

Uttar Pradesh State Road Transport Corporation

Parivahan Bhavan, Mahatma Gandhi Marg

Lucknow-226001 (U.P.)

(A Government of U.P. Undertaking)

Tel. No. : 0522-2628742,2611107,2625453 & Fax: 0522-2628841

उ०प्र० परिवहन निगम



TENDER DOCUMENTS

For

Purchase of Non AC, Semi Deluxe
Fully Built Semi Low Floor (FH 650mm)/Diesel &
CNG BS-III/IV Buses

Tender No.: 1952 MT/11-61V/09(TC) Dated 06-09-2011
(Two Bid System)

Sale of Tender Form : 12-09-2011 to 10-10-2011 Upto 13.00 PM
Prebid Conference : 23-09-11 at 11.00 Hrs.
Last Date of Submission of Tender Form : 10-10-2011 till 16.00 Hrs.
(Technical & Financial Bid)
Date of opening of Technical Bid : 10-10-11 at 17.00 Hrs.

Price Rs. 10,000/- (Non Refundable)

Uttar Pradesh State Road Transport Corporation
Parivahan Bhavan, Mahatma Gandhi Marg,
Lucknow -226001. (UP)
(A Govt. of U.P. Undertaking)
(Tel No:0522-2628742,2611107,2625453 & fax 0522-2628841)

Tender Notice

Sealed tenders are invited from vehicle manufactures for purchases of 170 (One Hundred & Seventy) Non AC Semi Deluxe Fully Built Semi Low Floor(FH 650mm) Buses propelled by CNG-100/Diesel-70. Conforming to BS-III/IV emission standard & Urban Bus Specification issued by ministry of Urban development Govt. of India conforming to AIS 052, CMVR & UPMV Rules under Jawaharlal Nehru National Urban Renewal Mission (JNNURM) scheme.

- 1- The Bidder shall design, manufacture, test, supply & commission the above buses along with undertaking for future warranty, spares, service support.
- 2- Sale of tender form-dtd: 12- 09 -2011 upto 10-10 -2011, last date of submission of tender dtd 10-10-2011 till 16.00hrs, Opening of Technical bid-dtd: 10-10-2011 at 17.00 hrs, Pre bid conference dtd:23- 09-2011 at 11:00 hrs
- 3- EMD: A Refundable Earnest money deposit Rs. 1.00 crore or 2% of the offered tender value (whichever is Lower) in form of Cross D.D.(Cheque not acceptable) in favour of Secretary, U.P. State Road Transport Corporation, Lucknow shall be submitted with technical bid only.
- 4- Firms are required to submit separately TECHNICAL & FINANCIAL BIDS in two Separate Sealed Envelopes.
- 5- Tender Form shall be available from, U.P. State Road Transport Corporation HQ, Lucknow on submission of Tender cost Rs. 10,000/- (non refundable) by D.D. in favour of Secretary, U.P.S.R.T.C. Lucknow. Tender form may also be downloaded from UPSRTC website **www.upsrtc.com** & prescribed tender fee has to be deposited at the time of submission of tender form.

U.P. State Road Transport Corporation reserves the right to increase/decrease quantity or to reject tender without assigning any reason.

Manager Director

**Tender No, 1952 MT/ 11- 61V /09, Date: 06/09/2011 Cost Of Tender: Rs. 10,000/-
Tender for Purchase of Non AC, Semi Deluxe Fully Built Semi Low Floor (FH 650mm)/Diesel & CNG BS-III/IV Buses**

From:.....

.....

.....

To,
Chief General Manager (Tech),
U. P. State Road Transport Corporation,
Head Quarter, Lucknow 226 001

Sub: Tender for Purchase of Non AC, Semi Deluxe Fully Built Semi Low Floor (FH 650mm)/Diesel & CNG BS-III/IV Buses

Dear Sir,

With reference to your Tender Notice published in the news paper, I/We hereby tender to supply Purchase of Non AC, Semi Deluxe Fully Built Semi Low Floor (FH 650mm)/Diesel & CNG BS-III/IV Buses to U.P. State Road Transport Corporation as per your bill of quantity and Terms & Conditions enclosed.

I\We have read the Terms and Conditions of tender attached with the Tender Form, and agree to abide by them. An earnest money of Rs(in words Rs.) in the Form of Demand Draft No: date: draw on enclosed along with the Bill of quantity, Terms and Conditions and Tender Form duly signed and stamped. The security in shape of earnest money and bank guarantee can be forfeited by U. P. State Road Transport Corporation if I/We fail to fulfill the conditions of Tender in case an order is placed on me/us or the offer is withdrawn by me/us unilaterally. ..

1. Signature of Witness

Yours faithfully,

Address:

Date:

(SIGNATURE OF TENDERER IN FULL)
(WITH DUE STAMP)

2. Signature of Witness

Address:

Date:

Note: Tender form contains-_____ Pages, includes bill of quantity Annexure A, B, C, D/E Technical Specification and General Terms & Condition of U.P. State Road Transport Corporation.

GENERAL TERMS AND CONDITIONS

General Terms and Conditions of the Tender for supply of the item mentioned in the bill of quantity, to U.P.S.R.T.C., are given below:

1. Tenders are invited for Purchase of Non AC, Semi Deluxe Fully Built Semi Low Floor (FH 650mm)/BS-III/IV CNG-100/Diesel-70 Buses as per Urban Bus Specification issued by Ministry of Urban development, Govt. of India conforming to AIS 052, CMVR and UPMV Rules under **Jawaharlal Nehru National Urban Renewal Mission (JNNURM) scheme.**

2. The Bidder shall design, manufacture, test, supply & commission the above buses along with undertaking for future warranty, spares, service support.

3. The Tender shall remain open for acceptance for a period of 12 months commencing from the date of opening of the Tender.

2. Tender must be filled in tender form obtainable from the under signed's office on any working day during office hours on payment of Rs.10,000/- which is Non-Refundable till 10.10.2011 at 13.00 PM. The Tender must be properly sealed in two separate envelope i.e. Technical and Financial bid Superscribed with as mentioned in Para-4 and must be submitted in a sealed tender box kept in the office of undersigned not later than 16.00 hrs. on 10-10-2011. Tenders received after due date and time will not be entertained, even if the same is due to postal/Courier delay.

3. EARNEST MONEY:

A sum of Rs.1.00 Crore or 2% of offer tender value (which ever is lower) in the form of DD only from Nationalised bank in favour of Secretary, U.P. STATE ROAD TRANSPORT CORPORATION, LUCKNOW giving reference of the Tender Number should be paid as EARNEST MONEY along with PRE-QUALIFICATION TECHNICAL BID. In case of non-receipt of EARNEST MONEY as prescribed with PRE-QUALIFICATION TECHNICAL BID, Financial tenders shall not be considered for OPENING, EVEN IF THE FIRM IS TECHNICALLY QUALIFIED.

Tender received without EARNEST MONEY shall not be considered on any ground, whether registered with SMALL SCALE INDUSTRIES/ NATIONAL SMALL SCALE INDUSTRIES. Earnest Money in the form of FDRs/CHEQUES etc will not be accepted. No interest shall be allowed on this deposit. Earnest money deposited will be forfeited if: -

- i) The tenderers fail to deposit the required security for performance guarantee as prescribed under clause 32.1 .
- ii) Tender is withdrawn within the period of its validity of 12 months from the date of opening of tender.

4. ADDRESSING TENDER

The Technical & Financial Tender should be given in separate envelope super scribing following.
FOR "TECHNICAL BID FOR Non AC, Semi Deluxe Fully Built Semi Low Floor (FH 650mm)/Diesel & CNG BS-III/IV Buses Due on 10-10- 2011.

And

FOR "FINANCIAL TENDER FOR Non AC, Semi Deluxe Fully Built Semi Low Floor (FH 650mm)/Diesel & CNG BS-III/IV Buses

TO,

THE CHIEF GENERAL MANAGER (TECH)

UP STATE ROAD TRANSPORT CORPORATION HEAD QUARTER, LUCKNOW.

FOR TECHNICAL BID

The last date for receipt of TENDER IS 10-10 -11 upto 16.00 Hours.

Tenders should be put in the TENDER BOX PLACED IN THE CHAMBER OF Chief General Manager(Tech) U.P.S.R.T.C. Lucknow or send by Registered/Speed Post reach on the aforesaid addressed before the schedule date and time.

5. OPENING OF TENDERS

The tenders received will be deposited in the said TENDER BOX. The Technical bids for **all tenders will be opened on 10-10-11 at 17.00 hours** in the presence of tenderer/s or their AUTHORISED REPRESENTATIVE who may wish to be present.

6. ACCEPTANCE OF TENDER

The Corporation is not bound to accept the lowest or any tender, neither to assign any reasons for rejection of the tenders. The tenderer/s on his part is bound by his offer.

7. EARNEST MONEY OF UNSUCCESSFUL TENDERS

Earnest money deposited by the unsuccessful tenderer/s will be returned as soon as possible after the tender has been finalized.

8. DISCHARGE OF TENDER CONDITIONS

The Managing Director reserves the right to reject any tender which does not confirm to any of the above mentioned instructions or which does not accept the conditions laid down by U.P.S.R.T.C.

9. PAYMENT TERMS

The tenderer/s are required to give the acceptance of at least "30 days credit" payment terms. In case the tender is accepted the tenderer will have to submit a **security of 5% of ordered value in the shape of Bank Guarantee** on the prescribed format as annexure-E

10. Tender will be opened by the officers of tender opening committee on 10-10-11 at 17.00 PM. Tenderer/s who desire to be present at the time of opening of the tender may do so either in person or through an authorized agent with due authority in writing.

11. If any tenderer/s withdraws his tender before expiry of the period referred to in para No.3 above. UPSRTC may agree to allow such withdrawal but in such a case **Earnest Money deposited by the tenderer/s shall be forfeited.**

12. If subsequent to the submission of the tender, any tenderer/s request for alteration or modification to the contents of his tender, which are not acceptable to UPSRTC, then, the **tender shall be deemed to have been withdrawn and clause '11' above will be applicable.**

13. Correction, if any made by the Tenderer/s in the offer must bear date and initial of the Tenderer/s.

14. The Managing Director, UPSRTC reserves the right to reject any or all the tenders without assigning any reasons.

15. M.D., UPSRTC reserves the right to accept the tender in full or in part quantity in respect of valid tender.

16. UPSRTC also reserves the rights to place purchase order on more than one source. Tenderer/s should give his acceptance for supply on the eligible lowest rates. In case the purchase order is placed to more than one source, the quantity shall be distributed as per purchase policy of the Corporation.

17. Tenderer/s must give with Technical bid detailed drawing along with seat layout showing all dimensions such as wheelbase, FOH, ROH, overall length, width of gangway, seat pitch, leg space, seat dimensions, door dimension, aggregate specifications, etc . All dimensions/specifications should conform to Urban Bus specifications issued by Ministry of Urban Development, Govt of India under Jawaharlal Nehru National Urban

Renewal Mission (JNNURM), CMVR /U.P. Motor Vehicle Rules and other relevant rules. Base model should be approved by ARAI Pune, It will be the responsibility of the tenderer/s that there is no problem in registration of the vehicle by UPSRTC.

18. Tenderer/s should also submit chassis details as per bill of quantity along with all standard fitments.

19. Non AC, Semi Deluxe Fully Built Semi Low Floor (FH 650mm)/Diesel & CNG BS-III/IV Buses offered have to be delivered according to agreed schedule failing which the Managing Director, UPSRTC may cancel the purchase order and the earnest money deposited and bank guarantee furnished shall be forfeited by UPSRTC. But, M. D., UPSRTC may condone delay of delivery of fully built buses in case he is satisfied that reasons provided by the manufacturer are beyond their control.

20. All fully built buses supplies will be subject to an inspection before being accepted by the Chief General Manager (Tech.) or his authorized representative of the Corporation.

21. In all matters of dispute relating to this Tender the decision of the Managing Director, UPSRTC will be final and binding on Tenderer/s.

22. The Supplier shall arrange orientation training at Central Training Institute, UPSRTC at Kanpur for 3 days for Drivers & Technicians in ratio of 3 to 4 as per number of buses purchased. Training will be provided free of cost as and when required by purchaser during the currency of Purchase Order.

23. Any other condition as per Bill of Quantity and Technical specification and all Annexure enclosed shall also be treated as condition of tender.

24. Any tender that does not contain all the information required according to the conditions status above or deviated from the above conditions on his own shall be liable for rejection.

25. Managing Director, UPSRTC reserves the right to alter any quantity of fully built buses.

26. Rates must be quoted in attached price schedule only at Annexure-D and deposit in separate envelope as mentioned in clause-4 above.

27. Supplies for fully built buses/chassis will have to be made F.O.R destinations/consignee, which in this case will be the SERVICE MANAGER, UPSRTC, LUCKNOW REGION.

28. In case there is a reduction in Government Levies or in cost of Raw Material the benefit of the same will be passed on the UPSRTC.

29. Definition Of Supplier & Purchaser:

29.1 "Supplier" means the person, firm or company with whom the Purchase Order for the supply is placed and shall be deemed to include the Supplier's successors (Approved by the Purchaser), representatives, heirs, executors and administrators, as the case may be, unless excluded by the terms of the Purchase Order.

29.2 And "Purchaser" means Managing Director, Uttar Pradesh State Road Transport Corporation Tehri Kothi, Head Quarter, Lucknow-226001 or his authorized representatives

Rates should be firm for the said period. If on account of decrease in cost of Raw Material or statutory levies, will be passed on the UPSRTC with immediate effect.

Tenderer/s should confirm and Guarantee that the rates quoted are lowest for respective quantity and that there are no other lower rates or discounts etc. (Excluding statutory duties) Quoted to any other STU's and/or Govt. Depts./Undertaking. In case of such default the difference shall be recovered from the ordered Firm/Tenderer/s, after the lower rate quoted in other STU's known from the date of quotation.

30. **PERFORMANCE/BANK GUARANTEE:**

30.1 The Supplier shall furnish Performance Guarantee in the form of Bank Demand Draft or in the shape of a Bank Guarantee in the Performa prescribed in Annexure-E in the bid documents from a Nationalized Indian bank within 30 days from the date of dispatch of the 'Letter of Acceptance' of the bid by the Supplier, for an amount equivalent to **5%** of the value of the Purchase Order valid up to 2 years from date of issuance from bank. For calculating 5% amount, total value of Buses will be taken;. The validity of Bank Guarantee may be extended by the corporation in case of emergent circumstances; time period shall be sole discretion of corporation

30.2 **In case furnishing of Bank Guarantee is delayed by the Supplier beyond the period provided in sub-clause 32.1 and the Bank Guarantee so submitted is accepted by the Purchaser, Liquidated Damages a sum of Rs. 500/- (Five Hundred only) per bus per day shall be levied for the period of delay in submission of the Bank Guarantee.**

30.3 If the Bidder, having been called upon by the Purchaser to furnish Performance guarantee, fails to furnish the same, it shall be lawful for the Purchaser: -

(a) To recover from the Supplier the amount of Performance Guarantee by deducting the amount from the pending bills of the Supplier under any Purchase Order with the Purchaser or the Government.

(b) To cancel the Purchase Order or any part thereof and to purchase or authorize the purchase of the buses at the risk and cost of the Supplier

30.4 On the performance and completion of the Purchase Order in all respects, the Bank Guarantee will be returned to the Supplier without any interest.

30.5 The Purchaser shall be entitled and it shall be lawful on his part to forfeit the amount of the Performance Guarantee in whole or in part in the event of any default, failure or neglect on the part of the Supplier in the fulfillment or performance in all respects of the Purchase Order under reference with the Purchaser or any part thereof to the satisfaction of the Purchaser. The Purchaser shall also be entitled to deduct from the amount of the performance Guarantee any loss or damage which the Purchaser may suffer or be put by, reason of or due to any act or other default, recoverable by the Purchaser from the Supplier in respect of the Purchase Order under reference or any other Purchase Order and in either of the events aforesaid to call upon the Supplier to maintain' the amount of the performance Guarantee at its original limit by furnishing fresh Bank Guarantee of additional amount, provided further that the Purchaser shall be entitled to recover any such claim from any sum then due or which at any time thereafter may become due to the Supplier under this or any other Purchase Orders with the Purchaser."

30.6 The Bank Guarantee shall remain in full force and effect during the period that would be taken for satisfactory performance and fulfillment in all respects of the Purchase Order i.e., till satisfactory commissioning of the buses at consignee's works,.

30.7 The Bank Guarantee and or any amendment thereto shall be executed on a stamp paper of Requisite money value in accordance with the laws applicable in India by the party competent to do so. The Bank Guarantee executed in India by the Supplier shall also be got endorsed by the Collector under section 32 of the Indian Stamp Act, 1899 for adequacy of the Stamp Duty.

31. DELIVERY:

31.1 Delivery Period: Prototype sample of bus duly certified for any statutory requirements with respect to the bus, its components & its aggregates as covered under JNNURM provisions, CMVR, MV Act etc., U.P. Motor Vehicle Rule, any other statutory requirements etc. complete in all respects will be provided for inspection and approval taken within 60 days from the date of award of Purchase Order. The delivery of contracted buses should be completed within the contracted delivery schedule.

31.2 The Supplier shall, as may be required by the Purchaser, deliver at the place/places detailed in the Purchase Order, the quantities of the buses detailed therein. The buses shall be delivered not later than the dates specified in the schedule. The delivery will not be deemed to be complete until and unless the buses are inspected and accepted by the Inspecting Officer as provided in the Purchase Order.

31.3 If the Supplier fails to deliver any or all of the buses or fails to complete the commissioning of the same within the time period (s) specified in the schedule, the Purchaser shall, without prejudice to other remedies under the Purchase Order, deduct from the Purchase Order price, as liquidated damages a sum of **Rs.500/- (Five Hundred Only) Per bus per day** for the delayed quantity of buses or commissioning of the same.

31.4 Notwithstanding any inspection and approval by the Inspecting Officer, ownership of the buses shall not pass on to the Purchaser until the buses have been received, inspected and accepted by the consignee.

32. SETTLEMENT OF DISPUTE AND ARBITRATION:

32.1 In case of strike or any labour problem or closure of the factory, the Supplier will immediately inform of the same to UPSRTC.

32.2 If the Supplier declares insolvency or enter into liquidation whether compulsory or voluntary but for the liquidation for the purpose at the reconstruction or suffer an execution for the debt to be levied against him or compounds with the creditors for the settlement of this debts, the UPSRTC would require the assigned work to be completed and if this requisition is not satisfactorily complied with, within 7 days from the date of his notice, the Managing Director, UPSRTC, may issue a notice to the Supplier in writing to rescind the Purchase Order at the cost and risk of Supplier. The M.D. UPSRTC shall there upon have the authority to enter into a fresh Purchase Order with any other person, firm or company for the completion of the same, without prejudice to his right to recover the losses sustained by the corporation on account of damages under the Purchase Order, shall be recovered as an arrear of land revenue under the provisions of the U.P. Public Moneys (Recovery of Dues) Act 1972 or as may be demand proper by the Corporation..

32.3 Nothing under the Purchase Order clauses contained shall debar the Corporation from recovering the losses from the Supplier by suit or by other means, such extra costs, shall also be recovered from the Supplier. Any legal proceedings arising between the Corporation and the Supplier if it is a must shall be instituted in the Courts situated in LUCKNOW alone and not anywhere's in the country.

32.4 Any dispute arising out for in connection with the Purchase Order shall be referred to the sole arbitration of the Managing Director or his nominee not below the rank of General Manager whose decision shall be final binding both. (Supplier and UPSRTC). Subject to the provision of Arbitration & Conciliation Act 1996,

33. Warranty:

33.1 The Supplier will be responsible for any defect or failure of Buses/chassis or equipments provided in these buses/ chassis due to defective design, material or workmanship, for a period of three years from the date of placement in service after registration from Transport Department U.P. The rectification/ replacement of failed components/ equipments will have to be undertaken by the Supplier free of charge at Purchaser workshop/depot, and shall collect the failed components /equipments from Purchaser site and send them to the works of the suppliers. This will be arranged directly by the Supplier or his representative. Further, should any design modification be required to be made in any part of the buses, the period of three years of operation would commence from the date when the modified part is commissioned in service. For A.C. plant & accessories guarantee will be of 36 months.

33.2 The Supplier will be required to station required number of competent engineers/supervisors along with necessary spare parts during commissioning of these Buses. Necessary technical personnel will also be deputed by the Supplier at his cost for investigating defects and failures and carrying-out modifications as and when required during the warranty period,

33.3 The above warranty will be applicable for all assemblies, sub-assemblies, components, parts etc. of the buses/chassis except for tyres & batteries for which, manufacturer's warranty will be applicable. Replacement of tyres will however be Purchaser responsibility after wear & tear and needing replacements.

33.4 The Bidder should give written guarantee / Warranty in the proforma enclosed at Annexure -B

34. APPROVAL OF DESIGN:

34.1 The design should conform based on the information given in the Technical Specification on annexure-A filled by the Supplier and sound engineering practices. The design should also conform to the norms fixed by INNURM provisions, ARAI Pune, CMVR, UPMVR & other Statutory Rules.

35. INSPECTION OF BUSES AT SUPPLIER PREMISES:

35.1 The fully built prototype and remaining buses shall be jointly inspected by the Supplier and the consignee for completeness and satisfactory condition of all equipments/components. Damages, defects and deficiencies, if any, shall be noted and the Supplier shall initiate immediate action for making good the same under advice to the Purchaser.

35.2 The inspection of fully built bus is to be done by inspection committee constituted by Managing Director, UPSRTC not below the rank of Service Manager, and is to be carried out in two stages.

a- First Stage : After completion of structure

b- Final Stage : Before delivery

36. SUBMISSION OF DRAWINGS:

36.1 The bidder shall be required to provide three sets of general drawings comprising of elevations sides, front & rear end along with main dimensions, isometric views, exterior & interior details, Seating layouts, environmental friendly colour scheme of their choice etc. along with their Bid. Three complete sets of Compact Disc (CD) loaded with the fabrication drawings along with three sets of hard copies shall be supplied by the Supplier to the Purchaser in advance of dispatch of the Buses from the Manufacturer's works.

37. PRE-QUALIFICATION BID

37.1 Pre-Qualification Questionnaire is attached at Annexure-C(1) which is to be filled by Bidder in the Performa itself point wise which is mandatory otherwise the Bidder may be disqualified.

38. MISCELLANEOUS

38.1 The tenderer/s should submit lowest rate certificate applicable for supply to Government Departments/STU's along with offer which is compulsory.

The tenderer/s should provide ARAI certificate duly certified conforming.

That offered Buses are approved by ARAI Pune. The ARAI certificate should be complete with details of Vehicle dimension, technical specification and body specifications of vehicle. MoUD specifications for reference are annexed at F.

SIGNATURE OF TENDERER
(WITH STAMP)

SIGNATURE OF G.M. (TECH.)
(WITH STAMP)

Downloaded from
www.upsrtc.com

BILL OF QUANTITY

PARIVAHAN NIGAM MUKHYALAYA
U.P. STATE ROAD TRANSPORT CORPORATION
TEHRIKOTHI, LUCKNOW

Bill of quantity of Purchase of Non AC, Semi Deluxe Fully Built Semi Low Floor (FH 650mm)/Diesel & CNG BS-III/IV Buses

Purchase of Tender Form dt. 12-09-11 to 10-10-11 upto 13.00 PM
Prebid Conference 23-09-11 at 11.00 hrs
Last date for submission of Tender Form is dt. 10-10-11 at 16.00 hrs
Date of opening of Technical bid is dt. 10-10-11 at 17.00 hrs.

Sr. No.	DETAILS OF ITEM	Quantity
1-	<u>Fully built Buses :</u> Non AC, Semi Deluxe Fully Built Semi Low Floor (Max FH 650mm)/Diesel & CNG BS-III/IV Buses	100 Nos. CNG 70 Nos. Diesel

NOTE:

1-**Supply schedule:** one prototype bus of each type within 30 days and after satisfactory inspection of prototype buses remaining buses to be delivered as per schedule give by corporation. The delivery plan should be such that supplies are affected in shortest period of time. Supplier shall indicate period required for affecting full supplies as elaborated in annexure c(1) pt 7.

Technical Specification of Buses:

The specifications of low floor and semi floor buses will be as the “Urban Bus Specifications” guidelines given by MoUD. A broad specifications of various bus configuration is Tabulated below:

Details of the bus configuration options are tabulated as under. Please specifically tabulate each & every head offered for the product separately for both type of buses i.e. CNG & Diesel.

S.NO.	Floor Height Item	Required Specifications for Semi low Floor bus configuration
		650 mm Semi Deluxe
1.	Engine	
i.	Type	Compression Ignition, externally cooled, Turbo charged & inter-cooled DIESEL/CNG Fuelled *Please do Mention following;- (1) Engine Horse Power (2) Engine Break Specific Fuel consumption
ii	Location	Could be either Front or Rear * pl see footnote at 2
iii	Fuel	DIESEL/CNG
iv	Engine HP sufficient to provide	
	An acceleration (meter/sec/sec) of more than	0.5 0 – 30 kmph in 10 seconds Max. speed 30-90 kmph
	Gradeability from stop at its GVW in degrees	17
v	Max torque Nm at	Max Engine torque required at lower range of RPM and spread over a wider range of RPM
vi	Emissions norms	BS III/IV
2.	Gear Box	Heavy duty automatic transmission with Torque Converter and in built in Retarder(optional) * pl see footnote at 2
3.	Rear Axle	Single reduction, hypoid gears, fully floating axle hafts with optimal gear ratios
4.	Front Axle	Heavy duty Axle suitable for various floor heights.
5.	Steering system	Hydraulic power steering.
6.	Suspension system	
i.	Front	Air suspension with 2 nos. air bellows
ii.	Rear	Air suspension with 4 nos. air bellows
iii.	Anti roll bars	Rear and Front
iv.	Shock absorbers	Hydraulic double acting 2 at front & 4 at rear

7.	Braking System	ABS Optional
8.	Electrical system	24 volt DC. Bus body shall have a Master Master type Multiplexed wiring system with onboard diagnostic display system. The Multiplexing system shall have current measurement of each output & automatic trip facility. The Multiplexing wiring system shall be integrated with the common controller of destination signs, to enable back office monitoring & control centre to monitor & analysis vehicle health
9.	Tyres	Nylon/Radial 10.00 x 20
10.	Fuel Tank	Capacity>150 lts/120 Kg or Cylinder water capacity of 80 lts.x 9=720 lts.
11.	Air conditioning (for flow floor high HP super deluxe buses only). Cooling function, for about 12 hrs. daily Air conditioning system to be roof mounted. Power supply from bus engine	All buses in these categories to be non air conditions
12.	Bus dimensions and other details as per Bus code (AIS 052)	
i.	Bus length	10000 to 12000mm (minus tolerance of up to 100 mm)
ii.	Bus width	2600 mm (minus tolerance of up to 100 mm)
iii.	Bus height	3800 mm max
iv.	Wheel base	6100 ± 600mm tolerance
v.	Front Overhang	Not exceeding 45% of the wheel base.
vi.	Rear Overhang	Not exceeding 60% of the wheel base.
vii.	Angle of approach (unladen)	Min. 8 degrees.
viii.	Angle of departure (Unladen)	Min. 8 degrees.
ix.	Ramp Over angle (Half of the Break over angle)	Minimum 4.8 to 5.1 degrees, as per wheel base.
13.	Maximum Floor Height above ground (mm) unladen	650mm
i.	Axle Clearance (mm)	Min. 190 mm
ii.	Wheel Area Clearance (mm)	Not less than 250mm for parts fixed to the bus body and 200mm for the parts that move vertically with the axle.
iii.	Minimum Ground Clearance (mm)	Within the wheel base not less than 270mm with bus unknelted
14.	Front and Rear Service doors	
i.	Door aperture	At least 1 door should not be less than 1200 mm and other could be 650mm
ii.	Clear Doorwidth	1000 ±50mm (in fully open condition)
iii.	Door height	1900mm (min)

iv.	Type of Door	Door opening should be preferably in swinging.
v.	Position of Service Door	Max 1500mm ahead of the Centre of the Rear Axle, Front door ahead of the front axle.
vi.	First step height of Service door	Maximum 400 mm for the 1 st step from Ground (Unkneeled), 250mm max. for other steps
15.	Ramp for wheel chair width of ramp minimum 900mm. Material- Aluminium alloy with anti-slip coating with a load carrying capacity of 300 kgs, equipped with a device to prevent the wheel chair roll off the sides when the length exceeds 1200mm	Optional
16.	Type of Bus Body	Details of shape of type 1 Non Deluxe (NDx) as per Bus Code(AIS 052)
		Floor material as Marine plywood board of 19mm thickness, superimposed with Anti-skid type Silicon grains of non-skid material of silicon grain of minimum 3mm thickness.
17.	Safety Glasses and Fittings:	
i.	Front Windscreen	Laminated Safety Glass Plain, flat with curved corners with PVB film insert. (1000-1300)* [(1000-1200*5.5*2 pieces) or (2300-2500*8mm* one piece)]
ii.	Side Window	Flat, 2 piece design with top fixed & bottom sliding toughened glasses of adequate thickness for all buses except for AC Buses. In AC buses there shall be provision for adequate ventilation in case of AC failure. Min. width & height of windows should be 550 mm respectively
iii.	Rear Windscreen	Single piece curved toughened glass with plain/flat at center and curved at corners of adequate thickness.
iv.	Emergency Exits:	Atleast 1 emergency doors/exits or aperture, dimension 1250mm X 250mm (for emergency window-min. 4000 Sq. cm.
18.	Passenger Seats:	2*2 with seats as per bus code for semi deluxe
19.	Lighting: Passenger Compartment	Sunken type tube light assembly of 20W each.
20.	Wind Screen Wiper:	Two numbers Electrically operated, complete with two wiper arms & blades, wiper motor of heavy-duty steel body with preferably minimum 2-speed operation.
21.	Gangway	Min. height 1900mm, min. width 450mm
22.	Fire extinguisher	Mandatory
23.	First Aid Box	Mandatory
24.	Audio Visual System in line with AIS 052	Mandatory
25.	Guard rails	As per Urban Bus Specification.

26.	Destination Board	As per Urban Bus Specification.	
27.	Pad material & Upholstery	As per Urban Bus Specification.	
28.	Stanchion	As per Urban Bus Specification.	
29.	ITS related requirement	Passenger LED display Boards	4 LED boards- Front display, Side display, Rear display, Internal display as per specifications enlisted in MoUD guidelines.
		Passenger information systems	Required (audio Visual)
		Firmware accessibility	All firmware/handshake related to output devices shall be made available to corporation so that integration of devices to Integrated Controller (to be fitted later by corporation as part of ITS project) is made possible.
		Vehicle Tracking Systems	Bus architecture should be compatible with ITS
		Integrated Controller (Mini Computer)Arrangement	4.5 Amp current should be provided & suitable space for mounting size 19(L)x12(D)x 16(H) inches. And "Procurement should promote products from manufacturing facilities in India, as the funding is being done as part of the economic stimulus package." "The system on the Bus should be such that a single controller compatible with Ticketing machine, smart card reader, Passenger Information system (Audio & Visual) Vehicle Tracking System, Two or Three Cameras having a facility of recording for atleast 48 hours. The controller memory size should be minimum 64 mega byte, communication interface the controller should include RS485 & RS232 (atleast 2 ports) & CAN2B & USB host ." Please ensure that buses produced at your end should comply with above guidelines to be extent of relevance.
30.	Lighting	Fog Lamp to be categorically provided as per AIS 052	

NOTE:

1- For these Buses crash worthiness requirements, warning triangle, Drivers working space, Rear view mirrors & safety glasses should conform to CMVR & relevant AIS specs

2- Please quote your offer & rates (In financial Bid only) as per following combination of parameters;-

Rear Engine	&	Automatic Transmission
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ANNEXURE -A

U.P. STATE ROAD TRANSPORT CORPORATION
TEHRI KOTHI, MAHATMA GANDHI MARG,
LUCKNOW.

INFORMATION ON TECHNICAL SPECIFICATIONS (TO BE SUBMITTED BY THE VEHICLE MANUFACTURER) should conform JnNURM/AIS 052 & other relevant AIS /CMVR/U.P.M.V.R. and Statutory Rules:

SI. No.	<u>DESCRIPTION</u>
1	<u>Details of Vehicle Manufacturer</u>
1.1	Vehicle Manufacturer Name & Address
1.2	Telephone No.
1.3	Fax No.
1.4	E mail Address:
1.5	Contact person:
1.6	Type & General Commercial Description (s):
1.7	Plant/(s) of Manufacture:
2	<u>Vehicle Characteristics</u>
2.1	Name of Model & Variants:
2.1.1	Testing agency, Certificate No. & date of Type approval of Bus
2.1.2	Approval agency, certificate No. & date for approval of fully built integral bus.
2.2	Type of Control (normal control/Full forward control etc.)
2.3	Wheel bade (s):
2.4	Number of Axles & Wheels:
2.5	Bus integral Frame (Overall drawing):
2.6	Cross sectional view:
2.7	Position & arrangement of engine:
2.7.1	Dimension (in mm) (Specify drawing reference :)
2.8	Bus Length mm:
2.9	Bus Width MM:
2.10	Bus Height (nladen) mm:
2.11	Wheel base mm:
2.12	Wheel Track mm:
2.12.1	Front:
2.12.2	Rear:
2.13	Body Overhang mm:
2.13.1	Front end:
2.13.2	Rear end:
2.14	Details of Assemblies: Make, type, type approval certificate No. & date etc
2.14.1 A	Engine
2.14.1 B	Engine Horse Power
2.14.1 C	Engine Break Specific Fuel consumption
2.14.2	Transmission
2.14.3	Front Axle
2.14.4	Rear Axle
2.14.5	Steering
2.14.6	Suspension System
2.14.7	Details of Brake System
2.14.8	Cooling System
2.14.9	Wheels & Tyres
2.14.10	Others

3	Body
3.1	Type of Body: (Type-1, As per bus code)
3.2	Comfort Category: (NDX, As per Bus code)
3.3	Dimension drawing & photograph of the vehicle with representative body:
3.4	Range of Vehicle dimension (overall):
3.5	Material used for construction:
3.5.1	Structure Material:
3.5.2	Size of Sections (Proposed to be used)
3.6	Area for Passenger (m ²):
3.6.1	i) For Seated Passengers:
3.6.2	ii) For Standing Passenger:
3.7	Number of Passenger:
3.7.1	i) Seated: (Specified minimum 32 nos.)
3.7.2	ii) Standing: (As per bus code)
3.8	Number of Passenger seats: (As per Seat Layout)
3.9	Passenger Capacity:
3.9.1	i) Maximum (including driver):
3.9.2	ii) Minimum (including Driver):
4	Max. Stable Inclination:
4.1	i) Left
4.2	ii) Right
5	Tyres:
5.1	No. & Arrangement of Wheels:
5.1.1	i) Front:
5.1.2	ii) Rear:
5.1.3	iii) Others:
5.2	Inflation Pressure -Unladen:
5.2.1	i) Front:
5.2.2	ii) Rear:
5.2.3	iii) Others:
5.3	Inflation Pressure-Laden:
5.3.1	i) Front:
5.3.2	ii) Rear
5.3.3	iii) Others
6	Body Panels & Flooring:
6.1	Outer Panels:
6.1.1	Material:
6.1.2	Thickness:
6.2	Inner Panels:
6.2.1	Material:
6.2.2	Thickness:
6.3	Roof Panels:
6.3.1	Material:
6.3.2	Thickness:

6.4	Flooring:
6.4.1	Material:
6.4.2	Thickness:
6.4.3	Type of Anti-skid Coating & Thickness:
7	<i>Service Doors:</i>
7.1	No. of Service Doors:
7.2	Position of Service Doors:
7.3	Dimension of Service Door:
7.3.1	1) Front
7.3.1.1	Height
7.3.1.2	Width:
7.3.2	ii) Rear
7.3.2.1	Height:
7.3.2.2	Width:
7.3.3	iii)
7.3.3.1	Height
7.3.3.2	Width:
8	Emergency Exit:
8.1	No. of Emergency Doors:
8.2	Position of Emergency Doors:
8.3	Dimension of Emergency Door:
8.3.1	i) 1st Height:
8.3.1.1	Width:
8.3.2	i) 2nd Height:
8.3.2.1	Width:
9	Emergency Windows
9.1	No. of Emergency Windows:
9.2	Position of Emergency Windows:
9.3	Area (HxW in sq. m.):
10	Floor
10.1	Floor Height from the ground (unladen):
10.2	Slope of Floor (if any, with horizontal-longitudinal plane):
11	Gangway:
11.1	Height:
11.2	Width (Diameter of ganging device-lower cylinder):
11.3	Width (Diameter of gauging device-upper cylinder):
12	Handrails, Handholds, Stanchions & Window Guardrails:
12.1	Position (attach dimension layout):
12.2	No. of Handholds:
12.3	Dimensions of Handholds:
12.4	Type of anti-slip Coating/Covering on stanchions & hand rails:
12.5	Details of Stanchions
12.6	Details of Window Guardrails.
13	Entrance/Exit Guard:
13.1	Height from the floor

13.2	Projection from the side wall:
14	Passenger Seats
14.1	type of seats
14.2	Details of Seat Materials
14.3	Seat Layout(Drawings):
14.4	Seat Width
14.5	Width of available space for one seating position
14.6	Height of Backrest:
14.7	Depth of Seat Cushion (base):
14.8	Seat pitch:
14.9	Seat Base Height
14.10	Torso Angle:
14.11	Seatbase thickness:
14.12	Seat back thickness:
14.13	Clearance space for seated passengers facing partition:
14.14	Free Height over seating Position:
14.15	Drawing indicating the seat back angle, seat travel, H-point, Rake angle, F dimension and steering wheel position (Ref. document ARAI005CMVR101(2) December 1992):
15	Driver Partition:
15.1	Dimension of partition with respect to rear edge of driver seat: (Rear most position of Driver Seat)
16	Driver Area
16.1	Width from the right side wall:
16.2	Distance from H- point to Roof Top:
16.3	Distance between Heel point & H- point:
16.4	Distance of H- point from Floor:
16.5	Distance of lower end of steering wheel from driver seat back:
16.6	Thigh clearance of Steering Wheel:
17	External Projections:
17.1	Ornaments:
17.2	Projection of Head Light:
17.3	Radiator Grills (Applicable of on external surface):
17.4	Gap between individual elements:
17.5	Radius of curvature of individual elements:
17.6	Body Panel (in case of radius of curvature of folds in body panels are less than 2.5 mm the sealed drawing of folds contour and H value as per Annex- A of
18	Power operated Service Door
18.1	Make & identification:
18.2	Name of the Manufacturer:
18.3	Position of Control:
19	Automatic Service Door:
19.1	Make & identification:
19.2	Name of the manufacturer:

19.3	Position of Control:
19.4	Control Circuit (Schematic diagram):
20	Emergency Door- Warning Device:
20.1	Make & identification:
20.2	Name of the manufacturer:
20.3	Position of Device:
21	Door Locks & Hinges:
20.1	Doors:
20.2	No. of Doors.
20.3	Position & Type of Door:
20.4	Door Lock:
20.4.1	Name of Manufacturer:
20.4.2	Identification Mark:
20.4.3	Standard/Standard mark:
20.5	Door Hinge:
20.5.1	Name of Manufacturer:
20.5.2	Identification Mark:
20.5.3	Standard/Standard mark:
21	Safety Glass:
21.1	Front Wind shield (Laminated):
21.1.1	Make & identification:
21.1.2	Type (Flat, Clear):
21.1.3	Thickness mm:
21.1.4	No. of Pieces
21.1.5	Wind shield Mounting arrangement
21.1.6	Standard/Standard mark:
21.2	Side Windows:
21.2.1	Make & identification:
21.2.2	Type (Flat & Clear):
21.2.3	Thickness mm:
21.2.4	Window Mounting Arrangement:
21.2.5	Standard/Standard mark:
21.3	Rear Windscreen:
21.3.1	Make & identification
21.3.2	Type (Flat & Clear):
21.3.3	Thickness mm:
21.3.4	No. of pieces:
21.3.5	Wind Screen Mounting Arrangement
21.3.6	Standard/Standard mark:
22	Rear View Mirror:
22.1	Left:
22.1.1	Name of Manufacturer:
22.1.2	Type:
22.1.3	Dimension & Radius of Curvature:
22.1.4	Standard/Standard mark:
22.2	Right:

22.2.1	Name of Manufacturer:
22.2.2	Type:
22.2.3	Dimension & Radius of Curvature:
22.2.4	Standard/Standard mark:
22.3	Indisde:
22.3.1	Name of Manufacturer:
22.3.2	Type:
22.3.3	Dimension & Radius of Curvature:
22.3.4	Standard/Standard mark:
22.3.5	Sketch showing mounting arrangement of mirrors:
23	Wind Screen Wiper:
23.1	Type:
23.2	No. of Wipers:
23.3	Wiper Motor:
23.3.1	Name of manufacturer:
23.3.2	Type and identification:
23.3.3	Rated Voltage:
23.3.4	Frequency of wiping:
23.3.5	Standard/Standard mark:
23.4	Wiper Arm:
23.4.1	Length:
23.4.2	Manufacturer & Identification:
23.4.3	Standard /Standard mark:
23.5	Wiper Blade:
23.5.1	Length:
23.5.2	Manufacturer & identification:
23.5.3	Standard/Standard mark:
23.6	Rubber Material:
23.6.1	Type of Fixing (As per IS: 7827):
24	Warning Triangle
	Details of manufacturer, conformation to AIS code, dimension
25	Wind Screen Washer:
25.1	Name of manufacturer:
25.2	Type:
25.3	Number of Nozzles:
25.4	Spray Area:
25.5	Standard / Standard mark
26	Equipment for Occupants Safety:
26.1	Driver Seat Belt:
26.1.1	Name of Manufacturer:
26.1.2	Type:
26.1.3	Number:
26.1.4	Standard / Standard mark

26.2	Driver Seat Belt Anchorage:
26.2.1	Name of Manufacturer:
26.2.2	Type:
26.2.3	Number:
26.2.4	Standard / Standard mark
26.3	Head Restraint:
26.3.1	Name of Manufacturer:
26.3.2	Type:
26.4	Passenger Seat:
26.4.1	Name of Manufacturer:
26.4.2	Type:
26.4.2.1	Standard/Standard Mark:
26.4.3	Frame Structure Material:
26.4.4	Section Size
26.4.5	Pad material
26.4.5.1	Standard/Standard Mark:
26.4.6	Upholstry:
26.4.6.1	Standard/Standard Mark:
27	Bumper:
27.1	Material:
27.2	Size:
27.2.1	Front:
27.2.2	Rear:
27.3	External Projection:
27.4	Clearance between bumper & body:

28	Fuel Filter:
28.1	Ultra Fast filling Bus receptacle alongwith full capacity filling time:
28.2	Aperture:
28.3	Position:
28.4	Standard/Standard Mark:
29	Fire Extinguisher:
29.1	Number:
29.2	Type:
29.3	Capacity:
29.4	Name of Manufacturer:
29.5	Standard/Standard Mark:
30	First Aid Equipment:
30.1	Number:
30.2	Contents:
31	Towing Devices:
31.1	Type:
31.2	Name of Manufacturer:
31.3	Capacity:
32	Number plate Lamp:
32.1	Name of Manufacturer:
32.2	Type and Identification:
32.3	Number & Colour:
33	Tail Lamp:
33.1	Name of Manufacturer:
33.2	Type and Identification

33.3	Number & Colour:
33.4	Standard/Standard Mark:
34	Parking Lamp:
34.1	Front:
34.1.1	Name of Manufacturer:
34.1.2	Type and Indemnification
34.1.3	Number & Colour:
34.1.4	Standard/Standard Mark:
34.2	Rear:
34.2.1	Name of Manufacturer:
34.2.2	Type and Identification
34.2.3	Number & Colour:
34.2.4	Standard/Standard Mark:
35	Stop Lamp:
35.1	Name of Manufacturer:
35.2	Type and Identification
35.3	Number & Colour:
35.4	Standard/ Standard Mark:
36	Reversing Lamp:
36.1	Name of Manufacturer:
36.2	Type and Identification:
36.3	Number & Colour:
36.4	Standard/Standard Mark:
37	Direction Indicator:
37.1	Front:
37.1.1	Name of Manufacturer:
37.1.2	Type and Identification
37.1.3	Number & Colour:
37.1.4	Standard/Standard Mark:
37.2	Rear:
37.2.1	Name of Manufacturer:
37.2.2	Type and Identification

37.2.3	Number & Colour:
37.2.4	Standard/Standard Mark:
37.3	Side:
37.3.1	Name of Manufacturer:
37.3.2	Type and Identification
37.3.3	Number & Colour:
37.3.4	Type of Flasher:
37.3.5	Standard/Standard Mark:
38	Emergency Signaling Equipment:
38.1	Front:
38.1.1	Name of Manufacturer:
38.1.2	Type and Identification
38.1.3	Number & Colour:
38.1.4	Standard/Standard Mark:
38.2	Rear:
38.2.1	Name of Manufacturer:
38.2.2	Type and Identification
38.2.3	Number & Colour:
38.2.4	Standard/Standard Mark:

38.3	Side:
38.3.1	Name of Manufacturer:
38.3.2	Type and Identification

38.3.3	Number & Colour:
38.3.4	Standard/ Standard Mark:
39	Reflector:
39.1	From:
39.1.1	Name of Manufacturer:
39.1.2	Type and Identification
39.1.3	Number & Colour:
39.1.4	Area:
39.1.5	Standard/Standard Mark:
39.2	Rear:
39.2.1	Name of Manufacturer:
39.2.2	Type and Identification
39.2.3	Number & Colour:
39.2.4	Area:
39.5	Standard/Standard Mark:
39.3	Side:
39.3.1	Name of Manufacturer:
39.3.2	Type and Identification
39.3.3	Number & Colour:
39.3.4	Area:
39.3.5	Standard/Standard Mark:
40	Top Light:

40.1	Name of Manufacturer:
40.2	Type and Identification
40.3	Number & Colour:
40.4	Standard/Standard Mark:
41	Internal Lighting & Illumination:
41.1	Driver Cab Lighting:
41.1.1	Type:
41.1.2	Name of Manufacturer
41.1.3	Number
41.1.4	Illumination Intensity:
41.1.5	Standard /Standard Mark:
41.2	Passenger Compartment Lighting:
41.2.1	Type:
41.2.2	Name of Manufacturer
41.2.3	Number
41.2.4	Illumination Intensity:
41.2.5	Standard/Standard Mark:
41.3	Other Area Lighting:
41.3.1	Type:
41.3.2	Name of Manufacturer
41.3.3	Number
41.3.4	Illumination Intensity;
41.3.5	Standard/Standard Mark:
42.	Electric Circuit:
42.1	Circuit: Diagram (attach details):
43	Electric Cables:
43.1.2	Name of Manufacturer:
43.1.3	Conductor Cross Selection:
43.1.4	Insulation Class:
43.1.5	Standard/Standard Mark:

ANNEXURE-B**LIFE GURANTEE/WARRANTY OF THE BUS AGGREGATES ACCEPTED BY
VEHICLE MANUFACTURERS**

Sl. No.	Item	Gurantee		Warranty	
		In Kms.	In Months	In Kms.	In Months
1	Engine				
2	Oil Filter				
3	Air Filter				
4	Gear Box				
5	Clutch				
6	Front Axle				
7	Rear Axle				
8	Steering				
9	Air suspension				
10	Battery				
11	Alternator				
12	Self- starter				
13	Pneumatic door cylinder				
14	Others				

PRE-QUALIFICATION QUESTIONNAIER

The pre-qualifications of Suppliers shall be judged with regard to following points which is mandatory, In case of not meeting these points with supporting document the tenderer/s may be disqualified:

1. **The firm should be vehicle manufacturer only.**
2. **The Buses/Chassis provided by manufacturer/Supplier should be fitted with aggregates as per specifications mentioned.**
3. **The bidder should provide ARAI certificate duly certified conforming that offered chassis are approved by ARAI, PUNE. The ARAI certificate should be complete with details of vehicle dimensions, technical & body specifications of vehicle.**
4. **The fully built bus body should conform to Urban Bus Specification issued by ministry of Urban development Govt. of India and as per CMVR, UPMV Rules & relevant AIS norms under Jawaharlal Nehru National Urban Renewal Mission (JNNURM) scheme.**
5. **Bidder should confirm adequate availability of spare parts in and after sales services for buses offered in bid attach list.**
6. **Bidder shall furnish the information on past supplies and their satisfactory performance, to Govt Departments /STUs. Attach proof of purchases.**
7. **Firm shall clearly mention shortest supply period, in days, from placing confirmed order date, within which supplies shall be affected for each type of buses**

ANNEXURE-C(2)

1. It is hereby certified that we have understood the Instructions to Bidders, General terms & Condition, Technical specification Submitted by Bidder in proforma attach, Schedule of Requirements and all other terms and conditions given in the bid documents and have thoroughly examined the specification given in the bid documents. We are fully aware of the type of Buses required and bus offer is to supply the Buses strictly in accordance with the requirements and according to the terms of Bid document. We agree to abide by the General Conditions of Purchase Order and other conditions of the bid in accordance with the bid documents.
2. We hereby offer to supply the Buses detailed above or such portion thereof as the Purchaser may specify in the Letter of Acceptance/Purchase Order at the price quoted and agree to hold this offer open for acceptance for a period of 365 days from the date of opening of tender.
3. Earnest Money Deposit for an amount of Indian Rs. 1.00 Crore (Rs. One Crore only) or 2% of the offered tendered value which ever is lower in the prescribed format.

NOTE

(i) In case of discrepancy between unit price and total price, the price as favorable to the purchaser shall prevail.

(ii) In case of difference between the price in figures & words, the price quoted in words will prevail.

(iii) Instructions contained in the 'Instructions to Bidders', General terms & Condition, Technical specification

Submitted by Bidder in proforma attach, Schedule of Requirements may be carefully studied before filling up this 'Price Schedule.

SIGNATURE AND SEAL OF THE BIDDER

FINANCIAL BID TO BE SUBMITTED IN SEPRATE ENVELOPE
PRICE SCHEDULE

The Managing Director
 UPSRTC,
 H.Q. Lucknow.

We, M/s (Name of the bidder/firm) here by certify that we are an established firm of manufacturers with factories at which are fitted with modern equipment.

The production methods, quality control and testing of ail materials and parts manufactured or used by us are! Shall be open to inspection by the representative of the Purchaser. We hereby offer to supply the following items at the price indicated below:-

PRICES FOR BUSES (IN INDIAN RUPEES)

Item No.	Descriptions & model No	Unit	Quantity	Each- Bus Price destination Service Manager UPSRTC, lucknow	Total Price Destination Service Manager UPSRTC, lucknow
1.	2.	3.	4.	5.	6.

Break up of price in Column-5 (Indian Rupees)

Basic Price	Packing charges if any	Excise Duty	Other levies	Sales Tax	Forwarding charges	Insurance Charges	Freight to Destination	Any other Charge	Destination Service Manager UPSRTC Lucknow
1	2	3	4	5	6	7	8	9	10

Acceptance for supply on eligible lowest Rate Yes/No

CERTIFICATE

This is to certify that rates quoted above are lowest and that no other lower rate or discount etc than this is quoted to any other STU's and/or government Depts. /Undertaking. In case of such default the difference shall be recovered from us from the date of Tender (Excluding Statutory Duties).

ANNEXURE -E
ON STAMP PAPER

PROFORMA OF BANK GUARANTEE FOR 5 % PURCHASE ORDER VALUE
TOWARDS PERFORMANCE GUARANTY/SECURITY

The Managing Director.
Uttar Pradesh State Road Transport Corporation
H.Q.Lucknow-226001.

Purchase Order No..... Date.....

1. This deed of Guarantee made this day ofbetween a Bank incorporated under Banking Acthaving H.O. at and a Branch office at.....(hereinafter called the "bank") on the one part and UPSRTC a Statutory corporation constituted under RTC Act 1950 having H.O. at Tehri Kothi, Parivahan Bhawan, Lucknow (hereinafter called "the Purchaser") of the other part.

Whereas Managing Director. U.P State Road Transport Corporation has awarded the Purchase Order for Supply of Non AC, Semi Deluxe Fully Built Semi Low Floor (FH 650mm)/ Diesel & CNG BS-III/IV Buses (herein called the Supplier) to:

.....
(Name of Supplier) (hereinafter called the Supplier)-

3. AND WHEREAS the Supplier is bound by the said Purchase Order to submit to the Purchaser a Performance. Security for a total amount of Rs.....(Amount in Figures and, words).

4. Now we undersigned (Name of the signatories)_____ being fully authorized to sign and incur obligations for and on behalf of and in the name of(Full name of bank)herby declare that the said bank will guarantee the purchaser the full amount of Rs. _____ (Amount if figure& words).

5. After the Supplier has signed the aforementioned Purchase Order with the purchaser, the bank is engaged to pay the purchaser any amount up to and inclusive of eth aforementioned full amount upon written order from the purchaser to indemnify the purchaser for any liability or damage resulting from any defects or shortcomings of the Supplier are the depth he may have incurred to nay parties involved in the work under the Purchase Order mentioned above, whether these defect or shortcomings or debts are actual or estimated or expected. The bank shall delivered the money require by the purchaser immediately on demand without the necessity of a previous notice or of judicial or administrative procedures and without it being necessary to prove to the Bank the liability or damage resulting from am defects or shortcomings or debts of the Supplier. The Bank shall pay to the Purchaser in LUCKNOW any money so demanded through demand draft payable at LUCKNOW, notwithstanding any dispute/disputes raised by the Supplier in any suit or proceedings pending before any Court, Tribunal or Arbitrator/s relating thereto and the liability under this guarantee shall be absolute and unequivocal.

6. This guarantee valid for a period of(Duration in calendar months in figures and words) from the date of signing. (The initial period for which this Guarantee will be valid must be for at least six (6) months longer than the anticipated expiry date of Guarantee period as stated in "conditions and contact ". We undertake not to revoke thus guarantee during its currency without the written consent of the purchaser.

7- At any time during the period in which this Guarantee is still valid, if the Purchaser agrees to grant a time extension to the Supplier or if the Supplier fails to complete the works within the time of completion as stated in this Purchase Order, or tails to discharge himself of the liability or damages or debts as stated under Para 5, above, it is understood that the Bank will extend this Guarantee under the same conditions for the required time on demand by the Purchaser and at the cost of the Supplier.

- 8- The guarantee herein before contained shall not be affected by any change in the constitution of the bank are of the Supplier.
- 9- The neglect or forbearance of the Purchaser in enforcement of payment of any moneys, the payment whereof is intended to be hereby secured or the giving of time by the purchaser for the payment hereof shall in no way relieve the bank of their liability under this deed.
- 10- The Expression "the purchaser". "The bank" And "The Supplier" hereinbefore used shall include their respective successor and assignees.

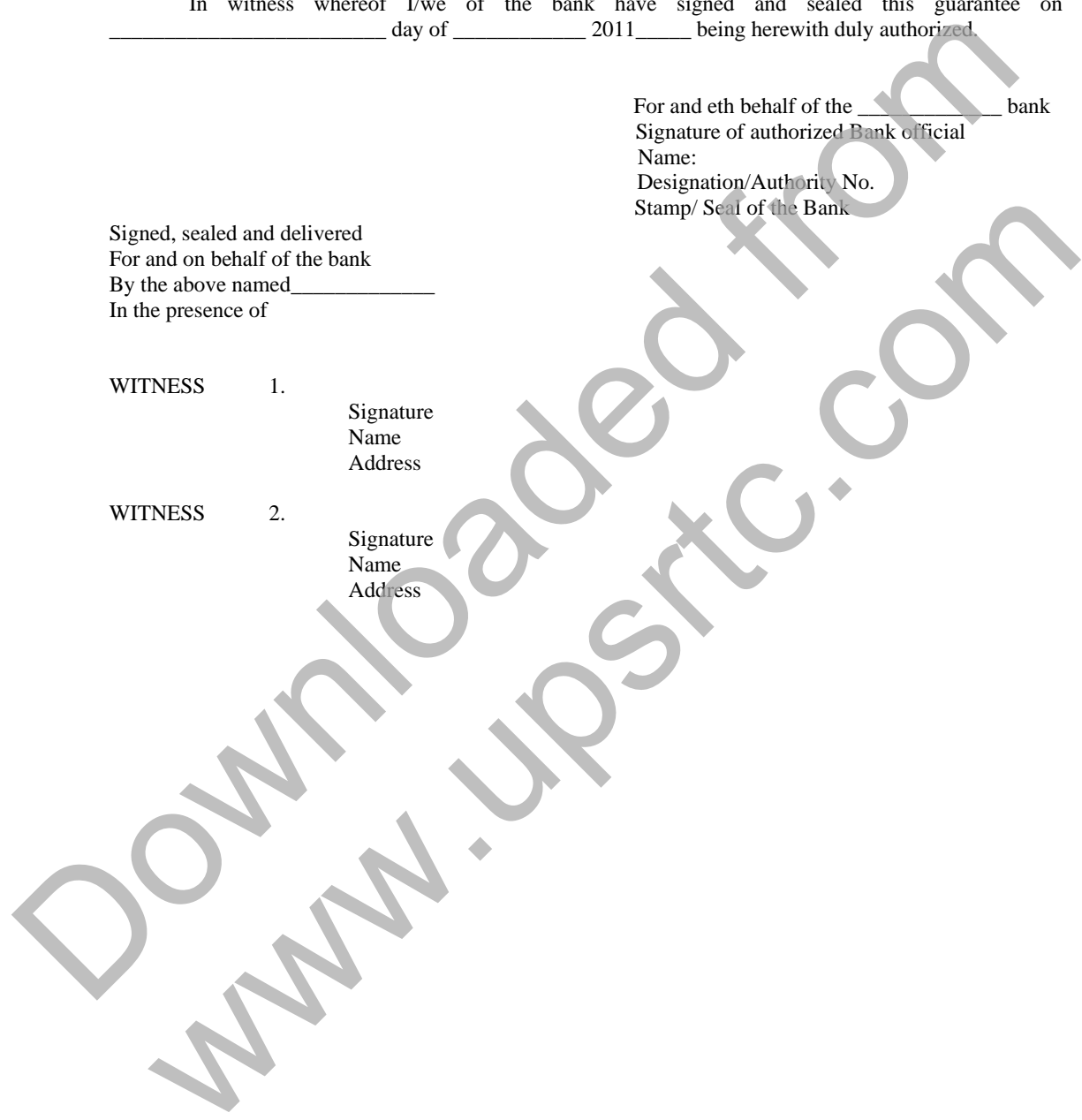
In witness whereof I/we of the bank have signed and sealed this guarantee on the _____ day of _____ 2011 _____ being herewith duly authorized.

For and eth behalf of the _____ bank
 Signature of authorized Bank official
 Name:
 Designation/Authority No.
 Stamp/ Seal of the Bank

Signed, sealed and delivered
 For and on behalf of the bank
 By the above named _____
 In the presence of

WITNESS 1. _____
 Signature
 Name
 Address

WITNESS 2. _____
 Signature
 Name
 Address



ANNEXURE -F

**Government of India
Ministry of Urban Development
Urban Transport Division**

RECOMMENDATORY URBAN BUS SPECIFICATIONS

Sl. No.	Parameters	Details	Recommended Specifications	
			Standard Bus(Type I Bus as per AIS 052)	Mini / Midi Buses
1	Doors	Minimum Width of Service Doors	1. At least one door will be 1200 mm (to facilitate easy access for physically challenged persons) and the other door could be 650mm 2. Doors mandatory 3. Type of Door opening : Preferably in swinging	Mini 650mm Midi 800 mm (length 8 m) Layout to maximise the standee passenger • Doors mandatory • Type of Door opening : Preferably in swinging
2	Windows	Minimum Width of Windows (clear vision zone)	550 mm	450 mm
		Minimum Height of Windows	550 mm	450mm
		Type of Window	The window panes shall be sliding type for all buses except AC buses. In AC buses there shall be provision for adequate ventilation in case of AC failure	The window panes shall be sliding type for all buses except AC buses. In AC buses there shall be provision for adequate ventilation in case of AC failure
3	Guard Rails	<ul style="list-style-type: none"> - All School buses shall be provided with minimum of two guard rails - The first guard rail shall be provided at a height of 75 mm from the lower window sill - The distance between two guard rails shall be 75 to 100 mm. - Guard rail for other types of buses may not be provided if the lower edge of the window sill is at least 200 mm above the uncompressed top of the seat cushion - Guard Rails are not applicable for ACX buses 	<ul style="list-style-type: none"> - All School buses shall be provided with minimum of two guard rails - The first guard rail shall be provided at a height of 75 mm from the lower window sill - The distance between two guard rails shall be 75 to 100 mm. - Guard rail for other types of buses may not be provided if the lower edge of the window sill is at least 200 mm above the uncompressed top of the seat cushion - Guard Rails are not applicable for ACX buses 	
4	Emergency Exits	No. of Emergency Exits & Dimension(min.)	At least 1 Emergency doors/ Exits or apertures Dimension –1250 mm x 550 mm (for emergency window – - min 4000 cm ²	At least 1 Emergency doors/ Exits or apertures Dimension –1250 mm x 550 mm (for emergency window - - min 4000 cm ²
5	Steps	Maximum Height of first step from ground	400 mm	400 mm
		Maximum Height of Other Steps	250 (300 if door behind rear axle) mm max for Type – I	250 (300 if door behind rear axle) mm
6	# Maximum Floor Height	The floor height shall be measured at any one of	650 mm (35 % of total floor area min.) or 400 mm (35% of total	650 mm in the entrance area (35 % of standee

		the service doors of the vehicle in unladen condition (reference point to be specified by the manufacturers)	floor area)	area of floor area)
7	Gangway	Minimum Height	1900 mm	1750 mm (for standee) 1500 mm (for non standee)
		Minimum Width	450 mm	450 mm 300 mm (for non-standee)
8	Seats	Seat Layout	1x 1 or 2x0 in low floor area 2x2 in the higher floor area	2 x 1 2x2 (for non-standee bus)
		Seating Area/Space Per Passenger (Total Width X Depth)	400x350 mm (AIS 052)	400x350 mm (AIS 052)
		Seat spacing (AIS 023)	650 mm - Type I	As per AIS 023

For special applications like Bus Rapid Transit System where "closed system of operation is planned, high floor buses may be used with the overall aim of providing level boarding and alighting by raising the floor height of bus stations.

9	Destination Board	Minimum No. of Destination Board in line with AIS 052 Illumination of destination board Internal Destination Board	Min. Height of Destination Board: 220 mm Min. width of Destination Board : 1800 mm for front & 900 mm for rear and service door side. – Location front top left hand corner Required Required	Min. Height of Destination Board: 220 mm Min. width of Destination Board : 800 mm – Location front top left hand corner Required Required
10	Pad Material		In line with AIS 052 : preferably no padding (plastic moulding seats)	In line with AIS 052 : preferably no padding (plastic moulding seats)
11	Upholstery		In line with AIS 052 : preferably no padding (plastic moulding seats)	In line with AIS 052 : preferably no padding (plastic moulding seats)
12	Other Features	Headrest Stanchion Seat Arm Magazine Pouch Individual Seat Row Fans Air Conditioning Reading Lights Cabin Luggage Carrier Audio visual system in line with AIS 052	Not required As per ECE R 36 (AIS 046 to be aligned) Not required Not required Not required Optional Not required Not required Required	Not required As per ECE R 36 (AIS 046 to be aligned) Not required Not required Not required Optional Not required Not required Required
13	Standing Capacity		To be determined on the basis of seat layout as per the bus code	
14	Sitting / Standing Ratio		Not required	Not required
15	Power Steering		Required	Required
16	Transmission Automatic /Manual		• Automated manual gear shift / power assisted gear shift / automatic transmission / manual-Optional	• Automated manual gear shift / power assisted gear shift / automatic transmission / manual - optional
17	Seat Belts Requirement		Not required other than driver	Not required other than driver
18	Anti Lock Breaking System		Not required	Not required

	(ABS)			
19	Suspension type for Front / Rear		Air suspension (In BRT buses the level of floor should be same irrespective of load using any technology)	Normal suspension
20	Acceleration		Acceleration – 1 m/sec/sec in full load (Max for passenger, min for design) 0-30 kmph in 10 sec or less Max Speed : 30-90 kmph	Acceleration – 1 m/sec/sec in full load (Max for passenger, min for design) 0-30 kmph in 10 sec or less Max Speed: 30-90 kmph
21	Engine Location		Optional (can be decided by the manufacturer)	Optional (can be decided by the manufacturer)
22	Side Facing Seats		Optional	Optional
23	Door Closing Requirements for Bus Movement		Mandatory	Mandatory
24	Fire Extinguisher		Required	Required
25	25 Gear Shifting Position	Column / Floor	Column or floor	Column or floor
26	Kneeling requirements		Optional (where provided, kneel down height – 200 mm)	Not required
27	Approach Angle (Min)		Min. 8 ⁰	Min. 8 ⁰
28	Departure Angle (Min)		Min. 8 ⁰	Min. 8 ⁰
29	Passenger Compartment Internal Height (Rear Axle Floor Area)		1900 mm in non low floor Area (1700 mm in case of rear saloon area of Rear Engine bus)	1750 mm (for standee) 1500 mm (for non standee)
30	Type of Floor	Sloping / Plain	Sloping or plain (Plain – not applicable to low floor buses)	Sloping or plain (Plain – not applicable to low floor buses)
31	Steps on Floor	Yes / No	optional	optional
32	Maximum Floor Slope		Max. 6% (As per AIS 052)	Max. 6% (As per AIS 052)
33	Low Floor Area (% of total floor area)		35 %	35 %
34	Floor Surface		Anti Skid floor surface	Anti Skid floor surface
35	Requirement for passenger with limited mobility	Wheel Chair Anchoring	In bus with 400 mm floor height	Not required
		Priority Seats	At least 2	At least 2
		Stop Request	On every pillar	On every pillar
		Manual Ramp	1. Required for bus with 400 mm floor height 2. For 650 mm floor height ramp required to enable wheel chair entry from BRT station at 400 mm platform	For 650 mm floor height ramp required to enable wheel chair entry from BRT station at 400 mm platform
36	Life cycle Requirements	Drive Train	Life of bus – 10 years or as mandated by local legislation -AMC by Manufacturers / as per manufacturer's recommendations - Refurbishing of body every 5 years - Change of drive train at 500, 000 km	Life of bus – 10 years or as mandated by local legislation - AMC by Manufacturers/ as per manufacturer's recommendations - Refurbishing of body every 5 years - Change of drive train at 500, 000 km
		Body Structure		
37	ITS Related Requirements	Ticketing	Bus architecture should be compatible with ITS	Bus architecture should be compatible with ITS
		Smart Card	Required	Required
		Passenger Information Systems	Required (Audio-visual)	Required (Audio-visual)
		Vehicle Tracking Systems	Bus architecture should be compatible with vehicle tracking system	Bus architecture should be compatible with vehicle tracking system

38	Lighting		(Fog lamp to be categorically provided in Northern region buses) As per AIS 052	(Fog lamp to be categorically provided in Northern region buses) As per AIS 052
39	Crashworthiness Requirements		As per CMVR As per CMVR	As per CMVR As per CMVR
40	Warning Triangle		As per CMVR	As per CMVR
41	Driver's Working space		As per Bus Body Code AIS:052	As per Bus Body Code AIS:052
42	Rear View		Mirrors As per CMVR (AIS:001 & AIS:002)	As per CMVR (AIS:001 & AIS:002)
43	Safety Glass		As per CMVR	As per CMVR

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