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

No.9445/Acctt(H)/CTU/2021 **Dated:10-12-2021**

ADDENDUM

In reference to the e-tender Reference No.8762/Acctt(H)/CTU/2021 Dated 18.11.2021 for inviting e-tender for **"HIRING OF 20 NOS. HVAC FULLY BUILT-UP BS-VI DIESEL BUSES FOR INTER CITY OPERATIONS ON KILOMETER BASIS FOR A PERIOD OF 10 YEARS"** published 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 03.12.2021 at Conference Hall, U.T. Guest House, Sector-6, Chandigarh, the following amendments/modifications are hereby made in the e-tender documents/RFP dated 19.11.2021:

Commercial Points:-

S. No.	Page no. as per RFP	Particulars/ Clause No.	Tender requirement	CTU Reply
1	7	Technical Qualification 4.2.1 (i)	The Bidder must be well established and must have supplied or plied or plying at least 20 Diesel/CNG/Electrical Buses to any STU on hiring mode for at least two years in last five years either in single or multiple orders ending on 31.03.2021	No Changes
2	7	Technical Qualification 4.2.1 (ii)	The bidder should have maintenance agreement/understanding with the vehicle manufacturer covering for the agreement period with CTU.	No Changes
3	7	Financial Qualification Clause No. 4.2.2 (i)	The bidder should have a minimum average annual turnover of Rs 10 Crores for last 3 years duly certified by the Chartered Accountant, for the financial years of 2018-19, 2019-20 and 2020-21. The bidder should submit Income Tax returns and Audited Balance Sheets duly signed for the relevant three financial years	No Changes
4	7	Financial Qualification Clause No. 4.2.2 (ii)	The net worth of Bidder should be more than Rs. 5 crore for the financial year 2020-21, to be certified by the Chartered Accountant in practice or Company Secretary in practice based on audited financial statement.	No Changes

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5	10	DOCUMENTS ESTABLIHSING BIDDER'S ELIGIBILITY AND QUALIFICATIONS Clause No. 4.11.1 (f)	The bidder must have valid GST registration number/other registrations; the documentary proof is required for the same.	No Changes
6	10	BID SECURITY / EARNEST MONEY DEPOSIT (EMD) Clause No. 4.13.1	The Bidder shall deposit Bid security (hereinafter also referred to as Earnest Money Deposit" (EMD) of Rs. 50.00 (Fifty Lacs only) w.r.t. bid for hiring of HVAC Diesel Buses as part of his Bid. The bid security shall be sealed in an sealed envelope super scribed "Earnest Money Deposit for Bid due on (as per date mentioned under clause 4.6) for Hiring of HVAC Diesel Buses and to be deposited physically before the due date and time of submission of bid. The Earnest Money Deposit (EMD) should have validity period of at least 180 days from the date of opening of technical bid in the form of "Account payee Demand Draft'' or Bank Guarantee drawn in favour of Director Transport, UT – cum- Divisional Manager, Chandigarh Transport Undertaking, Chandigarh payable/en-cashable at Chandigarh of any nationalized / Scheduled / Commercial Bank, operating in India	No Changes
7	15	CONTRACT 5.3. A1	The Department agrees to take HVAC Diesel Buses, on lease from the Successful bidder for the period of 10 years, from the date of acceptance of the buses by the Committee.	No Changes. It is clarified that Fully built up bus has to be supplied from bus Manufacturer.
8	16	Contract BUS ITS SPECIFICATION & MAINTENANCE Clause No. 5.3 (B) (2)	2. The Successful bidder shall have to provide log in credentials of ITS dashboard for MIS reports to provide required API's to integrate with CTU web page and mobile App with respect to real time expected time of Arrival/Departure at major bus stations as per requirement of CTU. In case of failure penalty as per Penalty clause will be imposed. Further, CCTV footage upto 15 days to be provided as and when required by CTU.	No Changes
9	16	Contract BUS ITS SPECIFICATION & MAINTENANCE Clause No. 5.3 (B) (3)	3. The Buses provided by the Successful bidder shall remain in the administrative possession of the Department. The ownership and control of the buses shall be in the name of General Manager, Chandigarh Transport Undertaking. However, responsibility of the bus shall be of the Successful bidder. At the time of closure of contract it shall be obligatory on CTU to transfer the ownership of buses under the contract in the name of supplier.	Amended as: "The Buses provided by the Successful bidder shall remain in the administrative possession and control of the buses of the Chandigarh Transport Undertaking, however, the ownership shall be in the name of successful bidder. At the time of closure of contract it shall be obligatory on the part of successful bidder to

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				transfer the ownership of buses under the contract in the name of General Manager, Chandigarh Transport Undertaking.
10	16	Clause No. 5.3(B)(4)	4. All maintenance expenditure including consumables except fuel, expenditure on account of Tyres, Batteries, spare parts, Urea, engine overhauling, Suspension etc. and running, major and minor repairs of the contracted buses during the period of the contract shall be the responsibility of the Successful bidder at their cost & risk.	No Changes. It is clarified that All maintenance expenditure includes all the consumables, Adblue/Urea, spares, Tyres, Batteries, Accidental Repairs, Engine Overhauling, On board ITS equipments, Bus Body, Any Major/Minor repair etc required for maintenance and Operation of buses but excluding fuel during the period of contract shall be the responsibility of the successful bidder.
11	16	Clause No. 5.3(B)(7)	7. The Successful bidder shall have to provide the contracted buses within period mentioned in the Contract. If the Successful bidder fails to supply the buses in said period, the penalty as mentioned under Penalty clauses will be recovered for such delay days. In case of delay beyond 60 days, the Department will be at the liberty to cancel the agreement and forfeit the EMD/performance security.	No Changes
12	18	Clause No. 5.3(C)(22)	22. The Successful bidder has agreed that in case (rarest of the rare) the bus is operated without conductor on account of strike or on any other unavoidable reason, and if any passenger is found without ticket in the bus then the Successful bidder would be solely responsible for the said default and would liable to pay to the Department a sum double the fare charged from the passenger along with a penalty as per penalty clauses.	Amended as: "The clause stands deleted".
13	19	Clause No. 5.3(E)(25)	25. The Department will operate the Bus for minimum combined 8100 KM per day for contracted 20 buses @ 90% Fleet availability. This condition would not apply in case of a, natural calamities, law and order situation, force majeure etc. In such cases the operation of the bus can be fully or partially stopped by the Department with immediate effect under intimation to the Successful bidder. No Payment would be made to the Successful bidder for such non-operational period. However, if this non-operational period exceeds more than 3 days in a month, the Department shall have to pay liquidated damages @ 2000/- per bus per day (for the days over and above three days) to the Successful bidder.	No Changes.

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14	20	PERFORMANCE SECURITY Clause No. 5.4.1	The Contractor/Bidder shall furnish Performance security en-cashable at Chandigarh in the shape of a Bank Guarantee in the Performa prescribed in the RFP document within 30 days from the date of dispatch of the 'Letter of Bid Acceptance', for an amount equivalent to Rs. 1 Crores (Rs One Crores only) in Indian Rupees valid till the expiry of contract period and extra 90 days(i.e. delivery period plus 10 years and 90 days).	No Changes
15	21	LIQUIDATED DAMAGES Clause No. 5.5	If the Successful bidder fails to supply the buses in the period as mentioned under para 5.8 below pertaining to delivery of buses, the penalty as per penalty clauses shall be recovered for such delay days. In case of delay in delivery period for more that beyond 95 days, the Department will be at the liberty to cancel the agreement and forfeit the performance security	Amended as: "If the Successful bidder fails to supply the buses in the period as mentioned under para 5.8 below pertaining to delivery of buses, the penalty as per penalty clauses shall be recovered for such delay days. In case of delay in delivery period for more that beyond 60 days, the Department will be at the liberty to cancel the agreement and forfeit the performance security"
16	22	DELIVERY Clause No. 5.8.1	If the Contractor fails to complete the supplies within contracted delivery period of 90 days, the Department shall take actions as per 5.5 of General Conditions of Contract.	No Changes
17	24	Average/K.M.P.L. Clause No. 5.15.1	The Department would be liable to provide diesel to the Successful bidder, assuming average consumption of diesel @4.50 KM per litre for the plain and 3.75 KM per litre for hilly road operation.	The Department would be liable to provide diesel to the Successful bidder, assuming average consumption of diesel @3.75 KM per Ltr. as mentioned in ASRTU Rate Contract circulated vide Memo No.ASRTU/SC/2020-22/359 dated 14/12/2020
18	24	PAYMENT TERMS Clause No. 5.14 Note	Minimum warranty of KMS will be reduced pro-rata in case less no of buses on particular day for whatsoever reason	No Changes
19	24	Clause No. 5.14	Minimum warranty of KMS will be 8100 KMS per day	No Changes
20	24	Clause No. 5.14	Minimum warranty of KMS will be 8100 KMS per day for all 20 nos. of buses	No Changes
21	33	PROFORMA OF CONTRACT AGREEMENT Annexure-6	Combined Contract Agreement of 20 buses	No Changes

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22	37	Annexure-9 S. No. 10	Rs. Rs 10,000/- per incident penalty for Passenger found without ticket in case of absence of conductor in case of strike or any other unavoidable reason.	Amended as the Penalty clause stands deleted.
23	37	Annexure-9 S. No. 11	Rs. 20000/- per incident penalty for Cancellation of complete schedule due to non-availability of the bus or failure to provide replacement	No Changes
24	37	Annexure-9 S. No. 12	Rs. 10000/- per incident penalty for Non working of Air-conditioning or Heating system in bus by maintaining temperature of 22o c+- 1 degree	No Changes
25	37	Annexure-9 S. No. 14	Rs. 5000/- per day penalty for Delay in submission of performance security up to 45 days	No Changes
26	37	Annexure-9 S. No. 15	Rs. 10000/- per day per bus penalty for In case of delay in supply of buses	No Changes
27	37	Annexure-9 S. No. 17	Rs. 5000/- per incident penalty for non working of ETA/ETD in android app/ITS dashboard	No Changes. However, it is clarified that if the reason for non-functioning is at the end of CTU then no penalty shall be imposed, if it on part of successful bidder only then penalty shall be imposed.
28	37	Annexure-9 S. No. 18	Rs. 200/- per row per seat per charging point penalty for non working of USB charger or A/C vent for each row of seat	No Changes
29	37	Annexure-9 S. No. 19	Rs. 10000/- penalty for Repeated breakdown of the buses for the similar defect (the breakdown occurring twice in a week for particular bus)	No Changes
30	37	Annexure-9	Maximum capping penalty	No Changes
31	42	Annexure-13 Tentative Routes	Tentative Routes	Amended as the contracted buses can be put on operation on Long Route i.e. Shimla/Manali/Delhi etc. as well as on Sub-Urban Routes i.e. Ludhiana/Yamunanagar/Una etc. The timings and routes of the operations will be jointly finalized along with the operator.
Suggestion/Clarification				
32	General Point	General Point	No provision regarding adblue cost as it is part of fuel	Already clarified in the para above.
33	---	Request	We have 20 years experience in Passenger transport and we know very well the life of a bus in this tender has a maximum 5 years then how can CTC executie the same.	No Changes

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34	---	Request	If the bidder wants to discontinue then no provision is mentioned for the bidder.	No Changes
35	---	Request	Penalty clause not applicable for accidental bus if vender provides the FIR copy to department.	No Changes. It is clarified the Accidental damage is under the scope of successful bidder only.
36	---	Request	Payment terms for 15 days.	No Changes
37	---	Request	If any vehicle stops due to any reason then one bus should be in place so CTU takesone more bus in the name of GM, they provide only permit Road tax.	No Changes
38	---	Request	Since RFP requires to seek approval on Design, drawings & critical certificates likeRoll over compliance, Body structure strength tests etc. will have to be providedwith prototype inspection. Thus we request the authorities for extension ofPrototype inspection by min 60 days.	No changes

Technical Points:-

S. No.	Page no. as per RFP	Clause No.	Technical Parameters	Tender Technical Specifications	CTU Reply
1	44	1	Propulsion system	Internal combustion engine	No Changes
2	44	2	Fuels-options	High Speed Diesel	No Changes
3	44	3	Engine	---	No Changes
4	44	3.1	Fuel recommended	Fuel to be compatible with propulsion system.	No Changes
5	44	---	Rated HP preferably at lower rpm range	Minimum 210 H.P. @ 2300-2500RPM	Amended as: Minimum 210 H.P. @ 2200-2500RPM
6	44	3.7	Engine location	Front Engine/Rear Engine hood to be provided with complete heat and noise insulation.	No Changes
7	45	6	Suspension system	Fully pneumatic Air Suspension for Rear and Weweller or better for Front	No Changes
8	45	6.3	Anti roll bars/stabilizers	As per OEM Specifications	No Changes. Essentially required for Safety.
9	45	8.3	Alternator	24V 85-120 Amps for Engine and 120-150 Amps for AC.	No Changes
10	46	10	Tyres	Steel radial tube-less including spare tyre. Size and performance as per CMVR. Tyres must not been less than six month old as on the date of delivery of fully built up bus. Front – 2, Rear 4 + one spare	No Changes

S. No.	Page no. as per RFP	Clause No.	Technical Parameters	Tender Technical Specifications	CTU Reply
11	46	11	Fuel tank	Minimum 300 Ltrs Capacity	No Changes
12	46	12	Bus characteristics	Aerodynamic body design for better fuel efficiency	No Changes
13	46	12.1	Bus dimensions mm	---	No Changes
14	46	12.1 A	Overall length mm (over body excluding	Not exceeding 12000	No Changes
15	46	12.1 B	Overall width mm (sole bar/floor level- extreme	2600 (maximum)	No Changes
16	46	12.1 C	Overall height mm (unladen-at extreme point)	3800(Maximum)	No Changes
17	46	12.1 D	Wheel-base mm	5900-6200mm	No Changes
18	46	12.1 E	Front overhang	To be submitted by manufacturer/As per CMVR	No Changes
19	46	12.1 F	Rear overhang	To be submitted by manufacturer/As per CMVR	No Changes
20	46	12.2	Turning circle radius (mm)	To be submitted by manufacturer/ As per CMVR	No Changes
21	46	12.3	Floor height above ground (mm)	1300-1500 mm	No Changes
22	46	13.2	Type of doors	Pneumatic Doors In-Swing type open able by Driver only through Switch.	No Changes
23	47	13.2 d	Passenger safety system - allowing bus motion On doors closing and doors opening only when	Safety Buzzer be provided	No Changes
24	47	13.6	Door closing requirements for bus movement -	Buzzer be provided if bus moves before door closing completed	No Changes
25	48	14.1 A	Design type approval- all bus body structures & structural aggregates be designed to fulfil the loading, operating & performance parameters using finite element analysis or any other analytic technique for: Strength Stiffness Structural Stability Vibration Safety	Test Certificates required as from CIRT/ARAI/ICAT (Base ARAI certificate for the model quoted to be submitted along with technical bid however Test certificate for the quoted model as per RFP can be submitted before/at the time of proto Inspection)	No Changes
26	48	14.2 A i	Structural performance Body structure strength test- each type of vehicle be subjected to roll over test on complete vehicle/ specified representative section thereof or to an alternate method approved by the test agency	As per AIS 052 Roll Over Test Certificate required	No Changes
27	49	14.3 D i	Roof panelling: interior	3mm thick Aluminium composite panel sheet or better.	No Changes
28	49	14.3 D ii	Roof panelling: exterior	0.95 mm thick GI sheet or 1.21 mm Aluminium coil.	No Changes
29	49	14.3 D iii	Side panelling: interior	3mm thick Aluminium composite panel sheet or better	No Changes

S. No.	Page no. as per RFP	Clause No.	Technical Parameters	Tender Technical Specifications	CTU Reply
30	50	14.3 D v	Stretch panel: Exterior side panels of stretched steel sheet at different waist levels along length of the bus	G.P. sheet as per approval of CTU	No Changes
31	50	14.3 D vi	Skirt Panel	As per OE/Approved ARAI structural drawings.	No Changes
32	50	14.4 A	Roof structure	40mm Thermocole Sheet or 25mm thick FR grade Insulation material.	No Changes
33	50	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 Changes
34	50	14.5 A	Type of floor	As per OEM design	No Changes
35	50	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 Changes
36	51	14.5 C	Anti – skid material	3 mm thick anti-skid type silicon grains ISO 877/76 for colour, IS5509 for fire retardancy	No Changes
37	52	14.7.1 C	Seat pitch - minimum: mm as per AIS 052	750	No Changes
38	52	14.7.1 L	Number of seats	Minimum 50 seats and as per approval of CTU	No Changes
39	53	14.7.1 N	Seat arm (Foldable)	At corner	No Changes
40	53	14.7.1 O	Magazine pouch	Required	No Changes
41	53	14.7.1 Q	Reading lights	LED lights required	No Changes
42	53	14.8	Driver's work place/cabin/seat etc	Height Adjustable, Forward and rear adjustable as per AIS 052	No Changes
43	53	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 Changes
44	55	15.3 E	Battery cut - off switch (isolator switch)	Heavy-duty type capable of carrying & interrupting total circuit load.1 each near battery and driver	No Changes

S. No.	Page no. as per RFP	Clause No.	Technical Parameters	Tender Technical Specifications	CTU Reply
45	55	15.4	Wind screen wiping & washing system etc:	Pantograph or Radial type electrically operated with two wiper arms & blades; wiper motor heavy- duty steel body with minimum 2-speed operation; wiping system as per CMVR/BIS 7827 Part-1, 2, 3 (Sec.1 & 2)/latest. As per AIS 011	No Changes
46	55	15.4 D	Capacity of washing system tank litres minimum	6 litres or as per OEM Standards	No Changes
47	56	17.2	First aid box	1 Number, as per provision of CMVR complete with first Aid items like Bandage, betadine tube, cotton etc.	No Changes
48	56	17.3	Handrails Minimum length*diameter*height above	Colour contrasting and slip resistant of Stainless Steel tubing/M.S. Pipes with PVC sleeves.	No Changes
49	56	17.4	Entrance/Exit Guard/Step well guard:	Colour contrasting and slip resistant of Stainless Steel tubing/M.S. Pipes with PVC sleeves.	No Changes
50	56	17.10	Fog lighting	Mandatorily Required	No Changes
51	56	17.11	Bumpers - front and rear	Material to be proposed by the manufacturer/As per OEM standard	No Changes
52	56	17.11	Impact strength for bumpers	Meet requirements of Para 6.3.1 of AIS 052	No Changes
53	56	18.1 A	Type of window	Large tinted window panes as per AIS 052	No Changes
54	57	18.2 E	Additional provision at above of CLC	Dim Lights (LED) in blue color for night having attractive look.	No Changes
55	57	18.3 A	Magazine pouch	Required	No Changes
56	57	18.3 B	USB charger at each row of seat both sides (at 3 seats side and 2 seats side.)	Self Closing type power ports one on each row on both sides(LH/RH) be provided	No Changes
57	57	18.3 C	Water Bottle holder	Required	No Changes
58	57	18.3 D	Sun Visor for driver	Required	No Changes
59	57	19	Air conditioning system and Heating System - operational conditions/other requirements etc.	Spheros/Carrier/TransAir (40 kw or more) G.I. A.C.DUCTING FACILITY SHALL BE PROVIDED FOR EACH ROW OF PASSENGER SEATS ON BOTH SIDES OF THE BUS AND ALSO FOR DRIVER'S CABIN.	No Changes
60	57	19.1	Specifications	a) For up to 42°C of saloon temperature and b) For > 42°C of saloon temperature	No Changes
61	58	19.2	Target results	a) 23+/- 1°C (for all temperature ranges) b) Minimum average air velocity at air vent is 4.5 m/s ARAI/CIRT/ICAT Certificated required.	No Changes

S. No.	Page no. as per RFP	Clause No.	Technical Parameters	Tender Technical Specifications	CTU Reply
62	58	19.3	Seat air flow adjustment system	Required	No Changes
63	58	19.4	Air conditioning system in driver work place	As in saloon	No Changes
64	58	20	Maximum noise levels inside the saloon - test procedure as per AIS 020	As per ARAI/ICAT/CIRT approved drawings and relevant CMVR/GoI guidelines	No Changes
65	58	21	Life cycle requirements of bus (whichever is earlier)	10 years or 12,00,000 km	No Changes
66	58	22	Driver cockpit area	Air Conditioning mandatorily required with ducting/AC lower above driver seat along with partitioning (as per approval of CTU).	No Changes
67	58	23	Destination boards	1. 2 nos. LED DESTINATION BOARDS required. One at Front and one at back . PLC controller should be provided for storage capacity of multiple routes up to 70 routes. The provision of this system to be such if operator/driver selects one route then it should be displayed on both screens (front and back) simultaneously and as per AIS-052 specs. 2. 1 no. LED Destination board on inner passenger saloon area for display of messages / location of stations.	No Changes
68	60	6	Brakes	As per relevant AIS/BIS specification WABCO/TVS ISI marked subject to approval from CTU	No Changes
69	60	7	Battery	As per relevant AIS/BIS specification Exide/Amron or eqvivalent subject to approval from CTU	No Changes
70	60	9	Air Conditioning System	Carrier/Spheros/TransAir	No Changes
71	61	10	Passenger Seats Fix Seat3X2 Confg. eadymade Bus 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 Changes
72	61	11	Driver 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 Changes

S. No.	Page no. as per RFP	Clause No.	Technical Parameters	Tender Technical Specifications	CTU Reply
73	61	12	Electric Item: a) LT Wire 4 mm & 6 mm Size b) Battery Cable Size 325/0.45mm	As per Bus Code AIS-052 Havells/Phillips or ISI marked subject to approval from CTU	No Changes
74	61	13	Head light LED	As per latest AIS/BIS specification Lumax/Hella or equivalent as per approval of CTU	No Changes
75	61	16	LED destination boards	As per latest AIS/BIS specification Lumax/Power Electronics or equivalent only as per approval of CTU	No Changes
SUGGESTIONS					
76	---	Request	Retarder requirement is not mentioned in the Specifications. Considering impending changes in braking norms and safety benefits, we request the authorities to make Retarder a mandatory requirement.	---	No Changes
77	---	Request	We request the authorities to share the integration protocols for ITS well in advance.	---	No Changes

The other terms and conditions will remain same.

-Sd-

Director Transport,
Union Territory,
Chandigarh.