MINUTES OF MEETING

OF THE

MUMBAI DISTRIBUTION NETWORK ASSESSMENT COMMITTEE (M-DNAC)

Date :- 04 October, 2024 at 14.30 Hrs.

Venue :- Through Video Conferencing.

Present :- Dr. Prafulla Varhade, Chairman (Commission's Officer)
Shri. Dineshchandra Saboo, Member (External)
Shri. Dilip Dumbre, Member (Ombudsman's Officer)
Shri. Rakesh Guhagarkar, Member (Commission's Officer) (On leave)

Licensee's representatives:

Shri. Vivek Mishra — AEML-D
Shri. Shishir Mahulkar — AEML-D

Shri Vikas Koul — TPC-D
Shri Harsh Chougule — TPC-D
Smt. Hawwa Inamdar — TPC-D

Discussions held:-

1. AEML-D had received the power supply application from M/s Britacel Silicones Limited, Andheri (E). Accordingly, AEML-D assessed its own network position and communicated to TPC-D on 13 September 2024 along with information to the M-DNAC that it will require Consumer Substation (CSS) to supply the power and hence the proposal comes under level (3) of the Scenario 53 (d).
2. Subsequently, TPC-D analyzed its network and assessed that it will also require CSS and thus communicated its confirmation on 26 September 2024 (to both AEML-D and the M-DNAC) about the proposal that it is under level (3) of the Scenario 53 (d).
3. It is observed that, the assessed Maximum Demand (MD) by TPC is same as that of AEML-D's MD considering norms of MSEDCL as the common norms. Accordingly, AEML-D and TPC-D submitted their cost proposals in sealed envelopes on 01 October 2024 and 02 October 2024 respectively.
4. Thereafter, M-DNAC held its meeting through Video Conferencing on 04 October 2024 wherein the sealed envelopes submitted by AEML-D and TPC-D (both virtually present) were opened in the presence of the Licensees. The representatives of the Licensees briefly elaborated their respective cost estimations and responded to queries raised by the Committee during the meeting.

5. Observations of the Committee on the Licensees' cost estimations:-

A. **AEML-D's proposal dated 30 September 2024**:

The summary of item-wise details and cost submitted by AEML-D is as follows:

Sr. No.	Item	Unit	Quantity	Cost (Rs. Lacs)
1	11 kV, 3c/400 sq. mm. XLPE Cable including joints and termination	Meters	50 (2 runs of 25 Meters)	1.86
	Labour Services for 11 kV Mains work			0.62
2	11/0.4 kV 1000 kVA Dry Type DT and material	Nos.	1	46.82
	Labour Services for DT work			2.32
3	Re-instatement (RI) charges#	Meters	20 Meters	15.07
4	Contingency Charges @ 7% (excluding RI charges)			
	For Cable Part			0.17
	For DT Part			3.44
	Total			**70.30**

 # - Distance for each cable on public road is only 20 meters, remaining 5 meters is inside the plot.

B. **TPC-D's proposal dated 30 September 2024**:

Item-wise details and cost submitted by TPC-D are as follows:

Sr. No.	Item	Unit	Quantity	Cost (Rs. Lacs)
1	11 kV, 3c/300 sq. mm. XLPE Cable including joints and termination	Meters	25 (2 runs of 12.5 Meters)	1.38
	Labour Services for 11 kV Mains work			0.39
2	11/0.4 kV 990 kVA Dry Type DT and material	Nos.	1	55.78
	Labour Services for DT work			0.65
3	18% GST on Total Services cost			0.19
4	Re-instatement (RI) charges#	Meters	5 Meters	3.87
5	Contingency Charges @ 7% (including RI charges)			4.09
	For Cable Part			
	For DT Part			
	Total			**66.34**

 # - Distance for each cable on public road is only 5 meters, remaining 7.5 meters is inside the plot.

6. After going through both the cost proposals, it is seen that the cost submitted by TPC-D is less than the cost submitted by AEML-D. Further, it is observed that HT mains in case of TPC is about 12.5 meters away from the proposed site of the consumer as compared to 25 meters for AEML, thus cable length required is less in case of TPC.

Further, TPC has assessed less RI charges of Rs 3.87 lakh (5 meters) as compared to Rs 15.07 lakh (20 meters) for AEML. AEML-D accepted that it will have to pay higher RI charges due to its present network from consumer premise.

7. Further, M-DNAC observed that TPC-D proposed Distribution T/F (DT) of 990 kVA capacity with 300 sqmm cable whereas AEML-D proposed DT of 1000 kV capacity with 400 sqmm cable. M-DNAC observed that proposed both kinds of parameters are technically capable of catering the calculated maximum demand of the consumer satisfactorily.

8. In view of the above, the M-DNAC has decided to allow TPC-D to release power supply connection to "M/s Britacel Silicones Limited, Andheri (E), Mumbai." The total cost submitted by TPC-D of Rs. 66.34 Lacs shall be the ceiling cost (with no further incremental cost) for ARR of AEML-D as mentioned in Case No. 182 of 2014.

Sd/-	Sd/-	Sd/-
Shri. Dilip Dumbre, Member (Ombudsman's Officer)	Shri. Dineshchandra Saboo, Member (External)	Dr. Prafulla Varhade, Chairman (Commission's Officer)