

KARNATAKA POWER TRANSMISSION CORPORATION LTD.



Corporate Office
Kaveri Bhavan,
Bangalore - 560 009

Sub : Procurement of 11kV Switchgears from M/s MEI Ltd, Bengaluru.

- Ref :**
1. KPTCL order No: KPTCL/B25/CEE(T&P)/SEE(T&P)/EE(P)/AEEP-2/ 19-20 Bengaluru, dated 27.06.2019.
 2. Government Notification No. FD 200 Exp:12 /2020 dated 26.03.2020 of Finance Department, GOK.
 3. Proceedings of the price fixation committee meeting held on 29.05.2020.
 4. MEI Letter Nos: MEI/MD/MKTG/009, 00064, 000344 and 000393 dated 13.05.2020, 15.05.2020, 08.06.2020, 19.06.2020 and 25.06.2020.
 5. Note No: CEE (T&P)/SEE (T&P)/EE (P)/AEE-P2/2020-21 dated 22.06.2020 approved by the Managing Director, KPTCL on 01.07.2020.

*EE(IT-1)
B.S. 22/7/2020*

*Ag
22/7/2020*

Preamble:

The Finance Department, Government of Karnataka vide notification No.: FD 200 Exp:12 /2020 dated 26.03.2020, has granted exemption under 4(g) of KTPP Act to procure 11kV Switchgears required for FY 2020-21, directly from M/s MEI Ltd., Bengaluru.

In this regard, price fixation committee meeting chaired by the Managing Director, KPTCL was held on 29.05.2020 for negotiations between KPTCL and MEI for fixing the rates of 11kV Switchgears to be procured from M/s MEI Ltd., Bengaluru for the year 2020-21. In the meeting; after detailed discussions, it was decided to consider the request of MEI for considering IEEMA price variation for the month of April-2020 as zero and fixing the ex-works prices of 2019-20 for April-2020 and updating the prices as per IEEMA Circulars every month for FY 2020-21.

As per the earlier approved KPTCL order, an additional amount of Rs.4500/- per panel for providing 0.2S accuracy class CTs were admissible. Hence M/s MEI has included Rs.4500/- to the ex-works rates of all the panels.

Further, MEI was requested to furnish the breakup details for all the items for which additional rates are claimed with justification so as to examine their request.

In this regard, MD, KPTCL instructed CEE (T&P) to obtain the details from M/s MEI and submit the proposal for consideration of DT/DF/MD, KPTCL on file.

As intimated in the meeting, M/s MEI Ltd vide letters dated 08.06.2020 & 19.06.2020 have furnished the reasons for the additional rates claimed for 12 items submitted in their proposal. Proposal was placed before MD/DT/DF, KPTCL on file for consideration. The Managing Director, KPTCL directed for further price negotiations with MEI for these 12 items. M/s MEI Ltd vide letter dated 25.06.2020 offered discount on these 12 items ranging from Rs.2068/- to Rs.8000/-. The revised negotiated rates duly deducting the discount offered by M/s MEI Ltd., were placed before MD, KPTCL and the following were approved.

- 1) Fixing of rates pertaining to 11kV Switchgears of M/s. MEI Ltd make and Retrofitting of 11kV Switchgears for FY 2020-21 duly taking into account the following;
 - a) Considering IEEMA price variation for the month of April-2020 as zero and fixing the ex-works prices of 2019-20 for April-2020 and updating the prices as per IEEMA Circulars every month for FY 2020-21.
 - b) Including an additional amount of Rs.4500/- per Panel for providing 0.2S accuracy class CTs to base/ ex-works rates of all the panels as approved in the earlier KPTCL Order dtd: 27.06.2019 as 0.2S accuracy class CTs have to be provided for all the panels according to the latest Technical Specification.
 - c) Considering additional difference in amount for providing 0.2S accuracy class CTs and odd ratio CTs in PCVCB panels and for providing odd ratio CTs in SCADA-DAS compatible MCVCBs and for additional amount for Bus-couplers as the copper consumption is more.
- 2) Terms and conditions in line with the previous rate contract order dated 27.06.2019 for FY 2019-20 and as per the discussions held in the price fixation committee meeting.

SE (T & P) (MIS)

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Hence this order:

Order No: KPTCL/B25/CEE(T&P)/SEE(T&P)/EE(P)/AEEP-2/2020-21 Dated: 22.07.2020

Approval is hereby accorded to CEE(T&P) to enter into a rate contract with M/s MEI Ltd., Bengaluru as per the mutually agreed negotiated ex-works price with M/s MEI Ltd, Bengaluru for supply of 11kV Switchgears for replacement and augmentation works and all other works of Substations, including Substation under deposit contribution works/self -execution works. The negotiated Ex-works prices are as follows:

Sl.No	Nomenclature	Unit Ex-works price in Rs. (Taxes and F&I extra)
1	2	3
1	11kV PCVCB, 350MVA, 20kA, 1250A incomer 800A feeder	
a.	Incomer Panel	516267.00
b.	Feeder Panel	394817.00
c.	Feeder Panel for capacitor bank	460383.90
2	11kV PCVCB, 500MVA, 25kA, 1250A incomer 800A feeder	
a.	Incomer Panel	516267.00
b.	Feeder Panel	397734.88
c.	Feeder Panel for capacitor bank	465059.68
3	11KV PCVCB, 500MVA, 25kA, 1600A incomer 1250A feeder	
a.	Incomer Panel	532000.00
b.	Feeder Panel	439000.00
c.	Feeder Panel for capacitor bank	489376.00
4	11kV MCVCB, 350MVA, 20kA, 1250A incomer 800A feeder	
a.	Incomer Panel	612196.34
b.	Feeder Panel	543702.19
c.	Bus Coupler	514292.26
d.	Feeder Panel for capacitor bank	609885.55

Sl.No	Nomenclature	Unit Ex-works price in Rs. (Taxes and F&I extra)
1	2	3
5	11kV MCVCB, 500MVA, 25kA, 1250A incomer 800A feeder	
a.	Incomer Panel	612997.19
b.	Feeder Panel	544948.15
c.	Bus Coupler	530648.00
d.	Feeder Panel for capacitor bank	610036.41
6	11kV MCVCB, 500MVA, 25kA, 1600A incomer 1250A feeder	
a.	Incomer Panel	624122.38
b.	Feeder Panel	552646.71
c.	Bus Coupler	530648.00
d.	Feeder Panel for capacitor bank	619317.17
7	11kV MCVCB, 500MVA, 31.5kA, 2000A incomer 1600A feeder	
a.	Incomer Panel	809401.61
b.	Feeder Panel	676836.19
c.	Bus Coupler	716712.28
d.	Feeder Panel for capacitor bank	745265.18
8	SCADA-DAS compatible 11kV MCVCB, 500MVA, 25kA, 1600A incomer 1250A feeder	
a.	Incomer Panel	656874.50
b.	Feeder Panel	634897.00
c.	Bus Coupler	659106.00
d.	Feeder Panel for capacitor bank	679022.00
9	SCADA-DAS compatible 11kV MCVCB, 500MVA, 31.5kA, 2000A incomer 1600A feeder:	
a.	Incomer Panel	832271.72
b.	Feeder Panel	751477.75

Sl.No	Nomenclature	Unit Ex-works price in Rs. (Taxes and F&I extra)
1	2	3
c.	Bus Coupler	852701.00
d.	Feeder Panel for capacitor bank	791714.08
10	Annunciator Panel for the following combinations (Both for MCVCB & PCVCB)	
a.	1I/c + 4F	89976.22
b.	1I/c + 5F	115683.69
c.	2I/c + 8F	162278.51
d.	1I/c + 4F + 1CB	106043.39
e.	1I/c + 5F + 1CB	131750.88
f.	2I/c + 8F + 2CB	194412.88
g.	2I/c + 8F + 1BC	176738.97
h.	2I/c + 10F + 1BC	194412.88
i.	2I/c + 12F + 1BC	212086.78
j.	2I/c + 14F + 1BC	229760.67
k.	2I/c + 16F + 1BC	263501.74
l.	1I/c + 6F + 1CB	142361.20
m.	1I/c + 7F + 1CB	152971.52
n.	2I/c + 7F + 1BC+1CB	187349.29
o.	2I/c + 9F + 1BC +1CB	205023.20
p.	2I/c + 13F + 1BC +1CB	240370.99
q.	Annunciator Panel for Single Feeder	33549.88
r.	Annunciator Panel for Two Feeders	45975.75
s.	Annunciator Panel for Three Feeders	58401.63
t.	Annunciator Panel for Four Feeders	70827.51
u.	Annunciator Panel for one Capacitor Bank panel	45975.75
v.	Annunciator Panel for two Capacitor Bank panel	70827.51
w.	Annunciator Panel for three Capacitor Bank panel	89976.22

Sl.No	Nomenclature	Unit Ex-works price in Rs. (Taxes and F&I extra)
1	2	3
11	Adapter Panel for MCVCB	
a.	Adapter Panel (1250A)	115264.54
b.	Adapter Panel (2000A)	130633.15
c.	Adapter Panel (3000A), 31.5kA	135409.87

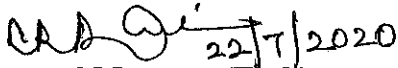
12. Rate contract for Retrofitting of Breakers			
Sl.No.	Particulars	Rates (Ex-works) for FY 2020-21 (Taxes & F&I extra)	Labour charges for FY 2020-21 (Taxes extra)
1	2	3	4
1	Retrofitting of MCVCB-Horizontal Draw out 20kA/25kA	196130.43	7471.75
2	Retrofitting of MCVCB-Horizontal Draw out 31.5kA	219666.07	7471.75
3	Retrofitting of PCVCB any make (Incomer) including flexible connections and terminal connector	201576.31	10345.50
4	Retrofitting of PCVCB any make (Feeder) including flexible connections and terminal connector	197470.64	10345.50

13. Rate contract for Retrofitting from Non-DAS to DAS compatible 11kV Switchgear:			
Sl.No:	Particulars	Rates (Ex-works) for FY 2020-21 (Taxes & F&I extra)	Labour charges for FY 2020-21 (Taxes extra)
1	2	3	4
1	Retrofitting of MCVCB MEI to MEI from Non-DAS to DAS system Incomer	238315.00	8550.00
2	Retrofitting of MCVCB MEI to MEI from Non-DAS to DAS system Feeder & Bus Coupler	258295.00	8550.00
3	Retrofitting of MCVCB MEI to MEI from Non-DAS to DAS system Capacitor Bank	248650.00	8550.00

***F&I and Taxes extra**

1. Price Basis:- The same method of pricing i.e., updating the prices as per IEEMA Circulars every month in respect of price fixation of 11kV Switchgears and Retrofitting of Breakers shall be adopted.
2. The validity of the rate shall be for one year from 01.04.2020 to 31.03.2021.
3. DLMS compatible meters shall be provided for Incomer Panels and Feeder panels.
4. 2.5Sqmm copper control wire shall be used for DC Control wiring in panels.
5. Multi-Function Meters & Tri vector Meters shall be provided for capacitor Bank panels.
6. 5P20 accuracy class, 15VA Burden CTs shall be provided for Incomer Panels, Feeder panels and Bus Couplers for both MCVCBs and PCVCBs.
7. M/s. MEI shall provide guarantee for CTs & PTs for a period of 3 years from the date of commissioning of 11kV Switchgears and attend any problems at site arising out of manufacturing defects/malfunctioning of CTs & PTs by replacing/repairing at site at free of cost during guarantee period of 3 years.
8. In case of PCVCB Panels where CTs of capacities higher than 800-600A/1-1-1A are used, then an additional amount of Rs.1600/CT (Rs.1600X3=Rs.4800/Panel) is admissible.
9. Additional amount of Rs.1760/- per window is admissible in case of additional window for different configuration of Annunciation panel other than the combination mentioned above.
10. M/s. MEI shall provide guarantee for 11kV Switchgears for a period of 18 months from the date of commissioning of 11kV Switchgears and attend any problems at site arising out of manufacturing defects/malfunctioning of 11kV Switchgears by replacing/repairing at site at free of cost during guarantee period.
11. F&I and Taxes extra.
12. Chief Engineers/SEEs of Transmission Zones /Circles are delegated with powers to place orders for 11kV Switchgears and retrofitting of Breakers as per the Manual of Delegation of Financial Powers duly observing KPTCL norms and as per the rate contract entered into between Chief Engineer, Electy, T&P, KPTCL and M/s. MEI.

13. M/s MEI shall obtain approval to GTPs and Drawings from the respective CEEs of Transmission Zones.
14. 0.2S Accuracy class Energy Meters, PTs and CTs have to be provided.
15. All protective relays shall be numerical type and Energy meters shall be of SAMAST (Scheduling, Accounting, Metering and Settlement of Transactions) compliant as per the latest Technical Specifications.
16. Any clarification required regarding procurement of 11kV Switchgear & Retrofitting, issues may be obtained from CEE(T&P), KPTCL, Kaveri Bhavan, Bengaluru.


22/7/2020
Deputy General Manager (Tech)
KPTCL, Bengaluru

To:

1. All Chief Engineers (Electy), KPTCL.
2. FA (A&R)/FA (I/A) and FA(RA) KPTCL, Kaveri Bhavan, Bengaluru-09.

Copy to:

1. The Superintending Engineer (EI), (IT&MIS), KPTCL, Kaveri Bhavan, Bengaluru - with a request to upload this order on the website of KPTCL.
2. Company Secretary, KPTCL, Kaveri Bhavan, Bengaluru.
3. SPS to Managing Director/ Director(Transmission)/ Director(Finance)/ Director(A&HR), Kaveri Bhavan, Bengaluru with a request to place it before MD/D(T)/D(F)/D(A&HR) .
4. AO, Codification Cell, KPTCL, Kaveri Bhavan, Bengaluru-09.