

MINUTES OF THE PRE-BID MEETING FOR “SUPPLY OF E-BUS WITH AC AND WITHOUT-AC FOR STUDENT COMMUNITY AT IIT MADRAS” ON 04.07.2023 AT 03.00 P.M. THROUGH GOOGLE MEET
Ref: IITM/SPS/E-Bus/008/2023-24/SPL

Tender was re-floated on 28.06.2023 for “SUPPLY OF E-BUS WITH AC AND WITHOUT-AC FOR STUDENT COMMUNITY AT IIT MADRAS”. The pre-bid meeting was held on 04.07.2023 (TUESDAY) at 3.00 pm through Google Meet.

The representative of the following 4 firms have participated in the pre-bid meeting, namely:

1. Mr. Cyril Sebast and Mr. Munish Katoch, **M/s. Tata Motors**
2. Mr. Rajesh Sharma, **M/s. Switch Mobility Automotive Limited**
3. Mr. Datta Gawande and Ms. Nisha Gakhre, **M/s. Pinnacle Mobility Solutions**
4. Mr. MS Krishnan, Ms. Mirza Abrar, Ms. Dharini Nagarajan and Ms. Jyothsna Reddy, **M/s. VE Commercials**

During the pre-bid meeting, the Committee members discussed and clarified the queries raised by prospective bidders are tabulated below:

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
1.	Page 5 clause 6 - Stage wise Payment will be made	I Stage: 10% in advance after acceptance of purchase order. II Stage: 10% of the total value after supply and completion of 5 full working day trial run of 1 bus with 1 charger. III Stage: 70% of the total value within 45 days of delivery of all vehicles, equipment and facilities, inspection and approval as per agreed specification. IV Stage: 10% of the total value within 45 days of successful commissioning and operations of 5 buses.	Request authority to release payment as below: 30% mobilization advance and 70% at the time of supply of buses.	Accepted and recommended for issuing Corrigendum Pg. No. Stage wise Payment will be made: <ul style="list-style-type: none"> • I Stage: 30% in advance after acceptance of purchase order against Bank Guarantee for Purchase Order amount. • II Stage: 50 % payment after supply of 5 E-Buses • III Stage: Remaining 20 % after successful completion of commissioning and operation of E-Buses.

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2.	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
3.	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.
4.	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 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	Request authority to reduce LD charged as 2% of contract value. Requesting authority to remove requirement to submit proof of delay due to force majeure.	FOR LD CHARGES, TENDER CONDITION PREVAILS. Recommended for issuing Corrigendum by mentioning the Force Majeure Clause. 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, its 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

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		<p>the Institute and Force Majeure. The selected Bidders 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>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.</p> <p>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.</p>
5.	<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.</p> <ol style="list-style-type: none"> 1. Single bidder - OEM/Associate of OEM/Operating Subsidiary of OEM 2. Operating Subsidiary of OEM can take eligibility credentials (Technical & Financial, others if any) from its subsidiary Company to participate in this tender. 3. Operating Subsidiary Company of OEM should be exempted from operational experience 	<p>TENDER CONDITION PREVAILS.</p>
6.	<p>Page 6, 13, 17 - Sl.No.7 Bidder Eligibility Criteria-II</p>	<p>The bidder should have local service centers in Chennai / within the range of 200 Kms. from IIT Madras Campus. (Proof to be attached)</p>	<p>Requesting authority to modify as below.</p> <ol style="list-style-type: none"> 1. Bidder shall provide AMC services at the IIT Campus. 2. 200 Kms with 60 mins opportunity Charging 	<p>TENDER CONDITION PREVAILS.</p>

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
7.	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.
8.	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
9.	Page 12 -Sl.No.14 Special Terms and Conditions:	The delivery period includes the time for preparing the drawings, getting necessary approval from IIT Madras.	Requesting authority to clarify the Delivery Period	Accepted and recommended for issuing Corrigendum सुपुर्दगी / Delivery: Items should be delivered within 4 months and extendable upto 6 months with penalty of 5% of purchase order value for the extended period 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.
10.	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.
11.	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
12.	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

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				for statutory compliances (MVI FC renewal /RTO passing)
13.	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 paid in advance against proforma invoice on Quarterly basis.	Rectification shall be based upon the fault or accident situation & Insurance recovery. Request authority to accept.	TENDER CONDITION PREVAILS.
14.	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 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.
15.	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 CAMC 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.

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16.	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.
17.	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.
18.	Page 14 & 18-Sl.No.9b TECHNICAL SPECIFICATION Category I -E-Bus With-out AC - 4 Nos	Charging time Not more than 60 Mins	Requesting authority to amend the charging time "2-2.5 hrs"	Accepted and recommended for issuing Corrigendum for Charging time: Not more than 120 mins. instead of 60 mins
19.	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.
20.	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.
21.	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
22.	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.

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
23.	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
24.	Page 14 & 18-Sl.No.9 TECHNICAL SPECIFICATION Category II -E-Bus With AC –1 No	9. Battery Type Lithium Ion battery (not less than240kWhr)	Requesting authority to amendwith Battery capacity "Min 200Kwhr".	TENDER CONDITION PREVAILS
25.	Page 14 & 18-Sl.No.9b TECHNICAL SPECIFICATION Category II -E-Bus With AC –1 No	Charging time Not more than 60 Mins	Requesting authority to amendthe charging time "2-2.5 hrs"	Accepted and recommended for issuing Corrigendum for Charging time: Not more than 120 mins. instead of 60 mins.
26.	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
27.	Page 14 & 18-Sl.No.11 TECHNICAL SPECIFICATION Category II -E-Bus With AC –1 No	Homologation College application	Request authority to clarify theexact College application requirement. Or Please amend the Type Bus "TypeI"	TENDER CONDITION PREVAILS
28.	Page 14 & 18-Sl.No.16 Warranty – E-Bus and charger	1 Year of standard warranty shouldbe 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
29.	Page 14 & 18-Sl.No.7 TECHNICAL SPECIFICATION Lighting and other fitments	LED Head Lamps and plush interior LED lighting, Camera, with provisionof wif-fi.	Will provide bulb type headlampsLed lamps inside	TENDER CONDITION PREVAILS

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
30.	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
31.	Page 14 & 18-Sl.No.13 TECHNICAL SPECIFICATION Category II -E-Bus With AC -1 No.	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
32.	Page 14 & 18-Sl.No.16 TECHNICAL SPECIFICATION Category II -E-Bus With AC -1 No.	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 warrantyfor 1 yrs as per OEM Std"	TENDER CONDITION PREVAILS.
33.	Page 14 & 18-Sl.No.17 TECHNICAL SPECIFICATION Category II -E-Bus With AC -1 No.	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
34.	Page 14 & 18-Sl.No.9 II. ELIGIBILITY CRITERIA - II Point no 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).	Experience of 250 nos is huge for arequirement of only 5 units. Request authority to accept 100 nos to be delivered in last 2 years.	Accepted and recommended for issuing Corrigendum The bidder should have manufactured and delivered within India at least 100 Nos. instead of 250 nos. of E-Buses in last 2 years, as on the due date of tender. (A copy of Purchase orders to be attached).
35.	Page 25 ANNEXURE - H DECLARATION BY THE BIDDER	That E-buses supplied by our firm has not met with fire especially dueto 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

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36.	Request for additional Clause		Request authority to clarify on below points 1. Payment Security Mechanism 2. Leasing Agreement 3. Escrow Agreement - 3 months estimated Fee as a deposit 4. Sub-contracting of all tasks will be allowed	NOT APPLICABLE
37.	Revision of Fee		Request authority to specify upward/downward revision formulae of AMC rates	NO CHANGE
38.	Page 6 of Clause 6	<p>Stage wise Payment will be made:</p> <p>I Stage: 10% in advance after acceptance of purchase order.</p> <p>II Stage: 10% of the total value after supply and completion of 5 full working day trial run of 1 bus with 1 charger.</p> <p>III Stage: 70% of the total value within 45 days of delivery of all vehicles, equipment and facilities, inspection and approval as per agreed specification.</p> <p>IV Stage: 10% of the total value within 45 days of successful commissioning and operations of 5 buses.</p>	<p>Stage wise Payment will be made:</p> <p>I Stage: 20% in advance after acceptance of purchase order.</p> <p>II Stage: 80% of the total value within 45 days of delivery of all vehicles, equipment and facilities, inspection and approval as per agreed specification.</p>	<p>Accepted and recommended for issuing Corrigendum</p> <p>Stage wise Payment will be made:</p> <ul style="list-style-type: none"> I Stage: 30% in advance after acceptance of purchase order against Bank Guarantee for Purchase order amount. II Stage: 50 % payment after supply of 5 E-Buses III Stage: Remaining 20 % after successful completion of commissioning and operation of E-Buses.
39.	Page 6 of Clause 8 Delivery	Items should be delivered within 3 Months 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.	Items should be delivered within 3 6 Months 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>Accepted and recommendations for issuing Corrigendum for the following:</p> <p>सुपुर्दगी / Delivery:</p> <p>Items should be delivered within 4 months and extendable upto 6 months with penalty of 5% of</p>

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				purchase order value for the extended period 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.
40.	Page 6 of 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 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.	Kindly request you to provide us the following: i) Rate of Liquidated Damages on per week basis ii) What is the amount of penalty that will be imposed on the Successful Bidder	TENDER CONDITION PREVAILS Recommended for issuing Corrigendum by mentioning the Force Majeure Clause. 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

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				reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
41.	Page 6, 13, 17 - Sl.No.3 PRE-QUALIFICATION CRITERIA	Certification from the Automotive Research Association of India (ARAI) as per Central Motor Vehicle Rule (CMVR) necessary document proof should be provided.	Kindly request you to consider any one 9m Electric Bus Certification along with the bid with an undertaking to submit the offered model certification at the time of delivery of buses.	Agreed and recommended for issuing Corrigendum for 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.
42.	Page 6, 13, 17 - Sl.No.6 PRE-QUALIFICATION CRITERIA	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)	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)	Accepted and recommended for issuing Corrigendum by including State Transport Undertakings 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)
43.	PRE-QUALIFICATION CRITERIA	Clause to be added:	Price Preference to be given to the buses manufactured in Tamilnadu.	TENDER CONDITION PREVAILS
44.	Page 12 -Sl.No.2 Annexure A	Special Terms and Conditions: The space for trial run installation and commissioning will be arranged by IIT Madras.	Kindly request you to provide the required Power Connection for Charging of buses during trials	TENDER CONDITION PREVAILS
45.	Page 12 -Sl.No.4 Annexure A	Special Terms and Conditions: 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.	Kindly request you to provide the following: i) all Civil Infrastructure Maintenance Bays, Service Pits, Parking space, sheds, etc. ii) all Electrical Infrastructure like Power Connection, Transformer, LT Panel, RMU, etc	Accepted. Power supply and Space will be provided by IIT Madras

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46.	Page 12 -Sl.No.14 Annexure A	The delivery period includes the time for preparing the drawings, getting necessary approval from IIT Madras.	Kindly request you to consider delivery timelines from the date of Proto type vehicle approval	Accepted and recommended for issuing Corrigendum सुपुर्दगी / Delivery: Items should be delivered within 4 months and extendable upto 6 months with penalty of 5% of purchase order value for the extended period 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.
47.	Page 12 -Sl.No.21 Annexure A	The permanent and temporary registration for the vehicle needs to be carried out by the OEM/re-seller. IITM will provide the necessary documents.	The charges towards Temporary and Permanent Registrations shall be borne by IITM.	Payment will be done by IIT Madras for permanent and temporary registration
48.	Page 12 -Sl.No.22 Annexure A	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.	Kindly request you to consider the Labour cost during Warranty period.	TENDER CONDITION PREVAILS
49.	Page 12 -Sl.No.24 Annexure A	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.	Kindly request you to consider Battery Capacity as Minimum 189kWh for both AC and Non-AC Buses	TENDER CONDITION PREVAILS.
50.	Page 12 -Sl.No.1 Comprehensive Annual Maintenance Contract (CAMC)	The CAMC scope covers the entire vehicle (Bumper to Bumper) including battery and charger.	Kindly provide us the Monthly/Annual Assured Kilometers during the CAMC period. Also request you to clarify the following: i) Scope of Charging of Buses ii) Scope of Electricity Charges towards Maintenance iii) Scope of Operations i.e., Driver	Clarified that the Monthly/Annual Assured Kilometers during the CAMC period is 160 kms per day Under the scope of IIT Madras

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51.	Page 12 -Sl.No.5 Comprehensive Annual Maintenance Contract (CAMC)	<p>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.</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>	Any shortfall of payment from Insurance Company shall be paid by IITM	Clarified that shortfall of payment from Insurance Company will be made by IIT Madras
52.	Page 14 & 18- Sl.No.6 TECHNICAL SPECIFICATION Category I -E-Bus With-out AC - 4 Nos	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.	Kindly request you to mention the No. of seats required, type of seats, No. of doors, Door Dimensions, etc. Also, for Floor Height above 650mm Wheelchair is not required. Kindly delete the wheelchair requirement	TENDER CONDITION PREVAILS
53.	Page 14 & 18- Sl.No.7 TECHNICAL SPECIFICATION Category I -E-Bus With-out AC - 4 Nos	Lighting and other fitments: LED Head Lamps and plush interior LED lighting, Camera, with provision of wif-fi.	7. Lighting and other fitments: LED/Halogen Head Lamps and plush interior LED lighting, Camera, with provision of wif-fi.	TENDER CONDITION PREVAILS

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
54.	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)	9. Battery Type: Lithium Ion battery (not less than 240 180 kWhr)	TENDER CONDITION PREVAILS
55.	Page 14 & 18-Sl.No.9a. TECHNICAL SPECIFICATION Category I -E-Bus With-out AC - 4 Nos	Charger: Dual gun charger need to be provided 1 No. for every two bus.	9a. Charger: Dual gun charger will be provided for every 2 buses but Buses will have only one Single Port for Charging.	Recommended for issuing Corrigendum for dual gun charger will have 2ports. One port will be provided for each bus
56.	Page 14 & 18-Sl.No.9b. TECHNICAL SPECIFICATION Category I -E-Bus With-out AC - 4 Nos	Charging time: Not more than 60 Mins	9b. Charging time: Not more than 90 Mins	Accepted and recommended for issuing Corrigendum for Charging time: Not more than 120 mins. instead of 60 mins
57.	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	10. Range: Not less than 160 kms with single charge	TENDER CONDITION PREVAILS
58.	Page 14 & 18-Sl.No.12 TECHNICAL SPECIFICATION Category I -E-Bus With-out AC - 4 Nos	Training for drivers: To be provided by OEM to IITM drivers at free of cost prior to commissioning.	Kindly provide us the following: i) No. of Drivers to be trained for ii) No. of days of training	Clarified that training for 5 drivers for a period of 1 week
59.	Page 14 & 18-Sl.No.15 TECHNICAL SPECIFICATION Category I -E-Bus With-out AC - 4 Nos	Tool Box, Jack and Spare Tyre. will be provided in the bus at a suitable location: Minimum of 1 no. need to be provided	Kindly request you to consider Spare wheel in the Service Location	Agreed and recommended for issuing corrigendum for Spare wheel
60.	Page 14 & 18-Sl.No.6 TECHNICAL SPECIFICATION Category II -E-Bus With AC - 1 No	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.	Kindly request you to mention the No. of seats required, type of seats, No. of doors, Door Dimensions, etc. Also, for Floor Height above 650mm Wheelchair is not required. Kindly delete the wheelchair requirement	TENDER CONDITION PREVAILS

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
61.	Page 14 & 18-Sl.No.7 TECHNICAL SPECIFICATION Category II -E-Bus With AC – 1 No	Lighting and other fitments: LED Head Lamps and plush interior LED lighting, Camera, with provision of wif-fi.	Lighting and other fitments: LED/Halogen Head Lamps and plush interior LED lighting, Camera, with provision of wif-fi.	TENDER CONDITION PREVAILS
62.	Page 14 & 18-Sl.No.9 TECHNICAL SPECIFICATION Category II -E-Bus With AC – 1 No	Battery Type: Lithium Ion battery (not less than 340kWhr)	9. Battery Type: Lithium Ion battery (not less than 340 230 kWhr)	TENDER CONDITION PREVAILS
63.	Page 14 & 18-Sl.No.9b. TECHNICAL SPECIFICATION Category II -E-Bus With AC – 1 No	Charging time: Not more than 60 Mins	9b. Charging time: Not more than 120 Mins	Accepted and recommended for issuing Corrigendum for Charging time: Not more than 120 mins. instead of 60 mins
64.	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	10. Range: Not less than 160 kms with single charge	TENDER CONDITION PREVAILS
65.	Page 14 & 18-Sl.No.15 TECHNICAL SPECIFICATION Category II -E-Bus With AC – 1 No	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	Kindly request you to consider Spare wheel in the Service Location	Agreed and recommended for issuing corrigendum for Spare wheel
66.	BoQ		Kindly provide the revised BoQ Sheet with inclusion of a row for Labour Charges during Warranty period	NO CHANGE IN BOQ
67.			Tamilnadu Government has announced EV Policy. Kindly request IITM to apply and avail the EV Policy	NOT APPLICABLE
68.	page 6 clause 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).	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 received from the state	Considering the request and recommended for issuing Corrigendum The bidder should have manufactured and delivered within India at least 100 Nos. instead of 250 nos. of E-Buses in last 2 years, as on the due date of tender. (A copy of Purchase orders to be

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
			transport Authorities.	attached). The committee 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.
69.	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
70.	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.
71.	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	(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
		<p>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..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>		
	<p>page 14 TECHNICAL SPECIFICATION:</p>	<p>Category I -E-Bus With-out AC - 4 Nos</p>		
72.	point 4	Floor Height - Atmost 900 mm or less preferred	We can offer 650mm floor height	TENDER CONDITION PREVAILS
73.	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
74.	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
75.	point 9b	Charging time - Not more than 60 Mins .	We can offer 90 mins. Charging time	Accepted and recommended for issuing Corrigendum for Charging time: Not more than 120 mins. instead of 60 mins

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
76.	point 11	Homologation - College application	M3, Type - I	TENDER CONDITION PREVAILS
	page 14 TECHNICAL SPECIFICATION:	Category II -E-Bus With AC - 1 No:		
77.	point 4	Floor Height - Atmost 900 mm or less preferred	We can offer 650mm floor height	TENDER CONDITION PREVAILS
78.	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
79.	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
80.	point 9b	Charging time -Not more than 60 Mins	We can offer 90 mins. Charging time.	Accepted and recommended for issuing Corrigendum for Charging time: Not more than 120 mins. instead of 60 mins
81.	point 11	Homologation - College application	M3, Type - I	TENDER CONDITION PREVAILS
82.	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
83.	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 ACCEPTABLE

Sl.No.	Description	Tender Condition	Queries by the Bidders	Clarified / Recommended by the Committee
84.	Special 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.
85.	Page 1 & 10 of 12	Extension of Due date, bid submission start date	<ul style="list-style-type: none"> • Bid submission Start Date: 12.07.2023 @ 09.00 a.m. • Last Date and Time for Uploading of Bids: 25.07.2023 @ 02.00 p.m. • Date and Time of Tender Opening: 26.07.2023 @ 3.00 p.m. 	<ul style="list-style-type: none"> • 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.

In view of the above, the Committee has recommended for issuing Corrigendum only for Sl. No.1,4,9,25,34,38, 39,40,41,42,46,55,56,59,63,65,68,75,80 and 85.

Sd/-
The Chairman
Tender Committee