

MINUTES OF THE PRE-BID MEETING FOR “SUPPLY OF E-BUS WITH AC AND WITHOUT-AC FOR STUDENT COMMUNITY AT IIT MADRAS” HELD ON 15.02.2023 (Monday) AT 04.00 p.m. THROUGH GOOGLE MEET

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

An open tender was floated on 09.02.2023 for “**SUPPLY OF E-BUS WITH AC AND WITHOUT-AC FOR STUDENT COMMUNITY AT IIT MADRAS**” with a due date of 02.03.2023. The pre-bid meeting was held on **15.02.2023 (Wednesday) at 04.00 p.m.** via Google Meet.

The representatives from the following four firms who have participated in the pre-bid meeting, namely

- | | | |
|--------------------------|---|------------------------------|
| 1. Mr. Mohan | } | M/s Ashok Leyland |
| 2. Mr. Sundaresan | | |
| 3. Mr. Saravana Kumar | | |
| 4. Mr. Srinivas, | | M/s Switch Mobility |
| 5. Mr. Vijay Reddy | | M/s Olectra Geentech Limited |
| 6. M/s Sabyasachi Parida | | |

The Chairman welcomed the Committee members and the above four firm’s representatives.

During the pre-bid meeting, the queries raised /clarifications sought by the prospective bidders and the response of the Tender Committee is summarized below:

Sl. No.	Name of the Firm	Tender Conditions & Clause	Queries raised/information sought by the bidders	Committee Recommendation
	I.M/s Ashok Leyland			
1.		Earnest Money Deposit (EMD) EMD of INR 20,00,000/- (Rupees Twenty Lakhs only) should be transferred through NEFT/RTGS to the following bank account on or before due date 02.03.2023 before 02:00 p.m.	1. Request that EMD be accepted in form of Bank Guarantee for the bid validity period instead of NEFT/RTGS	TENDER CONDITION PREVAILS.
2.		<p>I Stage: 10% in advance of the total value excluding CAMC value after acceptance of purchase order against Performance Bank Guarantee.</p> <p>II Stage: 10% of the total value excluding CAMC 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 excluding CAMC value within 45 days of delivery of all vehicles, equipment and facilities, inspection and approval as per agreed specification required for CAMC.</p> <p>IV Stage: 10% of the total value excluding CAMC value Within 45 days of successful commissioning and operations of 5 buses.</p> <p>Comprehensive Annual Maintenance Contract (CAMC):</p>	<p>2. Request following amendments for better cash flow management considering that the value of the assets is very high.</p> <p>I Stage: 10% 25% in advance of the total value excluding CAMC value within 10 working days, after acceptance of purchase order against Performance Bank Guarantee.</p> <p>II Stage: 10% 45% of the total value excluding CAMC value after supply and completion of 5 full working day trial run of 1 bus with 1 charger.</p> <p>III Stage: 10% 20% of the total value excluding CAMC value within 45 15 days of delivery of all vehicles, equipment and facilities, inspection and approval as per</p>	TENDER CONDITION PREVAILS.

	Half yearly payment in advance after successful commissioning and operations and invoice for each payment should be raised by the supplier.	agreed specification required for CAMC. IV Stage: 10% of the total value excluding CAMC value Within 45 30 days of successful commissioning and operations of 5 buses.	
3.	In Terms & Conditions Sl. No. 10, Page No. 6, 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 18 months from the date of placement of PO.	3. Requested to change the time period for repeat order from 18 months to 4 months	CORRIGENDUM TO BE ISSUED for additional e-buses within a period of 4 months from the date of issue of Purchase order instead of 18 months from the date of placement of PO.
4.	Terms & Conditions Sl. No 16, Page No. 6 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.	4. Request that the penalty for any late delivery be capped to Maximum 0.5 % of invoice value considering the very high capex cost involved.	TENDER CONDITION PREVAILS.
5.	Terms & Conditions Clause 19, Bidder Eligibility Criteria-II, S.No. 6, Page No. 7	5. The bidder (or) its subsidiary 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 Copies of the documents listed below	TENDER CONDITION PREVAILS.

		<p>should be submitted as a proof for the above supply:</p> <p>a) Purchase Orders</p> <p>b) Performance certificate. The past performance of the bidder will be verified with the previous customers whenever required.</p>	
6.	<p>Annexure - A Scope of Work, Page No. 12</p> <p>Ease of accessibility to persons with disabilities with suitable mechanisms (with wheel chair access)</p>	<p>6.Request authority to clarify on requirement of wheel chair access since buses will be offered with 900mm floor height or (Entry + 2 steps) in line with tender specifications wherein wheel chair entry access cannot be provided with manual ramps. In case wheel chair access is required, a separate wheel chair lift mechanism has to be constructed within wheel base which will have impact on seating capacity (Min. 4 seats will be lost) and equivalent standee space.</p>	TENDER CONDITION PREVAILS.
7.	<p>Annexure - A ,CAMC Clause 1 , Page 13</p> <p>CAMC Period for 10 years from the date of completion of commissioning as per clause #3 above. The bidder should quote the CAMC rate only for the repairs and replacement of spares by excluding the Maintenance/Service for the warranty period and the actual CAMC rate should be quoted for 6th year onwards.</p>	<p>7.a. Request that CAMC Period be limited to 08 Years instead of 10 years considering the fast pace of technology changes in this field.</p> <p>b. The bidder should quote the CAMC rate only for the repairs and replacement of spares by excluding the Maintenance/Service for the warranty period and the actual CAMC rate should be quoted for 6th year onwards.</p> <p>C. Request more clarity on CAMC scope. Warranty period as per Clause 5, Page 5 is for one year, but CAMC is to be quoted from 6th year onwards.</p>	<p>CORRIGENDUM TO BE ISSUED with CAMC Period for 10 years from the date of completion of commissioning as per clause #3 above. The bidder should quote the CAMC rate only for the repairs and replacement of spares by excluding the Maintenance/Service for the warranty period and the actual CAMC rate should be quoted from the end of the warranty period till the 10th year from the date of commissioning. Any fault or damage during the commissioning should be rectified at no cost by the supplier. The bidder is required to explicitly quote the CAMC rate during the warranty period and after it.</p>

<p>8.</p>	<p>Annexure-A, Comprehensive Annual Maintenance Contract (CAMC), under Clause 6 of page No. 13.</p> <p>During the warranty period and the CAMC period, all spare parts are to be replaced by OEM or authorised supplier of OEM, in case of failures /damages of any kind, free of cost as part of this CAMC. No other payment will be made towards insurance, damage, repair or replacement of parts- all are included in this comprehensive AMC.</p>	<p>d. CAMC is for repairs and replacement of spares only for scheduled / preventive maintenance and break-downs. Accidents, thefts and other damages will not be covered in CAMC.</p> <p>e. We recommend that CAMC scope be limited only to EV aggregates such as battery, motors etc., and not include conventional aggregates such as suspension, frame, axles, bus body etc., Repairs and replacement of spares during.,</p> <p>8.Failures / damages on account of accidents, thefts and other damages on account of flooding, road conditions etc., are not in scope of supplier will not be covered in CAMC and to be explicitly removed from scope of bidder.</p>	<p>Corrigendum to be issued that CAMC will include all expenses, including the cost of labour, material, parts, consumables and wear & tear items and there shall be no compensation arranged to the OEM on any account for the period of CAMC validity except 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 party- and the OEM is requested to provide at least 3 Insurance parties that are acceptable to it and the OEM also agrees to 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>Failures / damages on account of accidents, thefts and other damages on account of flooding, road conditions etc. – insurance charges will be borne by IIT Madras (scope of IITM) and IIT Madras will allow a locked area for keeping the spares.</p> <p>The committee reiterates that the CAMC scope covers the entire vehicle (bumper to Bumper).</p>
-----------	---	--	---

9.	<p>Annexure - A ,CAMC Clause 6 , Page 13</p> <p>The cost of the CAMC during the warranty period should only include the maintenance charges since the spares will be provided under the warranty during this period. The parts that will be replaced free of cost under warranty and CAMC period and those that will not be covered under this, should be clearly indicated.</p>	<p>9. Needs discussion. CAMC includes scheduled maintenance and preventive maintenance which also covers consumables for wear and tear items. Warranty is provided only to cover defects in manufacturing, design etc., and does not determine life of wear and tear items. CAMC to be mutually excluded from warranty for incorrect interpretation and potential future arbitrations.</p>	<p>Corrigendum to be issued that CAMC will include all expenses, including the cost of labour, material, parts, consumables and wear & tear items and there shall be no compensation arranged to the OEM on any account for the period of CAMC validity except 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 party- and the OEM is requested to provide at least 3 Insurance parties that are acceptable to it and the OEM also agrees to 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>
10.	<p>Technical Specification in Annexure – A for Item No. I & II(with AC 1 No. & without AC 4 Nos.) under Sl. No. 10 of page No. 15 of 23</p>	<p>For 4 Nos. with A/C 150kW is obsolete with 12.5KW power module. We can offer dual gun chargers of 30kW power module with 120 kW (or) 180 kW rating.</p> <p>For 1 No. AC 150kW is obsolete with 12.5KW power module. We can offer dual gun chargers of 30kW power module with 120 kW (or) 180 kW rating.</p>	<p>CORRIGENDUM TO BE ISSUED for two units of dual gun charger with atleast 170 kW + 170 kW rating (both A/c and non-A/c).</p>
<p>II. M/s Switch Mobility</p>			

11	Page No. 15 of 23 & 18 of 23 in Annexure-A&B of Sl. No. 12 under Technical Specification.	1. Purpose of procurement of E-Bus	For college use.
12	In Sl. No. 2, under Bidder Eligibility Criteria II of Page No. 7 of 23, "The bidder should be an OEM or authorized supplier of OEM. Necessary OEM certificate / OEM authorization letter for this particular tender should be submitted by the bidder as given in Annexure-G. "	2. Requested you to allow for claiming the Financial credentials of our Subsidiary Company	TENDER CONDITION PREVAILS.
13		3. Requested 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	As per the terms and conditions of tender.
14	As per the tender condition of Annexure-A, CAMC clause I, Page No. 13, we may issue corrigendum for Sl. No. 7 of Page 13. During the warranty period and the CAMC period, all spare parts are to be replaced by OEM or authorised supplier of OEM, in case of failures /damages of any kind, free of cost as part of this CAMC. No other payment will be made towards insurance, damage, repair or replacement of parts- all are included in this comprehensive AMC.	4. Requested to clarify the following: i) Warranty Period ii) Detailed Scope of CAMC iii) Scope for Provision of Power, Maintenance Bay, Inspection Pit, Storage space for spares, etc. Also, request you to consider CAMC from 1 st year onwards	CORRIGENDUM TO BE ISSUED with CAMC Period for 10 years from the date of completion of commissioning as per clause #3 above. The bidder should quote the CAMC rate only for the repairs and replacement of spares by excluding the Maintenance/Service for the warranty period and the actual CAMC rate should be quoted from the end of the warranty period till the 10 th year from the date of commissioning. Any fault or damage during the commissioning should be rectified at no cost by the supplier. The bidder is required to explicitly quote the CAMC rate during the warranty period and after it. Corrigendum to be issued that CAMC will include all expenses, including the cost of labour, material, parts, consumables and wear & tear items and there shall be no compensation arranged to the OEM on any account for the period of CAMC validity except in the case of Insurance based-compensation towards parts and vehicles on account of accidents or

			<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 party- and the OEM is requested to provide at least 3 Insurance parties that are acceptable to it and the OEM also agrees to 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>Failures / damages on account of accidents, thefts and other damages on account of flooding, road conditions etc. – insurance charges will borne by IIT Madras (scope of IITM) and IIT Madras will allow a locked area for keeping the spares.</p> <p>The committee reiterates that the CAMC scope covers the entire vehicle (bumper to Bumper).</p>
15	Technical Specification, Item No. I & II of Page No. 15 of 23.	<p>5. Requested you to consider the Length of E-Buses up to 9.4m</p> <p>6. Requested you to consider the Width of E-Buses up to 2600mm</p> <p>7. Requested you to allow NMC Battery Type</p> <p>8. Requested you to consider 120 kW + 120 kW Chargers</p> <p>9. Spare Tyre will be provided separately and cannot be provided in the bus.</p>	<p>CORRIGENDUM TO BE ISSUED for two units of dual gun charger with atleast 170 kW + 170 kW rating (both A/c and non-A/c). Other aspects remain the same as per tender document.</p>
	III. M/s Olectra Geentech Ltd.,		
16	Item No. H of tender document	1. EMD of I	INR 5,00,000/- (Rupees)

		five lakhs only) (i.e.Rs.1,00,000/- per bus) should be transferred through NEFT/RTGS or in the form of Bank Gurantee to the following bank account on or before due date. 02.03.2023 before 02:00 p.m.	TENDER CONDITION PREVAILS
17	Item No. H of tender document	2. The successful bidder shall submit a Performance Guarantee of 3% of the quoted value in the form of Demand Draft / Bank Guarantee / Insurance Bond in favour of “The Registrar, IIT Madras” to be obtained from any commercial bank within 30 days(Thirty) days from the date of issue of Order by IIT Madras, which would be released 30 days after the successful completion of the warranty period after the adjustment dues if any, without interest.	TENDER CONDITION PREVAILS
18	<p>I Stage: 10% in advance of the total value excluding CAMC value after acceptance of purchase order against Performance Bank Guarantee.</p> <p>II Stage: 10% of the total value excluding CAMC 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 excluding CAMC value within 45 days of delivery of all vehicles, equipment and facilities, inspection and approval as per agreed specification required for CAMC.</p> <p>IV Stage: 10% of the total value excluding CAMC value Within 45 days of successful commissioning and operations of 5 buses.</p> <p>Comprehensive Annual Maintenance Contract (CAMC): Half yearly payment in advance after successful commissioning and operations and invoice for each payment should be raised by the supplier.</p>	<p>3.Stage wise Payment will be made:</p> <p>a)I Stage: 30% in advance</p> <p>b)II Stage: 10%</p> <p>c)III Stage: 50% of the total value excluding CAMC value within 30 days of delivery of all vehicles, equipment and facilities, inspection and approval as per agreed specification required for CAMC.</p> <p>D)IV Stage: 10% of the total value excluding CAMC value Within 45 days of successful commissioning and operations of 5 buses.</p> <p>e)Comprehensive Annual Maintenance Contract (CAMC): Half yearly payment in advance after successful commissioning and operations and invoice for each payment should be raised by the supplier</p>	TENDER CONDITION PREVAILS
19	Sl. No. 9 of Page No. 6 of 23,	4.GST: The bidder will consider applicable GST at the time of bidding. However, if there is any increase in the GST after bid submission, the same shall be borne by the Authority and GST reimbursement will be as per actuals at the time of billing	GST will be paid as per actuals.

20	Sl. No. 5 of Bidder eligibility criteria of page No. 7 of 23 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).	5.The firm must have an aggregate financial turnover ,20 & 22. i.e. 2019-20, 2020-21 and 2021-22 (financial statements/certificates issued by Chartered Accountant should be submitted as a proof).	CORRIGENDUM TO BE ISSUED for aggregate financial turnover of at least Rs.100 Crores in the last Five years i.e. 2017-18,2018-19, 2019-20, 2020-21 and 2021-22 (financial tatements/certificates issued by Chartered Accountant should be submitted as a proof).
21	Sl. No. 2 of Special Terms and Conditions in Annexure- A of page No. 12 of 23.	6.The supplier/OEM shall showcase the trial run of the E-Bus proposed to be supplied. The same will be evaluated by IIT Madras. If the E-Bus does not meet the required criteria, it needs to be modified to the satisfaction of IIT Madras. No payment will be made towards the trial run at OEM's facility	TENDER CONDITION PREVAILS
22	Technical Specification, Item No. I & II of Page No. 15 of 23.	7.Lighting and other fitments Halogen lamps as per CMVR & interior LED lighting 8.Battery Type - Lithium - ion-Phosphate can supply 9.Power rating of the charger-Around AC charger - 40kw+40kw DC Charger : 120kw DC Charger: 175kw with dual gun	CORRIGENDUM TO BE ISSUED for two units of dual gun charger with atleast 170 kW + 170 kW rating (both A/c and non-A/c).

In view of the above, the Committee discussed the above queries and recommended to issue corrigendum for Sl. Nos. 3,7,8,9,10,14,15,20 & 22. For the remaining queries of Sl. Nos. 1,2,4,5,6,11,12,13,16,17,18,19 & 21 clarified by the Committee, hence the corrigendum does not arise.

S/d
Chairman/Tender Committee