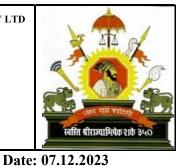


MAHARASHTRA STATE ELECTRICITY TRANSMISSION COMPANY LTD

Government of Maharashtra (Undertaking) (CIN:U40109MH2005SGC153646)

Office of The Executive Engineer 400 kV RS O&M Division, Chakan

Plot No. P-10, Opp. Mercedes Benz, Phase III, Chakan MIDC, Tal-Khed, Dist.- Pune 410501 EEoffice: 9175142327/ 7447440552 Email Id: ee6180@mahatransco.in



Ref. No.EE/400 KV/CHAKAN/Tech/23-24/ 432

ENQUIRY (Through MSETCL webpage)

To,
WHOM SO EVER IT MAY CONCERN

Subject: Calling a budgetary offer for supply and installation of 5 kVA online microprocessor controlled IGBT based Static inverter with 1 Year Comprehensive Onsite Warranty at 400kV R. S. O&M Division, Chakan

Dear Sir,

The budgetary offers through email are invited for supply and installation of 5 kVA online microprocessor controlled IGBT based Static inverter with 1 Year Comprehensive Onsite Warranty at 400kV R. S. O&M Division, Chakan as per Schedule 'A' and Schedule 'B'- General Technical specifications of 5 kVA inverter' as mentioned below-

Schedule 'A'

Sr. No.	Description	UoM	Ex- Rate	GST	Unit Rate (incl of GST)
1	Supply and Installation of 5 kVA On Line microprocessor controlled IGBT based Static inverter with 1 Year Comprehensive Onsite Warranty	No			

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

Schedule 'B' General Technical specifications of 5 kVA inverter

Type of inverter	On Line microprocessor controlled IGBT based Static			
	inverter			
Rating @ 50 °c	5 KVA @ 0.8PF			
Type of power switching	Pulse width modulation			
Input Voltage	Priority Input: 220V DC ± 10% DC to be taken from station battery bank. Alternate input: Auto switch to 230 V AC input in case of DC input failure			
Output voltage	220/230V AC <u>+</u> 1%			
Nominal Frequency	50Hz ±0.3%			

Voltage adjustment range	+/- 5%
Accuracy (Steady State)	+/- 1%
Transient voltage regulation for	
Nominal frequency	50 Hz
Frequency regulation i) Free running	0.01 Hz
Total harmonic distortion	Less than 2.5% for linear load & Less than 5% for non-linear load
Single harmonic	Less than 2%
Overload capability	
125% of full load	1 Mins.
150% of full load	1 Secs.
Power factor range	Rated 0.8(0.6 to Unity, within KVA & KW)
Branch fuse clearing capability	30% rated (HRC) type fuse) 10% rated (Slow Blow type fuse)
Operating Temperature	0 ºc -55 ºc
Relative Humidity for Operation	< 95% - non condensing
Acoustic noise	< 60 dB above ambient noise
Protection class	IP – 21
Method of cooling	Forced air cooling
Alarm	Dry Contact for Minor & Major Alarm
Warranty	1year

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 rate 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 work on Email ID: ee6180@mahatransco.in upto 11:00 Hrs. on dtd 15.12.2023.
- 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 will be issued based on this offer.

Thanking You,

Sd/-S.S Patil Executive Engineer 400KV RS (O&M) Division MSETCL, Chakan

Copy to:

- 1. The Adl.EE (Maintenance Unit), 400 kV Chakan
- 2. The Adl.EE (Testing Unit), 400 kV Chakan
- 3. The Dy. Manager (F&A), 400KV R.S. (O&M), Division, Chakan