battery Insulator Stand (Wooden battery Stand)	EA			
5	DC Battery Hydrometer	EA			
6	Battery Cable -48 V Battery Set (Single Core Copper Flexible Multi strand 35 Sq.mm.)	m			
7	Battery Cable -110 V Battery Set (Single Core Copper Flexible Multi strand 50 Sq.mm.)	m			
8	Battery Cable -220 V Battery Set (Single Core Copper Flexible Multi strand 70 Sq.mm.)	m			
9	2 P 250 V 40 A ON - OFF Switch	EA			
10	2 P 40 A 4 Ways ON -OFF DC Switch	EA			
11	3 P 16 A ON-OFF 440V Switch	EA			
12	12 A Auto / Manual Selector Switch	EA			
13	INO+INC 6A Push Button	EA			
14	2-20 A Fuse Link	EA			
15	6-32 A Fuse Link	EA			
16	100A Fuse Link	EA			
17	250A Fuse Link	EA			
18	20-40 A Semi-Conductor Fuse (GSA)	EA			
19	45-75 A Semi-Conductor Fuse (GSB)	EA			
20	W.W. Resistance-3 to 15 K 50W	EA			
21	Potentiometer 1K to 10 K 3W	EA			
22	40-100 V DC Analog Voltmeter ( S-144Sqmm)	EA			
23	0-500V DC Analog Voltmeter (S-960 )	EA			
24	DC Ammeter S-96 0-25 A	EA			
25	DC Ammeter S-96 0-50 A	EA			
26	DC Milliammeter S-96 10-0-10 Ma	EA			
27	600 PIV 20A Diode	EA			
28	100A 600 PIV Battery Tap Diode	EA			
29	110V/220V Battery Charger SCR ( 25Amp -40Amp)	EA			
30	48 V Battery Charging Filter Capacitor (4700 Mfd/100V DC)	EA			
31	110 V Battery Charging Filter Capacitor (2200-2500Mfd/200V DC)	EA			
32	220 V Battery Charging Filter Capacitor (2500Mfd/400V DC)	EA			
33	10 A Milking Booster (Single Phase, 15V DC/10Amp DC)	EA			
34	1 $\phi$ SCR Controller (3 Ph SCR Main Controller card)	EA			
35	3 $\phi$ H&F Controller Synchronizing Card ( HVPF Controller card)	EA			
36	AC Under Voltage Relay (3CO/230V AC)	EA			
37	Battery DC Earth Fault Relay ( Earth Leakage Controller card)	EA			
38	Dc Under Over Voltage Relay ( 2CO.48V/110V/220V DC Relay)	EA			
39	415 V AC Input Fuses (3 Fuses)	EA			
40	220 V Dc output Fuses (2 Fuses)	EA			
41	3 P 415 V 20 A MCCB with Aux Switch	EA			
42	2 P 25 A MCCB with aux switch	EA			
43	2 P 250 V 15 A DC MCCB with aux switch	EA			
44	2 P 40 DC MCCB with aux switch	EA			
45	48 V DC Contactor (12426) ( TP 1D-2501D)	EA			
46	110 V DC Contactor Set ( 50Amp DC)	EA			
47	220 V DC 65 A Contactor	EA			
48	250 V 10mm DCDB LED Indicating Lamp	EA			
49	Electronic Component Cleaner ( CRC )	EA			
50	110 V DC Gang Bell ( Hooter for Battery charger)	EA			
51	48 V 200 A Battery Charger Main T/F ( I/P-415V AC, O/P-60V AC, 50Amp)	EA			
52	110 V 220 A Charger Main T/F ( I/P-415V AC, O/P-140V AC, 30Amp)	EA			

53	Battery Charger DC Choke (51V, 30Amp)	EA			
54	Power Wire wt H/W- Charger Modification	EA			
55	5L Battery Water Can	EA			

**Note:- Rate shall be valid for 60 days from the date of submission of offer.**

You are requested to quote your best reasonable rate for the above work. The Terms & Conditions are as follows.

**Terms & Conditions:-**

- 1) The rate should be quoted on firm quotation basis.
- 2) The rates should be exclusive of all taxes. Taxes should be quoted extra.
- 3) You are requested to submit your best reasonable budgetary offer as per Schedule 'A' for above works on **E-mail ID: ee61A0@mahatransco.in up to 11:00 Hrs on dtd. 08.05.2024.**
- 4) Following documents should be submitted along with your offer:-
  - a) Shop Act / Udyog Aadhar Registration Certificate.
  - b) Work Experience Certificate for similar nature of works in MSETCL/MSEDCL/ in any Power Utility or in Private Company in India.
- 5) **Please note that said budgetary offer is only for estimate purpose & will not be considered for any bidding & no work order will be issued based on this offer.**

Thanking you,

Yours Faithfully

Sd/-  
(S R Wagh)  
**Executive Engineer**  
**EHV O&M Division Manchar**