

Corrigendum-V

RFP for Selection of Bus Operator for Supply, Operation and Maintenance of Buses for Managing Public Transport across the Cluster-I routes under LAccMI Scheme on Gross Cost Contract (GCC) Model

No. 1472/OSRTC/IMTR-11/2023

RFP No. 1332 Date: 06/05/2023

Date:17/06/2023

Sl.No.	Section / Page No.	Existing Clause	Revised Clause
1.	Sec 1.1.14 Volume- II	Bus Specification/Technical Specifications” shall mean the specifications of the Contracted Buses including but not limited to design, power, GRPS, GPS and PIS and other IT equipment and other details stipulated by the Authority during the purchase of such buses	<p>Bus Specification/Technical Specifications” shall mean the specifications of the Contracted Buses including but not limited to design, power, GRPS, GPS and PIS and other IT equipment and other details stipulated by the Authority during the purchase of such buses.</p> <p>Architecture:</p> <p>The architecture defines the overall inter connectivity of the different sub system inside the vehicle, communication within the sub systems and connectivity to the backend solution for the transmission of the real time vehicle information. It shall consists of following sub systems Passenger information system (PIS).</p> <ul style="list-style-type: none">• Automatic vehicle location system (AVL)• Security camera network system (SCN)• Vehicle health monitoring and diagnostics (VHMD)• On-board pole mounted ticketing machines <p>Camera :</p> <ul style="list-style-type: none">• 2 nos. CCTV inside the bus, and 1 no. at back side of bus and 1 no. for dashboard Camera with NVR, AVLS device (AIS-140) along with Panic buttons, Provision of Sim Card/ Dongle and to transmit live feed to Command Control Center along with 7” TFT Monitor.• 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.

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			<p>Dashboards tell-tale lighting/control lighting- As per AIS 052 & bulbs tested for photometry as per IS 1606:1996</p> <p>Cabin lighting and Passenger Area Lighting- LED Lights as per AIS 052</p> <p>Fire extinguisher- Dry chemical powder type GSR– 853 (E) dated 19.11.2000 (or latest) and as per AIS 052, 1 nos. 6 kg each and 2 nos. 2 Kg each, ISI Marked</p> <p>First aid box-1 Number, as per provision of CMVR complete with first Aid items like Bandage, betadine tube, cotton etc.</p> <p>Emergency exit doors, warning devices etc.: As per AIS 052/CMVR</p> <p>Front/Rear door, step well lights, door open sign- LED Bulbs as per AIS 008</p> <p>Warning triangle- As per AIS 052/CMVR</p> <p>Fire Suppression System (for engine)- FDAS or FDSS as per AIS 153</p> <p>Water Bottle holder- Required.</p> <p>Public address system- Yes, and Mic at dashboard, LED TV display inside the bus for 12m AC</p> <p>Music System- Audio player having USB port with amplifier. 4 Nos of speakers at hat rack zig zag arrangement.</p> <p>PIS System :</p> <ul style="list-style-type: none"> • All driver-related interfaces (input/output/feedback) for PIS must be provided on Single Control Unit (SCU) & Bus Driver Console(BDC). • Amber colored, alphanumeric with graphic capability • In-built light sensor with continuously variable brightness control to enable the display intensity to change based on ambient light conditions. • Viewing distance <ul style="list-style-type: none"> ○ Front, side and rear signs 50 meters minimum, for single line text, in day and night. ○ Inner 15 meters minimum, for single line text in day and night. • Display Characteristics <ul style="list-style-type: none"> ○ Fixed, scrolling and flashing mode (with fixed route number, up to 6 characters, on front, side and rear signs). ○ Capability to show customized graphics. ○ Two lines English /one-line local language.

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			<ul style="list-style-type: none"> ○ Total display height should accommodate two lines in English language and the Individual heights of each line should be adjustable to enable one line to be larger/smaller than the second line. However, during next stop announcement only single line text is required. ○ It should be possible to display, concurrently, different messages on each of the signs (front, rear, side and inner). ○ It should be able to display special signs like signs for 'PWD enable bus', 'ladies special'. ○ Display and voice announcement in English and local languages using Microsoft fonts (or any other as specified in tender) via window-based software package (window 7 or latest at the time of inviting the tenders). ● Signs should have ability to retain the last message displayed in the memory of the sign even in the event of power failure and without the message being reloaded from SCU. Test will be performed by disconnecting the SCU from the sign and power to the sign will be switched 'off' and 'on' to see if the Last message is retained and displayed. ● The system should have a programming capability as under <ul style="list-style-type: none"> ○ Minimum 75 routes UP and DOWN (150 numbers of destinations) on front, side and rear signs. ○ GPS triggered next stop display on Inner sign with synchronized voice announcement for minimum 75 stops on each route. ○ The inner sign should be able to display and announce up to three languages, one after the other in sequence. For example, make display and announcement in English, then Hindi to be followed by local language for benefit of the passengers. Display and announcements should be possible "before arrival" of the bus at the bus stop, "on arrival" of the bus at bus stop and "after departure" of the bus from the bus stop. ○ In event of GPS failure, the above functionality should be possible through manual intervention on BDC. ○ Display driver and conductor ID once in between the stops on Inner sign vi Inner sign should be able to display text and customized graphics and announce up to pre-recorded messages by driver selecting 1~9on BDC display panel of the controller.

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			<ul style="list-style-type: none"> ○ Display customized graphics plus synchronized voice announcement – location based viii Functionality of Display 'clock'-GPS based or 'Default Messages' on Inner sign. ● Display size <ul style="list-style-type: none"> ○ Front minimum 200x1800 mm –one ○ Rear and side: minimum 200x900 mm-one each ○ Inner : minimum100x800 mm –one ○ For Articulated buses 1 front, 2 inner, 2 side sign and one rear will be employed. ○ For midi buses one sign in front of size minimum 200X900 mm, back size minimum 200X900 mm and one inner sign minimum100x800 mm and accordingly the size will be adopted in 12m AC buses as per rules & guidelines. ● Pitch <ul style="list-style-type: none"> ○ Front- maximum. H 13.4 mm x V14.1 mm (maximum H10.5 mm x V 14.1mm for midi buses & as per OEM in 12m buses) ○ Side and rear maximum. H10.5 mm x V 14.1mm ○ Inner 8 x 8 mm maximum ● LED and display quality front, side and rear signs <ul style="list-style-type: none"> ○ Amber colored LED, dominant wavelength 591~595nm (color matched and bin graded). ○ UV resistant, diffused lens 4 mm (minimum) or 'SMT PLCC2 standard package' ○ Wide viewing angle 120° horizontal & 60° Vertical ○ Ensure enhanced readability with full clarity on scrolls and long-life usage by incorporating non multiplexed system (constant current drive circuit) with typical LED Intensity 400~700 mCd at If =20 mA, alternatively multiplexed design (maximum 4:1) with typical LED intensity 950~1150 mCd at 20 ma ● LED and display quality inner sign <ul style="list-style-type: none"> ○ LED amber dot matrix viewing angle 45° all around, intensity minimum 40 mCd, dominant wavelength 590 ~595 nm. ● Structure

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			<ul style="list-style-type: none"> ○ Front ,side, back and rear signs : light weight structure with toughened glass fixed with UV resistant adhesive in front. ○ Inner sign: light weight structure with poly glass /acrylic/toughened glass. ○ Electronic devices used to be 'automotive grade' rated for temperature -25°C to +85°C with conformal coated PCB boards. ○ Power to signs shall be supplied through bus multiplex wiring system. <p>(Note : the size of carriage may increase or decrease as per Authority during Prototype. The Sizes may increase for 12m AC buses according to Govt. norms)</p>
2.	Sec 5.04 Volume- III	LH side 1 no's, Flap door with luggage lock with gas spring and lights	<p>LH side 1 no's, Flap door with luggage lock with gas spring and lights</p> <ul style="list-style-type: none"> • Cabin luggage carrier (CLC)- As per AIS 052 • Width from side wall in mm- 250 (9m to 10m), may rise according to the Govt norms for 12m AC. • Height from roof in mm- 200 (may rise according to the Govt norms for 12m AC). • Design & material- "ABS (acrylonitrile butadiene styrene) ASTM-BS368/better or similar to that in Passenger aero planes • Additional provisions at the underside of CLC:- as required by Authority. • Individual seat reading light- At the discretion of purchaser. Bus should be enabled. • Individually adjustable air conditioning knob- At the discretion of purchaser. Bus should be enabled. • Call button- At the discretion of purchaser. Bus should be enabled. • Cabin luggage carrier- As per AIS 052 • sufficient luggage booth to be provided in addition to parcel racks/hat-racks. • The bus must be equipped with a secure and sturdy roof top carriage system capable of safely carrying & laddering facility for additional luggage, equipment, or other items as required by the Authority. <p>(Note : the size of carriage may increase or decrease as per Authority during Prototype. The Sizes may increase for 12m AC buses according to Govt. norms)</p>

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3.	Volume I, pg.16 Clause 12	Termination due to default Upon Termination of this Agreement on account of Authority's Event of Default, the Authority shall:	if termination occurs due to authority event of default of force majeure. Authority shall give 3-month notice period to the Bus Operator to settle all dues and remove all assets as per the Contract or will pay 3 Months Kilometer Charges (average of last 4 invoice amounts) from the data of termination to the operator."
4.	Clause no 5.2	Subcontracting of any part The Operator shall not be allowed to subcontract any part of the awarded Buses.	Few activities such as bus maintenance and tyre maintenance can be sub-contracted to OEMs. Other activities such as cleaning of buses, depot yard cleaning, can be sub-contracted to local vendors.
5.	Volume III	Annexure – PA5: Performance Appraisal System (PAS)	Removed
6.	Volume-I (Page No.-21) Clause-16 (Performance Security), Volume-II Page No. – 42 Clause - 30: RFP Document Fee and Performance Security	Performance Security: OSRTC shall issue a letter of award (LOA) to the selected Bidder within 15 days from the opening of the financial proposals. Within 15 days of such issuance, the selected firm/agency is required to submit a Performance Security in the form of Bank Guarantee from Scheduled Commercial Bank for an amount equivalent to 10% of the contract value in favour of OSRTC and enter into the contract agreement with OSRTC. The Performance Security shall be valid throughout the entire Contract period.	Performance Security: OSRTC shall issue a letter of award (LOA) to the selected Bidder within 15 days from the opening of the financial proposals. Within 15 days of such issuance, the selected firm/agency is required to submit a Performance Security in the form of Bank Guarantee from Scheduled Commercial Bank for an amount equivalent to 3% of the Annual contract value in favour of OSRTC and enter into the contract agreement with OSRTC. The Performance Security shall be valid throughout the entire Contract period. The Bank guarantee for 2 years and then renewal for the same till Contract period and 60 days thereof that would be taken for satisfactory performance and fulfilment in all respects of the contract.
7.	Schedule Bidding Process	Last date for Bid Submission	26/06/2023 (03:00 PM)
8.	Schedule Bidding Process	Date and time for opening of technical bids	26/06/2023 (05:00 PM)

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9.	Schedule Bidding Process	Date and time for opening of financial bids	29/06/2023 (05:00 PM)

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