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GUWAHATI SMART CITY LTD.

(Formerly Guwahati Smart City Development Agency Ltd.)

(CIN U45309AS2016SGC017403)

04th Floor, Aditya Tower, Opp. Down Town Hospital, G.S. Road, Guwahati-781006

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Letter No.:- SPV/GSCL/DEV/Electric Bus/151/2020/669

Date:03/01/2022

ADDENDUM-1

Addendum to Technical Specs of Electric buses for Request for Proposal For Purchase of 75 Nos 9 meter AC Electric bus from Original Equipment Manufacturer/ Authorized Dealer by Guwahati Smart City Limited

S. No.	Technical Specification of the EV	Technical Specification of the EV desired by ASTC
1.	a. Battery Pack Rating and Energy/Power	1. No. of Motors / Batteries as per Manufacturer's design.
	b. Minimum & Maximum Charging%	2. Power pack of min 120 kWh
	c. Maximum 30 Min. Power(kW)	3. Electrical Re-generation required.
	d. Motor/s Capacity	4. Off-Board Charging Required
		5. Charging Time ≤2 hours.
		7. Safety-Short circuit/ Over Temperature / Lightning Protection is mandatory.
2.	Rated Performance at GVW in Stop/ Start In Urban Operation	As per UBS-II/CMVR
3.	Acceleration (Meter / Sec. ²)	As per UBS-II/CMVR
4.	Bus Speed of 0 - 30 kmph in Seconds.	As per UBS-II/CMVR
5.	Maximum Speed	As per UBS-II/CMVR
6.	Driver Work Area	Driver Work Area should be as per AIS: 047
7.	Power Requirement for Air Conditioning System, ITS, etc..	Required to be provided by Electrical Propulsion System.
8.	Electrical Propulsion System.	Electrical Propulsion System / Sub Systems(Batteries) Temperature, Motor Speed in RPM, Vehicle Speed, Motor Percent Load (Torque), Diagnostic Message (Electrical Propulsion System Batteries, Cooling System, Motor, Traction Controller Specific), SOC Vehicle Health Monitoring System (Battery Health + Regenerative Brake Charging).
9.	Dash Board	FR Grade Composite glass fiber reinforced fiber dash board as per manufacturers design and should be sturdy, durable & decorative with suitable metallic colour paint.
10.	Battery Box	As per manufacturers design Battery Box should be properly fitted with LED Light arrangements & along with proper Provision for fitment of Battery Cable to avoid short circuit of Wiring.



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11.	Sun visor for Windshield	To be provided full width with Good Quality Material and Roller type as per manufacturers design.
ELECTRICAL		
12.	LED Light	Sufficient LED Lights should be provided at Driver Cabin, Battery Box, Step Light, etc.
13.	ETM Charger	ETM Charger should be provided in Driver Cabin
14.	Reverse Horn	1No. to be provided.
15.	Fire Detection & Suppression System (FDSS)	As per AIS : 135 & AIS : 153
16.	Safety Belts	Safety Belt where ever Necessary as per IS: 15140 of 2003 (Type Approved) should Provide, 3 Point Safety Belt For Driver Seat should be provided.
17.	Noise Level	Noise level shall be as per requirements of CMVR & AIS: 052 & Its amendments time to time, applicable at the time of delivery of the chassis.

Sd/-
Managing Director
Guwahati Smart City Ltd.