

EXPRESSION OF INTEREST

INVITING

PROPOSALS FOR AVAILING INCENTIVES UNDER FAME INDIA SCHEME

OF GOVERNMENT OF INDIA

FROM

STATE GOVERNMENT DEPARTMENTS/UNDERTAKINGS/MUNICIPAL

CORPORATIONS FOR MILLION PLUS CITIES

DEPARTMENT OF HEAVY INDUSTRY
MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES
GOVERNMENT OF INDIA
UDYOG BHAWAN
NEW DELHI

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INVITATION FOR EXPRESSION OF INTEREST

Department of Heavy Industry, Ministry of Heavy Industries & Public Enterprises invites Expression of Interest (Eoi) from State Government Departments/Undertakings, Municipal Corporations, Public authorities etc for innovative proposals for multi-modal public transport based on purely electric powertrain.

This Eoi document lays out the details of qualification, criteria, submission requirements, brief objective & scope of work, funding by GoI and evaluation criteria etc. are mentioned in this document.

The complete proposals alongwith relevant documents shall be submitted to the Under Secretary (AEI), D/o Heavy Industry at the following address by 30th November 2017:

The Under Secretary (AEI)
Department of Heavy Industry
Room No. 387, Udyog Bhawan, New Delhi – 110011
Tel. No. 011-23061340; (Mobile) 09953670503
Email: ak.gaur@nic.in

This Eoi is without prejudice to incentives available to xEVs under Demand Incentive Delivery Mechanism (DIDM) of FAME India Scheme.

BACKGROUND – FAME INDIA SCHEME

Government of India approved the National Mission on Electric Mobility in 2011 and subsequently National Mission on Electric Mobility Plan 2020 (NEMMP 2020) was unveiled in 2013. As a subsequent measure, the Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME) Scheme was launched on 1 April 2015.

Government aims to provide fiscal and monetary incentives through this scheme to kick start this nascent technology. Strong Hybrid, Plug-in Hybrid and Pure Electric technologies (collectively termed as xEV) are covered under this FAME India Scheme.

Under the scheme, market creation through demand incentives is aimed at incentivizing all vehicle segments i.e. 2-Wheelers, 3-Wheelers Auto, Passenger 4-Wheeler vehicles, Light Commercial vehicles and Buses. With the fillip given to electric mobility through the scheme in more than two years of its implementation, the GOI would like to lay greater emphasis on providing affordable and environmentally friendly public and private transportation / vehicular mobility for the masses. To this end, electric buses and three wheelers, including for last mile connectivity, have been added to the scope of the scheme through recent amendments. The demand incentive is available to buyers (end users / consumers) in the form of an upfront reduced price to enable wider adoption. Vehicle segment wise break up of amount of demand incentive available to xEVs under the scheme is detailed at ANNEXURE – 13 of the FAME India Scheme as per gazette notification S.O. 830 (E) dated 13th March 2015 and as amended from time to time [which is available at Department of Heavy Industry's website : www.dhi.nic.in]

OBJECTIVE

To encourage comprehensive air quality solution of cities and to promote multi-modal public transportation system through shared electric mobility in the cities having population above 1 million (as per 2011 census) and Special Category States by way of extending demand incentives in combination of electric buses, electric 4-wheeler passenger cars & electric 3-wheelers for a minimum of five Cities and for providing requisite charging infrastructure for such eVehicles.

The present EoI is a Pilot Project under FAME India Scheme specifically designed to give a push to multi-modal public transport. Therefore, it offers enhanced incentives i.e. above the demand incentives notified under the FAME Scheme in respect of electric buses.

APPLICABILITY/ELIGIBILITY

Taking into account the high level of environmental pollution and fossil fuel usage in road transport in high density urban cities, it is proposed to invite an Expression of Interest (EoI) from cities with 1 Million+ population (as per 2011 census).

2. State Government Departments / Undertakings, Municipal Corporations, Public authorities etc of million plus cities will coordinate with respective STUs / transport authorities and 4W/3W aggregators and will submit the consolidated proposal to Department of Heavy Industry.
3. Special Category States may also be considered for grant under this EoI through a separate window.

SELECTION PARAMETERS

- Population of City (Million Plus as per 2011 Census)
- Average PM 2.5 of the city as per 2016 data
- No. of vehicles registered in the city (for million plus cities)
- Ranking in Swachhata Abhiyan
- Smart Cities

[NOTE: Selection Committee shall decide the criteria for selection of the proposals using above said selection parameters.]

FUNDING BY GoI

Funding will be made as per following details:

(A) ELECTRIC BUSES		
Level 1 (Minimum 15% localisation is achieved)	Level 2 (Minimum 35% localisation is achieved)	
60% of purchase cost or Rs. 1 Crore (whichever is lower)	60% of purchase cost or Rs. 1.5 Crore (whichever is lower)	
(B) ELECTRIC 4-WHEELER PASSENGER CAR		
Segment	Level 1 (Range 70 km)	Level 2 (Range 105 km)
<u>Length not exceeding 4 Meters</u> BEV (Advance Battery)	Rs. 76000	Rs. 124000
<u>Length exceeding 4 Meters</u> BEV (Advance Battery)	Rs. 60000	Rs. 138000
(C) ELECTRIC 3-WHEELER (L5 Category)		
Segment	Level 1 (Range 50 km)	Level 2 (Range 80 km)
BEV (Advance Battery)	Rs. 51000	Rs. 61000
(D) ELECTRIC 3-WHEELER (Having max. speed less than 25 Km/Hrs)		
Segment	Level 1 (Range 50 km)	Level 2 (Range 80 km)
BEV (Advance Battery)	Rs. 37500	Rs. 45000

2. The total fund not more than Rs. 105 crore will be provided to each selected city in the current FY 2017-18 for a composite basket of electric buses (max. 100 per city), electric 4-wheeler passenger cars & electric 3-wheeler. While the subsidy for electric 4-W passenger cars and electric 3-W would be given at the time of placement of supply order, the subsidy for the buses would be given in proportion to payment released by the concerned authorities in the State against supply order under the project.

3. Charging Infrastructure: In addition to above ceiling of Rs. 105 crore per city, funding will also be provided for setting up of the charging infrastructure in the selected cities with a ceiling of Rs. 15 crore per city, as per details given below:-

(i) Electric Buses: 10% of total eligible demand incentive for purchase of fleet of EV buses as per contract agreement between purchaser and OEM / Manufacturer / Supplier to State Transport Undertakings / Municipal Corporations.

(i) Electric 4-Wheelers/Electric 3-Wheelers:

Type of Charger	Demand Incentive
AC Smart Charger with two-way communication for low Voltage Vehicles	75% of cost or Rs. 1.2 lakh per charger, whichever is lower
DC Fast Charger (less than 100 Volt) with standard specification	75% of cost or Rs. 7 lakh, whichever is lower, per charger (Cost of charger includes all cost including installation cost)

The remaining cost for setting up of charging station including its location and operation cost shall be borne by the concerned authority in the selected city in consultation with Power Discoms in conformity with Acts and Regulations in this regard. These charging stations shall not be limited to the vehicles sanctioned under the project but shall also be open to public at large.

4. The funding under this expression of interest is available to only those Electric buses / Electric 4-Wheelers passenger cars / Electric 3-Wheeler, which run on advance battery.

[NOTE: “Advance Battery” represents the new generation batteries without lead such as Lithium Polymer, Lithium Iron phosphate, Nickel Metal Hydride, Zinc Air, Sodium Air, Nickel Zinc, Lithium Air etc.]

RESPONSE DOCUMENT

- ❖ Covering letter
- ❖ General details about the City
- ❖ Detailed Project Report
- ❖ Funding Pattern
- ❖ Documents related to tie-up with STUs for buses
- ❖ Documents related to tie-up with 3W/4W aggregators
- ❖ Other papers / documents related to the Project (if any)

EVALUATION CRITERIA AND METHOD OF EVALUATION

- (i) Screening Committee shall be constituted in the Department to evaluate proposals received under this EoI.
- (ii) Screening of EoI shall be carried out as per eligibility conditions mentioned in this document and on verification of testimonials submitted alongwith EoI.
- (iii) Secretary (Heavy Industry) shall be the final authority to decide the proposals to be funded under this EoI, from the proposals so recommended after evaluation by the Screening Committee.
- (iv) There shall be fungibility in the total amount of funding as well as in total number of electric vehicles depending upon the proposal received in the Department and would remain at the sole discretion of the approving authority. However, the financial ceiling of Rs.105 crore shall not be breached.

SCHEDULE OF EoI

S.No.	Activity	Date
1	Last date for receipt of proposals	30 th November 2017
2	Completion of Evaluation of proposals	15 th December 2017
3	Conveying the decision of Approving Authority for the Commencement of Project / Proposal by the Proposer	31 st December 2017
4	Receipt of supply/purchase orders on firms from the Proposer, following due tendering process	15 th February 2018

Concluded.

(To be given in the letter head of the organization)

To

The Under Secretary (AEI)
Department of Heavy Industry,
Room No. 172-D, Udyog Bhawan
New Delhi – 110 011

Subject: Pilot Project proposal in response to EoI issued by Department of Heavy Industry.

Sir,

Reference Department of Heavy Industry's Expression of Interest issued on 31st October 2017 for inviting pilot project proposals from cities, having population of Million Plus, for extending grant in connection with procurement of shared electric mass transportation comprising of electric buses, electric 4-wheelers passenger cars & electric 3-wheelers, we are hereby submitting our Expression of Interest, in the prescribed format, for consideration of the Department of Heavy Industry. We agree to abide by the conditions set forth in the said EOI.

2. We undertake that the vehicles supported through this EoI shall not be entitled to claim demand incentives under Demand Incentive Delivery Mechanism under FAME India Scheme of the Department of Heavy Industry separately.

3. We hereby declare that our proposal submitted in response to this EOI is made in good faith and the information contained is true and correct to the best of our knowledge and belief. If any of the information provided here is found to be misleading, we are liable to be disqualified from the EOI selection process.

Sincerely,

Name :

Designation:

Signature :

AUTHORISED SIGNATORY'S SIGNATURE WITH SEAL

FORMAT FOR PROJECT PRPOSAL

(A) General Details about the City

1. Name of the City :-
2. Population of the City :-
(As per 2011 census)
3. Average PM 2.5 Level of the City :-
(As per 2016 data of CPCB)
4. No. of Vehicles Registered in City :-
(As per 2012 data of MoRTH)
5. Ranking in Swachhata Abhiyan :-
(As per Swachh Survekshan 2017 Report)
6. Covered in Smart City or not :-
7. Requirement of Charging Infrastructure :-
 - (i) AC Chargers –
 - (ii) DC Fast Charger-

(B) Description of Project Proposal

[In not more than 100 words. If necessary, detailed project proposal may be appended in a separate sheet/enclosure]

contd. /-

(C) Funding Pattern

1. Total Cost of Project :-
2. Contribution sought from DHI :-
3. Contribution from State Government Departments/ Undertakings, Municipal Corporations, Public Authorities :-

(D) Any other information in support of Project Proposal

(E) Details of ANNEXURES

Name :

Designation:

Signature :

AUTHORISED SIGNATORY'S SIGNATURE WITH SEAL