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Mrs. P.K. Sheba Sabari
Assistant Registrar (Stores & Purchase)

Date: 23.03.2023

CORRIGENDUM - IV

“SUPPLY OF E-BUS WITH AC AND WITHOUT-AC FOR STUDENT COMMUNITY AT IIT MADRAS”

Tender No. IITM/SPS/E-Bus/022/2022-23/SPL

Tender ID: 2023_IITM_144778_1

1. In Page No. **Page 15 & 18 of 23**, of **Annexure-A & B**, under **technical specification, Sl.No.1 & 2** may be read as:

No	Item	Descriptions
I		E-Bus without AC - 4 Nos.
1	Length of E-Buses	should not be less than 9m
2	Width of E-Buses	should not be less than 2500mm
3	Floor Height	At most 900 mm or less preferred
4	Turning Circle Radius	9 m maximum
5	Number of seats and doors	The seat layout, specification and door layout will be jointly finalized after order issue. These have to meet the prevailing norms of the Government.
6	Lighting and other fitments	LED Head Lamps and plush interior LED lighting, Camera
7	Air conditioning	No
8	Battery Type	LTO (Lithium-Titanium-Oxide)
9	Battery Size	Not less than 32 kWh
10	Chargers	2 No's.
11	Guns per Charger	2 No's.
12	Homologation	College application
13	Training for drivers	To be provided by OEM to IITM drivers at free of cost prior to commissioning.
14	Power rating of the charger	Around 170 kW + 170 kW
15	Tool Box, Jack and Spare Tyre. will be provided in the bus at a suitable location	Minimum of 1 no. need to be provided
16	Comprehensive Annual Maintenance Contract	10 years including warranty period.

Instead of

No	Item	Descriptions
I		
E-Bus without AC - 4 Nos.		
1	Length of E-Buses	About 9 m
2	Width of E-Buses	Around 2500 mm
3	Floor Height	At most 900 mm or less preferred
4	Turning Circle Radius	9 m maximum
5	Number of seats and doors	The seat layout, specification and door layout will be jointly finalized after order issue. These have to meet the prevailing norms of the Government.
6	Lighting and other fitments	LED Head Lamps and plush interior LED lighting, Camera
7	Air conditioning	No
8	Battery Type	LTO (Lithium-Titanium-Oxide)
9	Battery Size	Not less than 32 kWh
10	Chargers	2 No's.
11	Guns per Charger	2 No's.
12	Homologation	College application
13	Training for drivers	To be provided by OEM to IITM drivers at free of cost prior to commissioning.
14	Power rating of the charger	Around 170 kW + 170 kW
15	Tool Box, Jack and Spare Tyre. will be provided in the bus at a suitable location	Minimum of 1 no. need to be provided
16	Comprehensive Annual Maintenance Contract	10 years including warranty period.

2. In **Page 15 & 18 of 23 of Annexure – A & B**, under **technical specification, Sl.No.1 & 2** may be read as:

Sl. No	Item	Descriptions
II		
E-Bus with AC - 1 No.		
1	Length of E-Buses	should not be less than 9m
2	Width of E-Buses	should not be less than 2500mm
3	Floor Height	At most 900 mm or less preferred
4	Turning Circle Radius	9 m maximum
5	Number of seats and doors	The seat layout, specification and door layout will be jointly finalized after order issue. These have to meet the prevailing norms of the Government.
6	Lighting and other fitments	LED Head Lamps and plush interior LED lighting, Camera
7	Air conditioning	YES
8	Battery Type	LTO (Lithium-Titanium-Oxide)
9	Battery Size	Not less than 64 kWh
10	Homologation	College application
11	Training for drivers	To be provided by OEM to IITM drivers at free of cost prior to commissioning.
12	Power rating of the charger	Two units of dual gun charge with atleast 170 kW + 170 kW rating
13	Tool Box, Jack and Spare Tyre. will be provided in the bus at a suitable location	Minimum of 1 no. need to be provided
14	Comprehensive Annual Maintenance Contract	10 years including warranty period.

Instead of

Sl.No	Item	Descriptions
II		
E-Bus with AC - 1 No.		
1	Length of E-Buses	About 9 m
2	Width of E-Buses	Around 2500 mm
3	Floor Height	At most 900 mm or less preferred
4	Turning Circle Radius	9 m maximum
5	Number of seats and doors	The seat layout, specification and door layout will be jointly finalized after order issue. These have to meet the prevailing

		norms of the Government.
6	Lighting and other fitments	LED Head Lamps and plush interior LED lighting, Camera
7	Air conditioning	YES
8	Battery Type	LTO (Lithium-Titanium-Oxide)
9	Battery Size	Not less than 64 kWh
10	Homologation	College application
11	Training for drivers	To be provided by OEM to IITM drivers at free of cost prior to commissioning.
12	Power rating of the charger	Two units of dual gun charge with atleast 170 kW + 170 kW rating
13	Tool Box, Jack and Spare Tyre. will be provided in the bus at a suitable location	Minimum of 1 no. need to be provided
14	Comprehensive Annual Maintenance Contract	10 years including warranty period.

3. Date Corrigendum – I issued on 07.03.2023 may be read as:

<p>Due Date for bid submission: 28.03.2023 @ 02.00 p.m.</p> <p>Instead of</p> <p>Due Date for bid submission: 20.03.2023 @ 02.00 p.m.</p>

All other conditions remain unchanged. Further queries/clarification in this regard will not be entertained.

Note: Bidder should submit the BoQ based on the tender documents and Corrigendum's issued by IITM.

The following queries raised by the bidder's and clarification of the Committee is given below.

Sl. No.	Content of Tender Document	Bidder Queries	Committee Decision
(1)	(2)	(3)	(4)
1	<p>Page 7 of 23</p> <p>5. The firm must have an aggregate financial turnover of at least Rs. 8 Crores in the last Three years i.e. 2019-20, 2020-21 and 2021-22 (financial statements/certificates issued by Chartered Accountant should be submitted as a proof). As per Corrigendum I: 5. The firm must have an aggregate financial turnover of at least Rs. 8 Crores in the last Five years i.e. 2017-2018,2018-2019, 2019-20, 2020-21 and 2021-22 (financial statements/certificates issued by Chartered Accountant should be submitted as a proof).</p>	<p>Kindly request you to allow for claiming the Financial credentials of our Subsidiary Company.</p> <p>Justification: Switch Mobility Automotive Limited is the Subsidiary Company of M/s. Ashok Leyland formed a year back purely for Manufacturing of Electric Vehicles. Switch had delivered more than 300+ Electric Buses in India in FY2022-23 and are successfully operating on Indian Roads. So, request you to allow for taking credentials of Subsidiary Company</p>	<p>TENDER CONDITION PREVAILS.</p>

2	<p>Page 7 of 23</p> <p>6. The bidder should have supplied E-Buses at least one in the last five years (2017-18, 2018-19, 2019- 2020, 2020-2021 & 2021-2022) to Central Government / Central PSU / Central Autonomous / reputed firms as detailed below: i) Three (3) supplies each costing not less than Rs.4 Crores (Or) ii) Two (2) supplies each costing not less than Rs.6 Crores (Or) iii) One (1) supply costing not less than Rs.8 Crores</p>	<p>Kindly request you to consider the supplies as on date of bid submission. Also, request you to consider the supplies made through Gross Cost Contracts(GCC) to various State Transport Undertakings.</p> <p>Justification: Switch Mobility Automotive Limited had formed a year back. Switch had manufactured and delivered more than 300+ Electric Buses in India in FY2022-23 and are successfully operating on Indian Roads. Secondly, present contracts are mostly of OPEX model, we request you to consider Opex Contracts also.</p>	TENDER PREVAILS.	CONDITION
3	<p>Page 15 of 23 (E-Buses without AC)</p> <p>Battery Type: LTO (LithiumTitanium-Oxide)</p>	<p>Kindly request you to allow NMC Battery Type</p> <p>Justification: We had manufactured and delivered more than 300 Electric Buses with NMC Batteries and are being proven in various routes. Kindly consider</p>	TENDER PREVAILS	CONDITION
4	<p>Page 15 of 23 (E-Buses without AC)</p> <p>Power rating of the charger: Around 150 kW + 150 Kw</p> <p>As per Corrigendum I: Two units of dual gun charger with atleast 170 kW + 170 kW rating.</p>	<p>Kindly request you to consider 120 kW + 120 kW Chargers</p> <p>Justification: This would suffice the operational requirements of IITM</p>	TENDER PREVAILS	CONDITION
5	<p>Page 15 of 23 (E-Buses without AC)</p> <p>Tool Box, Jack and Spare Tyre. will be provided in the bus at a suitable location: Minimum of 1 no. need to be provided</p>	<p>Spare Tyre will be provided separately and cannot be provided in the bus.</p> <p>Justification: Since Batteries are mounted below the floor and Electrical system is completely placed at rear portion, it is difficult to provide in the bus. Kindly consider</p>	TENDER PREVAILS	CONDITION
6	<p>Page 15 of 23 (E-Buses without AC)</p> <p>Battery Type: LTO (LithiumTitanium-Oxide)</p>	<p>Kindly request you to allow NMC Battery Type</p> <p>Justification: We had manufactured and delivered more than 300 Electric Buses with NMC Batteries and are being proven in various routes. Kindly consider</p>	TENDER PREVAILS	CONDITION
7	<p>Page 15 of 23 (E-Buses with AC)</p> <p>Power rating of the charger: Around 150 kW + 150 Kw</p> <p>As per Corrigendum I: Two units of dual gun charger with atleast 170 kW + 170 kW rating.</p>	<p>Kindly request you to consider 120 kW + 120 kW Chargers</p> <p>Justification: This would suffice the operational requirements of IITM</p>	TENDER PREVAILS.	CONDITION
8	<p>Page 15 of 23 (E-Buses with AC)</p> <p>Tool Box, Jack and Spare Tyre. will be provided in the bus at a suitable location: Minimum of 1 no. need to be provided</p>	<p>Spare Tyre will be provided separately and cannot be provided in the bus.</p> <p>Justification: Since Batteries are mounted below the floor and Electrical system is completely placed at rear portion, it is difficult to provide in the bus. Kindly consider</p>	TENDER PREVAILS.	CONDITION

9	<p>Page 15 of 23 Power rating of the charger: Around 150 kW + 150 Kw</p> <p>As per Corrigendum I: Two units of dual gun charger with atleast 170 kW + 170 kW rating.</p>	Kindly confirm if the power rating required per charger is 170 kW or 340 kW (170+170)	TENDER CONDITION PREVAILS.
10	<p>Terms & Conditions Sl. No 16, Page No. 6: Penalty & Liquidated Damages / Force Majeure</p> <p>If the selected Bidder fails to complete the due performance of the contract in accordance with the terms and conditions, Institute reserves the right either to cancel the contract or to accept performance already made by the selected Bidder after imposing Penalty on Selected Bidder. A penalty will be calculated on a per week basis and on the same Rate as applicable to Liquidated Damages (LD). In case of termination of the contract, Institute reserves the right to recover an amount equal to 5% of the Contract value as Liquidated Damages for non-performance.</p>	<p>Liquidated damages rate and applicable of what. (it is bid value, Chassis value etc.)</p> <p>Penalty terms for CAMC-</p> <p>If fleet uptime lower than mentioned Uptime (as per current terms 94%), how penalty will be calculated.</p> <p>At what rate it will be calculated and % rate will be applicable of which financial parameter. (Contract Value or Monthly billing Value or Yearly contract value etc.)</p>	The committee already discussed and decided that TENDER CONDITION PREVAILS.
11	Bid Submission due date	To extend the bid submission due date at least by 7 days from current due date may kindly be seen.	With the committee recommendation, date corrigendum issued with bid submission due date from 02.03.2023 @ 2.00 p.m. to 20.03.2023 @ 2.00 p.m. For competitive bids, committee considered and recommended once again to extend the bid submission due date from 20.03.2023 @ 2.00 p.m. to 28.03.2023 @ 2.00 p.m. (Corrigendum issued on 20.03.2023)
12	<p>Page 15 of 23</p> <p>Number of seats and doors</p> <p>The seat layout, specification and door layout will be jointly finalized after order issue. These have to meet the prevailing norms of the Government</p>	<ol style="list-style-type: none"> 1. No of seats 2. Type of seats 3. Door type & layout. <p>It's requested to confirm and finalize the same for bid calculation</p>	TENDER CONDITION PREVAILS

13	<p>Page no 13 of 23 in annexure-A under S.No 15</p> <p>On Demand by IITM, Any components/fixtures shall be supplied to IITM within 3 days for testing purposes as per the relevant Indian standards. The cost for the transportation, testing, etc shall be borne by supplier.</p>	<p>Clarifications for the below point and what additional components /fixtures will be required.</p> <p>On Demand by IITM, Any components/fixtures shall be supplied to IITM within 3 days for testing purposes as per the relevant Indian standards. The cost for the transportation, testing, etc shall be borne by supplier.</p>	<p>TENDER CONDITION PREVAILS</p>
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Sd/-
Assistant Registrar