

# KARNATAKA POWER TRANSMISSION CORPORATION LTD.



- Sub:** Procurement of 11KV Switchgears from M/s MEI Ltd, Bengaluru.
- Ref:**
1. KPTCL order No. KPTCL/B25/ 17517/ 10-11 dt: 07-06-2012.
  2. KPTCL order No. KPTCL/B25/17517/10-11 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. KPTCL order No. KPTCL/B25/CEE (T&P)/SEE(T&P)/EE(P)/AEEP-2/16- 17/20 Dtd:19.10.2016.
  9. Corrigendum No. KPTCL/B25/CEE/T&P/SEE/EE(P)/AEEP-2/16-17 Dtd:05.01.2017.
  10. Government Notification No: FD 430 Exp-12/17 dated 09- 05-2017 Finance Department, GOK, Bengaluru.
  11. Proceedings of the price fixation committee meeting held on 16-06-2017.
  12. Note no: CEE(T&P) /SEE(T&P) /EE(P) /AEEP-2/16-17, Dtd:23.06.2017 approved by Managing Director.

## Preamble:

The Finance Department of Government of Karnataka in their notification No. FD 430 Exp-12/17 dated 09-05-2017 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 2017-18 and 2018-19.

In this regard, price fixation committee meeting chaired by Managing director, KPTCL was held on 16-06-2017 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 2017-18 and 2018-19 .

In the negotiation meeting, it was agreed to fix the rates for the month of April 2017 by considering +7.32% IEEMA price variation to the rates of previous KPTCL order No: KPTCL /B25/CEE(T&P) /SEE(T&P) /EE(P) /AEEP-2/16-17, Bengaluru dated 19-10-2016 and the revised rates are valid from 01-04-2017 to 31-03-2019 and decided to continue the existing practice of extending the price variation clause. It was also agreed to adopt the same terms and conditions of previous KPTCL order dated 19-10-2016 and corrigendum dated: 05.01.2017.

CEE(T&P)  
21/7/17

AEE-4  
Ab/22/7/2017

Further, it was agreed in the negotiation meeting that there will not be any price increase for retrofitting of Breakers.

Hence this order:

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

**Dated: 20 JUL 2017**

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 at price fixation committee meeting held on 16-06-2017 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. The negotiated Ex-works price are as detailed below.

| SI No.   | Nomenclature  | Unit Ex-works price as per price fixation committee meeting in Rs. |
|----------|---|--|
| 1        | 2   | 3  |
| <b>1</b> | <b>11KV PCVCB, 350MVA, 20KA, 1250A incomer 800A feeder</b>  |  |
| a.       | Incomer Panel   | 462649.77  |
| b.       | Feeder Panel  | 369448.64  |
| c.       | Feeder Panel for capacitor bank                             | 437153.20  |
|          | <b>Combination:</b>   |  |
| d.       | 1I/c + 4F + 1AP   | 1999054.03   |
| e.       | 1I/c + 5F + 1AP   | 2365643.65   |
| f.       | 2I/c + 8F + 1AP   | 3989531.02   |
| <b>2</b> | <b>11KV MCVCB, 350MVA, 20KA, 1250A incomer 800A feeder</b>  |  |
| a.       | Incomer Panel   | 582728.19  |
| b.       | Feeder Panel  | 517048.23  |
| c.       | Bus Coupler   | 488846.65  |
| d.       | Feeder Panel for capacitor bank                             | 580512.34  |
| <b>3</b> | <b>11KV MCVCB, 500MVA, 25KA, 1600A incomer 1250A feeder</b> |  |
| a.       | Incomer Panel   | 594164.23  |
| b.       | Feeder Panel  | 525625.24  |
| c.       | Bus Coupler   | 504571.20  |
| d.       | Feeder Panel for capacitor bank                             | 589556.44  |


| Sl No. | Nomenclature   | Unit Ex-works price as per price fixation committee meeting in Rs. |
|--------|--|--|
| 4      | <b>11KV MCVCB, 500MVA, 31.5KA, 2000A incomer 1600A feeder</b>                        |  |
| a.     | Incomer Panel  | 779870.87  |
| b.     | Feeder Panel   | 651427.96  |
| c.     | Bus Coupler  | 690063.98  |
| d.     | Feeder Panel for capacitor bank  | 717728.95  |
| 5      | <b>Annunciator Panel for the following combinations (Both for MCVCB &amp; PCVCB)</b> |  |
| a.     | 1I/c + 4F  | 83691.02   |
| b.     | 1I/c + 5F  | 107602.72  |
| c.     | 2I/c + 8F  | 150942.71  |
| d.     | 1I/c + 4F + 1CB  | 98635.84   |
| e.     | 1I/c + 5F + 1CB  | 122547.56  |
| f.     | 2I/c + 8F + 2CB  | 180832.36  |
| g.     | 2I/c + 8F + 1BC  | 164393.06  |
| h.     | 2I/c + 10F + 1BC   | 180832.36  |
| i.     | 2I/c + 12F + 1BC   | 197271.67  |
| j.     | 2I/c + 14F + 1BC   | 213710.97  |
| k.     | 2I/c + 16F + 1BC   | 245095.10  |
| l.     | 1I/c + 6F + 1CB  | 132416.71  |
| m.     | 1I/c + 7F + 1CB  | 142285.85  |
| n.     | 2I/c + 7F + 1BC+1CB  | 174262.20  |
| o.     | 2I/c + 9F + 1BC +1CB   | 190701.51  |
| p.     | 2I/c + 13F + 1BC +1CB  | 223580.12  |
| q.     | Annunciator Panel for Single Feeder  | 31206.28   |
| r.     | Annunciator Panel for Two Feeders  | 42764.17   |
| s.     | Annunciator Panel for Three Feeders  | 54322.05   |
| t.     | Annunciator Panel for Four Feeders   | 65879.93   |
| u.     | Annunciator Panel for one Capacitor Bank panel                                       | 42764.17   |
| v.     | Annunciator Panel for two Capacitor Bank panel                                       | 65879.93   |
| w.     | Annunciator Panel for three Capacitor Bank panel                                     | 83691.02   |

| Sl No.   | Nomenclature                   | Unit Ex-works price as per price fixation committee meeting in Rs. |
|----------|--------------------------------|--|
| <b>6</b> | <b>Adapter Panel for MCVCB</b> |  |
| a.       | Adapter Panel (1250A)          | 107212.85  |
| b.       | Adapter Panel (2000A)          | 121507.91  |
| c.       | Adapter Panel (3000A), 31.5kA  | 125950.96  |

| <b>7 Rate contract for Retrofitting of Breakers.</b> |  |  |   |
|--|--|--|---|
| Sl. No.  | Particulars  | Rates (Ex-works) for FY 2017-18 & FY 2018-19 (Taxes & F&I extra) | Labour Charges for FY 2017-18 & FY 2018 -19 |
| 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 two years from 01-04-2017 to 31-03-2019.
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 OR 24 months from the date of supply of the 11KV Switchgears whichever is earlier 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 duly observing KPTCL norms and as per the rate contract entered into between CEE(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. Any clarification required regarding the procurement of 11KV Switchgear & retrofitting issues may be obtained from CEE (T&P), KPTCL, Kaveri Bhavan, Bengaluru.

  
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. PS to Managing Director/Director(Transmission)/Director(Finance)/  
Director(A&HR)/Director & Company Secretary, KPTCL, Kaveri Bhavan, Bengaluru  
with a request to place it before MD/D(T)/D(F)/D(A&HR) /Director & CS.
3. AO, Codification Cell, KPTCL, Kaveri Bhavan, Bengaluru-09.