

## **MINUTES OF MEETING**

### **OF THE**

### **MUMBAI DISTRIBUTION NETWORK ASSESSMENT COMMITTEE (M-DNAC)**

Date :- 26 August, 2024 at 14.30 Hrs.

Venue :- Hybrid Mode - MERC (13<sup>th</sup> Floor – World Trade Centre) and through Video Conferencing.

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

Licensee's representatives:

Shri. Vivek Mishra — AEML-D  
Shri. Shishir Mahulkar — AEML-D  
Smt. Kajal Tetar — AEML-D

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

#### **Discussions held:-**

1. AEML-D had received the power supply application from M/s. Sheth Creators & Sun Vision Pvt. Ltd., Malad (W). Accordingly, AEML-D assessed its own network position and communicated to TPC-D on 01 August 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 21 August 2024 (to both AEML-D and the M-DNAC) about the proposal that it is under level (3) of the Scenario 53 (d).
3. Accordingly, AEML-D and TPC-D submitted their proposals in sealed envelopes on 23 August 2024.
4. Thereafter, M-DNAC held its meeting in hybrid mode on 26 August 2024 wherein the sealed envelopes submitted by AEML-D and TPC-D (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 23 August 2024:**

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

Sr. No.	Item	Unit	Quantity	Cost (Rs.)
1	11 kV, 3c/400 sq. mm. XLPE Cable including joints and termination	Meters	340 (2 runs of 170 Meters)	8,46,532
2	11/0.4 kV 1500 kVA Dry Type DT	Nos.	1	24,78,000
3	RMU	Nos.	1	7,11,273
4	Other material			7,87,070
5	Cost of services (labour, installation, testing, commissioning)	Nos.	1	
6	Re-instatement (RI) charges#	Meters	30 Meters	4,44,060
7	MCGM Access charges @ Rs. 100 / meter	Meters	30 meters	3,000
8	Contingency Charges @ 7% of project cost (excluding RI charges)			3,51,795
	<b>Total</b>			<b>58,24,497</b>

\* - Cost of civil works is not considered, as developer has already constructed the same, at its cost.

# - Distance for cable on public road is only 30 meters, remaining 310 meters is inside the plot.

**B. TPC-D's proposal dated 23 August 2024:**

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

Sr. No.	Item	Unit	Quantity	Cost (Rs.)
1	RMU 3WAY TWIN CBL WITH BKR O/G 24KV 630A	EA	1	1,74,00,000
2	TRF DIST W/OLTC, 22KV/433V, 1500KVA	EA	1	
3	FDR PLR 11/C, 2000A BKR, 6W, 630 A O/G FUSE	EA	1	
4	CBL 22KV AL 3C 240 SQMM XLPE*	M	500	
				<b>1,74,00,000</b>

\* - Including internal Route length.

6. It is seen that the cost submitted by AEML-D is substantial lesser than the cost submitted by TPC-D. Therefore, TPC-D was asked about the reasons for its higher cost. TPC-D explained that even though its Maximum Demand (MD) is same as that of AEML-D's MD considering norms of MSEDCL as the common norms, its HT mains is about 200 meters from the proposed site for which it requires to pay substantial RI charges to MCGM.

7. Further, M-DNAC observed that TPC-D, being its HT network on 22 kV level in this area, requires all equipment including Distribution T/F on 22 kV level which eventually increases overall cost.
8. M-DNAC also observed that TPC-D has not submitted its item-wise cost breakup such as cost of different equipments, installation, testing, commissioning costs, RI charges, other costs, and only submitted the overall cost. Though for comparison purpose, overall cost is necessary, however, the correctness/reasonableness of the overall cost can be confirmed only when the item-wise cost breakup is submitted. Accordingly, for the time being the M-DNAC has considered the cost estimate as submitted by TPC-D. However, in future, TPC-D shall submit the detailed estimate along with item-wise cost breakup.
9. In view of the above, the M-DNAC has decided to allow AEML-D to release power supply connection to “M/s. Sheth Creators & Sun Vision Pvt. Ltd., Malad (W), Mumbai.” The total cost submitted by AEML-D of Rs. 58,24,497 shall be the ceiling cost (with no further incremental cost) for ARR of AEML-D as mentioned in Case No. 182 of 2014.

Sd/-  
Shri. Rakesh Guhagarkar,  
Member (Commission's Officer)

Sd/-  
Shri. Dilip Dumbre,  
Member (Ombudsman's Officer)

Sd/-  
Shri. Dineshchandra Saboo,  
Member (External)

Sd/-  
Dr. Prafulla Varhade,  
Chairman (Commission's Officer)