

	<p style="text-align: center;">भारतीय प्रौद्योगिकीसंस्थानमद्रासचेन्नै 600 036  <b>INDIAN INSTITUTE OF TECHNOLOGY MADRAS Chennai 600 036</b>  भंडार एवं क्रय अनुभाग  <b>STORES &amp; PURCHASE SECTION</b>  Email: <a href="mailto:adstores@iitm.ac.in">adstores@iitm.ac.in</a>  दूरभाष: (044) 2257 8285 / 8286 / 8287 / 8288 फ़ैक्स: (044) 2257 8292  Telephone : (044) 2257 8285/8286/8287/8288 FAX: (044) 2257 8292  GSTIN: 33AAAAI3615G1Z6</p>	
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**Mrs. P.K. Sheba Sabari**  
*Assistant Registrar (Stores & Purchase)*

**Date: 07.07.2023**

**CORRIGENDUM – II**

**“SUPPLY OF E-BUS WITH AC AND WITHOUT-AC FOR STUDENT COMMUNITY AT IIT MADRAS”**  
**Tender No. IITM/SPS/E-Bus/008/2023-24/SPL**  
**Tender ID: 2023\_IITM\_159232\_1**

1. In Page No. **Page 5 of 25**, at **Sl.No.6** may be read as:

<p><b>6. Stage wise Payment will be made:</b></p> <ul style="list-style-type: none"> <li>• <b>I Stage:</b> 30% in advance after acceptance of purchase order against Bank Guarantee for Purchase order amount.</li> <li>• <b>II Stage:</b> 50 % payment after supply of 5 E-Buses</li> <li>• <b>III Stage:</b> Remaining 20 % after successful completion of commissioning and operation of E-Buses.</li> </ul>
<b>Instead of</b>
<p><b>6. Stage wise Payment will be made:</b></p> <ul style="list-style-type: none"> <li>• <b>I Stage:</b> 10% in advance after acceptance of purchase order.</li> <li>• <b>II Stage:</b> 10% of the total value after supply and completion of 5 full working day trial run of 1 bus with 1 charger.</li> <li>• <b>III Stage:</b> 70% of the total value within 45 days of delivery of all vehicles, equipment and facilities, inspection and approval as per agreed specification.</li> <li>• <b>IV Stage:</b> 10% of the total value within 45 days of successful commissioning and operations of 5 buses.</li> </ul>

2. In Page No. **Page 5 of 25**, at **Sl.No.8** may be read as:

<p><b>सुपुर्दगी / Delivery:</b>  Items should be delivered within <b>4 months and extendable upto 6 months with penalty of 5% of purchase order value for the extended period</b> from the date of Purchase Order. At the time of accepting orders, an overall project plan up till the date of commissioning to be provided. Further, periodic update reports should be provided every 4 weeks.</p>
<b>Instead of</b>
<p><b>सुपुर्दगी / Delivery:</b>  Items should be delivered within <b>3 Months</b> from the date of Purchase Order. At the time of accepting orders, an overall project plan up till the date of commissioning to be provided. Further, periodic update reports should be provided every 4 weeks.</p>

3. In Page No. **Page 5 of 25**, at **Sl.No.16** the following clause is added:

**Force Majeure:** The Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

4. In Page No. **6, 13 & 17 of 25**, under **Bidder Eligibility Criteria - II of Annexure A & B, Sl.No.3**, may be read as:

3. Certification from the Automotive Research Association of India (ARAI) as per Central Motor Vehicle Rule (CMVR) necessary document proof should be provided for any one 9m Electric Bus Certification for the offered model at the time of delivery of buses.

**Instead of**

3. Certification from the Automotive Research Association of India (ARAI) as per Central Motor Vehicle Rule (CMVR) necessary document proof should be provided.

5. In Page No. **6, 13 & 17 of 25**, under **Bidder Eligibility Criteria - II of Annexure A & B, Sl.No.4**, may be read as:

4. The bidder should have manufactured and delivered within India at least **100 Nos.** of E-Buses in last 2 years, as on the due date of tender. (A copy of Purchase orders to be attached).

**Instead of**

4. The bidder should have manufactured and delivered within India at least **250 Nos.** of E-Buses in last 2 years, as on the due date of tender. (A copy of Purchase orders to be attached).

6. In Page No. **6, 13 & 17 of 25**, under **Bidder Eligibility Criteria - II of Annexure A & B, Sl.No.6**, may be read as:

6. The bidder should have operated / supplied atleast 100 E-Buses in India to Central Government / Central PSU / Central Autonomous / **State Transport Undertakings** reputed firms. (Proof for operation and maintenance should be submitted)

**Instead of**

6. The bidder should have operated / supplied atleast 100 E-Buses in India to Central Government / Central PSU / Central Autonomous / reputed firms. (Proof for operation and maintenance should be submitted)

7. In Page No. 14 & 18 of 25, under **Technical Specification of Category I-E- Bus without AC- 4 nos. of Annexure A & B, Sl.No.9a, 9b & 15** may be read as:

Sl.No	Item	Descriptions
1	Number of E-Buses	4 No's
2	Length of E-Buses	About 9 m
3	Width of E-Buses	Around 2500 mm
4	Floor Height	Atmost 900 mm or less preferred
5	Turning Circle Radius	9 m maximum
6	Number of seats and doors	the seat layout, specification and door layout will be jointly finalized after order issue. Design should be wheel chair operation compatible.
7	Lighting and other fitments	LED Head Lamps and plush interior LED lighting, Camera, with provision of wif-fi.
8	Air conditioning	No
9	Battery Type	Lithium Ion battery (not less than 240kWhr)
9a	<b>Charger</b>	<b>Dual gun charger will have 2ports for every 2 buses. One port will be provided for each bus.</b>
9b	<b>Charging time</b>	<b>Not more than 120 Mins</b>
10	Range	Not less than 250 kms with single charge
11	Homologation	College application
12	Training for drivers	To be provided by OEM to IITM drivers at free of cost prior to commissioning.
13	Power & Maintenance Infrastructure and related space for vehicles	IITM will provide at free of cost.
14	Specification and Schedule for the readiness	OEM or authorised re-seller of OEM
15	Tool Box, Jack and Spare Tyre, <b>Spare Wheel</b> . will be provided in the bus at a suitable location	Minimum of 1 no. need to be provided and <b>Spare wheel to be provided at the Service Location.</b>
16	Warranty – E-Bus and charger	1 Year of standard warranty should be Total Guarantee for bumper to bumper.
17	CAMC – Bumper to bumper including battery and charger	9 years after the standard warranty period
18	Fire Detection and Suppression System	Need to cover all possible areas where there are chances of temperature rise, arcing or fire occurs.

**Instead of**

Sl.No	Item	Descriptions
1	Number of E-Buses	4 No's
2	Length of E-Buses	About 9 m
3	Width of E-Buses	Around 2500 mm
4	Floor Height	Atmost 900 mm or less preferred
5	Turning Circle Radius	9 m maximum
6	Number of seats and doors	the seat layout, specification and door layout will be jointly finalized after order issue. Design should be wheel chair operation compatible.
7	Lighting and other fitments	LED Head Lamps and plush interior LED lighting, Camera, with provision of wif-fi.
8	Air conditioning	No
9	Battery Type	Lithium Ion battery (not less than 240kWhr)

9a	Charger	<b>Dual gun charger need to be provided 1 No. for every two bus.</b>
9b	<b>Charging time</b>	<b>Not more than 60 Mins</b>
10	Range	Not less than 250 kms with single charge
11	Homologation	College application
12	Training for drivers	To be provided by OEM to IITM drivers at free of cost prior to commissioning.
13	Power & Maintenance Infrastructure and related space for vehicles	IITM will provide at free of cost.
14	Specification and Schedule for the readiness	OEM or authorised re-seller of OEM
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	Warranty – E-Bus and charger	1 Year of standard warranty should be Total Guarantee for bumper to bumper.
17	CAMC – Bumper to bumper including battery and charger	9 years after the standard warranty period
18	Fire Detection and Suppression System	Need to cover all possible areas where there are chances of temperature rise, arcing or fire occurs.

8. In Page No. **Page 14 & 19 of 25**, under **Technical Specification of Category II-E- Bus with AC- 1 no. of Annexure A & B, Sl.No.9b & 15**, may be read as:

Sl.No	Item	Descriptions
1	Number of E-Buses	1 No
2	Length of E-Buses	About 9 m
3	Width of E-Buses	Around 2500 mm
4	Floor Height	Atmost 900 mm or less preferred
5	Turning Circle Radius	9 m maximum
6	Number of seats and doors	the seat layout, specification and door layout will be jointly finalized after order issue. Design should be wheel chair operation compatible.
7	Lighting and other fitments	LED Head Lamps and plush interior LED lighting, Camera, with provision of wifi.
8	Air conditioning	Yes
9	Battery Type	Lithium Ion battery (not less than 340kWhr )
9a	Charger	1 single charger need to be provided.
9b	<b>Charging time</b>	<b>Not more than 120 Mins</b>
10	Range	Not less than 250 kms with single charge
11	Homologation	College application
12	Training for drivers	To be provided by OEM to IITM drivers
13	Power & Maintenance Infrastructure and related space for vehicles	IITM will provide at free of cost.
14	Specification and Schedule for the readiness	OEM or authorised re-seller of OEM
15	Tool Box, Jack and Spare Tyre, <b>Spare Wheel</b> . will be provided in the bus at a suitable location	Minimum of 1 no. need to be provided and <b>Spare wheel to be provided at the Service Location.</b>

16	Warranty – E-Bus and charger	1 Year of standard warranty should be Total Guarantee for bumper to bumper.
17	CAMC – Bumper to bumper including battery and charger	9 years after the standard warranty period
18	Fire Detection and Suppression System	Need to cover all possible areas where there are chances of unusual temperature rise, arcing or fire occurs.
<b>Instead of</b>		
Sl.No	Item	Descriptions
1	Number of E-Buses	1 No
2	Length of E-Buses	About 9 m
3	Width of E-Buses	Around 2500 mm
4	Floor Height	Atmost 900 mm or less preferred
5	Turning Circle Radius	9 m maximum
6	Number of seats and doors	the seat layout, specification and door layout will be jointly finalized after order issue. Design should be wheel chair operation compatible.
7	Lighting and other fitments	LED Head Lamps and plush interior LED lighting, Camera, with provision of wifi.
8	Air conditioning	Yes
9	Battery Type	Lithium Ion battery (not less than 340kWhr )
9a	Charger	1 single charger need to be provided.
9b	<b>Charging time</b>	<b>Not more than 60 Mins</b>
10	Range	Not less than 250 kms with single charge
11	Homologation	College application
12	Training for drivers	To be provided by OEM to IITM drivers
13	Power & Maintenance Infrastructure and related space for vehicles	IITM will provide at free of cost.
14	Specification and Schedule for the readiness	OEM or authorised re-seller of OEM
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	Warranty – E-Bus and charger	1 Year of standard warranty should be Total Guarantee for bumper to bumper.
17	CAMC – Bumper to bumper including battery and charger	9 years after the standard warranty period
18	Fire Detection and Suppression System	Need to cover all possible areas where there are chances of unusual temperature rise, arcing or fire occurs.

9. Date issued on 28.06.2023 may be read as:

<p><b>Bid submission Start Date: 12.07.2023 @ 09.00 a.m. and</b>  <b>Last Date and Time for Uploading of Bids: 25.07.2023 @ 02.00 p.m.</b>  <b>Date and Time of Tender Opening: 26.07.2023 @ 3.00 p.m.</b></p> <p><b>Instead of</b></p> <p>Bid submission Start Date: 07.07.2023 @ 09.00 a.m. and  Last Date and Time for Uploading of Bids: 18.07.2023 @ 02.00 p.m.  Date and Time of Tender Opening: 19.07.2023 @ 3.00 p.m.</p>
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**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.**

**CLARIFICATIONS**

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

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
1.	Page 5 clause 10- Right of Acceptance	Right of Acceptance: IIT Madras reserves the right to reject the whole or any part of the Tender without assigning any reason or to accept them in part or full. IIT Madras also reserves the right to extend the order for additional e- Buses and Chargers at the same prices within a period 4 months from the date of placement of PO,if required.	Requesting authority to provide additional period of delivery for such additional number of buses/chargers.	Additional period of delivery for additional number will be provided on mutual agreed terms
2.	Page 5 clause 15- Dispute Settlement:	It is mutually agreed that all differences and disputes arising out of or in connection with this agreement shall be settled by mutual discussions and negotiations. If such disputes and differences cannot be settled and resolved by discussions and negotiations then the same shall be referred to the sole Arbitrator appointed by the Director, IIT Madras whose decision shall be final and binding on both the parties. It is also agreed that in case of any disagreements / disputes in connection with the Arbitrator's award, the same shall be settled under the Court of Law with its jurisdiction at Chennai. The resultant contract will be interpreted under Indian Laws.	Requesting authority for a three arbitrator panel who may adjudicate the disputes, out of which one arbitrator may be appointed by each party and the third presiding arbitrator may be appointed by such arbitrators mutually and as per Arbitration and Conciliation Act.  Kindly modify to jurisdiction at Mumbai.	As per Institute policy, any dispute will be referred to sole Arbitrator appointed by the Director. Jurisdiction will be only at Chennai.
3.	Page 5 clause 16 - Penalty & Liquidated Damages / Force Majeure:	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	Request authority to reduce LD charged as 2% of contract value.  Requesting authority to remove requirement to	FOR LD CHARGES, TENDER CONDITION PREVAILS.  Recommended for issuing Corrigendum by mentioning the Force Majeure Clause.

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
		<p>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. Both Penalty and Liquidated Damages are independent of each other and are applied separately and concurrently. Penalty and LD are not applicable for reasons attributable to the Institute and Force Majeure. However, it is the responsibility of the selected Bidder to prove that the delay is attributable to the Institute and Force Majeure. The selected Bidder shall submit the proof authenticated by the Bidder and Institute's official that the delay is attributed to the Institute and/or Force Majeure along with the bills requesting payment.</p>	<p>submit proof of delay due to force majeure.</p>	
4.	<p>Page 6, 13, 17 - Sl.No.2 Bidder Eligibility Criteria-II</p>	<p>The bidder should be an OEM or authorized re-seller of OEM. Necessary OEM certificate / OEM authorization letter for this particular tender should be submitted by the bidder as given in Annexure-G.</p>	<p>Requesting authority to modify as below. Single bidder - OEM/Associate of OEM/Operating Subsidiary of OEM Operating Subsidiary of OEM can take eligibility credentials (Technical &amp; Financial, others if any) from its subsidiary Company to participate in this tender. Operating Subsidiary Company of OEM should be exempted from operational experience</p>	<p>TENDER CONDITION PREVAILS.</p>
5.	<p>Page 6, 13, 17 - Sl.No.7</p>	<p>The bidder should have local service centers in Chennai / within the range of 200 Kms.</p>	<p>Requesting authority to modify as below.</p>	<p>TENDER CONDITION PREVAILS.</p>

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
	Bidder Eligibility Criteria-II	from IIT Madras Campus. (Proof to be attached)	Bidder shall provide AMC services at the IIT Campus. 200 Kms with 60 mins opportunity Charging	
6.	Page 12 -Sl.No.4 Comprehensive Annual Maintenance Contract (CAMC)	IIT Madras will provide space, power and air at free of cost for the parking, charging, repair and maintenance of the e-Buses.	Request authority to clarify the "Mode of Service" whether service of vehicle is to be done in Camps or Vehicle will come for service near by workshop.	Clarified that minor services to be carried out at IIT Madras Campus and major services can be done at the Service Centre.
7.	Page 12 -Sl.No.21 Special Terms and conditions	The permanent and temporary registration for the vehicle needs to be carried out by the OEM/re- seller. IITM will provide the necessary documents	Requesting authority to clarify the scope for charges to be paid for permanent registration.	Payment will be done by IIT Madras for permanent and temporary registration
8.	Page 12 -Sl.No.24 Special Terms and Conditions:	Battery capacity: 240kWhr or so for the 4 Non-AC E-buses and about 340kWhr for the AC bus as battery capacity. Ensure that one time charging will fulfil one day continuous operation in campus during 6am to 10.30PM.	Requesting authority to modify as per OEM Specifications	TENDER CONDITION PREVAILS.
9.	Page 12-Sl.No.3 Comprehensive Annual Maintenance Contract (CAMC)	We need to keep all five buses running at least up to 94% minimum against "periodic schedule" in the campus.	Requesting authority to clarify term 'periodic schedule' in Up time calculation.	Clarified and refer the tender condition of Sl.no.24 at Pg.no.12 of 25
10.	Page 12-Sl.No.2 Comprehensive Annual Maintenance Contract (CAMC)	CAMC Period for 9 years after warranty. The bidder should quote the CAMC rate for bumper to bumper including battery from the end of the warranty period.	Requesting authority to clarify the scope for below daily activity Bus charging, Washing, sweeping cleaning, Tyre maintenance. Bus statutory compliances (MVI FC renewal/RTO passing).	Clarified the Daily activity for Bus charging, Washing, sweeping cleaning, Tyre maintenance will be taken care by IIT Madras and documents will be provided by IIT Madras for statutory compliances (MVI FC renewal /RTO passing)
11.	Page 12-Sl.No.2 Comprehensive Annual Maintenance Contract (CAMC)	CAMC Period for 9 years after warranty. The bidder should quote the CAMC rate for bumper to bumper including battery from the end of the warranty period. Any fault or damage during the commissioning should be rectified at free of cost by the supplier. The bidder is required to explicitly quote the CAMC rate after the warranty period. CAMC payments will be	Rectification shall be based upon the fault or accident situation & Insurance recovery.  Request authority to accept.	TENDER CONDITION PREVAILS.



Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
		paid in advance against proforma invoice on Quarterly basis.		
12.	Page 12-Sl.No.4 Comprehensive Annual Maintenance Contract (CAMC)	4. IIT Madras will provide space, power and air at free of cost for the parking, charging, repair and maintenance of the e-Buses.	Request Authority to provide confirmation on provision for Taxes/Permits or any other statutory approvals, water, Electricity cost, waste management cost etc., till AMC Period	IIT Madras will maintain the space.
13.	Page 12-Sl.No.5 Comprehensive Annual Maintenance Contract (CAMC)	In case of failures / damages of any kind, it should be repaired/replaced free of cost as part of this CAMC. The CAMC will include all expenses, including the cost of labour, material, parts, consumables and replacement due to wear & tear items and there shall be no compensation payable to the OEM on any account other than the CAMS charges for the period of CAMC validity. In the case of Insurance based-compensation towards parts and vehicles on account of accidents or flooding or fires the compensation that is obtained for these instances where Insurance compensation is applicable, shall be transferred to the OEM within 15 days of receipt of the payment from the Insurance firm. For selecting the insurance firm, OEM to provide at least 3 Insurance firms that are acceptable to it and the OEM shall carry out all liaison for such Insurance claims. IITM will be responsible for the placement of Insurance policy with one of the parties agreeable to the OEM with due tender processes and for the payment of such claims within 15 days of receipt from the Insurance company.	It shall be based on the appropriate price escalation or recovery  Request authority to accept.	TENDER CONDITION PREVAILS.

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
14.	Page 12-Sl.No.2 Comprehensive Annual Maintenance Contract (CAMC)	CAMC payments will be paid in advance against proforma invoice on Quarterly basis.	Requesting authority to modify as CAMC payments will be paid in advance against proforma invoice on monthly basis.	TENDER CONDITION PREVAILS.
15.	Page 14 & 18-Sl.No.9 TECHNICAL SPECIFICATION Category I -E- Bus With-out AC - 4 Nos	Battery Type Lithium Ion battery (not less than 240kWhr)	Request authority to amend Battery capacity with "Min 200Kwhr".	TENDER CONDITION PREVAILS.
16.	Page 14 & 18-Sl.No.10 TECHNICAL SPECIFICATION Category I -E- Bus With-out AC - 4 Nos	Range Not less than 250 kms with single charge	Requesting authority to amend the Range "Min 180Km at 80% SoC As per AIS 040"	TENDER CONDITION PREVAILS.
17.	Page 14 & 18-Sl.No.11 TECHNICAL SPECIFICATION Category I -E- Bus With-out AC - 4 Nos	Homologation College application	Request authority to clarify the exact College application requirement. or Please amend the Type of Bus "Type I"	TENDER CONDITION PREVAILS.
18.	Page 14 & 18-Sl.No.13 TECHNICAL SPECIFICATION Category I -E- Bus With-out AC - 4 Nos	Power & Maintenance Infrastructure and related space for vehicles IITM will provide at free of cost.	Request authority to clarify the "Power & Maintenance infrastructure" term. Ref. Infra related point	Accepted. Power supply and Space will be provided by IIT Madras
19.	Page 14 & 18-Sl.No.16 TECHNICAL SPECIFICATION Category I -E- Bus With-out AC - 4 Nos	Warranty - E-Bus and charger Standard warranty should be Total Guarantee for bumper to bumper.	Requesting authority to delete the "Total Guarantee for Bumper to bumper" and add "Standard warranty for 1 yrs. as per OEM Std"	TENDER CONDITION PREVAILS.
20.	Page 14 & 18-Sl.No.17 TECHNICAL SPECIFICATION Category I -E- Bus With-out AC - 4 Nos	CAMC - Bumper to bumper including battery and charger 9 years after the standard warranty period	Request authority to clarify the exact scope "Bumper to Bumper CAMC" whether it include Paints, Accidental work, Washing, upholstery, body part replace, regular up keep etc.	TENDER CONDITION PREVAILS Clarified and refer the tender condition of Sl.6 of CAMC in Pg.No.13 of 25

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
21.	Page 14 & 18-Sl.No.9 TECHNICAL SPECIFICATION Category II -E-Bus With AC -1 No	Battery Type Lithium Ion battery (not less than 240kWhr)	Requesting authority to amend with Battery capacity "Min 200Kwhr".	TENDER CONDITION PREVAILS
22.	Page 14 & 18-Sl.No.10 TECHNICAL SPECIFICATION Category II -E-Bus With AC -1 No	Range Not less than 250 kms with single charge	Requesting authority to amend the Range "Min 180Km at 80% SoCAs per AIS 040"	TENDER CONDITION PREVAILS
23.	Page 14 & 18-Sl.No.11 TECHNICAL SPECIFICATION Category II -E-Bus With AC -1 No	Homologation College application	Request authority to clarify the exact College application requirement. Or Please amend the Type Bus "Type I"	TENDER CONDITION PREVAILS
24.	Page 14 & 18-Sl.No.16 Warranty - E-Bus and charger	1 Year of standard warranty should be Total Guarantee for bumper to bumper.	Requesting authority to delete the "Total Guarantee for Bumper to bumper" and add "Standard warranty for 1 yrs. as per OEM Std"	TENDER CONDITION PREVAILS
25.	Page 14 & 18-Sl.No.7 TECHNICAL SPECIFICATION Lighting and other fitments	LED Head Lamps and plush interior LED lighting, Camera, with provision of wif-fi.	Will provide bulb type headlamps Led lamps inside	TENDER CONDITION PREVAILS
26.	Page 14 & 18-Sl.No.18 TECHNICAL SPECIFICATION Fire Detection and Suppression System	Need to cover all possible areas where there are chances of temperature rise, arcing or fire occurs	FDSS will be provided in HV battery area only. FDAS will be provided in LV battery, ECU area  Request authority to accept.	TENDER CONDITION PREVAILS
27.	Page 14 & 18-Sl.No.13 TECHNICAL SPECIFICATION Category II -E-Bus With AC -1 No.	14. Power & Maintenance Infrastructure and related space for vehicles IITM will provide at free of cost.	Request authority to clarify the "Power & Maintenance infrastructure" term. Ref. Infrarelated point	Accepted. Power supply and Space will be provided by IIT Madras

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
28.	Page 14 & 18- Sl.No.16 TECHNICAL SPECIFICATION Category II -E- Bus With AC -1 No.	16. Warranty – E-Bus and charger Standard warranty should be Total Guarantee for bumper to bumper.	Request authority to delete the "Total Guarantee for Bumper to bumper" add "Standard warranty for 1 yrs as per OEM Std"	TENDER CONDITION PREVAILS.
29.	Page 14 & 18- Sl.No.17 TECHNICAL SPECIFICATION Category II -E- Bus With AC -1 No.	17. CAMC – Bumper to bumper including battery and charger 9 years after the standard warranty period	Request to authority to clarify the exact scope "Bumper to Bumper CAMC" whether it include Paints, Accidental work, Washing, upholstery, body part replace, regular up keep etc.	TENDER CONDITION PREVAILS Please refer Sl.6 of CAMC in Pg.No.13 of 25
30.	Page 25 ANNEXURE - H DECLARATION BY THE BIDDER	1. That E-buses supplied by our firm has not met with fire especially due to battery in the last 2 years as on the due date of submission of tender.	Request you to kindly delete this clause as such accidents can occur due to many reasons which are beyond the control of Manufacturer.	TENDER CONDITION PREVAILS
31.	Request for additional Clause		Request authority to clarify on below points Payment Security Mechanism Leasing Agreement Escrow Agreement - 3 months estimated Fee as a deposit Sub-contracting of all tasks will be allowed	NOT APPLICABLE
32.	Revision of Fee		Request authority to specify upward /downward revision formulae of AMC rates	NO CHANGE
33.	16. Penalty & Liquidated Damages / Force Majeure	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%	Kindly request you to provide us the following:  Rate of Liquidated Damages on per week basis What is the amount of penalty that will be imposed on the Successful Bidder	TENDER CONDITION PREVAILS

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
		of the Contract value as Liquidated Damages for non-performance. Both Penalty and Liquidated Damages are independent of each other and are applied separately and concurrently. Penalty and LD are not applicable for reasons attributable to the Institute and Force Majeure. However, it is the responsibility of the selected Bidder to prove that the delay is attributable to the Institute and Force Majeure. The selected Bidder shall submit the proof authenticated by the Bidder and Institute's official that the delay is attributed to the Institute and/or Force Majeure along with the bills requesting payment.		
34.	19. PRE-QUALIFICATION CRITERIA	Clause to be added:	<b>Price Preference to be given to the buses manufactured in Tamilnadu.</b>	TENDER CONDITION PREVAILS
35.	Page 12 -Sl.No.2 Annexure A	Special Terms and Conditions: 2. The space for trial run installation and commissioning will be arranged by IIT Madras.	<b>Kindly request you to provide the required Power Connection for Charging of buses during trials</b>	TENDER CONDITION PREVAILS
36.	Page 12 -Sl.No.4 Annexure A	Special Terms and Conditions: 4. The bidder should provide full details on the Power & Maintenance Infrastructure and related space for vehicles and IITM will arrange for the same at IITM cost.	<b>Kindly request you to provide the following: all Civil Infrastructure Maintenance Bays, Service Pits, Parking space, sheds, etc. all Electrical Infrastructure like Power Connection, Transformer, LT Panel, RMU, etc</b>	Accepted. Power supply and Space will be provided by IIT Madras
37.	Page 12 -Sl.No.21 Annexure A	21. The permanent and temporary registration for the vehicle needs to be carried out by the OEM/re-seller. IITM will provide the necessary documents.	<b>The charges towards Temporary and Permanent Registrations shall be borne by IITM.</b>	Payment will be done by IIT Madras for permanent and temporary registration

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
38.	Page 12 -Sl.No.22 Annexure A	22. The warranty of the bus includes maintenance replacement of components without any cost for the item and labour. During the warranty period, all spare parts are to be replaced by the OEM or authorised re-seller of OEM.	<b>Kindly request you to consider the Labour cost during Warranty period.</b>	TENDER CONDITION PREVAILS
39.	Page 12 -Sl.No.24 Annexure A	24. Battery capacity: 240kWhr or so for the 4 Non-AC E-buses and about 340kWhr for the AC bus as battery capacity. Ensure that one time charging will fulfil one day continuous operation in campus during 6am to 10.30PM.	<b>Kindly request you to consider Battery Capacity as Minimum 189kWh for both AC and Non-AC Buses</b>	TENDER CONDITION PREVAILS.
40.	Page 12 -Sl.No.1 Comprehensive Annual Maintenance Contract (CAMC)	1. The CAMC scope covers the entire vehicle (Bumper to Bumper) including battery and charger.	<b>Kindly provide us the Monthly/Annual Assured Kilometers during the CAMC period.</b>  <b>Also request you to clarify the following:</b> <b>Scope of Charging of Buses</b> <b>Scope of Electricity Charges towards Maintenance</b> <b>Scope of Operations i.e., Driver</b>	Clarified that the Monthly/Annual Assured Kilometers during the CAMC period is 160 kms per day  Under the scope of IIT Madras
41.	Page 12 -Sl.No.5 Comprehensive Annual Maintenance Contract (CAMC)	5. In case of failures /damages of any kind, it should be repaired/replaced free of cost as part of this CAMC. The CAMC will include all expenses, including the cost of labour, material, parts, consumables and replacement due to wear & tear items and there shall be no compensation payable to the OEM on any account other than the CAMS charges for the period of CAMC validity. In the case of Insurance based-compensation towards parts and vehicles on account of accidents or flooding or fires the compensation that is obtained for these instances where Insurance compensation is applicable, shall be transferred to the OEM within 15 days of receipt of the payment from the Insurance firm. For selecting the insurance	<b>Any shortfall of payment from Insurance Company shall be paid by IITM</b>	Clarified that shortfall of payment from Insurance Company will be made by IIT Madras

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
		<p>firm, OEM to provide at least 3 Insurance firms that are acceptable to it and the OEM shall carry out all liaison for such Insurance claims. IITM will be responsible for the placement of Insurance policy with one of the parties agreeable to the OEM with due tender processes and for the payment of such claims within 15 days of receipt from the Insurance company.</p> <p>The repair work has to be carried out by OEM / re-seller in case of failures / damages on account of accidents, thefts and other damages on account of flooding immediately and the payment may be claimed through insurance.</p>		
42.	<p>Page 14 &amp; 18- Sl.No.6 TECHNICAL SPECIFICATION Category I -E-Bus With-out AC - 4 Nos</p>	<p>6. Number of seats and doors: the seat layout, specification and door layout will be jointly finalized after order issue. Design should be wheel chair operation compatible.</p>	<p><b>Kindly request you to mention the No. of seats required, type of seats, No. of doors, Door Dimensions, etc.</b></p> <p><b>Also, for Floor Height above 650mm Wheelchair is not required. Kindly delete the wheelchair requirement</b></p>	TENDER CONDITION PREVAILS
43.	<p>Page 14 &amp; 18- Sl.No.7 TECHNICAL SPECIFICATION Category I -E-Bus With-out AC - 4 Nos</p>	<p>7. Lighting and other fitments: LED Head Lamps and plush interior LED lighting, Camera, with provision of wif-fi.</p>	<p>7. Lighting and other fitments: LED/<b>Halogen</b> Head Lamps and plush interior LED lighting, Camera, with provision of wif-fi.</p>	TENDER CONDITION PREVAILS
44.	<p>Page 14 &amp; 18- Sl.No.9 TECHNICAL SPECIFICATION Category I -E-Bus With-out AC - 4 Nos</p>	<p>9. Battery Type: Lithium Ion battery (not less than 240kWhr)</p>	<p>9. Battery Type: Lithium Ion battery (not less than <b>240 180</b> kWhr)</p>	TENDER CONDITION PREVAILS

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
45.	Page 14 & 18- Sl.No.10 TECHNICAL SPECIFICATION Category I -E-Bus With-out AC - 4 Nos	10. Range: Not less than 250 kms with single charge	10. Range: Not less than <b>160</b> kms with single charge	TENDER CONDITION PREVAILS
46.	Page 14 & 18- Sl.No.12 TECHNICAL SPECIFICATION Category I -E-Bus With-out AC - 4 Nos	12. Training for drivers: To be provided by OEM to IITM drivers at free of cost prior to commissioning.	Kindly provide us the following: No. of Drivers to be trained for No. of days of training	Clarified that training for 5 drivers for a period of 1 week
47.	Page 14 & 18- Sl.No.6 TECHNICAL SPECIFICATION Category II -E-Bus With AC - 1 No	6. Number of seats and doors: the seat layout, specification and door layout will be jointly finalized after order issue. Design should be wheel chair operation compatible.	<b>Kindly request you to mention the No. of seats required, type of seats, No. of doors, Door Dimensions, etc.</b>  <b>Also, for Floor Height above 650mm Wheelchair is not required. Kindly delete the wheelchair requirement</b>	TENDER CONDITION PREVAILS
48.	Page 14 & 18- Sl.No.7 TECHNICAL SPECIFICATION Category II -E-Bus With AC - 1 No	7. Lighting and other fitments: LED Head Lamps and plush interior LED lighting, Camera, with provision of wif-fi.	7. Lighting and other fitments: LED/ <b>Halogen</b> Head Lamps and plush interior LED lighting, Camera, with provision of wif-fi.	TENDER CONDITION PREVAILS
49.	Page 14 & 18- Sl.No.9 TECHNICAL SPECIFICATION Category II -E-Bus With AC - 1 No	9. Battery Type: Lithium Ion battery (not less than 340kWhr)	9. Battery Type: Lithium Ion battery (not less than <del>340</del> <b>230</b> kWhr)	TENDER CONDITION PREVAILS
50.	Page 14 & 18- Sl.No.10 TECHNICAL SPECIFICATION Category II -E-Bus With AC - 1 No	10. Range: Not less than 250 kms with single charge	10. Range: Not less than <b>160</b> kms with single charge	TENDER CONDITION PREVAILS
51.	<b>BoQ</b>		Kindly provide the revised BoQ Sheet with inclusion of a row for Labour Charges during Warranty period	NO CHANGE IN BOQ



Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
52.			Tamilnadu Government has announced EV Policy. Kindly request IITM to apply and avail the EV Policy	<b>NOT APPLICABLE</b>
53.	page 6 clause 5	The firm must have a cumulative financial Turnover of Rs.1500 Crores in the last three years i.e. 2019-20, 2020-21 and 2021-22. The OEM / re-seller can use the financials of Parent/Subsidiary Company (financial statements/certificates issued by Chartered Accountant should be submitted as a proof).	The firm must have a cumulative financial Turnover of Rs.500 Crores in the last three years i.e. 2019-20, 2020-21 and 2021-22. The OEM can use the financials of Parent/Subsidiary Company (financial statements/certificates issued by Chartered Accountant should be submitted as a proof).	TENDER CONDITION PREVAILS
54.	page 6 clause 6	The bidder should have operated / supplied atleast 100 E-Buses in India to Central Government / Central PSU / Central Autonomous / reputed firms. (Proof for operation and maintenance should be submitted)	MSEs/Start-ups to be permitted to participate. This shall encourage more bidders to come forth in the EV business and therefore we request, that MSEs that offer new and improved technology and services. We can provide the copies of LOA/LOI recieved from the state transport Authorities.	Considering the request and recommended to exempt the EMD payment only for MSE's but based on the public safety aspects, the Committee not relaxed the condition of prior experience and prior turnover as per O.M. issued by Dept. of Expenditure No .F .20 12 fi20 1 4-PPD (Pt.) dt: 20.09.2016.
55.	page 12 CAMC clause 5	In case of failures /damages of any kind, it should be repaired/replaced free of cost as part of this CAMC. The CAMC will include all expenses, including the cost of labour material, parts, consumables and replacement due to wear & tear items and there shall be no compensation payable to the OEM on any account other than the CAMS for the period of CAMC validity. In the case of Insurance based-compensation towards parts and vehicles on account of accidents or flooding or fires the compensation that is obtained for these instances where Insurance	(i) Any Damages are difficult to cover under CAMC (as accident/damages can not be predicted and their repair cost will vary from case to case basis). (ii) HV Battery and tyres will not be the part of CAMC	TENDER CONDITION PREVAILS

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
		compensation is applicable, shall be transferred to the OEM within 15 days of receipt of the payment from the Insurance firm. For selecting the insurance firm, OEM to provide at least 3 Insurance firms that are acceptable to it and the OEM shall carry out all liaison for such Insurance claims. IITM will be responsible for the placement of Insurance policy with one of the parties agreeable to the OEM with due tender processes and for the payment of such claims within 15 days of receipt from the Insurance company..The repair work has to be carried out by OEM / re-seller in case of failures / damages on account of accidents, thefts and other damages on account of flooding immediately and the payment may be claimed through insurance.		
	page 14 TECHNICAL SPECIFICATION:	<b>Category I -E-Bus With-out AC - 4 Nos</b>		
56.	point 4	Floor Height - Atmost 900 mm or less preferred	We can offer 650mm floor height	TENDER CONDITION PREVAILS
57.	point 6	Number of seats and door - the seat layout, specification and door layout will be jointly finalized after order issue. Design should be wheel chair operation compatible.	With 650mm floor height we can offer wheelchair ramp.	TENDER CONDITION PREVAILS
58.	point 9	Battery Type - Lithium Ion battery (not less than240kWhr)	We request it should be as per OEM design meeting all other performance requirements.	TENDER CONDITION PREVAILS
59.	point 11	Homologation - College application	M3, Type - I	TENDER CONDITION PREVAILS

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
	page 14 TECHNICAL SPECIFICATION:	<b>Category II -E-Bus With AC - 1 No:</b>		
60.	point 4	Floor Height - Atmost 900 mm or less preferred	We can offer 650mm floor height	TENDER CONDITION PREVAILS
61.	point 6	Number of seats and doors - the seat layout, specification and door layout will be jointly finalized after order issue. Design should be wheel chair With 650mm floor height we can offer wheelchair ramp. operation compatible.	With 650mm floor height we can offer wheelchair ramp.	TENDER CONDITION PREVAILS
62.	point 9	Battery Type - Lithium Ion battery (not less than 340kWhr ).	We request it should be as per OEM design meeting all other performance requirements	TENDER CONDITION PREVAILS
63.	point 11	Homologation - College application	M3, Type - I	TENDER CONDITION PREVAILS
64.	Additional deatils-		Kindly provide details for Charging Infrastructure and it's Cost of development (IITM will cover the cost).	Clarified that Space and Electrical power for charger will be provided by IIT Madras
65.	Additional deatils-		Kindly Provide time and space for opportunity charging 15-20 minutes. we need to review the bus schedule considering the scope of opportunity charging time.	NOT APPLICABLE
66.	Speical Clause		Requesting authority to add MSEs (Micro & Small Enterprises) benefits as per GOI & Maharashtra Gov. guidelines i.e. Relaxation to MSEs for technical Capacity, Financial Capacity, Exemption in EMD etc.	As per tender MSE's are eligible for EMD exemption except relaxation of prior experience and prior turnover for public safety aspects as per O.M. issued by Dept. of Expenditure No .F .20 12 fi20 1 4-PPD (Pt.) dt: 20.09.2016.

Sd/-  
Assistant Registrar (S&P)