

# KARNATAKA POWER TRANSMISSION CORPORATION LTD.



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

- Ref:**
- 1.KPTCL order No.KPTCL/B25/ 17517/ 2010-11 dt:07-06-2012.
  - 2.KPTCL order No.KPTCL/B25/17517/2010-11 dt:13-08-2012.
  - 3.KPTCL order No.KPTCL/B25/17517/2010-11 dt:01-08-2013.
  - 4.Letter No.CEE, T&P/SEE/EE (P)/AEE-P2/2014-15/820-27 dated 22-05-2014.
  - 5.KPTCL order No.KPTCL/B25/17517/2010-11 dt:09-06-2015.
  - 6.Addendum No: KPTCL/B25/17517/10-11 dated 18-09-2015.
  - 7.Government Notification No:FD 116 Exp-12/16 dated 15-03-2016 of Finance Department, GOK, Bengaluru.
  - 8.Proceedings of the price fixation committee meeting held on 23-09-2016.

## Preamble:

The Finance Department of Government of Karnataka in their notification No.FD 236 Exp-12/15 dated 06-04-2015 had granted exemption under 4(g) of KTPP Act to M/s MEI Ltd., Bengaluru authorizing KPTCL & ESCOMs to procure 11KV Switchgears directly from M/s MEI Ltd., Bengaluru for the year 2015-16.

Accordingly, KPTCL, vide order dt:09-06-2015 cited under reference(5) had accorded approval to place orders on M/s MEI Ltd., Bengaluru for supply of 11KV Switchgears at the negotiated rates for the year 2015-16 in respect of new station works, station capacity Augmentation Works, Niranthara Jyothi Works and replacement works.

On 15-03-2016, Finance Department of Government of Karnataka in their notification No.FD 116 Exp-12/16 has granted exemption under 4(g) of KTPP Act to M/s MEI Ltd., Bengaluru to procure 11KV Switchgears directly from M/s MEI Ltd., Bengaluru for the year 2016-17.

In this regard, price fixation committee meeting was held on 23-09-2016 for negotiations between KPTCL and MEI to fix the rates of 11KV Switchgears

EE (IT)	✓
EE (MIS)	
DCA (IT)	
SEE (IT&MIS)	

22/09/16  
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to be procured from M/s MEI Ltd., Bengaluru during the period 01-04-2016 to 31-03-2017 have been finalized.

In the negotiation meeting, it is agreed to accept the basic increase in price at 4.5% for all items for fixing the rates of April 2016 for 11KV switchgears & its allied products and Retrofitting of Breakers and for including the prices of additional items/features in the total unit prices of panels and decided to continue the existing practice of extending the price variation clause. April-2016 rates is to be considered as base rates for updating the rates as per IEEMA Indices/Circulars.

**Hence this order:**

**ORDER No : KPTCL / B25 / CEE(T&P) / SEE(T&P)/  
EE(P) / AEEP-2/16-17,Bengaluru**

**19 OCT 2016**

**Dated:19.10.2016.**

Approval is hereby accorded to place orders on M/s MEI Ltd., Bengaluru as per the negotiation held with M/s MEI Ltd., Bengaluru for supply of 11KV Switchgears for replacement and augmentation works and all other works of substations, including substations under Deposit Contribution Works/Self execution works at the following negotiated Ex-works price and in accordance with terms and conditions detailed below:

Sl No	Particulars	Unit Ex-works price as negotiated with M/s MEI Ltd., Bengaluru (Taxes & F&I extra) in Rs.
1	11KV PCVCB, 350MVA, 20KA, 1250A incomer 800A feeder	
a.	Incomer Panel	431093.71
b.	Feeder Panel	344249.57
c.	Feeder Panel for capacitor bank	407336.19
	Combination:	
d.	1I/c + 4F + 1AP	1862704.09
e.	1I/c + 5F + 1AP	2204289.65
f.	2I/c + 8F + 1AP	3717416.16

2	11KV MCVCB, 350MVA, 20KA, 1250A incomer 800A feeder	
a.	Incomer Panel	542981.91
b.	Feeder Panel	481781.8
c.	Bus Coupler	455503.77
d.	Feeder Panel for capacitor bank	540917.2
3	11KV MCVCB, 500MVA, 25KA, 1600A incomer 1250A feeder	
a.	Incomer Panel	553637.93
b.	Feeder Panel	489773.8
c.	Bus Coupler	470155.80
d.	Feeder Panel for capacitor bank	549344.43
4	11KV MCVCB, 500MVA, 31.5KA, 2000A incomer 1600A feeder	
a.	Incomer Panel	726678.04
b.	Feeder Panel	606995.86
c.	Bus Coupler	642996.63
d.	Feeder Panel for capacitor bank	668774.65
5	Annunciator Panel for the following combinations (Both for MCVCB & PCVCB)	
a.	1I/c + 4F	77982.69
b.	1I/c + 5F	100263.44
c.	2I/c + 8F	140647.33
d.	1I/c + 4F + 1CB	91908.16
e.	1I/c + 5F + 1CB	114188.93

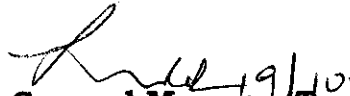
f.	$2I/c + 8F + 2CB$	168498.29
g.	$2I/c + 8F + 1BC$	153180.26
h.	$2I/c + 10F + 1BC$	168498.29
i.	$2I/c + 12F + 1BC$	183816.32
j.	$2I/c + 14F + 1BC$	199134.34
k.	$2I/c + 16F + 1BC$	228377.84
l.	$1I/c + 6F + 1CB$	123384.93
m.	$1I/c + 7F + 1CB$	132580.93
n.	$2I/c + 7F + 1BC + 1CB$	162376.26
o.	$2I/c + 9F + 1BC + 1CB$	177694.29
p.	$2I/c + 13F + 1BC + 1CB$	208330.34
q.	Annunciator Panel for Single Feeder	29077.79
r.	Annunciator Panel for Two Feeders	39847.34
s.	Annunciator Panel for Three Feeders	50616.89
t.	Annunciator Panel for Four Feeders	61386.44
u.	Annunciator Panel for one Capacitor Bank panel	39847.34
v.	Annunciator Panel for two Capacitor Bank panel	61386.44
w.	Annunciator Panel for three Capacitor Bank panel	77982.69
6	Adapter Panel for MCVCB	
a.	Adapter Panel (1250A)	99900.16
b.	Adapter Panel (2000A)	113220.19
c.	Adapter Panel (3000A), 31.5kA	117360.19

Rate contract for Retrofitting of Breakers

Sl No	Particulars	Rate (Ex-works) in Rs.	Labour Charges in Rs.
1.	Retrofitting of MCVCB-Horizontal Draw out 20KA/25kA	178300.39	6792.50
2.	Retrofitting of MCVCB-Horizontal Draw out 31.5KA	199696.43	6792.50
3.	Retrofitting of PCVCB any make (Incomer) Including Flexible connections and terminal connector	183251.19	9405.00
4.	Retrofitting of PCVCB any make (Feeder) Including Flexible connections and terminal connector	179518.76	9405.00

- 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 shall be adopted.
- 2) The validity of the rate shall be for one year from 01-04-2016 to 31-03-2017.
- 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 of Transmission Zones are delegated with powers to place orders for switchgears and retrofitting of breakers as per Rate contract duly observing KPTCL norms.
- 13) M/s. MEI shall obtain approval to GTPs and Drawings from the respective CEEs of Transmission Zones.
- 14) Any clarification required regarding the procurement of 11KV switchgear & retrofitting issues may be obtained from CEE(T&P) ,KPTCL, Kaveribhavan, Bangalore.

  
**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 (El), (IT&MIS), KPTCL, Kaveri Bhavan, Bengaluru - with a request to upload this order on the website of KPTCL.
2. PS to Managing Director/Director(Transmission)/Director(Finance)/ Director(A&HR)/Director & Company Secretary, KPTCL, Kaveri Bhavan, Bengaluru-09.
3. Codification Cell, KPTCL, Kaveri Bhavan, Bengaluru-09.
4. M/s MEI Limited, Bengaluru.