



PUNE MAHANAGAR PARIVAHAN MAHAMANDAL LTD.

(PMPML, Swargate, Pune, Maharashtra)

15.11.2019

150 ELECTRIC BUSES

PRESENTED BY:

**Mr. Ajay Charthankar,
Joint Managing Director,
PMPML**



Mobility and Transport

Today's Status



INCREASING AIR POLLUTION



INCREASING OIL IMPORT



ROAD CONGESTION



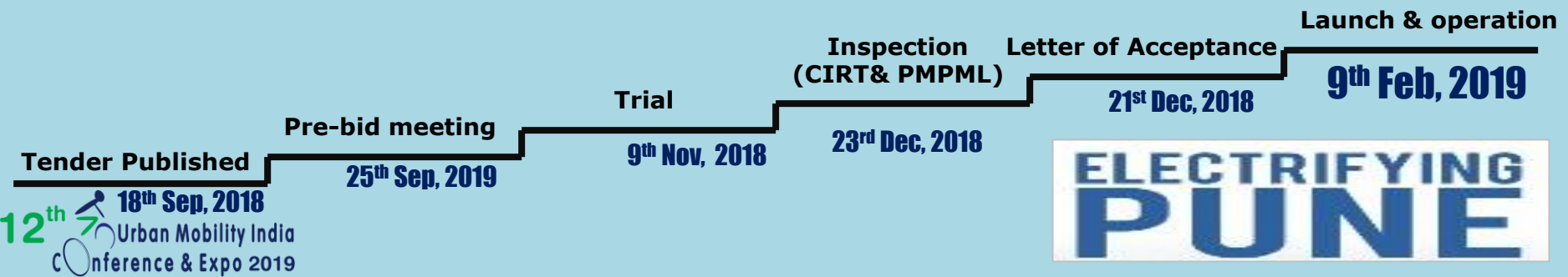
GOVT. REGULATION

2030

MINIMIZE POLLUTION

IDEA

**PUNE : 150 Electric Bus order (108 deployed)
25 Midi-9 Mtr. & 125 BRT-12 Mtr.**



Mobility and Transport

12th Urban Mobility India
Conference & Expo 2019



Inaugurated by CM of Maharashtra



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12th Urban Mobility India
Conference & Expo 2019

**Midi
Bus
9 M**



**MH.12.QW
7136**



**Standard
12 M
BRT Bus**

Mobility and Transport

12th Urban Mobility India Conference & Expo 2019

MH.12.QW
7136



Bhekrai Nagar bus depot is India's first e-depot

■ SUSHANT RANJAN
@SusRanjan

PUNE: Pune has become the first city in the country to have an exclusive bus depot for electric buses, paving the way for the city to become a frontrunner in electric mobility.



The Pune Mahanagar Parivahan Mahamandal Limited (PMPML) has converted Bhekrai Nagar depot into an e-depot where only electric buses will be parked. All CNG and diesel buses have been removed from the depot and only e-buses



are being given space there Thursday onwards. There are 78 e-buses at the depot.

Soon, Nigdi bus depot will be converted into an e-bus depot.

The PMPML has more than 100 e-buses in its fleet.

IN A NUTSHELL

- At present there are over 100 e-buses in the PMPML fleet
- 25 new e-buses were added in February. Out of these 15 were sent to Bhekrai Nagar depot and 10 to Nigdi depot.
- PMPML is set to add 125 more e-buses in the fleet soon.
- 75 will be added to Bhekrai Nagar depot and 50 in Nigdi depot.

"The PMPML has installed charging points only at these two depots. Three days ago Bhekrai Nagar depot had diesel, CNG and e-buses. Now, it has only e-buses," said a senior officer of PMPML.

"Out of the 150 e-buses, PMPML had added 25 in February this year of which 15 were sent to Bhekrai Nagar depot and 10 to Nigdi. The transport body is going to add 125 e-buses which will be 12 metres long. Out of this 75 buses will be added in Bhekrai Nagar and 50 at Nigdi. After that 90 and 60 e-buses will be added to both depots," said a senior PMPML officer.

At present, there are 78 buses at Bhekrai Nagar depot and 28 at Nigdi. The department is also planning to add 500 e-buses over the next few years. A few months ago the Central government decided to grant 150 e-buses to Pune. Due to this reason, the PMPML has decided to convert both depots to e-depots.

e-BUS INFORMATION

9 Meter & 12 Meter

Total number of E-buses	25 nos. (GCC Model for 10+2 Years)	125 nos. (GCC Model for 10+2 Years)
Model	9 Mtr.-Midi, AC, 31+1 Seater e-Bus with Monocoque chassis	12 Mtr.-BRT, AC, 32+1 Seater e-Bus with Monocoque chassis
Door Location	2 nos. of right side doors One at middle & front service door	2 nos. of right side BRT doors at middle, 2 service doors on Left side (At front & rear).
Per bus Subsidy	Rs. 50 Lakhs	Rs. 50 Lakhs
Service Provider	M/s. Olectra Greentech Ltd., Hydrabad.	M/s. Olectra Greentech Ltd., Hydrabad.

Per km fuel cost (Approx.)

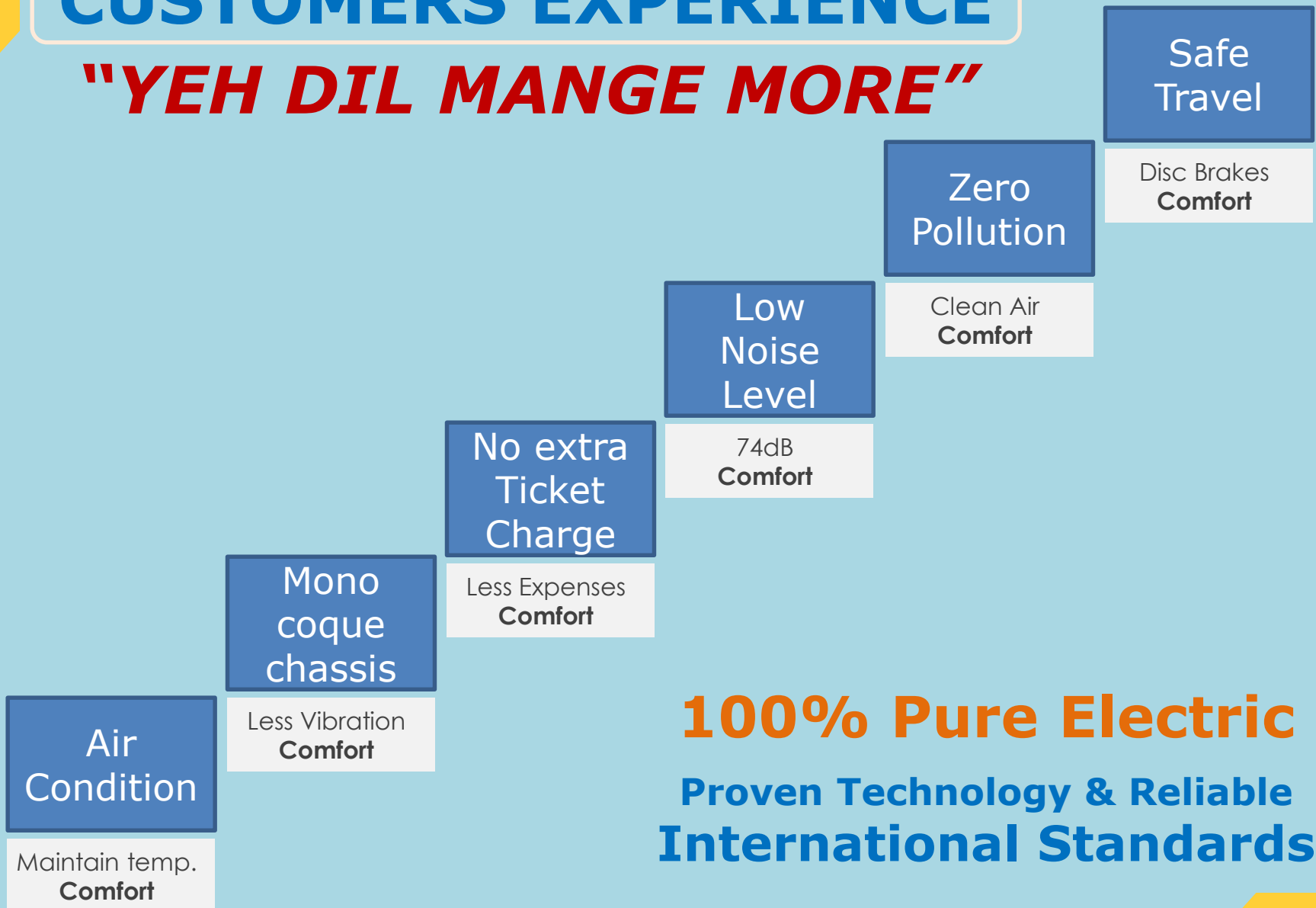
For E-bus = Rs.5.63/-, For Diesel = Rs.20/-, For CNG = Rs.18/-

e-BUS ADDITIONAL INFORMATION

- Auto Transmission.
- Mobile charging port.
- ITMS System & Panic button.
- Power steering.
- Zero air pollution & less noise.
- CCTV camera
- Total 225 kms per day / bus operation.
- Provision for opportunity charging for 30 mins. in between two shifts.
- Charging infrastructure, Depot construction , Maintenance, driver employee etc. will be done by service provider.
- 2 Depots (Land provided by PMPML
- Input power supply of 22 KW by PMPML

CUSTOMERS EXPERIENCE

"YEH DIL MANGE MORE"



100% Pure Electric
Proven Technology & Reliable
International Standards

CITIZEN EXPERIENCE

"YEHI HAI RIGHT CHOICE"

**Inter
national
Standard**

**Better
Customer
Experience**

**No.1
In India**

**Highest no. of
e-Buses**

**Reduced
Co2**

**Save Nature
Compare to
Diesel Buses**

**14.39 L
FUEL
AVOIDED**

**Save
Nature**

**43.19
LACS
Kms Run**

**Unmatched
Performance
From Feb. 19 to
10th Nov. 19**

100% Pure Electric

**Proven Technology & Reliable
International Standards**

DEPARTMENT EXPERIENCE

"SUPER HIT "

**No.1
MAHA
STATE**

Electric Bus
**Performance &
Reliability**

**Excellent
Brand
Image**

Electric Bus
**Performance &
Reliability**

**More
income**

Increase Traffic
**Excellent
Economy**

**No
maint.
burden**

GCC Model
Comfort

**No fuel
Burden**

GCC Model
Comfort

**No Driver
burden**

GCC Model
Comfort

EPK – Rs. 50.00

CPK – Rs.74.30

CPK Diesel – 90/-

100% Pure Electric

**Proven Technology & Reliable
International Standards**



**The Journey continues ...
for 500 more...**