



BENGALURU METROPOLITAN TRANSPORT CORPORATION
CENTRAL OFFICES # BANGALORE-27
Mechanical (Production) Dept

Phone: 080-22537519

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No: BMTC/CO/CME (P)/ 748 /2018-19

Date: 07 .03.2019

Expression of Interest

Sub: Expression of Interest (EoI) for supply of 1500 Electric Buses and Charging Stations .

Bangalore Metropolitan Transport Corporation is state owned urban transport undertaking providing urban transport in and around Bangalore city. At present Bangalore Metropolitan Transport Corporation is operating 6529 buses from its 45 depots with 03 major bus stations and 10 TTMC's and is the biggest urban transportation undertaking in the country. BMTC intends to invite Expression of Interest (EoI) from reputed /eligible companies / consortium for the supply of 1500 electric buses in a phased manner over a period of 5 years and installation of charging infrastructure required for 1500 electric buses for eventual transition to e-mobility in BMTC.

Interested bidders may submit their EoI, **in a sealed cover with due acknowledgement** containing the following information with supporting documents:

Part-A – Supply of Electric Buses

- i) The company/member of consortium should be registered with the concerned authority of the respective country.
- ii) Minimum Annual Turnover of Rs.50 Cr in any one of the preceding three years from manufacturing of EV buses.
- iii) The company/ member of consortium shall be an
 - a) OEM with an experience of having manufactured 50 electric buses for any one of preceding 3 years.

OR

- b) OES who have supplied minimum 30% of the similar type of proposed quantity in any one of the last 3 years and which must be in satisfactory operation for at least one year on the date of announcement of EOI.

- iv) The company/ consortium member should have obtained necessary certification for homologation of at least one Electric-Bus variants of 9m or above (designed, engineered, manufactured/ integrated by prospective collaborator) from the approving authority (ies) such as Automotive Research Association of India (ARAI) or International Centre for Automotive Technology (ICAT) or approving authority (ies) in country where buses have been supplied and are in operation. (Certificates to be enclosed).
- v) The company/lead consortium member should have managed AMC contract for electric buses with minimum fleet size of 40 buses in any one location or 20 buses at 2 locations for at least one year in preceding 3 years.

Further, the firms will be called upon for demonstration on the following parameters of electric bus operation.

- 1) Bus specifications
- 2) Battery type/performance/specifications
- 3) Battery cycles guaranteed

No. of cycles	No. of years	Range on full recharge

- 4) Average pay load (carrying weight) on full recharge for that range
- 5) Warranty + AMC (Period in years)
- 6) Technology transfer and hand holding
- 7) Type of charging infrastructure to be provided/managed
- 8) Previous experience in supply/operation/AMC/charging infrastructure
- 9) Expectations from BMTC

The prospective companies / consortium may prepare 30 mins Power Point Presentation (PPT) on the above aspects and other relevant information, they deem fit to present before the committee constituted for this purpose. The date of such presentation will be informed separately.

Part-B – Installation of Charging Stations for operation of EV buses

- i) The company/member of consortium should be registered with the concerned authority of the respective country.
- ii) Minimum Annual Turnover of Rs.35 Cr in any one of the preceding three years from manufacture/installation of charging stations for EV Buses.
- iii) The company/member of consortium shall be

- a) OEM with an experience of having manufacturing/installation of 50 charging stations for any one of preceding 3 years.

OR

- b) OES who have supplied minimum 30% of the similar type of proposed quantity in any one of the last 3 years and which must be in satisfactory working for at least one year on the date of announcement of EOI.
- iv) The company/ consortium member should have obtained necessary certification for charging infrastructure from the approving authority (ies) such as Automotive Research Association of India (ARAI) or International Centre for Automotive Technology (ICAT) or approving authority (ies) in country. (Certificates to be enclosed).
- v) The company/ consortium member should have experience of setting up of charging infrastructure for 50 charging stations each with minimum 50 KW capacity.
- vi) The company/ consortium member should have managed AMC contract for 25 charging stations at least one year in preceding 3 years.

Further, the firms will be called upon for demonstration on the following parameters of charging stations.

- 1) Type of charging infrastructure to be provided/managed
- 2) Specifications of Charging stations
- 3) Warranty + AMC (Period in years)
- 4) Technology transfer and hand holding
- 5) Previous experience in supply/AMC/charging infrastructure

The prospective companies / consortium may prepare 30 mins Power Point Presentation (PPT) on the above aspects and other relevant information, they deem fit to present before the committee constituted for this purpose. The date of such presentation will be informed separately.

Prospective companies/consortium may express their EOI either for both or (A) or (B) separately.

The BMTC reserves the right to reject any or all EOIs without giving any reasons whatsoever.

The eligible firms will be shortlisted based on the above criteria. Selection for presentation for EoI process shall in no way be construed as qualification for future bids to be floated by BMTC for procurement and maintenance of EV buses and charging stations.

The EoI Proposal is to be submitted latest by **15th April 2019, before 15.00 Hrs** at the following address.

Postal Address : Chief Mechanical Engineer (Prdn),
BMTC, Central Offices, Bangalore-27
Fax No.: 080-22537493,
Phone No: 080-22537519,
Email address: cme@mybmtc.com
Website: www.mybmtc.com

-Sd/-
Chief Mechanical Engineer (Production)