



## Karnataka Power Transmission Corporation Ltd.,

Corporate Identity Number (CIN): U40109KA1999SGC025521

Corporate Office,  
Kaveri Bhavan,  
Bengaluru - 560 009.

Date: 18 MAR 2023

**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-2/2021-22 Bengaluru, dated:04.02.2022.
  2. Government Notification No. FD 822 Exp:12/2022 dated:11.01.2023 of Finance Department, GOK.
  3. Letter No. ENERGY/VSC/511/2022 dated:21.01.2023 of Energy Department, GOK.
  4. Proceedings of the price fixation committee meeting held on 07.02.2023.
  5. MEI letter dated:12-01-2023.
  6. Note No: CEE (T&P)/SEE (T&P)/EE (P)/AEE-P2/2022-23 dated:01.03.2023 approved by Managing Director, KPTCL on 04.03.2023.

### Preamble:

The Finance Department, Government of Karnataka vide Notification No: FD 822 Exp:12/2022 dated 11.01.2023 has granted exemption under 4(g) of KTPP Act to KPTCL and ESCOMs to procure M/s.MEI manufactured 11kV Switchgears (PCVCB, MCVCB), Retrofitting, Adapter Panel, Annunciator Panel, for a period of one year at procurement cost of Rs.7248.40 Lakhs, directly from M/s MEI Ltd., Bengaluru. The purchase approval communicated in respect of KPTCL is Rs.5268.16 Lakhs.

In this regard, Price Fixation Committee meeting chaired by Managing Director, KPTCL was held on 07.02.2023 for negotiations between KPTCL and MEI for fixing the rates of 11KV Switchgears to be procured from M/s MEI Ltd., Bengaluru for a period of one year from 11-01-2023 to 10-01-2024. In the meeting after detailed discussions it was decided to consider the following:

- 1) The prices of 11kV Switchgears for one year from 11-01-2023 to 10-01-2024 are to be fixed after reducing the 11kV Switchgear prices by 10% on the ex-works price of previous year rate contract price of IEEMA updated for the month of Jan-2023 of previous year rate.

- 2) In respect of Adapter panel, Retrofitting of Breakers and Labour charges, the preceding year rates as on the month of January-2023 shall be fixed. The prices for the above materials shall be updated every month as per IEEMA Circulars.
- 3) As specified in the GoK Notification No. FD 822 Exp:12 /2022 dated 11.01.2023 issued for exemption under 4(g) of KTPP Act for procurement of 11kV Switchgears M/s MEI and KPTCL shall ensure that, the total value of purchase orders received under rate contract for one year from 11.01.2023 to 10.01.2024 shall not exceed Rs.5268.16 Lakhs. Further, MEI shall furnish consolidated quarterly statements of purchase orders it received from KPTCL to all CEEs/SEEs of Transmission Zones/Circles, SEE(P&M) and CEE(T&P).

Accordingly the following was approved on file by DT/MD, KPTCL:

- a) For fixing the rates of 11kV Switchgears of M/s MEI Ltd make and retrofitting of 11kV Switchgears for one year from 11-01-2023 to 10-01-2024 duly taking into account the following:
  - i) The prices of 11kV Switchgears for one year from 11-01-2023 to 10-01-2024 are to be fixed after reducing the 11kV Switchgear prices by 10% on the ex-works price of previous year rate contract price of IEEMA updated for the month of Jan-2023.
  - ii) In respect of Adapter panel, Retrofitting of Breakers and Labour charges, the preceding year rates updated for the month of January-2023 shall be fixed.  
The prices for the above material shall be updated every month as per IEEMA Circulars.
- b) Terms and conditions in line with the previous rate contract order dated 04.02.2022 and as per the discussions held in the price fixation committee meeting.

**Hence this order:**

**ORDER NO: KPTCL/B25/CEE(T&P)/SEE(T&P)/  
EE(P)/AEEP-2/2022-23, Bengaluru.**

**Dated: 1 8 MAR 2023**

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 Sub-stations, including Sub-station under Deposit Contribution Works/Self-execution Works. The negotiated Ex-works prices and terms and conditions are as follows:

<b>Sl.No</b>	<b>Nomenclature</b>	<b>Unit Ex-works price in Rs. for the month of January-2023 (Taxes and F&amp;I extra)</b>
<b>1</b>	<b>2</b>	<b>3</b>
<b>1</b>	<b>11KV PCVCB, 350MVA, 20KA, 1250A incomer 800A feeder</b>	
a.	Incomer Panel	644479.59
b.	Feeder Panel	492868.03
c.	Feeder Panel for capacitor bank	574718.17
<b>2</b>	<b>11KV PCVCB, 500MVA, 25KA, 1250A incomer 800A feeder</b>	
a.	Incomer Panel	644479.59
b.	Feeder Panel	496510.55
c.	Feeder Panel for capacitor bank	580555.16
<b>3</b>	<b>11KV PCVCB, 500MVA, 25KA, 1600A incomer 1250A feeder</b>	
a.	Incomer Panel	664119.81
b.	Feeder Panel	548023.68
c.	Feeder Panel for capacitor bank	610910.33
<b>4</b>	<b>11KV MCVCB, 350MVA, 20KA, 1250A incomer 800A feeder</b>	
a.	Incomer Panel	764232.55
b.	Feeder Panel	678728.18
c.	Bus Coupler	642014.43
d.	Feeder Panel for capacitor bank	761347.88
<b>5</b>	<b>11KV MCVCB, 500MVA, 25KA, 1250A incomer 800A feeder</b>	
a.	Incomer Panel	765232.29
b.	Feeder Panel	680283.57
c.	Bus Coupler	662432.05
d.	Feeder Panel for capacitor bank	761536.21

Sl.No	Nomenclature	Unit Ex-works price in Rs. for the month of January-2023 (Taxes and F&I extra)
1	2	3
<b>6</b>	<b>11KV MCVCB, 500MVA, 25KA, 1600A incomer 1250A feeder</b>	
a.	Incomer Panel	779120.37
b.	Feeder Panel	689894.04
c.	Bus Coupler	662432.05
d.	Feeder Panel for capacitor bank	773121.80
<b>7</b>	<b>11KV MCVCB, 500MVA, 31.5KA, 2000A incomer 1600A feeder</b>	
a.	Incomer Panel	1010412.86
b.	Feeder Panel	844925.41
c.	Bus Coupler	894704.55
d.	Feeder Panel for capacitor bank	930348.44
<b>8</b>	<b>SCADA-DAS compatible 11KV MCVCB, 500MVA, 25KA, 1600A incomer 1250A feeder</b>	
a.	Incomer Panel	820006.33
b.	Feeder Panel	792570.82
c.	Bus Coupler	822792.01
d.	Feeder Panel for capacitor bank	847654.06
<b>9</b>	<b>SCADA-DAS compatible 11KV MCVCB, 500MVA, 31.5KA, 2000A incomer 1600A feeder:</b>	
a.	Incomer Panel	1038962.66
b.	Feeder Panel	938103.87
c.	Bus Coupler	1064465.46
d.	Feeder Panel for capacitor bank	988332.71
<b>10</b>	<b>Annunciator Panel for the following combinations (Both for MCVCB &amp; PCVCB)</b>	
a.	1I/c + 4F	112321.41
b.	1I/c + 5F	144413.21
c.	2I/c + 8F	202579.65
d.	1I/c + 4F + 1CB	132378.79
e.	1I/c + 5F + 1CB	164470.62

Sl.No	Nomenclature	Unit Ex-works price in Rs. for the month of January-2023 (Taxes and F&I extra)
1	2	3
f.	2I/c + 8F + 2CB	242694.44
g.	2I/c + 8F + 1BC	220631.30
h.	2I/c + 10F + 1BC	242694.44
i.	2I/c + 12F + 1BC	264757.58
j.	2I/c + 14F + 1BC	299108.71
k.	2I/c + 16F + 1BC	328941.21
l.	1I/c + 6F + 1CB	177715.96
m.	1I/c + 7F + 1CB	190961.31
n.	2I/c + 7F + 1BC+1CB	233876.64
o.	2I/c + 9F + 1BC +1CB	255939.79
p.	2I/c + 13F + 1BC +1CB	300066.04
q.	Annunciator Panel for Single Feeder	41881.84
r.	Annunciator Panel for Two Feeders	57393.62
s.	Annunciator Panel for Three Feeders	72905.41
t.	Annunciator Panel for Four Feeders	88417.20
u.	Annunciator Panel for one Capacitor Bank panel	57393.62
v.	Annunciator Panel for two Capacitor Bank panel	88417.20
w.	Annunciator Panel for three Capacitor Bank panel	112321.41
<b>11</b>	<b>Adapter Panel for MCVCB</b>	
a.	Adapter Panel (1250A)	159877.74
b.	Adapter Panel (2000A)	181194.78
c.	Adapter Panel (3000A), 31.5kA	187820.33

<b>12. Rate contract for Retrofitting of Breakers</b>			
<b>Sl. No.</b>	<b>Particulars</b>	<b>Unit Ex-works price in Rs. for the month of January-2023 (Taxes and F&amp;I extra)</b>	<b>Labour charges for the month of January-2023(Taxes extra)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
1	Retrofitting of MCVCB-Horizontal Draw out 20KA/25kA	272042.82	7822.18
2	Retrofitting of MCVCB-Horizontal Draw out 31.5KA	304687.95	7822.18
3	Retrofitting of PCVCB any make (Incomer) Including Flexible connections and terminal connector	279596.53	10830.70
4	Retrofitting of PCVCB any make (Feeder) Including Flexible connections and terminal connector	273901.76	10830.70


<b>13. Rate contract for Retrofitting from Non-DAS to DAS compatible 11kV Switchgear:</b>			
<b>Sl.No.</b>	<b>Particulars</b>	<b>Unit Ex-works price in Rs. for the month of January-2023 (Taxes and F&amp;I extra)</b>	<b>Labour charges for the month of January-2023(Taxes extra)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
1	Retrofitting of MCVCB MEI to MEI from Non-DAS to DAS system Incomer	330554.96	8951.00
2	Retrofitting of MCVCB MEI to MEI from Non-DAS to DAS system Feeder & Bus Coupler	358268.22	8951.00
3	Retrofitting of MCVCB MEI to MEI from Non-DAS to DAS system Capacitor Bank	344890.13	8951.00

**\*F&I and Taxes extra**

## **Terms And Conditions:**

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 11.01.2023 to 10.01.2024.
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 and CTs and 0.2 Accuracy class PTs 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. M/s MEI and KPTCL shall ensure that, the total value of purchase orders received under rate contract for one year from 11.01.2023 to 10.01.2024 shall not exceed Rs.5268.16Lakhs. Further, MEI shall furnish consolidated quarterly statements of purchase orders it received from KPTCL to all CEEs/SEEs of Transmission Zones/Circles, SEE(P&M) and CEE(T&P).
17. Any clarification required regarding the procurement of 11KV Switchgear & retrofiting issues may be obtained from CEE(T&P), KPTCL, Kaveri Bhavan, Bengaluru.

  
**General Manager(Tech)**  
**KPTCL, Bengaluru.**

Copy To:

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

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.