OFFICE OF THE DIVISIONAL MANAGER CTU & DIRECTOR TRANSPORT, UNION TERRITORY, CHANDIGARH

No.9274/ACCTT(H)/CTU/2021 **Dated: 07.12.2021**

ADDENDUM/Corrigendum

In reference to the e-tender Reference No. 8761/Acctt(H)/CTU/2021 Dated 19.11.2021 for inviting e-tender for **"Purchase Of Fully built-up 20 Nos HVAC Diesel BS-VI buses having 5900-6200 mm Wheel Base for Inter-City Operations with warranty of 2 years OR 2.0 LAC K.M.(WHICEVER IS EARLIER)"** appeared in the leading newspapers and also displayed on the website of this undertaking as well as website of the Chandigarh Administration i.e. chdctu.gov.in and https://etenders.chd.nic.in/ respectively and with respect to pre-bid meeting held with prospective bidders on 30.11.2021 at Conference Hall, First Floor, ISBT-43, Chandigarh, the following amendments/modifications are hereby made in the e-tender documents/RFP dated 19.11.2021:

Commercial Points:-

Sr. No.	Page No.	Clause no.	Particulars	Tender requirement	CTU Reply
1	8	2.1. II	ELIGIBILITY CRITERIA-	The bidder must have **supplied 100 nos. fully built buses during the last three years** ending on 31.03.2021 to any STU either in single or multiple orders.	No Change
2	10	10.1.C	DOCUMENTS ESTABLIHSING BIDDER'S ELIGIBILITY AND QUALIFICATIONS	The Bidder must be well established chassis manufacturer and must have minimum 03 years' experience (in last three years) of manufacturing and supply of buses. The bidder should also have supplied at least 100 fully built up buses to any STU either in single or multiple orders during last 03 years ending on 31.03.2021. The bidder has to attach Purchase Orders and **Performance certificate** in support of it.	No Change
3	11	12	12. BID SECURITY / EARNEST MONEY DEPOSIT (EMD	The Bidder shall furnish separate Bid security (hereinafter also referred to as Earnest Money Deposit" (EMD) of Rs. 30.00 lakhs (Rupees: Thirty lakhs only), w.r.t. bid for HVAC buses as part of his Bid	No Change

4	11	13.1	DISCHARGE OF BID SECURITY OF UNSUCCESSFUL BIDDERS(S)	13.1 The Bid Security of unsuccessful Bidders will be discharged / returned as promptly as possible after the expiry of Bid validity period and / or within 30 days from the date of signing the agreement with the successful bidder, whichever is later.	No Change
5	12	16	INSURANCE	On acceptance of buses by the Purchaser, third party insurance will be arranged by the Purchaser at its own cost. However, the Contractor will be required to arrange insurance of buses till the same are delivered to and accepted by the Purchaser.	No Change
6	16	5.2	LIQUIDATED DAMAGES	0.5% (Zero point five per cent) of the total value of the buses (inclusive of GST) which the Contractor has failed to deliver/commission within the period fixed for delivery /commissioning for delay of each week or part thereof up to 4 (four) weeks of delay, and	No Change
7	16	5.3	LIQUIDATED DAMAGES	0.75%(zero point seventy five per cent) of the total value of the buses (inclusive of GST) which the Contractor has failed to deliver/commission within the period fixed for delivery /commissioning for delay of each week or part thereof on entire delay period if delay is between 4 (four) weeks and 8 (eight) weeks and	No Change
8	17	5.4	LIQUIDATED DAMAGES	1.00% (One percent) of the total value of the buses (inclusive of GST) which the Contractor has failed to deliver/commission within the period fixed for delivery /commissioning for delay of each week or part thereof on entire delay period if delay is beyond 8 (eight) week. The decision of Purchaser shall be final in this regard.	No Change
9	17	7.2	FORCE MAJEURE	If, at any time during the existence of the contract, either party is unable to perform in whole or in part any obligation under this contract because of an event rendering performance of obligations impossible which include acts of God, war, revolutions, hostility, civil commotions, strikes, floods, earthquake, epidemics, quarantine restrictions, freight embargoes or explosions, then the date of fulfillment of contract shall be postponed during the period when such circumstances are operative.	No Change

10	18	7.5	FORCE MAJEURE	If such inability on account of force majeure to perform continues for a period of more than three (3) months, each party shall have the right to be released from further performance of the contract, in which case, **neither party shall have the right to claim damages from the other.** All prior performance shall be subject to contract terms.	No Change
11	18	8.1	DELIVERY SCHEDULE OF BUSES.	The delivery of 20 Nos. HVAC buses including prototype bus is to be completed within the contracted delivery schedule of 120 days from the date of contract agreement as per following schedule:- a) Within first 60 days :- Prototype Bus. b). Within 30 days :- 09 buses. c). Within 30 days :- 10 buses	No Change
12	18	8.2	DELIVERY SCHEDULE OF BUSES.	The Contractor/Bidder shall, as may be required by the Purchaser, deliver at the place/places detailed in the contract, or purchase order, the quantities of the buses detailed therein. The buses shall be delivered not later than the dates specified in the contract/purchase order otherwise penalties would be imposed as per penalty clause number 5 of RFP.	No Change
13	18	8.6	DELIVERY SCHEDULE OF BUSES.	The contract shall be severable contract; Successful bidder shall make supplies of the buses as per the delivery schedule indicated in the contract. Each and every installment of the buses shall be treated as separate contract. Failure to comply with delivery schedule shall attract pre-estimated liquidated damages, risk purchase & other provision of the contract.	No Change

14	19	8.10'	DELIVERY SCHEDULE OF BUSES.	A failure or delay by the Contractor/Bidder in the performance of his obligations for delivery and commissioning of buses, the Purchaser at his discretion may take any one or all of the following actions : a) Terminate the Contract for unsupplied quantity, and/or b) Forfeit the Performance Guarantee alongwith interest thereupon: and/or c) Effect purchases at the Bidder's risk and cost for the unsupplied quantity as per clause 9.2 herein after, and/or d) Extend the delivery period for the unsupplied/non-commissioned quantity with imposition of pre estimated liquidated damages.	No Change
15	22	16	SUBMISSION OF DRAWINGS	The successful bidder shall provide two sets of general drawings comprising of elevations- sides, front and rear ends along with main dimensions, isometric views, exterior and interior details, seating layouts, specified color schemes and their sizes and specifications etc. One set of Compact Disc along with two sets of hard copies as specified in technical specifications shall be supplied by the successful bidder to this undertaking in advance for approval.	No Change
16	22	17	Service Engineering	The successful bidder shall furnish information on maintenance practices to be followed for these buses, clearly spelling out the following: - i). Inspection procedure & periodicity of various preventive schedules in detail including gauging practices. ii). Maintenance procedures in detail including preventive maintenance schedules. iii). Facilities required for maintenance, giving detailed information on the following: - a) Plant & Machinery required for maintenance; b) Gauges, Jigs and Fixtures and Tools required during maintenance; c) Space requirements for maintenance facilities and d) Any other details necessary for development of said facilities.	No Change

17	22	18	18. SERVICE MANUAL,SOFTWARE AND SPARE PARTS CATALOGUES	One set of Software (Vehicle diagnosis) along with necessary hardware (On Board Diagnostic tool with interface cable) for maintenance for identifying faults in buses,	No Change
18	23	19	Training	The Contractor/Bidder shall arrange orientation training for drivers @ four drivers per bus at Drivers Training Centre for at least one week before the actual commissioning of the buses. Similarly, adequate training will be provided to at least 60 workshop staff including Mechanics/ Technicians/Supervisors / Engineers of CTU in batches of 20 each so that the workshop staff may be able to repair and maintain the buses independently. This training will be provided 'free of cost' as and when required by the Purchaser within 3 years from the date of delivery of buses. Course material/Manuals of maintenance/repair will be provided by Contractor on 'free of cost' basis. Bus fuel/ available facilities with the Purchaser will be provided by the Purchaser.	No Change
19	24	24.1	24. Warranty (24.1)	There will be standard warranty for two years or 2.0 LAC K.M.(whichever is earlier) from the date of final acceptance. The successful bidder shall be responsible for any defect or failure of buses or equipment or engine seizure, undue tear of brake drums, uneven wear and tear of tyres, non-functioning of air conditioning system or any other defect thereof as well as defective/poor material apart from normal wear and tear, provided in these buses due to defective design, material or workmanship for a period specified in this RFP individually for each bus from the date of issuance of Final Acceptance	No Change
20	25	24.2	24.2 Warranty	Successful bidder shall be required to station required number of supervisors with team of 6 technical workers from date of Final Acceptance and till completion of warranty period. Further, necessary technical personnel beyond above shall also be deputed by the successful bidder at his own cost for investigating defects and failures and carrying out modifications as and when required during the warranty period.	No Change

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<td>21</td>
<td>25</td>
<td>24.3</td>
<td>24.3 Warranty</td>
<td>24.3 Successful bidder shall ensure the repair of bus within timelines as per table below failing which actual expenditure incurred for repair of such bus body will be recovered from the performance security of the successful bidder and Purchaser will be at liberty to forfeit security deposit/performance security. Repetition of continuous 3 such incidents/defects may lead for blacklisting of the successful bidder, apart from other punitive action.
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<tr><th>Sr. No.</th><th>Nature of Repair</th><th>Repair or Replacement time in no. of days</th></tr>
<tr><td>1</td><td>All minor repair & replacement of aggregates like Air Compressor, Intercooler, Clutch Plate, Alternator, Injectors, AC-Compressor, Retarder etc.</td><td>3</td></tr>
<tr><td>2</td><td>All major repair & replacement of aggregates like Engine, Gear Box, Rear Axle, Front Axle etc.</td><td>7</td></tr>
<tr><td>3</td><td>Minor repair of replacement of parts</td><td>3</td></tr>
<tr><td>4</td><td>Major repair of replacement of parts</td><td>7</td></tr>
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<td>22</td>
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<td>Request</td>
<td>Invoicing & Payment</td>
<td>Request you to allow separate Invoicing and payment for Chassis & Body. Invoicing of the body can be done directly by body builder authorized by the OEM in the tender.</td>
<td>No Change</td>
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Technical Points:-

Sr. No.	Page No.	Clause no.	Technical Parameters	Tender Technical Specifications	CTU Reply
1	27	3/ Request	Engine	Request you to kindly confirm the specificaiton of the Engine (4cyl or 6cyl) by CTU	No Change
2	27	3.1	Rated HP preferably at lower rpm range	**Minimum 210 H.P**. @ 2300-2500 RPM,	**Amended as:** Minimum 210 H.P. @ 2200-2500 RPM,

3	29	6.1	Suspension system:Front	Weweller Suspension or better	No Change
4	29	6.2	Suspension system:Rear	Air bellows – 2/4 numbers	No Change
5	29	6.3	Anti roll bars/stabilizers	As per OEM Specifications	No Change, Essentially required for Safety.
6	29	8.1	Batteries	Low maintenance type lead acid batteries for 24V system – performances as per BIS:14257-1995 or latest. 2X12V batteries of 180 to 200 Ah capacity. Maintenance free batteries preferred. Battery must not be older than 6 months older from the date of delivery of buses.	No Change
7	31	13.2.d	Passenger safety system - allowing bus motion On doors closing and doors opening only when	Safety Buzzer be provided	No Change
8	31	13.6	Door closing requirements for bus movement -	Buzzer be provided if bus moves before door closing completed	No Change
9	33	14.2 C iv	Roll over tests with the bus rolling from ground level instead of a raised platform. Angular velocity should not exceed 5 degrees/second. All other procedure as per AIS031 1. Bus tilted to its unstable position 2. Bus allowed falling freely under gravity from this 3. GVW of the bus to be considered	(i) Unstable position should not occur before 28^{o}. (ii) No part of structure intrudes into residual space	No Change
10	33	14.3 D i	Roof panelling: interior	3mm thick Aluminium composite panel sheet or better.	No Change
11	33	14.3 D ii	Roof Paneling: exterior	0.95mm thick GI Sheet or 1.21mm Aluminium coil	No Change
12	33	14.3 D iii	Side panelling: interior	3mm thick Aluminium composite panel sheet or better.	No Change
13	34	14.4 A	Roof structure	40mm Thermocole Sheet or 25mm thick FR grade Insulation material.	No Change

14	34	14.4 B	Engine compartment	Fire retardant preferable ceramic fibre 128 kg/m3 with Aluminium Mesh to prevent fall off over engine or as per OEM standard or ARAI/CIRT/ICAT approved drawings subject to satisfaction of CTU.	No Change
15	34	14.5 B	Floor surface material	12 mm thickness phenolic resin bonded densified laminated compressed wooden floor board (both side plain surface) having density of 1.2 gm/cc conforming to IS3513 (Part-3): type VI 1989 or latest. The flooring should also be boiling water resistant as for marine board BIS 710-1976/ latest and fire retardant as per BIS 5509-2000 (IS 15061:2002).	No Change
16	35	14.5 C	Anti – skid material	3 mm thick anti-skid type silicon grains ISO 877/76 for colour, IS5509 for fire retardancy	No Change
17	35	14.6	Safety glasses and fittings	Single Piece windshield, stylish exterior, combination head lamps as per approval of CTU	No Change
18	35	A	Front windscreen (laminated) glass: Size	Single piece laminated safety glass, as per IS2553 (Part-2)-1992/latest. Front wind screen glass shape may be curved or plain, flat/curved with curved corners, to match vehicle design and contours etc. Standard design As per OEM/CMVR/AIS 052	No Change
19	35	B	Rear wind screen: (wherever provided)	Single piece flat/curved or plain/flat at centre & curved at corners to match vehicle contours/ design. Rear wind screen glass be toughened glass IS: 2553(Part-2)-1992/latest.	No Change
20	35	14.6. C.	Side windows:	Large flat/curved to match bus shape and contour, 2-piece design-fixed toughened glass IS2553 (Part-2)-1992/latest.	No Change

21	37	14.8 A	Camera	2 nos CCTV inside the bus, and one no at back side of bus and one for dashboard Camera with NVR, AVLS device (AIS-140) along with Panic buttons, Provision of SimCard/Dongle and to transmit live feed to Command Control Center. Further it should have capability to store footage upto 15 days and memory should be extendable. Further the switch for camera should be controlled by Ignition switch keys of driver	No Change
22	38	14.9	Corrosion prevention & painting as well as for internal and external structural members.	Corrosion prevention treatment/painting for structural members/components, assembled structure, panels etc as per AIS-052	No Change
23	38	14.9 C	Painting	PU paint panel etch primer, PU primer surface, PU top coat BIS 13213:1991 or latest/international standard as applicable for exterior painting including interior wherever required. shades–IS 5-1978 (or latest) class-A2 as per approval of CTU	No Change
24	38	15.1	Electrical Cables	BIS marked, copper conductors with fire retardant as per IS/ISO:6722:2006 as per appropriate class conductor cross section varying as per circuit requirements, minimum cross-section 0.5 sq mm. quality marking may also be as per equivalent or better European, Japanese, US standards.	No Change
25	38	15.2	Conductor cross section	As above and suitable to carry rated current (Japanese Auto Standard JASO D0609-75 AV)	No Change
26	39	15.3 E	Battery cut – off switch (isolator switch)	Heavy-duty type capable of caring & interrupting total circuit load. (each near battery and driver).	No Change

27	39	15.4 D	Capacity of washing system tank litres minimum	6 litres or as per OEM Standards	No Change
28	40	17.3	Handrails Minimum length*diameter*height above	Colour contrasting and slip resistant of Stainless Steel tubing/M.S. Pipes with PVC sleeves.	No Change
29	40	17.8	Towing device front/rear	Heavy duty1.2 times (minimum) the kerb weight of the bus within 30° of the longitudinal axis of the bus. As per CMVR & IS 9760 – Ring Type	No Change
30	40	18.1 A	Windows (Type of window)	Large tinted window panes as per AIS 052	No Change
31	41	18.2 c. I	Seat reading light	To be Provided and should be of best quality	No Change
32	42	21	Life cycle requirements of bus (whichever is earlier)	Minimum 10 Years or 12,00,000km	No Change
33	42	22	Driver cockpit area	Air Conditioning mandatorily required with ducting/AC lower above driver seat along with partitioning (as per approval of CTU).	No Change
34	42	24	Buses should be fitted with	Winding Type full width sub-blind for front windshield glass should be provided.	No Change
35	45	10	LIST OF MATTERIAL FOR FABRICATION OF BUS BODIES 10. Passenger Seats Fix Seat3X2Confg.Readymade Passenger Seats	AIS023 &AIS052, ARAI APPROVED M/s Harita or M/s Pinnacle or ARAI certified subject to approval from CTU (design only after approval of CTU)	No Change
36	45	16	LED destination boards	As per latest AIS/BIS specification Lumax/Power Electronics or equivalent only as per approval of CTU	No Change

The last date of receipt of EMD/Bid Processing Fee and uploading of technical bid/tender documents is hereby extended from 10.12.2021 upto 14:00 Hrs to 15.12.2021 upto 14:00 Hrs and the date of opening of Technical Bid is extended from 10.12.2021 at 15:00 Hrs to 15.12.2021 at 15:00 Hrs.

The other terms and conditions will remain same.

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Director Transport,
Union Territory,
Chandigarh.