

EXPRESSION OF INTEREST



AICTSL»

Proposal for Availing Incentives Under Fame India Scheme
Phase II
for Deployment of Electric Vehicle charging infrastructure within
cities

Proposal for Availing Incentives Under Fame India Scheme Phase II for Deployment of Electric Vehicle charging infrastructure within cities



Table of Contents

Table of Contents	i
List of Tables.....	ii
City Level Information	1
A. General Details	1
B. Description of Project Proposal	1
C. Number of Buses for which funding is sought under the scheme	2
D. Funding Commitment.....	2
E. Details about depot available for parking of electric buses	5
F. Details about the arrangement of upstream electricity supply for charging of electric buses.....	5
Annexure 1	
Annexure 2	

Proposal for Availing Incentives Under Fame India Scheme Phase II for Deployment of Electric Vehicle charging infrastructure within cities



List of Tables

Table 1: General City Details.....	1
Table 2: Details of Bus Operating Kilometers	1
Table 3: Details of Available Bus Depots*.....	Error! Bookmark not defined.
Table 4: Buses for funding	2

City Level Information

A. General Details

Table 1: General City Details

S.no	Category	Response
1	Name of City	Indore
2	The population of the city	~3 Million
3	Vehicular density (Number of buses per 10,000 persons)	1.03
4	The average level of pollutant PM 2.5 of the city over 2018	38.22
5	No. of Vehicles Registered in City	23,95,020
6	Road density (Road length per 100 sq. km.)	~ 92 Kms
7	Do state have separate EV Policy	Yes(<i>Annexure 1</i>)
8	Category wise Registration charges of EVs	Two-Wheeler: 2% waiver Car: 2% waiver Shared Rickshaw: 4% waiver Auto Rickshaw: 4% waiver Buses: 4% waiver
9	Information about Parking Fee of EVs	Two-Wheeler: 25% waiver Car: 25% waiver Shared Rickshaw: 100% waiver Auto Rickshaw: 100% waiver
10	Information about Toll Tax applicable to EVs	50 % Toll Subsidy for EV buses.
11	The number of Diesel/CNG buses running on a wet lease model.	350 (Includes 40 EV buses)
12	The average cost of leasing of buses if taken on lease including fuel along with documentary proof	iBus (Gross Cost Model): Rs 66/ km City Bus (VGF model): Rs 10/ km Electric bus (VGF Model): Rs. 4.92/ km
13	Expected number of E3W and E4W to be registered in the city during 2019-20	1,000
14	Number of Electric Buses rolled out by the city from its resources	40 No. Of EV buses (60 % under FAME I & rest 40 % funding by city from its resources)
15	Number of charging stations installed in the city from its resources	15 (E-Car) + 18 (E-Bus chargers funded by DHI under FAME I)

B. Description of Project Proposal

A Detailed Project Report for the proposal has been attached with this document as Annexure 2.

C. Number of chargers for which funding is sought under the scheme

Table 2: Chargers for funding

S.no	Category of charging Stations	Type of EV Charger	Location	Number of EV chargers
	A B C			
1	A	Fast – (CCS + CHAdeMO + Type-2) – 24 Bharat Dc 001 (15 KW) – 21 No.s Bharat AC)) 001 11 No.	Multiple Locations	58
2	B	Fast – (CCS + CHAdeMO + Type-2) – 38 No. Bharat Dc 001 (15 KW) – 25 No.s Bharat AC 001 (10 KW) - 31 No.s	Multiple Locations	94
3	C	Fast – (CCS + CHAdeMO + Type-2) – 12 No. Bharat Dc 001 (15 KW) – 8 No.s Bharat AC 001 (10 KW) 10 No.s	Multiple Locations	30

Category A - Detailing

S.No.	Location	Fast Charger (CCS - Min 50 KW)	Fast Charger (CHAdeMO)- Min 50 KW)	Type -2 AC (Min 22 KW)	No. of charger Bharat DC 001	No. of charger Bharat AC 001	Total
1	TI Mall Parking	3	3	3	8	5	22
2	Mangal City Mall Parking						
3	Shekhar Central Indore						
4	Shopper Stop						
5	D -Mart						

6	Metro Whole Sale						
7	C21 Mall Parking						
8	Khajrana Mandir Parking	1	1	1	2	1	6
9	Ranjeet Hanuman Mandir Parking	1	1	1	2	1	6
10	One Center, 56 Dukaan	1	1	1	2	1	6
11	Indore Zoo	1	1	1	2	1	6
12	Railway Station Parking	1	1	1	2	1	6
13	Best Price (Wall Mart)	1	1	0	3	1	6
14	Super Corridor	1	1	1	2	0	5
15	ISBT	1	1	1	2	0	5
	Total	9	9	8	21	11	58

Category B - Detailing

S.No.	Location	Fast Charger (CCS - Min 50 KW)	Fast Charger (CHAdeMO)- Min 50 KW)	Type -2 AC (Min 22 KW)	No. of charger Bharat DC 001	No. of charger Bharat AC 001	Total
1	IMC office	1	1	1	2	3	8
2	IDA office	1	1	1	2	3	8
3	Smart City Office	1	1	1	2	2	7
4	RTO office	1	1	1	2	2	7

5	Collectorate office	1	1	1	2	2	7
6	MPEB Office	1	1	1	2	2	7
7	High Court	1	1	1	1	1	5
8	District Court	1	1	1	1	1	5
9	MGM Hospital	1	1	1	2	5	10
10	Choitram Hospital	1	1	1	2	5	10
11	Arbindo Hospital	1	1	1	2	5	10
12	Airport	1	1	1	3	0	6
13	DAVV Govt. College	0	1	1	2	0	4
Total		12	13	13	25	31	94

Category – C

S.NO	Location	Fast Charger (CCS - Min 50 KW)	Fast Charger (CHAdeMO)- Min 50 KW)	Type -2 AC (Min 22 KW)	No. of charger Bharat DC 001	No. of charger Bharat AC 001	Total
1	Specified Location	1	1	1	2	3	8
2	Specified Location	1	1	1	2	3	8
3	Specified Location	1	1	1	2	2	7
4	Specified Location	1	1	1	2	2	7
Total		4	4	4	8	10	30

D. Funding Commitment

After subsuming the DHI's Purchase Incentive under following categories the remaining funds shall be arranged either by State Govt. or by Indore Smart City Development Limited.

Also AICTSL go for the PPP model for the operations & maintenance of the Electric chargers in the identified locations.

S.no	Category of charging Stations	Type of EV Charger	DHI Funding in Percentage	Remaining by State Govt. in Percentage	Remaining by Local Govt./ Smart City/ PPP model
	A B C				
1	A	FAST/ Moderate	70 %		30 %
2	B	Fast Moderate	100 %		NIL
3	C	Fast / Moderate	50 %		50 %

Note :

- The required infrastructure for Category A & c shall be developed through the agency via PPP model.
- The subsidy shall be passed on to the agency & State Govt. along with the local Govt. shall assist the agency to operate the EV charging station. Even the agency may opt to operate with solar enabled charging station & also battery swapping.
- For category B Local Govt. shall install the charging stations via agency.
- The payment methodology shall be digital with the one nation one card concept.
- Advanced ITS shall be installed at the EV charging stations.

E. Details about place available for EV chargers.

The identified locations having the required space for the EV chargers & Indore Municipal Corporations shall provide the required space to the agency. For category A & Category C AICTSL shall opt for the PPP model to operate the charging stations.

In case of category B Indore Municipal Corporation shall provide the Back end infrastructure for the chargers.

F. Details about the arrangement of upstream electricity supply for charging of electric buses

Electricity supply shall be provided by MPEB & the connection shall be taken by the IMC or the agency appointed to install the chargers.

ANNEXURE 1



संचालनालय, नगरीय प्रशासन एवं विकास, म.प्र., भोपाल
Directorate, Urban Administration & Development, M.P., Bhopal

Palika Bhawan, Near 6 No. Bus Stop
Shivaji Nagar, Bhopal - 462016
Tel. & Fax : 0755-2558282
Email:- acvm@mpurban.gov.in
Website:- www.mpurban.gov.in

क्रमांक / 139 / शा.-11 / परिवहन / 2018 / 12311

भोपाल, दिनांक 12 / 07 / 2019

प्रति,

सचिव,
भारी उद्योग विभाग
भारत-सरकार
नई दिल्ली

विषय:- मध्यप्रदेश इलेक्ट्रिक व्हीकल पॉलिसी के संबंध में।

—000—

उपरोक्त विषयांतर्गत लेख है कि नगरीय विकास एवं आवास विभाग, मध्यप्रदेश शासन द्वारा प्रदेश में इलेक्ट्रिक वाहनों के सफल संचालन हेतु "मध्यप्रदेश इलेक्ट्रिक वाहन नीति" को तैयार कर माननीय मंत्री जी, नगरीय विकास एवं आवास विभाग द्वारा प्रशासनिक अनुमोदन प्राप्त किया जा चुका है।

(मनीष सिंह)
अपर आयुक्त

संचालनालय, नगरीय प्रशासन एवं विकास म.प्र.
भोपाल, दिनांक 12 / 07 / 2019

पृ. क्रमांक / 139 / शा.-11 / परिवहन / 12312
प्रतिलिपि:-

आयुक्त, नगर पालिक निगम, इन्दौर, भोपाल, जबलपुर, ग्वालियर, उज्जैन, सागर एवं सतना की ओर सूचनार्थ प्रेषित।

अपर आयुक्त

o/c संचालनालय, नगरीय प्रशासन एवं विकास म.प्र.

ANNEXURE 2