

TA-6910 IND: Supporting Institutional Knowledge Development and Capacity Building for Planning of Innovative and Sustainable Projects and Programs - NEBTAP Consultancy Services for National Electric Bus Technical Assistance Program (55311-001)

Date Published: 29-Nov-2022 Deadline of Submitting EOI: 13-Dec-2022 11:59 PM Manila local time

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Profile **Terms of Reference** **Cost Estimate**

Terms of Reference

Primary Expertise **Urban Transport, Electric Bus, State Transport, Intelligent Transport Systems,**

TOR Keywords **Information and Communication Technology, Urban Transport, Electric Bus, State Transport, Intelligent Transport Systems,**

Objective and Purpose of the Assignment

ADB is planning to support the MoRTH's efforts to procure a consultant firm for advisory services to support the State Transport Undertakings (STUs) in understanding the ecosystem of electric buses, building capacity to operate and manage the electric bus operations and augmenting the Information and Communication Technology (ICT) and Intelligent Transport Systems (ITS).

The main objectives of this assignment are:

- a) Knowledge support
 - i. Mapping of charging infrastructure with demand on Indian highways for both e-bus and e-4W.
 - ii. Study of e-bus solutions for inter-city movements, such as, the optimum range/routes and target cities.
 - iii. Development of financial viability framework for e-bus operations
- b) Capacity building of STUs (and state departments where STUs aren't present)
 - i. Review, assess and evaluate existing e-bus operations, support infrastructure, efforts by STUs
 - ii. Identify issues, challenges, and gaps in capacity of STUs for e-bus planning as passenger transport
 - iii. Develop training and capacity building modules e-bus planning and operations

The study will focus on understanding of the existing electric bus operations, electric bus planning, support infrastructure, management of various components, institutional structure, implementation models, penetration of technology in electric bus operations, and other services. The program will also help identify the issues, challenges, and gaps in the overall capacity of STUs to plan and manage electric bus operations. The program will include consultations with various stakeholders and partners such as MoRTH, ADB, STUs, Association of State Road Transport Undertakings (ASRTU), Subject Matter Experts (SMEs), and other relevant government agencies/departments. During the program, MoRTH will be acting as an anchoring agency among stakeholders.

Expertise or Positions Needed

International

<input type="checkbox"/> Team Leadership from International Experts			
	Expertise or Position	Minimum inputs in PM	Primary Place of Assignment
No results found.			

National

<input checked="" type="checkbox"/> Team Leadership from National Experts			
	Expertise or Position	Minimum inputs in PM	Primary Place of Assignment
1	Team Leader cum Transport Specialist	3	Delhi, India
2	Planning and Coordination Specialist	5.5	Delhi, India
3	E-mobility Market Specialist	3	Delhi, India
4	E-mobility Charging Infra/ Energy Specialist	2	Delhi, India
5	E-mobility Transport Specialist	3	Delhi, India
6	Institutional and Capacity Development Specialist	5.5	Delhi, India
7	Finance Specialist	2	Delhi, India
8	Global E-mobility and Transport Specialist	1.5	Delhi, India
9	GIS Specialist	3	Delhi, India

TOR Attachments

Title	Type	Description	Category	Last Updated By	Last Updated	Usage	Update	Delete
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