

**REQUEST FOR PROPOSAL
FOR
OPERATION OF BUSES ON OPERATE, MAINTAIN AND TRANSFER BASIS
FOR
BATHINDA URBAN TRANSPORTATION SERVICES LIMITED (BUTSL)**

DATE OF ISSUE OF RFP: 24-6-2016 ONWARDS

DATE FOR PRE -PROPOSAL MEETING: 11-7-2016 at 1500 Hrs

LAST DATE OF SUBMISSION OF PROPOSAL: On or Before 14-7-2016 upto 1500 Hr

DATE OF OPENING OF TECHNICAL PROPOSALS: 14-7-2016 at 1600 Hr

DATE OF OPENING OF FINANCIAL PROPOSALS: 15-7-2016 at 1600 Hr

VOLUME II: GENERAL CONDITIONS OF CONTRACT

Disclaimer

This Request for Proposal (the "**RFP**") is being issued by the Bathinda Urban Transportation Services Limited (hereunder called "**Authority**", or BUTSL) to the interested Parties for operation of city buses in the city of Bathinda , on such terms and conditions set forth in this RFP or that may be subsequently provided to Proposer (s) by or on behalf of BUTSL.

The purpose of this RFP is to provide interested Proposer(s) information that may be useful to assist it in the formulation of their proposals. While the RFP has been prepared in good faith with due care and caution, BUTSL does not accept any liability or responsibility for the complete accuracy, reasonableness or completeness of the information, or for any errors, omissions or mis-statements, negligent or otherwise. This RFP may not be appropriate for all persons. It is not possible for BUTSL to consider the investment objectives, financial situation and particular needs of each Proposer who reads or uses this RFP. The assumptions, assessments, statements and information contained in this RFP, may not be complete, accurate, adequate or correct. Each Proposer should, therefore, before placing reliance on aforesaid assumptions, assessments, statements and information [furnished in this RFP or under any of project report/DPR/ feasibility report etc referred to herein, by the Authority and/or any of its consultant] conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments and information contained in this RFP and obtain independent advice from appropriate sources. For avoidance of doubt, in case any Proposer places reliance on any aforesaid assumptions, assessments, statements, data and information [furnished by the Authority and/or its consultant, in this RFP or under any of Project report/DPR/ feasibility report etc referred to herein], then the same shall not in any manner bind/make liable the Authority and/or its consultant, to indemnify the Applicant in respect of any loss/damage/costs whatsoever arising out of or in connection with such reliance placed by the Proposer on the aforesaid assumptions, assessments, statements, data and information.

Proposer should carefully examine and analyze the RFP and bring to the notice of BUTSL any error, omission or inaccuracies therein that are apparent and to carry out its own investigation with respect to all matters related to the purchase of the buses, seek professional advice on technical, financial, legal, regulatory and taxation matters and satisfy himself of consequences of entering into any agreement and / or arrangement relating to the Operation and Maintenance intended by BUTSL through this RFP exercise. BUTSL and its employees make no representation or warranty, express or implied, and shall incur no liability under any law, statute, rules or regulations as to the accuracy, reliability or completeness of the information contained in the RFP or in any material on which this RFP is based or with respect to any written or verbal information made available to any Proposer or its representative(s).

BUTSL may in their absolute discretion, but without being under any obligation to do so, update, amend or supplement the information in this RFP as per its requirements.

The issue of this RFP does not imply that the Authority is bound to select a Proposer or to appoint the selected Proposer, as the case may be, as the Operator. Authority/ BUTSL reserves the right not to proceed with the appointment of Operator or to change the process or procedure to be applied. It also reserves the right to decline to discuss the process further with any party submitting a Proposal.

The Proposer shall bear all its costs associated with or relating to the preparation and submission of its Proposal including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the Authority or any other costs incurred in connection with or relating to its Proposal. All such costs and expenses will remain with the Proposer and the Authority shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Proposer in preparation of or submission of the Proposal, regardless of the conduct or outcome of the selection process.

Table of Contents

PART I: GENERAL CONDITION OF CONTRACT	5
1. DEFINITIONS AND INTERPRETATION	7
2. APPOINTMENT OF OPERATOR	10
3. SCOPE OF WORK	10
4. OWNERSHIP OF BUSES:	12
5. CONTRACT AND CONTRACT PERIOD	12
6. PERFORMANCE SECURITY	12
7. FLEET DEPLOYMENT PLAN	13
8. HANDOVER AND DEPLOYMENT OF BUSES AND LIQUIDATED DAMAGES	14
9. ROUTES	14
10. SCHEDULES AND BUS FREQUENCIES (HEADWAYS)	15
11. SPEED	15
12. FARES	16
13. FARE COLLECTION SYSTEM	16
14. ADVERTISEMENT ON THE BUSES	17
15. PASSENGER INFORMATION SYSTEM (PIS)	18
16. INSURANCE	19
17. PAYMENT OF Quoted FEES TO THE AUTHORITY	20
18. TAXES AND STATUTORY LEVIES	22
19. PARKING SPACE AND MAINTENANCE DEPOT	22
20. MAINTENANCE	22
21. PERFORMANCE MONITORING AND DAMAGES PAYABLE	23
22. SHAREHOLDING REQUIREMENTS	24
23. OWNERSHIP, PROTECTION AND TRANSFER OF BUSES AND OTHER PROPERTY DURING CONTRACT PERIOD	24
24. ROLES, RESPONSIBILITIES AND OBLIGATIONS OF THE OPERATOR AND BUTSL	25
25. RIGHTS OF THE OPERATOR	29
26. INTRODUCTION OF ADDITIONAL OF BUSES	30
27. OPERATOR'S EVENT OF DEFAULT	30
28. AUTHORITY'S EVENT OF DEFAULT	32
29. TERMINATION DUE TO EVENT OF DEFAULT	32
30. FORCE MAJEURE AND CHANGE OF LAW	33
31. DISPUTE RESOLUTION	34
32. LAWS GOVERNING THE CONTRACT	35
33. INDEMNITY	36
PART II: ANNEXURE	37
Annexure	
ANNEXURE 1: DETAILS OF BUSES BEING PROCURED	37
ANNEXURE 2: BUS SPECIFICATIONS	38
ANNEXURE 3: SUGGESTED BUS ROUTES AND SCHEDULED FREQUENCY	39
ANNEXURE 4: INDICATIVE SCHEDULE OF DELIVERY OF BUSES OF 20 BUSES UNDER PROCUREMENT	44
ANNEXURE 5: SCHEDULE OF FARES FOR CITY BUS SERVICES	45
ANNEXURE 6: OPERATION AND MAINTENANCE REQUIREMENT	46
ANNEXURE 7: DAMAGES/ PERFORMANCE REVIEW SYSTEM	50

PART I: GENERAL CONDITION OF CONTRACT

AGREEMENT No. _____

This Contract AGREEMENT (hereinafter called the "**Contract**") is made on the _____ day of the month of _____ 2***, between, on the one hand, the _____ (hereinafter called the "**Authority**" which expression shall include their respective successors and assigns, unless the context otherwise requires) and, on the other hand, _____, a company incorporated under the Companies Act, 1956 (hereinafter called the "**Operator**" which expression shall include their respective successors and permitted assigns).

WHEREAS

- A. The Authority vide its Request for Proposal for _____ (hereinafter called the "**Project**") invited proposals;
- B. Pursuant to the evaluation of the Proposals received, the Authority accepted the Proposal submitted by M/s _____ (the Successful Proposer/ Operator) and issued a Letter of Award dated _____, to M/s _____, requiring inter alia the execution of the Contract;
- C. [The Successful Proposer has since, in compliance with the terms of the RFP and the LOA, incorporated the Operator as its wholly owned special purpose company under the Companies Act, 1956, which shall implement the Project in terms of the RFP the General Conditions of Contract.]
- D. Subsequently, the Successful Proposer has in terms of the LOA and as per the RFP, made the following payments / fulfilled the following prerequisites to the execution of this Contract, [on behalf of the Operator]:
 - i. furnished to the Authority, an unconditional and irrevocable bank guarantee of Rs. ----- towards the Performance Security from _____ Bank, payable and enforceable at Bathinda
- E. Pursuant to the fulfillment of the above prerequisites to the execution of the Contract Agreement, the Authority hereby agrees for the implementation of the Project by the Operator on the terms, conditions and covenants hereinafter set forth in this Agreement.

NOW, THEREFORE, the parties hereto hereby agree as follows:

The following documents attached hereto shall be deemed to form an integral part of this Contract:

- a) The General Conditions of Contract;
- b) Annexure to the agreement as mentioned in the General Condition of Contract;
- c) Any addendum and corrigendum to the RFP and Response to Pre-Bid queries
- d) Technical and Price Proposals submitted by the Operator dated _____
- e) Letter of Award (LOA) no. _____ dated _____ issued by BUTSL to the Operator
- f) Bank Guarantee no _____ towards Performance Security
- g) Any relevant correspondence between the two parties that the signatories have agreed to include as part of the Agreement for validating and clarifying any points in the Agreement or by way of revised or improved understanding of any terms of the Agreement as appended herein.

1. DEFINITIONS AND INTERPRETATION

1.1. In the Contract, unless the context otherwise requires, the following terms & expressions, whenever used, shall have the following meanings hereinafter respectively ascribed to them:

- a. **"Applicable Law"** means all the laws, acts, ordinances, rules, regulations, notifications, guidelines or bye-laws, in force and effect, as of the date hereof and which may be promulgated or brought into force and effect hereinafter in India, including judgments, decrees, injunctions, writs or orders of any court of record, as may be in force and effect during the subsistence of this Contract and applicable to the Project;
- b. **"Applicable Clearances"** means all clearances, permits, no-objection certifications, exemptions, authorizations, consents and approvals required to be obtained or maintained under Applicable Law, in connection with the Project during the subsistence of the Bus Operators Agreement;
- c. **"Assured Fleet Availability"** shall have the meaning as ascribed thereto in the clause 3.8 of the GCC
- d. **"Authority"** means Bathinda Urban Transportation Services Limited or its authorized representatives;
- e. **"Buses"** means number and type of buses (as provided in Invitation for RFP of this RFP) generally meeting the technical specifications enumerated in Annexure 2, which are procured by BUTSL and are required to be maintained and operated by the Operator in accordance with the terms of the RFP document and the General Condition of Contract;
- f. **"Bus Permit"** means the permit for operating buses for public carriage/ stage carriage as may be required under the Motor Vehicle Act, 1986 or any other Applicable Law;
- g. **"Bus Service Area"** means area of operation and the Routes, which is described in greater detail in Annexure 3;
- h. **"Bus Stop"** means pick up points [as determined by BUTSL, from time to time and notified to the Operator in writing], where the Buses stop for a short duration for Passengers to embark into the Bus or disembark from the Bus;
- i. **"Bus Service"** means operating said number of Buses on the Routes specified by the Authority and maintain Buses and infrastructure as specified in the RFP document and the General Condition of Contract;
- j. **"Bus Terminal"** means the interchange terminals/stops (under the control of BUTSL) from where the Bus(es) start or end their trip(s), and/or are parked for

short duration, besides which it may provide other Passenger related amenities/facilities and facilitate transfers of Passengers amongst modes/services etc;

- k. **"Bus Transfer Cost"** shall have the meaning as ascribed thereto in Clause 23.2 of the GCC.
- l. **"Central Control Centre"** means computerized central monitoring unit setup by the Operator and audited and supervised by the Authority to assist in the supervision, monitoring and control of the city bus operations in the city;
- m. **"Commercial Operations Date (COD)"** shall for each lot of buses (to be handed over by the Authority to the Operator) be the date of deployment for operations on roads of each such lot of buses by the Operator.
- n. **"Contract"** means this Contract between the Authority and the Operator together with its Annexure and the 'General Conditions of Contract', and any further correspondence, notices and conditions in the RFP or otherwise that the parties signatory to the Agreement have expressly agreed to include as part of this Agreement laying down the Contract;
- o. **"Contract Period"** shall unless terminated earlier in accordance with the provisions hereof, mean a period of nine years or 5 Lakh Km whichever is later commencing from the Commercial Operations Date. In the event of different CODs for different lot of Buses, the Contract Period for each such lot of buses shall mean and refer to a period of nine years or 5 Lakh Km whichever is later commencing from their respective COD.
- p. **"Execution Date"** shall mean and refer to the date of execution of this Agreement
- q. **"Global Positioning System (GPS)"** means equipment installed on the bus to monitor its movement on the specified route during the Contract Period;
- r. **"Government"** means the 'Government of Punjab (**GoP**) or "Government of India (**GOI**)" as is relevant in the context;
- s. **"Letter of Award"** means the letter issued by the Authority to the Successful Proposer, conveying the acceptance of its Proposal;
- t. **"Material Change"** means a material adverse effect of any act or event on the ability of either Party to perform any of its obligations under and in accordance with the provisions of this Agreement and which act or event causes a material financial burden or loss to either Party.
- u. **"Operator"** shall have the meaning as ascribed thereto in the Array of parties in the Recitals above;
- v. **"Project"** means the project of operating, maintaining and managing the city Bus Service in the city of Bathinda, in accordance with the terms and conditions of RFP and the General Conditions of the Contract.

- w. **"Project Facilities"** means the facilities that are required for the implementation of the Project and shall include the Buses, Bus Stops, Bus Terminals and other permanent or temporary facilities developed by or made available to the Operator under any suitable arrangement, for implementation of the Project including all civil works, plants, technology, software, equipment, materials and spaces provided/procured, constructed and/or installed at the site or sites where the Bus Stops, Bus Terminals or Bus Depots are located;
 - x. **"RFP"** means this RFP document along with annexure attached to it for the purpose of selecting an Operator for the Project;
 - y. **"Routes"** means the routes as specified in the Contract and as determined by BUTSL from time to time, on which Buses shall operate as part of the Bathinda city transport system;
 - z. **"RTA"** means Regional Transport Authority, Punjab.
 - aa. **"LED display"** means Light Emitting Diode display installed on the bus which would show the name and number of the designated Route of the respective Buses;
 - bb. **"Value Added Services"** means provision of additional passenger comfort in the buses such as limited stoppages, only sitting facility Wi-Fi internet connection etc.
- 1.2. Terms and expression not herein defined shall have the meanings assigned to them in the Indian Sale of Goods Act, 1930 (as amended) or the Indian Contract Act, 1872 (as amended) or the General Clauses Act, 1897 (as amended) as the case may be.
- 1.3. The Authority shall incorporate Pre-bid Clarifications/addendums issued by Authority before signing of Contract Agreement with the Successful Proposer

2. APPOINTMENT OF OPERATOR

2.1. Appointment of Operator

Subject to the Operator making the payment of an amount of Performance Security as per the terms of this Contract and undertaking to operate and maintain the Bus Service in accordance with the terms and conditions of this Contract, AUTHORITY hereby appoints on non-exclusive and non transferable basis, the Operator and the Operator hereby accepts (on non-exclusive and non transferable basis) its appointment to operate and maintain the Bus Service on CITY BUS SYSTEM routes in Bathinda in accordance with the terms of this Contract and subject to Applicable Laws.

2.2. Undertaking

In consideration of the rights, privileges and benefits conferred upon the Operator, and other good and valuable consideration expressed herein, the Operator hereby accepts the Operator Contract and agrees and undertakes to perform/discharge all of its obligations in accordance with the provisions hereof.

3. SCOPE OF WORK

The following shall be the scope of work for the Operator:

3.1. Operator shall operate the Contracted Buses in compliance with Routes allotted, frequency and schedules specified by the Authority from time to time. Indicative bus deployment and bus Routes shall be as shown in Annexure 3.

3.2. Procure within 30 (thirty) days of handover of lot of Buses, necessary registration certificate (in the name of the Authority) and insurance cover requisite to commence operations of the same.

3.3. Any licenses or clearances, applicable permits etc. required under the Applicable laws for undertaking the Project including the operation of Buses, shall have to be procured by the Operator, at its own cost and expense. The Authority will only render assistance, wherever necessary and shall have no responsibility whatsoever in this regard.

3.4. The Operator shall ensure that all such applicable clearance/ licenses have been procured prior to the COD of each lot of Buses and are kept in full force and effect throughout the Contract Period.

3.5. Maintain the buses in the best operable conditions using the highest standards of workmanship, safety and Best Industry Practices and as per the Maintenance requirements set forth in the Annexure 6.

3.6. Bear all applicable National, State and local taxes on operations and maintenance of buses.

3.7. Observe the highest standards of safety for the buses, the passengers and of third

parties encountered during the operations and maintenance including the Operator's own staff.

- 3.8. The Operator shall be required to maintain an assured fleet availability for service on roads of 93%, 92%, 91% of the each type of Contracted Buses on a daily basis in the 1st, 2nd and 3rd year of the Contract Period respectively and 90% thereafter upto the end of the Contract Period., for service on roads in good operable condition ("**Assured Fleet Availability¹**"). The Assured Fleet Availability thus shall apply separately for each type of Bus. *Each type of bus fleet means 1) Non AC semi Low floor buses 2) Non AC Mini Buses.* The fleet required for each route is provided in the Annexure 3.(subject to changes with mutual concern of operator/Proposer and Authority from time to time).
- 3.9. The Operator, after meeting the Assured Fleet Availability, shall be entitled to operate remaining Buses with Value Added Service. The Operator shall have flexibility in Fare fixation for such remaining buses subject to compliance with RTA and Motor Vehicle Act rules.
- 3.10. Operator shall collect and retain fares from the users as per fare initially stipulated/ notified by the Department of Transport, Government of Punjab or by the Authority (as specified in Annexure 5 hereof) and as revised from time to time in accordance with Clause 12 of GCC.
- 3.11. Operator shall have the right to display non – motion advertisements on the Buses and collect and appropriate revenue from the same. The Operator shall ensure that such advertisements are aesthetically placed with proper considerations with regard to passenger signage, cleanliness, lack of clutter, and design consistent with bus design. The Operator shall get the design reviewed from the Authority before displaying on the buses. Authority reserves the right to ask the Operator to re-organize / re design the advertisement displays or to remove them altogether in case these conditions are not met.
- 3.12. The Operator shall ensure that the number of Buses for which it has been granted the O&M Contract are in operation, in compliance with the standards and technical specifications and as per the manufacturer's instruction/manual for the Buses, at all times during the Contract Period.
- 3.13. Operator shall provide sufficient number of skilled and experienced drivers and ticket collectors to ensure the smooth functioning of bus operations. The Contractor shall ensure that each driver and ticket collector is provided proper license and training for bus operations.

¹ **Calculation of feet availability is provided as follows for further clarity:**

Fleet availability= fleet on road for operation*/total fleet

* Fleet to be considered for operation should have completed minimum 90% of the planned schedules

4. OWNERSHIP OF BUSES:

- 4.1. The ownership of the Buses shall remain fully with the Authority during the entire term of the Contract.
- 4.2. No changes in ownership shall be allowed.
- 4.3. All Buses that are procured shall be registered in the name of BUTSL and at no time during the term of the Agreement shall any right, title, or interest over these Buses pass over to the Operator. The Operator shall merely get the right to use **such Buses** for the sole purpose of implementation of this Project and the Operator will have no other right whatsoever, unless otherwise agreed in writing in advance by BUTSL.
- 4.4. During the term of the Agreement, the Operator shall not use the Buses for any purpose other than the Bus Service without the prior written permission of BUTSL.

5. CONTRACT AND CONTRACT PERIOD

- 5.1. The Contract Period shall, unless terminated earlier, be for 9 (Nine) or 5 lakh KM whichever is later from COD as per provisions of GCC.
- 5.2. The whole contract is to be executed in the approved, substantial and workmanlike manner, to the entire satisfaction of the Authority, who both personally and by his deputies, shall have full power, at every stage of progress, to inspect the buses at such times as he may deem fit which he may disapprove.
- 5.3. The Operator shall not be allowed to sub contract any part of the awarded routes.

6. PERFORMANCE SECURITY

- 6.1. For securing the performance of the obligations of the Operator under the LOA, and during the Contract Period, the Operator [/Selected Bidder for and on behalf of the Operator], has prior to the execution of this Agreement, delivered to the Authority an un-conditional and irrevocable bank guarantee for an amount equivalent to **Rs 5 Lakh per bus** in favor of the Bathinda Urban Transportation Services Limited, from a nationalized bank, or a Scheduled Bank in India Bank in form of bank guarantee as per format provided in Volume 1 of the RFP which shall be payable and enforceable in Bathinda (the "**Performance Security**"), the receipt & veracity of which, shall be acknowledged by the Authority.
- 6.2. The Authority shall be entitled to forfeit and appropriate the amount of the Performance security in whole or in part;

In the event of any default, failure or neglect on the part of the Operator in the fulfillment or performance in all respects of the Contract.

If the Operator refuses to accept buses at the end of the Contract Period in accordance with clause 23 of the GCC.

- 6.3. Upon such encashment and appropriation from the Performance Security, the Operator shall, within 15 (fifteen) days replenish, in case of partial appropriation, to its original level the Performance Security and in case of appropriation of entire Performance Security to provide a fresh Performance Security and the Operator shall, within the time so granted replenish or furnish to the Authority a fresh Performance Security as aforesaid, failing which the Authority shall be entitled to terminate this Contract.
- 6.4. The Selected Bidder/ Operator shall keep the Performance Security valid and in full force and effect at all times during the Contract Period and for a period of three months thereafter ("the **Validity Period**"). This is an essential condition of the Agreement and the failure to maintain the Performance Security in accordance with the provisions hereof shall constitute an Operator Event of Default and shall entitle the Authority to terminate this Agreement in accordance with the provisions hereof.
- 6.5. On the performance and completion of the contract in all respects the Performance Security shall be returned to the Operator without any interest, provided there are no outstanding dues of the Authority with the Operator.

Note: BUTSL shall not release the EMD of Rs. 2, 00,000 till the entire amount of Performance Security is not submitted by the Successful Proposer as provided in the RFP.

7. FLEET DEPLOYMENT PLAN

- 7.1. Upon the notification of award by the Authority to the Successful Proposer, and the submission of Performance Security by the Operator, the Authority and the Operator shall jointly develop a Fleet Deployment Plan which is to be annexed hereto as Appendix broadly indicating the following:
- 7.1.1. The Operator shall assist the Authority in the procurement process of new buses in terms of taking part of the inspection process for the buses being manufactured / delivered and be available for inspection of prototype, factory acceptance testing and site acceptance testing or any such tests as may be carried out. Any suggestions that the operator may provide in these meetings are non binding and cannot be used to refute or object to the eventual acceptance of these Buses by the Operator for O&M under the provisions of this Contract. The Operations for new buses, upon being handed over to the Operator, shall not be later than the 30 days from the date of handover of the respective lot of Buses by the Authority to the Operator, and the date of deployment of these new buses, lot wise, shall be considered the COD for the respective lot of buses ("**Scheduled COD**")
- 7.1.2. Deleted

- 7.1.3. Plans and arrangements for setting up the Maintenance Depots and Parking spots
- 7.1.4. Fleet Deployment Routes and Schedules, based on the indicative routes as specified in Annexure 3(changeable from time to time with mutual consent of operator/Proposer and the Authority). The approximate number of buses required for each route is also specified. Under no circumstances shall the frequencies (headways) of buses exceed the following during the planning for the Fleet Deployment Plan or later ("**Policy Frequency**") :

Off Peak Hours – 25 minutes headway
Peak Hours - 15 min headway

- 7.1.5. Any other matter incidental to the bus operations may be included in the Fleet Deployment Plan.

The Fleet Deployment Plan is an important document that will become the basis for handover and deployment of buses and fixation of final routes and schedules and would be included in the Agreement as an Appendix.

8. HANDOVER AND DEPLOYMENT OF BUSES AND LIQUIDATED DAMAGES

- 8.1. The Operator shall make arrangements for receiving the buses as per the time table in the Fleet Deployment Plan and for payment of the Quoted Fee as quoted by him in accordance with the conditions set forth in the Clause of the ITP of the RFP document. The buses shall be handed over to the Operator upon receipt of the Quoted Fee, examining the parking and maintenance facilities as per the Fleet Deployment Plan. The buses shall not be handed over to the Operator later than 30 days from date of payment of Quoted fees.
- 8.2. The non compliance of any bus specifications and design shall not be permitted as a reason for delayed or non- deployment of the buses by the Operator.
- 8.3. If the Operator is not able to start operations of buses on the Scheduled COD(s) as agreed upon under the Fleet Deployment Plan of buses, for reasons not attributable to the Authority or to a Force Majeure Event, and which in the opinion of the Authority can be attributable to the Operator, Liquidated damages of Rs. 500/bus/day shall be charged on the Operator for every day of delay in COD.
- 8.4. If the Operator fails to Operate 90% of the Assured Fleet as provided in the Assured Fleet Availability of buses within 30 days or 100% of buses beyond 60 days, it shall be considered as an Operator's Event of Default.

9. ROUTES

- 9.1. The indicative schedule of Bus Delivery for the buses being procured is placed as Annexure 4. The final Routes and schedule shall be fixed as part of the Fleet Deployment Plan post the award of the Contract in consultation with the Bus Operator. These routes shall be extendable up to 15 kms. from Municipal limits of Bathinda if possible.
- 9.2. The Operator shall ensure that the buses are operated on the said routes and at the stipulated frequency in accordance with the specified service standards and Fleet Deployment Plan.

- 9.3. During the Contract Period, the Operator may submit a proposal for re-determination of Routes and frequency of Buses on particular Routes to BUTSL based on data such as passenger load, traffic congestion etc.
- 9.4. Based on the proposal, BUTSL may in consultation with the Operator agree to changes in the Routes and frequency of Buses on particular Routes. In the event BUTSL changes the Routes and frequency of Buses on particular Routes, BUTSL shall inform the Operator 15 (Fifteen) days in advance before the implementation of such changes in the Routes **and frequency of Buses** on particular Routes.
- 9.5. Similarly, the Authority may request the Operator for a change in Route or Schedule, along with justification and the Operator will have to generally abide by this requested change, unless it leads to a **Material Change** in the status of the Operators viability, which will have to be proved by the Operator with detailed justifications.

10. SCHEDULES AND BUS FREQUENCIES (HEADWAYS)

- 10.1. Operator shall run the buses as per pre-decided schedule at fixed frequencies as fixed in the Fleet Deployment Plan during the operation hours. Schedule of operations for each route shall be prepared by the Authority in consultation with the Operator. The schedule may be revised as per season based on such request by the Operator as per the mechanism given above. The frequencies during any of these changes shall not exceed the Policy Frequency at any point of time.
- 10.2. The Operator shall remain free to operate the buses at frequencies better than that stipulated in the Fleet Deployment Plan.
- 10.3. Unscheduled unauthorized trip outside operation hours and outside the awarded Routes are not permitted and shall be liable for the penalty set forth in Annexure 7 of this Contract.
- 10.4. The Operator shall be charged with fines/damages as per performance monitoring system set forth in Annexure 7, in case of non availability of adequate fleet during operation hours.
- 10.5. Indicative operation period shall be between 7:00 am and 11:00 midnight.
- However this is indicative and actual hours shall be decided under the Fleet Deployment Plan. This will be segregated in to peak hours and off peak hours.
- 10.6. If the Operator fails to operate the requisite number of Buses, or somehow fails to achieve the headway between Buses as approved to maintain the desired frequency repeatedly, then the Authority shall have right to, after provision of suitable remedy period, consider this as an Operator Event of Default, which shall entitle the Authority to terminate the Contract in accordance with the provisions hereof.

11. SPEED

- 11.1. The bus speed should be as per rules and regulations of RTA at any point of time during operation hours.

- 11.2. The driver should maintain lower speed while approaching bus stops to avoid sudden breaking. The driver should maintain speed based on traffic and road condition, to provide smoother ride to the passengers.

12. FARES

- 12.1. The Operator shall collect and retain fares from the bus users/commuters against the issue of a receipt/ ticket. The fares collected shall be separate for AC and non AC buses but remain the same irrespective of the design/ model of bus. The fares as existing presently as per notification of Transport Department, Government of Punjab is annexed hereto at Annexure 5. Authority proposes to revise these fares and shall endeavour to get approval for upward revision of such fares from the Competent Authority in this regard. Such revised fare shall be considered the base fare and if such fares are not revised, the existing fares as per Annexure 5 shall be considered as "Base Fare" for revisions.
- 12.2. The Operator can issue concession passes to students, senior citizens and frequent travelers with prior approval from BUTSL.
- 12.3. The Operator shall have the discretion to revise the Fare as per the mechanism given in clause 12.4 with prior approval of the Authority only and the Authority shall provide such approval within 7 working days and shall not unreasonably hold back such approval. The prevailing fares are given in Annexure 5
- 12.4. Revision in Fare can be triggered by a change in Fuel Rates as applicable to the Operator as also by an Annual Change in Wholesale Price Index (**WPI**) as per a predetermined formula described below with the Approval of Authority.

Revision in Fares for each kilometre slab shall be revised as follows:

$$RF = [R\text{-base}] + [R\text{-base} \times 50\% \times (F - F\text{-base})/F\text{-base}] + [R\text{-base} \times 50\% \times (W - W\text{-base})/W\text{-base}]$$

Where

RF is Applicable Revised fare for the particular Km Slab
R-base is the Base Rate for the particular Km slab

F is present Price of Fuel/unit as represented by the Price of Diesel Fuel at retail pumps available in the city of Bathinda .

F-base is Base Year Price of Fuel/unit (i.e. Retail Price of Diesel on the due date of Proposal submission prevailing in Bathinda city)

W is Wholesale Price Index as published by the Ministry of Commerce, Government of India from time to time as prevailing at the time of revision. **W-base** is Base Year Wholesale Price Index. (I.e. WPI prevailing on the due date of Proposal submission)
The fare revisions on account of change in fuel prices shall be made at the end of the week in which the fuel change occurs and shall be effective from the beginning of the next week. The fare revisions on account of variations in WPI shall be affected on annual basis on every anniversary of the COD. In case of multiple CODs for different lot of Buses, the fare revision shall be effected on the anniversary of the latest of such CODs.

13. FARE COLLECTION SYSTEM

13.1. The Operator shall collect fare through electronic ticket vending machine (ETVM). It shall be clarified that ETVM will be procured by the Operator at its own cost and would be responsible for its maintenance and repair of ETVM.

14. ADVERTISEMENT ON THE BUSES

14.1. The Operator shall have right to display advertisement at the designated places on buses and paper tickets issued by the Operator. The maximum advertisement displayable on / in buses shall be 50% of the suitable area for this purpose. The operator shall pay Rs. 3000/- per month per bus to Municipal Corporation as income from advertisement.

14.2. The content of advertisement, dimensions and material used for advertisement posters and the places on/in buses where advertisements are to be done has to be part of the proposal made by the Operator and should be in accordance with the Outdoor Advertisement Policy, 2012 vide notification no. 11/2/2012-5lg3/3233 dated 7th December 2012 of Government of Punjab and with the Approval of Authority. Copy of Advertisement policy is provided in the GCC.

14.3. No Advertisement or display that is on the negative content hereunder shall be allowed to be displayed irrespective of the time of the day and scale of the advertisement. Such negative list is mentioned below:

- Advertisement banned by the Advertisement Council of India or by law.
- Advertisements of goods or services which are prohibited by any law or whose advertisements are prohibited by any law.
- Advertisement of Political Parties.
- Advertisements of any kind of prohibited drugs, hard drinks (Alcohol) and all kind of tobacco products for smoking.
- Advertisements containing pornographic contents and/ or an "indecent representation of women" within the meaning of the Indecent Representation of Women (Prohibition) Act, 1986.
- Advertisements containing sexual overtone and/ or nudity.
- Advertisements glorifying exploitation of women or child.
- Advertisements showing violence and cruelty to either human being or any kind of plant or animal.
- Advertisements showing racial abuse to any caste or community or propagating ethnic differences.
- Advertisements related with lottery tickets, sweepstakes entries and slot machines.
- Any animated, laser, moving or blinking displays.
- Advertisements accompanied by sound.
- Any other advertisement not found appropriate by The Authority.

14.4. The Operator shall assure that external and internal color as well as body of the buses shall not be damaged due to advertisement stickers and billboards.

14.5. The Operator shall not display advertisement on the Bus Windows.

14.6. Visibility from inside and outside from the buses should not be hindered by Advertisement Display.

14.7. The Operator shall be entitled to appropriate 100% revenue that arises from advertisement on Buses.

15. PASSENGER INFORMATION SYSTEM (PIS)

15.1. The Operator shall take utmost care of the IT installations installed on buses by the Authority or its representative. PIS on buses shall be functional at all times during the operation of Buses and if it does not function then it shall be reported immediately to the Authority.

15.2. The Authority will examine that operator shall display the Route Time Table at every bus station and terminals on the awarded routes on proper boards. The time table should be made of durable material. It should be written in Punjabi, Hindi and English languages with use of light reflective material.

15.2.1. The Operator shall maintain Passenger Complaint/Suggestion book on every bus and at every Information booth. The Operator shall redress the complaints/ suggestions from the passengers in reasonable time. The Authority shall be right to inspect the complaint/suggestions books and responses given to the passengers.

16. INSURANCE

16.1. Insurance during the Contract Period:

The Operator shall, with effect from the date of signing of Agreement, at its cost and expense, effect, purchase and maintain all/any insurances on behalf of and in the name of the Authority in respect of the Buses and particularly the operation and management of the Project, as per Motor Vehicle Act and other applicable laws of India. The Operator shall also procure and maintain such additional insurances as Operator may reasonably considered necessary and prudent in accordance with good industry practices, during the Contract Period, including but not limited to the following coverage:

16.1.1. Replacement cost as per Standard Fire and Perils Policies as per market practices for any loss and damages to the extent possible to depot and parking space handed over to the Operator.

16.1.2. A Comprehensive and third party insurance cover as per the Motor Vehicle Act 1988 and any amendments thereof for any incident of death to the users of the buses or to any third party due to accident occurring in the system for unlimited occurrences. Liability of passenger insurance shall be limited to the approved passenger capacity of the vehicle by RTA.

16.1.3. Insurance of employee compensation and other liability as per Workmen's Compensation Act 1923.

16.1.4. Any other insurance that may be necessary to protect the Operator, its employees and the Project Asset against loss, damage or destruction at replacement value including all Force Majeure Events that are insurable and not otherwise covered in above clauses with the AUTHORITY as beneficiary/co-beneficiary.

16.1.5. The Operator shall be responsible to pay the premium regularly and maintain the insurance policies specified above at all time during the Contract Period. Operator shall be solely responsible in case of failure of its renewal. Copy of the same shall be submitted to the Authority when the same is due without and delays.

16.1.6. The applicable insurances will have to be drawn by the Operator as follows:

For the new lot of buses under the process of procurement – The Authority shall pay the first full insurance premium as applicable at the time of registration of buses and the Operator would be required to pay premium for renewal of insurance during the balance contract period. The first year insurance premium including *registration fee and Application fee* paid by the Authority shall be reimbursed by the Proposer to the Authority before commencement of bus operations.

16.2. Evidence of Insurance Cover

16.2.1. The Operator shall, from time to time, and in no case later than 15 days from receiving any insurance policy certificate provide to AUTHORITY/ Authority copies of all insurance policies (or appropriate endorsements, certifications or other satisfactory evidence of insurance) obtained by it in accordance with the conditions of the RFP.

16.2.2. If Operator shall fail to effect and keep in force the insurance for which it is responsible pursuant hereto, AUTHORITY shall have the option to take or keep in force any such insurance, and pay such premium and recover all costs thereof from Operator.

16.3. Application of Insurance Proceeds

16.3.1. Subject to the provisions of this Contract, all moneys received under insurance policies shall be promptly applied by the Operator towards repair or renovation or restoration or substitution of the Project Asset or any equipment/part thereof which may have been damaged or required repair/modification.

16.3.2. The Operator shall carry out such repair or renovation or restoration or substitution to the extent possible in such manner that Project Asset, or any part thereof, shall, after such repair or renovation or restoration or substitution is as far as possible in the same condition as they were before such damage or destruction, normal wear and tear excepted.

16.3.3. For insurance policies where the AUTHORITY is the beneficiary and where it received the insurance proceeds, only such sums as are required from the insurance proceeds for restoration, repair and renovation of the Project Asset.

16.3.4. In the event of breakdown/accident of a Contracted Bus leading to complete destruction such that the Bus cannot be repaired and operated in normal circumstances, and is rendered inoperable, the Operator will be required to

replace the damaged bus with another new bus of make and model acceptable to the Authority at his own cost. The Authority will pass on any insurance proceeds received by it towards damage of the Bus in question to the operator for contributing to the purchase of the bus, subject to such proceeds not exceeding the cost of the new Bus. The Operator will bear all the remaining cost of replacement of the Bus to the extent not covered by the insurance proceeds. Such replaced Bus will be owned by the Authority and shall form part of the Contracted Buses and shall be operated under similar contract conditions as the other Contracted buses during the remaining Contract Period. The Operator will cause the scrap of the damaged/destroyed bus to be delivered to the location specified by the Authority at his own cost, wherefrom the Authority will take its complete possession and control and dispose as it pleases without any compensation / payment to the Operator.

16.4. Validity of Insurance Cover

The Operator shall pay the premium payable on such insurance Policy/Policies so as to keep the insurance in force and valid throughout the Contract Period and furnish copies of the same to AUTHORITY for each year/policy period. If at any time the Operator fails to purchase, renew and maintain in full force and effect, any and all of the Insurances required under this Contract, AUTHORITY may at its option purchase and maintain such insurance and all sums incurred by the AUTHORITY therefore shall be reimbursed by the Operator forthwith on demand, failing which the same shall be recovered by the Authority by encashment of Performance Security.

17. PAYMENT OF QUOTED FEES TO THE AUTHORITY

- 17.1. The Operator shall pay the Quoted / Approved Fees fixed as per its Price Proposal on monthly basis (i.e. last date of the months in case the last day is a Holiday then the proposer shall pay the fee one day before) and negotiation held thereafter before the handover of the Buses.
- 17.2. On the date of execution of the Contract Agreement, the Successful Proposer/ Operator has paid an amount equivalent to (_____-/-(_____-)), by way of a demand draft, #_____, dated _____, drawn in favour of "Bathinda Urban Transportation Services Limited" payable at Bathinda towards the Quoted Fees in respect of the existing lot of operational Buses, which shall be handed over to the Operator within thirty days of the Execution Date. The Authority acknowledges the receipt thereof.
- 17.3. The Quoted Fee in respect of the remaining Buses shall be paid in accordance with the Fleet Deployment Plan annexed hereto as Appendix (to be added later on).
- 17.4. The Quoted Fees shall be paid through Demand Draft in favour of "Bathinda Urban Transportation Services Limited" payable at Bathinda . The DD should be drawn from any Nationalized or Scheduled Bank. No deductions on account of any taxes or any other levies, cesses or discounts, shall be permitted, whether statutory or otherwise from the Quoted Fees fixed.

- 17.5. In case of delay in the payment of quoted Fees within the time limit prescribed above/ and or in the Fleet Deployment Plan, Authority shall levy interest on delayed amount at the rate of 18 % p.a., for the period of delay (subject to a maximum delay of 15 days).
- 17.6. If the Operator fails to furnish quoted Fees within remedy period explained in above clause, it shall be considered as an Operator's Event of Default, which shall entitle the Authority to terminate the Contract in accordance with the provisions hereof.

18. TAXES AND STATUTORY LEVIES

18.1. The responsibility to pay taxes and statutory charges related to buses and bus operations would be divided between AUTHORITY and the Operator as mentioned in the Responsibility Matrix placed in following table.

Sr.No.	Taxes and Charges	Parties responsible for payment
1	Vehicle Insurance, Registration Charge and Application Fees	BUTSL (to be Reimbursed by Proposer / Operator as explained in 16.1.6)
2	Insurance premium as per provision of the RFP	Operator
3	Motor Vehicle tax within Municipal Limit of Bathinda	Operator
4	Motor Vehicle tax out side Municipal Limit of Bathinda	MV Tax to be paid by the Operator as applicable from time to time
5	Passenger Tax	Not applicable in Punjab
6	Stage Carriage Permit & Motor Vehicle Tax within MC Limits	Stage Carriage Permit Fee paid by BUTSL a. Permit Application Fee = authority shall seek reimbursement or get it exempted from State Authority. b. Permit Fee for Five Year: = authority shall seek reimbursement or get it waived off from State Authority. One Time Tax: exempted by State Authority for City Buses within MC limits
7	Service Tax	Payable by the operator

19. PARKING SPACE AND MAINTENANCE DEPOT

19.1 The bidders shall be responsible for arranging space for parking and maintenance of buses. The bidder shall provide necessary documents confirming the details for maintenance and parking of buses before the operation period and incase the bidder is unable to make the space available it shall form an event of default.

20. MAINTENANCE

20.1. The Operator shall observe the minimum service standards for operations and maintenance of buses as mentioned in Annexure 6.

20.2. The Operator shall maintain vehicles during night, without reducing the bus frequencies as per clause 7. Following activities shall be carried out by the Operator during night at the designated parking place.

Fuelling

Water topping of radiators

Checking and topping of engine oils
Checking of tyres

Cleaning, sweeping and washing of buses including soap washing every week.

Attending to defects reported by drivers during operation hours.

- 20.3. The Operator shall procure from time to time certificate of fitness and pollution under control certificate from RTO Bathinda for all buses. Such certificates shall be renewed on time to time basis.
- 20.4. The Operator shall also monitor pollutants like Butadiene, Benzene, Particulate matter, NOx, Hydro Carbons, Carbon Monoxide, Sox emitting from the bus operations. Authority shall also monitor all major pollutant emissions mentioned above from time to time.
- 20.5. Any laxity on the part of the Operator in maintaining the security of the Buses including theft or replacement of parts thereof with inferior quality material shall be viewed very seriously by the Authority and the complete responsibility for such security shall be the responsibility of the Service Provider. Upon occurrence of theft or such replacement of any Bus Component/ spare parts/ instrument/hardware /software installed by the Authority, the Operator shall reinstall/re instate such Bus Component/ spare parts/hardware/software/instrument and provide Buses that of original specification and functionality of that hardware/software/instrument and Buses immediately under prior information to the Authority. In the event of such breach in security, the Authority shall be fully permitted to take action, including filing complains to the police and the Operator shall have to co-operate with any such investigations that may result from such action thereof.

21. PERFORMANCE MONITORING AND DAMAGES PAYABLE

- 21.1. The authority shall review the performance of the Operator based on three sets of parameters indicated broadly as follows;

Sr. No.	Performance Parameter	Appraisal Time Period	Mode of appraisal
1	Bus Maintenance	Monthly and Random Checking	Physical checking
2	Bus Operations	Daily basis	Through GPS system connected with Central Control Centre/ Operations Registers
3	Staff Behaviour	Through random checking	Physical checking during operation hours, complaint call and letters from passengers.

- 21.2. The Operator shall be liable to pay damages to the Authority for non performance. The damages for non compliance to service standards and poor performance are placed as part of Annexure 7.

- 21.3. The Authority's representative shall submit the report on inspection and monitoring in the prescribed format to the Authority and the Operator on time to time basis.
- 21.4. The Operator shall have to pay the damages amount within first seven days of month following the month in which the damages have been levied.

22. SHAREHOLDING REQUIREMENTS

- 22.1. The Successful Proposer along with its Associates, shall hold 100 % of the issued, subscribed and paid up equity share capital of the Operator, unless otherwise approved in writing by the Authority, as on the Execution Date and during the entire Contract Period.
- 22.2. In case of Successful Proposer being a Consortium, the aggregate equity share capital of the Lead Member, in the issued, subscribed and paid-up equity share capital of the Operator shall not be less than 51% (fifty one per cent) during the entire Contract Period. The other member of the Consortium, whose financial capacity was considered for qualification of Successful Proposer in terms of the RFP, shall hold equity share capital representing not less than 10% (ten per cent) of the subscribed and paid-up equity of the Operator throughout the Contract Period.
- 22.3. Any non-compliance with the provision hereof by the Successful Proposer /Lead Member/ Consortium Members/ the Operator and failure to remedy such non compliance within 30 days from the date of Authority's notice in this regard shall constitute an Operator(s) Event of Default, which shall entitle the Authority to terminate this Agreement in accordance with the provisions hereof.
- 22.4. The Successful Proposer shall further ensure, that in the event it has been selected for the Project on the strength of the technical and or financial capabilities of its/ any of the consortium member's Associates, the said Associate shall remain an Associate of the Successful Proposer / member of the consortium, throughout the Contract Period.

23. OWNERSHIP, PROTECTION AND TRANSFER OF BUSES AND OTHER PROPERTY DURING CONTRACT PERIOD

- 23.1. Authority shall retain the title and ownership of Buses allotted /contracted by Authority to Operator for purposes of carrying out Operators 's obligations in relation to the Project including city bus service operations and Scope of Work during the Contract Period.
- 23.2. Such title and ownership of Buses shall be passed /transferred to the Operator upon expiry of Contract Period by efflux of time in normal course only and as against payment of an amount equivalent to 3% of the bus purchase cost for each category of bus **or** scrape value at the end of the contract period, as decided

by a committee comprising representative of the Authority, Operator and Independent Expert in such valuation, whichever is higher ("**Bus Transfer Cost**"). The Bus Transfer cost shall be paid in form of Demand Draft from any Nationalized or Scheduled Bank within 20 days of the expiry of the Contract in Normal Course. Performance Security of the Proposer shall be returned to the Operator only after Bus Transfer Cost is paid.

- 23.3. The Operator shall not have the right to refuse such transfer at the end of the term by efflux of time. In case the Operator refuses to accept the title and ownership of the Buses or refuses to pay the stipulated Bus Transfer Cost in respect of any or all Buses, **the Authority shall be liable** to forfeit the full amount of performance security.
- 23.4. Upon expiry of the Contract, the Operator shall handover over free from Encumbrances the peaceful possession of the all awarded/allotted Buses, , any other assets or equipment installed or developed by Authority including without limitation any and all software, or licenses purchased by the Authority in sound condition.
- 23.5. In case of any early Termination of the Contract before its normal expiry with the efflux of time, for whatever reason, the Operator shall handover over free from Encumbrances the peaceful possession of all awarded/allotted Contracted Buses or besides the vacant and encumbrance free possession of the Bus maintenance depots, parking space and any other assets installed or developed by Authority or Operator including without limitation any and all hardware, software, firmware, deliverables on board in sound condition.
- 23.6. In case of early termination of contract/and expiry of contract in normal course through efflux of time the Operator shall retain ownership of Hardware, software and furniture and fixtures and other equipments installed at Central Control Centre.

24. ROLES, RESPONSIBILITIES AND OBLIGATIONS OF THE OPERATOR AND BUTSL

24.1. Operator's role, responsibilities and obligations

- 24.1.1. The Operator shall take possession of the Buses for the purposes of operating and maintaining the Bus Service/ Bus Operation and adhere to requirements for the implementation of the Contract as provided in this RFP and the Bus Operators Agreement be signed between BUTSL and Operator.
- 24.1.2. The Operator agrees and confirms to cooperate with the third party contractors appointed by BUTSL for the purposes of establishing or operating any equipment, instruments or systems in the Buses or Project Facilities.
- 24.1.3. The Operator undertakes to comply with Applicable Laws in relation to the implementation of the Contract and rendering of Bus Service, at all times during the Contract period.

- 24.1.4. The Operator shall not tamper or interfere with any equipment, instrument or system including the GPS tracking facilities and CCTV surveillance and any other IT and Bus monitoring devices provided in the Buses and the Project Facilities to enable provision of safer Bus Services to the Passengers.
- 24.1.5. The Operator shall ensure that an accurate and complete record of the tickets issued and amount of Fare collected is maintained on a daily basis.
- 24.1.6. The Operator shall share information with Authority related to revenue/fare collected per bus/per route, as requested by the Authority at any point of time.
- 24.1.7. The Operator shall ensure that all Taxes and Duties are paid in a timely manner and there are no arrears with regard to the Contract.
- 24.1.8. The Operator shall ensure that it promptly pays any fines or damages that may be imposed for any defaults in compliance with traffic rules or other Applicable Laws in relation to the operation of the Bus Service.
- 24.1.9. The Operator shall ensure that the Buses and Project Facilities are maintained in clean, safe and reliable condition during the Contract Period.
- 24.1.10. The Operator shall appoint/ nominate one or more of its officers of suitable seniority in rank and tenure to act as the point of contact for BUTSL (**Officer in-Charge**) within the Operator's organization and who would assist in the implementation of the Contract and for enabling the resolution of any issues that may arise in the implementation of the Contract. It is clarified that information regarding such Officer(s) in-Charge, shall be communicated in writing by the Operator to BUTSL within 15 (fifteen) working days from the first COD.
- 24.1.11. The Operator shall be entitled to provide advertisement space on buses in accordance with the provisions set forth elsewhere in this Contract and shall be entitled to appropriate the revenue that it earns out of advertisement on Buses.
- 24.1.12. The Operator undertakes to provide any and all equipment, fuel, consumable, machine or material that is required for the uninterrupted and continuous operation, management and maintenance of the Bus Service and the implementation of the Contract. It is clarified that all the costs including costs relating to the equipment, material and consumables shall be solely borne by the Operator and the said facility will exclusively be used for the maintenance of the Buses being operated by the Operator under this Contract.
- 24.1.13. The Operator shall ensure that the Bus Service is operated and maintained so as to comply with the Service Standards. The Operator will be required to

ensure that the Buses are maintained in a road worthy condition that would ensure safe operation of the Buses on the roads at all times. Also the Operator shall ensure that the operation and running of Buses is uninterrupted, continuous and is not suspended or stopped in any manner.

- 24.1.14. The Operator shall ensure that the employees, workmen, personnel and staff who are employed for the purposes of the implementation of the Contract have the necessary skills, qualifications and credentials. The Operator shall be solely and exclusively responsible for all such employees, workmen, personnel and staff employed (including sub-contractors) for the purposes of implementing the Contract. The Operator shall ensure that all personnel and staff are under constant supervision so as to provide the Bus Service in a safe manner to the public. It is clarified, that the Operator shall only be able to appoint sub-contractor provided the Operator has obtained prior written approval of BUTSL, in this regard.
- 24.1.15. The Operator shall at its own cost provide operational and maintenance training at regular intervals to all employees, workmen, personnel and staff in relation to implementation of the bus operations and maintenance efficiently.
- 24.1.16. The Operator shall enforce a dress and appearance code approved by BUTSL in writing. The Operator shall provide at its own cost and expense uniforms and shall ensure that clean uniforms shall be worn by drivers, conductors and any other personnel and staff employed (including sub-contractors) at all times when they are on duty and doing any act in relation to providing the Bus Service under this Contract.
- 24.1.17. The Operator shall provide a summary of all the complaints and the disposal on a monthly basis to BUTSL. BUTSL shall review the complaints received and the disposal status including action taken by the Operator. In the event that course of action that has been taken by the Operator is not appropriate, BUTSL shall direct the Operator to take suitable action.
- 24.1.18. **Compliance with Applicable Laws:** The Operator agrees to comply with all Applicable Laws that are now or may in the future become applicable to Operator's management, operation and maintenance of the Project and personnel/ drivers, engaged in such operations covered by this Contract or accruing out of the performance of Bus Services and operations contemplated hereunder.
- 24.1.19. The Operator and all its employees and other staff & personnel shall secure and maintain in full force such permits and license as are required by the Applicable Laws in connection with the performing and rendering Services under this Contract.
- 24.1.20. **Employees, Personnel and Labour:** The Operator shall employ adequate number of appropriately qualified, skilled and experienced persons, including but not limited to skilled and experienced drivers, to execute the Project. The Authority may require the Operator, to remove any person employed for the Bus Services, who in the opinion of the Authority:

- i. persists in any misconduct,
- ii. is incompetent or negligent in the performance of his duties,
- iii. fails to conform with any provisions of this Contract, or
- iv. persists in any conduct which is prejudicial to safety, health, or the protection of the general public / environment.

- 24.1.21. The Operator shall be solely and exclusively responsible for the recruitment, payment of the salaries, wages and other payments and costs incidental thereto, health, hygiene, safety etc. and all taxes, charges, levies, duties payable under Applicable Laws arising from the respective terms and conditions of employment of all personnel and labour employed by the Operator in connection with the Project under or through whatever legal relationship. The Authority shall not be liable in any manner whatsoever in respect of such employees/ personnel and labour engaged by the Operator.
- 24.1.22. The Operator shall be solely responsible and liable for compliance with all Applicable Laws, including labour and local laws, pertaining to the employment of labour, staff and personnel engaged by it for implementing the Project. Under no circumstances shall the Authority be liable for any payment or claim or compensation (including but not limited to compensation on account of death/injury/termination) of any nature to such foregoing persons at any point of time during tenure of this Contract or thereafter and the Operator shall keep the Authority indemnified in this regard.
- 24.1.23. The Operator shall enforce a dress and appearance code approved by BUTSL in writing. The Operator shall provide at its own cost and expense uniforms and shall ensure that clean uniforms shall be worn by drivers and any other personnel and staff employed at all times when they are on duty and doing any act in relation to providing the Bus Service under this Contract.
- 24.1.24. All drivers shall hold commercial heavy duty vehicle license as per the Motor Vehicle Act valid since the last three years. Licenses of drivers shall be submitted to BUTSL for verification before deployment
- 24.1.25. The Operator shall be responsible for all the expenses including but not limited to travel, training of its employees, personnel's engaged by the Operator in connection with the Project.
- 24.1.26. The Operator shall make efforts to maintain harmony and good industrial relations among the labour and personnel employed in connection with the performance of the Operator's obligations under this Contract and shall at all times be the principal employer in respect of such labour and personnel.

24.2. BUTSL/ Authority agrees to observe, comply and perform the following:

- 24.2.1. BUTSL shall procure Buses for the purposes of the implementation of the Bus Services and hand over the possession of the same to the Operator for the limited purpose of enabling it to operate and maintain the Bus Services as per this Contract;
- 24.2.2. BUTSL shall appoint one or more officers of suitable seniority in rank and tenure to act as the point of contact for the Operator within BUTSL 's organization and who would assist in the implementation of the Contract and for enabling the resolution of any issues that may arise in the implementation of the Contract;
- 24.2.3. BUTSL shall apply for and obtain, at its own cost, Route Licenses (Stage Carriage Permits) from the RTA, Punjab and allow the Operator to operate the buses on its behalf under these Licenses.
- 24.2.4. BUTSL shall facilitate, on a best effort basis, the provision of necessary Applicable Clearances and Permits (including any renewals), as may be required in terms of the Applicable Laws, to the Operator during the Contract period, provided the Operator has made the applications for such permits/clearances to the concerned government authorities and is otherwise in compliance with the terms applicable for grant of the same.
- 24.2.5. BUTSL shall conduct regular inspections of Buses and the Project Facilities at any time during the Contract Period.
- 24.2.6. Provide the right of way to the Operator, in respect of the space for parking of Buses/ maintenance depot, together with the right to use such space only for the purposes set forth in this Contract.
- 24.2.7. BUTSL shall endeavour to restrict illegal operation of Para Transit (Shared Auto, Other buses etc.) on the allocated Routes of city bus operations.
- 24.2.8. Perform any other obligations mentioned in the various conditions in this RFP.

25. RIGHTS OF THE OPERATOR

- 25.1. Operator shall have right to
 - 25.1.1. Operate specified number of buses on the awarded routes as per conditions set forth in the contract.
 - 25.1.2. Collect and retain fares from the Bus users as per rates prescribed in this document and revised from time to time in accordance with the provisions hereof
 - 25.1.3. BUTSL shall delegate right to the Operator to penalise traveller commuting without ticket in cash as determined by the Authority. The rate of such

Penalty shall be determined by the Operator in consultation with the Authority.

- 25.1.4. Retain fleet of buses after completion of contract as per the terms specified in clause 23 of GCC.
- 25.1.5. Execute other rights mentioned in various conditions under this RFP.
- 25.1.6. Operate Buses with Value Added Service as per clause 3.9 of GCC

26. INTRODUCTION OF ADDITIONAL OF BUSES

- 26.1 The Authority may ask the operator to operate and maintain, as part of the its responsibility under the Contract, additional buses, not exceeding 25% of the initial lot of contracted buses.
- 26.2 The terms under which the operator shall operate and maintain these additional buses would be similar to the initial lot of Contracted Buses. The additional Quoted fees payable by the Operator for the additional buses would be determined as follows;
 - 26.2.1 Quoted Fees payable per every additional bus shall be the same Percentage of Quoted Fees for the total bus cost (excluding taxes) in pursuant to this RFP. For calculating the percentage of quoted fee payable for additional buses, percentage of quoted fees payable/paid per every bus will be taken into account.

27 OPERATOR'S EVENT OF DEFAULT

Any of the following events shall constitute an Event of Default by Operator (**Operator's Event of Default**) unless such event has occurred as a result of a Force Majeure Event:

- 27.1 Operator is in breach of any of its obligations under this Contract and the same has not been remedied for more than sixty (60) days
- 27.2 A resolution for voluntary winding up has been passed by the shareholders of the Operator
- 27.3 Any petition for winding up of Operator has been admitted and liquidator or provisional liquidator has been appointed or Operator has been ordered to be wound up by Court of competent jurisdiction, except for the purpose of amalgamation or reconstruction, provided that, as part of such amalgamation or reconstruction and the amalgamated or reconstructed entity has unconditionally assumed all surviving obligations of the Service Provider under this Agreement.
- 27.4 Operator fails to comply with the Applicable laws, rules and regulations.

- 27.5 Any representation made or warranties given by the Operator under this contract or under the RFP document is found to be false or misleading.
- 27.6 The Operator fails to maintain/ refurbish/ replenish the Performance security during the Contract Period as per terms of this contract.
- 27.7 The operator fails to arrange space for parking and maintenance of buses.
- 27.8 The Operator operating Buses other than the specified Clusters/ routes
- 27.9 The Operator has failed to ensure minimum shareholding requirements as specified in Clause 22 hereof
- 27.10 The Operator fails to Pay Quoted Fee/ Premium after end of remedy period provided in the GCC of the RFP document.
- 27.11 Operator suspends or abandons the operations of Buses without the prior consent of BUTSL/ Authority, provided that the Operator shall be deemed not to have suspended/ abandoned operation if such suspension/ abandonment was (i) as a result of Force Majeure Event and is only for the period such Force Majeure is continuing, or (ii) is on account of a breach of its obligations under this Agreement by BUTSL.
- 27.12 Operator repudiates this contract or otherwise evidences an intention not to be bound by this contract.
- 27.13 The Operator failed to make any payments/damages/damages due to Authority within period specified in Operator Agreement or indicated by BUTSL without any valid reason.
- 27.14 Operator failed to perform any of the Operator's obligations, which has a Material Adverse Effect on the contract.
- 27.15 Operator creates and Encumbrance over the Project Asset without prior approval of BUTSL.
- 27.16 Operator fails to adhere to the timelines set forth in the Agreement for Performance of Operator's obligations there under; and reason thereof Liquidated Damages exceeds value of Performance Security;
- 27.17 Repeated occurrence of breach of Operator's obligations specified in this Agreement and which shall not be remedied in Remedial Period specified by BUTSL;
- 27.18 Levy of an execution or restraint on the Operator's assets which has or is likely to have Material Adverse Effect and such execution or restraint remaining in force for a period exceeding 60 (sixty) days.
- 27.19 Any other default / breach of its obligation by the Operator, for which default/ breach termination has been prescribed in terms of this Contract.
- 27.20 In the Operator's event of default, the authority within 7 days shall issue a notice for remedy of such default.
- 27.21 The Authority may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Operator, and after giving reasonable

opportunity for setting right such default, terminate the contract in accordance with the provision hereof:

28 AUTHORITY'S EVENT OF DEFAULT

- 28.1 The authority is in Material breach of any of its obligations under this Agreement and has failed to cure such breach within sixty (60) days of occurrence thereof
- 28.2 The authority has unlawfully repudiated this Agreement or otherwise expressed its intention not to be bound by this Agreement such as Authority fails to renew stage carriage license/permit, demands withdrawal of the contracted buses etc.

29 TERMINATION DUE TO EVENT OF DEFAULT

29.1 Termination for Operator's Event of Default

29.1.1 Without prejudice to any other right or remedies which the Authority may have under this Agreement, upon occurrence of an Operator Event of Default, the Authority shall be entitled to terminate this Agreement by issuing a Termination Notice to the Operator; provided that before issuing the Termination Notice, the Authority shall by a notice inform the Operator of its intention to issue such Termination Notice and grant 15 (fifteen) days or reasonable period at sole discretion of Authority to the Operator to remedy the default ("Remedial Period") and/or make representations, and may after the expiry of such Remedial Period on non remedy of breach/default at the satisfaction of the Authority , whether or not it is in receipt of such representation, issue Termination Notice and then terminate the Agreement.

29.1.2 In the event of termination for an Operator Event of Default, Authority shall

29.1.3 Have the right to invoke and retain the Performance Guarantee amount in full,

29.1.4 The Authority has collected any payment due from the Operator on account of Damages, Liquidated Damages and as specified anywhere else in the RFP

29.1.5 In the event of termination of this Contract, the Operator shall have to handover all the contracted buses free of any encumbrances.

29.1.6 Intentionally Deleted

29.1.7 Except the provision of Clause 30.1.1 above, Authority shall not be liable to pay any other termination payment to the Operator.

29.2 Termination for Authority's Event of Default

29.2.1 Without prejudice to any other right or remedies which the Operator may have under this Agreement, upon occurrence of Authority's Event of Default, the

Operator shall be entitled to terminate this Agreement by issuing a Termination Notice to the Authority; provided that before issuing the Termination Notice, the Operator shall by a notice inform the Authority of its intention to issue such

Termination Notice and grant 15 (fifteen) days or reasonable period to the Authority to remedy the default ("Remedial Period") and/or make representations, and may after the expiry of such Remedial Period on non remedy of breach/default, issue Termination Notice.

29.2.2 Upon Termination of this Agreement on account of Authority's Event of Default, the Operator shall be entitled to receive;

- a) The refund/ release of performance guarantee in full provided there are no outstanding dues off the Authority on the Operator.

29.2.3 Except the provision of Clause 30.2.2 above, Authority shall not be liable to pay any other termination payment to the Operator.

30. FORCE MAJEURE AND CHANGE OF LAW

30.1 For purposes of this contract, Force Majeure means an event beyond the control of the parties to the contract and not involving either party's fault or negligence and not foreseeable.

30.2 If, at any time during the existence of the contract, either party is unable to perform in whole or in part any obligation under this contract rendering performance of obligations impossible because of any Force Majeure event which include acts of God, war, revolutions, hostility, civil commotions, strikes, fires, floods, earthquake, epidemics, quarantine restrictions, freight embargoes or explosions, then the date of fulfilment of contract shall be postponed during the period when such circumstances are operative.

30.3 For purpose of this contract, Change of Law means the coming into effect after the date of signing of the Contract of Applicable Law, or any applicable judgment of relevant court of law which changes the interpretation of the Applicable Law and is binding precedent which directly and adversely affects the Contractor's performance under the Contract in a material way.

30.4 If, at any time during the existence of the contract, either party is unable to perform in whole or in part any obligation under this contract rendering performance of obligations impossible because of any Change of Law event, then the contract shall be terminated.

30.5 The party which is unable to perform its obligations under the present contract shall, within seven (07) days of occurrence of the Force Majeure event, inform the other party with suitable documentary evidence. Non-availability of any component etc or any price escalation or change in any duty, tax, levy, charge etc shall not be an excuse for the Operator for not performing his obligations under this clause/contract.

30.6 If such inability on account of force majeure to perform continues for a period of

more than three (3) months, each party shall have the right to be released from further performance of the contract, in which case, neither party shall have the

right to claim damages from the other. All prior performance shall be subject to contract terms.

30.6.1 Upon Termination of this Agreement on account of a Force Majeure Event, the Operator shall be entitled to receive;

- a) The refund/ release of Performance Security in full provided there are no outstanding dues off the Authority on the Operator.

31 . DISPUTE RESOLUTION

31.1 Amicable Resolution

31.1.1 Save where expressly stated otherwise in this Agreement, any dispute, difference or controversy of whatever nature howsoever arising under, out of or in relation to this Agreement including non completion of the Contract between the Parties and so notified in writing by either party to the other (the "**Dispute**") in the first instance shall be attempted to be resolved amicably by the Parties and failing such resolution of the same, in accordance with the procedure set forth in clause 32.1.2 below.

31.1.2 Either Party may require the Dispute to be referred to the Board of Director, BUTSL for amicable settlement. Upon such reference, both the parties and the Board of Director or its nominee (who can be an employee of BUTSL dealing the BUTSL functions or otherwise) shall meet at the earliest mutual convenience and in any event within 15(fifteen) days of such reference to discuss and attempt to amicably resolve the dispute. If the Dispute is not amicably resolved within 15(fifteen) days of such meeting, either Party may refer the Dispute to arbitration in accordance with the provisions of clause 32.2 below.

31.2 Arbitration

31.2.1 Arbitrator

In the event of any dispute arising between the Parties in relation to or under this Agreement, the same shall be settled by arbitration conducted by an arbitration tribunal consisting of three arbitrators, one to be appointed by each party and the third arbitrator being appointed by the two arbitrators so appointed. The decision of the arbitration tribunal shall be final and binding.

31.2.2 Place of Arbitration

The place of arbitration shall be Bathinda.

31.2.3 Language

The request for arbitration, the answer to the request, the terms of reference, any written submissions, any orders and rulings shall be in English and, if oral hearings take place, English shall be the language to be used in the hearings.

31.2.4 **Procedure**

The procedure to be followed within the arbitration, / arbitral tribunal and the rules of evidence which are to apply shall be in accordance with the Arbitration and Conciliation Act, 1996.

31.2.5 **Enforcement of Award**

Any decision or award resulting from arbitration shall be final and binding upon the Parties. The Parties hereto agree that the arbitral award may be enforced against the Parties to the arbitration proceedings or their assets wherever they may be found and that a judgment upon the arbitral award may be entered in any Court having jurisdiction thereof.

31.2.6 **Fees and Expenses**

The fees and expenses of the arbitrators and all other expenses of the arbitration shall be initially borne and paid by respective Parties equally subject to determination by the arbitrators. The arbitrators may provide in the arbitral award for the reimbursement to the prevailing party of its costs and expenses in bringing or defending the arbitration claim, including legal fees and expenses incurred by the said Party.

31.2.7 **Performance during Arbitration**

Pending the submission of and/or decision on a Dispute, difference or claim or until the arbitral award is published; the Parties shall continue to perform all of their obligations under this Agreement without prejudice to a final adjustment in accordance with such award.

32. LAWS GOVERNING THE CONTRACT

32.1 This contract shall be governed and interpreted in accordance with the laws of India.

32.2 **Jurisdiction of Courts** - The Courts of Bathinda , the place from where the 'Letter of Award' of Proposal has been issued and where the contract is to be performed alone shall have exclusive jurisdiction over all matters arising out of or in respect of the contract.

33. INDEMNITY

33.1. Operator shall at all times, i.e. during the subsistence of the Agreement and at any time thereafter, defend, indemnify and hold Authority harmless from and against all claims (including without limitation claims for infringement of intellectual property, breach of contract, death or injury to person or injury to property, or other tort claims) and expenses (including court costs) arising out of or relating to the breach by Operator of any covenant representation or warranty or from any act or omission of the Service Provider or his agents, employees or sub-contractors.

The Operator agrees that the essence of contract and other contractual obligations shall become effective from the date of Letter of Award i.e. LOA. The Operator further agrees that pre-estimated damages mentioned at GCC and elsewhere of the Proposal documents, are fair and genuine pre-estimate and not by way of penalty. The Operator shall not dispute the same in future in any manner.

IN WITNESS WHEREOF the parties hereto have caused their respective Common Seals to be hereunto affixed (or have hereunto set their respective hands and seals) the day and year first above written.

SIGNED, SEALED AND DELIVERED

By the said

By the said

Name

Name

on behalf of the
Operator

on behalf of the
Authority

in the presence of:

In the presence of:

Witness

Witness

Name

Name

Address

Address

PART II: ANNEXURE

Annexure 2: Bus specifications

Bus Specifications are attached separately as Volume II A for 20 mini buses being purchased and 10 semi low floor buses are already in operation. these Specifications are as given by the Bus Manufacturers in their Technical Submissions during the purchase process.

Annexure 3: Suggested Bus Routes and Scheduled Frequency

5.4 PROPOSED BUS ROUTE NETWORK

The city bus route network has been developed for Bathinda. The proposed network covers a total of nine bus routes. The proposed route network with terminal locations is given below:

1. Bus Stand- Railway Station- Sikri Bazar- Sabzi Mandi- Bus Stand (Inner Ring Bus Service).
2. Anaj Mandi- Model Town- Urban Estate – 100 ft Road- Bibiwala Chowk- Stadium- Tinkoni- Paras Ram Nagar- Railway Station- Thandi Sadak – Anaj Mandi (Outer Ring Bus Service).
3. GZS Engineering College- Bus Stand
4. Adesh Medical Institute- Bus Stand
5. Gill Patti- NFL-GT Road- Urban Estate- Model Town Gurudwara
6. Anaj Mandi- Jassi Po wali
7. Bibiwala chowk- Railway Station
8. Bibiwala Chowk- Amarpura Basti
9. Bibiwala Chowk- Lal Singh Basti

The route wise description of the areas covered is given in following paragraphs for a complete understanding of proposed bus route network.

5.5 PROPOSED BUS ROUTE DESCRIPTION

1. BUS STAND- RAILWAY STATION- SIRKI BAZAR- SABZI MANDI- BUS STAND (INNER RING BUS SERVICE)

CLOCKWISE DIRECTION: Bus stand-Liberty Chowk- Anaj Mandi- Road leading to Multania ROB- turn left and keep moving under the ROB- turn right from under the ROB onto Sirki Bazar- move along Sirki Bazar Road- Turn left onto Mall road- reach Railway Station- come out of Railway Station from Fish Market Road- Old Hospital taxi stand- turn left onto mall road- Hanuman chowk- turn right towards Fauji Chowk- Bus Stand.

RESERVE DIRECTION: Bus Stand- Hanuman Chowk- Mall road upto Railway Station- Fish Market- Old Hospital- Mall road turn right onto Sirki Bazaar- turn right on Sirki Bazaar towards Multania ROB- Turn left under the ROB- continue to move along slip road of Multania ROB- Anaj Mandi- Liberty Chowk- Bus Stand.

1. ANAJ MANDI- MODEL TOWN- URBAN ESTATE- 100 FT ROAD- BIBIWALA CHOWK- STADIUM- TIN KONI- PARAS RAM NAGAR- RAILWAY STATION- THANDI SARAK- ANAJ MANDI (OUTER RING BUSSERVICE)

CLOCKWISE DIRECTION: Anaj Mandi- Road leading to Multania ROB- turn left and keep moving over the ROB- take U turn from foot of the ROB to get on the right side slip road- keep moving along the slip road- turn left onto Thandi Sarak- turn right along the Railway Ground- get to the Railway Station (on Thandi Sarak side)- take a left turn to get on the road on

the other side of Railway ground- turn right and continue moving along Thandi Sarak- turn left to parshuram chowk-go on the parshuram ROB- Santpura Road- Turn right on 100 ft road- turn right and move long the road to get to SSD College- Teen koni- turn right on GT road- Bhatti road- continue on Bhatti road- turn right on 80 ft road- continue on 80 ft road- turn left onto Bibiwala Road- continue moving along Bibiwala road upto Bibiwala Chowk- make a U turn from Bibiwala Chowk to come back to Bibiwala road and continue moving till junction of 100 ft road till the junction with Bhagu Road- turn left from 100 ft onto Power House Road and keep moving towards Urban Estate- turn right in Urban Estate Ph2 P2 Road towards Basant Plaza- Gurudwara (Model town)- TV centre- Turn right on GT Road- Liberty Chowk- Anaj Mandi.

ANTICLOCKWISE DIRECTION: The route will be along the same path but in the reverse direction of clockwise movement.

2. GZS ENGINEERING COLLEGE- BUS STAND

Onward Direction: GZS-Focal point –Milk Plant-get on the ROB being constructed on Dabwali Road-elevated ratary-Liberty Chowk- Rajindra College- Bus Stand

Reverse Direction: Railway Station-Fish Market-Old Hospital-Mall road and then it will traverse along the same path as in onward journey.

3. BUS STAND- ADESH INSTITUTE OF MEDICAL SCIENCES & RESEARCH

Onward Direction: Bus terminal- Fauji Chowk- turn right on Bibiwala road- DAV College- Bibiwala Chowk- turn right on Barnala bypass road- Chetak Park- Bhucho Khurd- Adesh Institute.

Reverse Direction: Will traverse along the same path as onward journey.

4. GILL PATTI- MODEL TOWN GURUDWARA

Onward Direction: Gill Patti- NFL-continue moving along GT road till Powerhouse Road- continue till powerhouse and 100 ft junction- turn left on 100ft road- turn right form Ghoda Chowk- move along Ajit Road- Urban estate ph3- urban estate ph-2 turn right to Model town Gurudwara.

Reverse Direction: Will traverse along the same path as onward journey.

5. BIBIWAL CHOWK- RAILWAY STATION

Onward Direction: Bibiwala Chowk- move along Barnala bypass-turn left on 60 ft road- continue moving till 60 ft and 80 ft road- turn right onto 80 ft road- continue and

then turn right from 80 ft and Bhatti road junction onto Bhatti road- continue along the road- turn left onto Barnala bypass from Bhatti road and Barnala bypass junction- continue along Barnala bypass road till Rose Garden junction- turn left onto GT road- Teenkoni junction- turn left on Amrik Singh road- Mall road- Railway Station

Reverse Direction: Will traverse along the same path as onward journey.

6. BIBIWALA CHOWK – AMARPURA BASTI

Onward Direction: Bibiwala Chowk- turn on Barnala bypass road- continue till Bhatti road- Barnala bypass junction- turn left on Bhatti road- turn right on GT road- teenkoni- turn right from SSD College- continue till 100 ft road- turn left on 100 ft road- turn left on Santpura road- get on the Paras Ram ROB- Sandip Chowk- turn left from Sandip Chowk- turn right on Thandi sarak- turn left along the Railway Ground- get to the Railway Station- take a left turn- turn left to get on the road on the other side of Railway Ground- turn left and continue moving along Thandi sarak- move under the Multania ROB- turn right on Amarpura Basti.

Reverse Direction: Will traverse along the same path as onward journey.

7. BIBIWALA CHOWK- LAL SINGH BASTI

Onward Direction: Bibiwala chowk- turn on Barnala bypass road- continue till Bhatti road- Barnala bypass junction- turn left on Bhatti road- turn right on GT road- Teenkoni turn right from SSD College- continue till 100ft road- turn left on 100 ft road- turn left on Santpura road- get on the Paras Ram ROB- Sandip Chowk- turn left from Sandip Chowk- turn right on Thandi sarak- turn left along the Railway Ground- get on the Railway Station- take a left turn- turn left to get on the road on the other side of Railway Ground- turn left and continue moving along Thandi sarak- turn right under the Multania ROB- turn left and then turn right on Lal Singh Basti.

Reverse Direction: Will traverse along the same path as onward journey.

The route number 7 and 8 will cover areas of Lal Singh Basti and Amarpura Basti in alternate schedules i.e. in the first schedule the route will be from Bibiwala chowk to Lal Singh Basti, while in the next schedule it will be from Bibiwala Chowk to Amarpura Basti.

8. BUS STAND- JASSI PO WALI

Onward Direction: Bus Stand- Rajendra College- Liberty Chowk- ITI- Jassi Po Wali

Reverse Direction: Will traverse along the same path as onward journey.

Route No.	Route Detail	Semi Low Floor Non-AC	Mini buses Non-AC	Total
1	Bus Stand- Railway Station- Sikri Bazar- Sabzi Mandi- Bus Stand (Inner Ring Bus Service).	Nil	6	6
2	Anaj Mandi- Model Town- Urban Estate – 100 ft Road- Bibiwala Chowk- Stadium- Tinkoni- Paras Ram Nagar- Railway Station- Thandi Sadak – Anaj Mandi (Outer Ring Bus Service).	Nil	6	6
3	GZS Engineering College- Bus Stand	1	Nil	1
4	Adesh Medical Institute- Bus Stand	3	Nil	3
5	Gill Patti- NFL-GT Road- Urban Estate- Model Town Gurudwara	3	Nil	3
6	Anaj Mandi- Jassi Po wali	2	Nil	2
7	Bibiwala chowk- Railway Station	Nil	3	3
8	Bibiwala Chowk- Amarpura Basti	Nil	1/2	1/2
9	Bibiwala Chowk- Lal Singh Basti	Nil	1/2	1/2

Annexure 5: Schedule of Fares for city bus services

Fare Structure for city bus services (in the Municipal Corporation/outside Municipal Corporation limit)			
Sl. No.	Km Range	Fare for Non AC Buses in Rs.	Fare for AC Buses in Rs (10% higher than the Non AC Bus fare)#
1	Upto 5 kms	5	N.A.
2	5-10 Kms	10	N.A.
3	10-16 Kms*	15	N.A.

Note:-

‘*’ - for every increase in a kilometer beyond 16 kms, the fare shall be increased @ Rs. 0.75 per km.

‘#’ - The Fare for AC buses shall be 10% higher than Non AC buses.

Annexure 6: Operation and Maintenance Requirement

(To be read in addition to such responsibilities that may be mentioned elsewhere in the RFP)

1	Operator would provide suggestions with regard to quality of being buses purchased by the Authority by actively involving himself in the quality assurance process at the sole discretion of AUTHORITY. It shall deploy manpower with necessary technical knowledge for the purpose.
2	Operator would equip depot workshops with all plant and equipment, tools and tackles, jigs, fixtures, etc at his cost for effective and efficient washing, cleaning, upkeep, repair and maintenance, running repairs, break down repairs, or any other activity, etc of buses on day to day basis.
3	Operator would make adequate arrangement either in-house or outsourced for overhauling of bus aggregates, repair and retreading of tyres, repair of bus bodies, repair of accidental buses, etc to the satisfaction of the bus owner.
4	Operator would engage technically qualified / competent manpower for above work/activities. Operator would equip himself / his staff with technical details for all the repair, maintenance and overhaul activities, procedures and practices therefore, accuracies, tolerance and limits, etc. In the event of his outsourcing some or all activities, Operator would have adequate number of technically qualified engineers / inspectors for quality assurance of all outsourced activities.
5	Operator with the help of AUTHORITY collect all technical literature such as service manuals, spare parts manuals, wall charts, etc and tools, etc along with all other details likely to be required by him from the manufacturer. AUTHORITY shall hand over such technical literature to the Operator and the Operator shall deposit two copies of the master set with AUTHORITY.
6	Operator would make adequate arrangement either in-house or outsourced for attending to road calls on-line, towing of failed vehicles if required, clearance of bus ways, etc in least possible time. Operator would provide an alternative bus to operate other scheduled services of the said failed bus.
7	Operator would obtain one set, for every fifty buses, of coloured wall charts of various bus aggregates such as engine, fuel injection components and fuel supply system, automatic transmission, rear and front axles, braking system / components / units etc as also of the chassis showing cut outs and assembly details besides chassis lubrication etc.
8	Operator would take insurance cover of all buses, all other assets at depot, etc once they are handed over to him and are in his custody to protect AUTHORITY from any loss because of damages (including fire) to bus/ other assets. Losses of whatsoever nature / kind while buses/other assets are in custody of the Operator, would be borne by the Operator.
9	Operator would make adequate communication arrangements / develop communication facilities / centre for effective and efficient, timely communication of all incidents/ accidents/ breakdowns etc. to relevant authorities / persons / officials.
10	Operator would ensure that all the proposed facilities / arrangements are functional before the buses are ready for delivery. Operator, on taking delivery of buses along with all relevant documents, would be fully responsible for safety, security, operational
11	readiness, operations, repair and maintenance, reconditioning etc besides their periodic roadworthiness certification, pollution under control certification, etc of buses ensuring always that buses meet all regulations / laws / acts applicable to holding, upkeep, operation and maintenance of buses during their service life.
12	Operator would pay for all expenses for any or all of the above activities / requirements and that AUTHORITY would not be

	responsible for any aspect related to buses other assets after they are handed over to the Operator.
13	Operator would deal with all accidents and the activities / claims / expenses / any other aspect related to any accident of any of the buses/assets handed over to the Operator by AUTHORITY. In other words the entire responsibility for all such cases would be of the Operator without any involvement of AUTHORITY even if buses / other assets are owned by / are in name of AUTHORITY.
14	Operator would establish bus painting facilities, other body repair facilities, at the depot workshop.
15	Operator would agree to fulfil service quality requirements and agree to any punitive actions including recovery of prefixed liquidated damages by AUTHORITY for not meeting prescribed service quality standards. Operator would expressly agree that the punitive actions of recovery of pre-fixed liquidated damages for defaults in delivery of services etc are reasonable and just. Operator agrees to pay to AUTHORITY and that he would not at any stage and in any manner dispute the same.
16	Operator would identify drivers and technicians @ 2.5 drivers and 1.5 technicians per bus for undergoing orientation / familiarisation training programme at Bathinda . Contactor would also arrange for space, the training bus, fuel etc for said training programme at his cost. Operator may enter into an arrangement with the said people to remain with him for a given period after the training.
17	<p>Operator would submit a comprehensive programme for maintenance of buses up to the contract tenure through preventive/periodic/ predictive maintenance activities, repair/maintenance for normal wear and tear of components, break down repairs, major repair / reconditioning of sub-assemblies, assemblies, bus bodies, tyres, accidental damages, etc for buses so as to ensure their desired serviceability up to the contract tenure and delivery of service performance as under:</p> <ol style="list-style-type: none"> i. The Operator shall be required to maintain an assured fleet availability for service on roads of 93%, 92%, 91% of the each type of Contracted Buses on a daily basis in the 1st, 2nd and 3rd year of the Contract Period respectively and 90% thereafter upto the end of the Contract Period ii. Buses would generally be utilized in two major shifts. Timely availability of serviceable fleet has to be ensured in each of the 2 shifts - up to 8 AM for 1st shift and 4 PM for 2nd shift. Buses made available thereafter, even if operated for revenue earning kms would not be considered available for that shift. iii. Buses breaking down on-line would be considered available for a shift if they individually complete at least 90% of scheduled kms during that shift subject. iv. Above service requirements would be calculated quarterly i.e. 180 shifts every quarter. v. Operator would maintain bus wise shift wise record duly verified by the representative of AUTHORITY. vi. Periods of non availability of buses due to reasons such as floods, fire, natural disasters, detention in police/judicial custody etc, beyond the control of the Operator , would not be counted for above assessment. Decision of AUTHORITY would be final in all such issues. vii. Non availability of the buses as per the Availability Factor would render Operator liable for pre-estimated liquidated damages / fines as which would be recovered from the bills payable to the Operator.
18	All damages caused to bus or any of its items/subsystems/systems, in accidents would be repaired by the Operator at his cost except cost of repair of bus damages attributable to war, civil commotions, strikes, floods, earthquake and explosion, etc. Bus owners decision would be final and binding in such cases. A reasonable period, for repair of damages in later case, as decided by AUTHORITY would be excluded for calculating bus availability.

19	Operator would comply with all laws as applicable from time to time including Employees State Insurance/Labour/Provident fund and/or any other statutory requirement for the Operator's personnel, and submit proof of making statutory payments every month. AUTHORITY would clear Operators payments/bills subject to submission of said proof. In any case Operator would keep AUTHORITY indemnified against payment of any statutory duties, levies, etc of which is the responsibility of the Operator. Operator would fulfill all provisions of rules and regulation of the prevailing laws like labour laws, industrial dispute act, workman compensation act, factories act, motor vehicle act etc. For any dispute arising out of the prevailing laws and Operator would be liable and responsible for the same. Operator would obtain necessary license/ permit under the prevailing laws and also fulfill requirements of all laws, AUTHORITY would not be liable and responsible for the same in any manner.
20	Operator would maintain log books, bus wise, and all maintenance work / activities pertaining to each bus would be entered there-in on regular basis. AUTHORITY would be free to inspect logbooks at all times and the Operator would make log books available to him/ his representative and answer all queries to AUTHORITY satisfaction.
21	All the unserviceable/ defective parts/ items/ used tyres for the first time etc. except used lubricants replaced by the Operator from buses would be the property of AUTHORITY and are to be deposited/ disposed of as per the instructions of AUTHORITY. All provisions of this document would be applicable, mutatis mutandis, for providing buses for operation during night shift if so required and or full complement of buses required on festival days / special occasions etc as decided by AUTHORITY.
22	Operator would be responsible for meeting costs and consequences, whether civil or/and criminal, of any Challan/ fine/ prosecution etc. owing to any act or negligence on the part of the Operator under this Contract.
23	Adverse operating conditions would not affect Contractual obligations and parameters of performance under the Contract. Wear and tear of the bus due to bad road conditions, rains, flooding of roads, heavy traffic etc. will not be a defence on the part of the Operator for not fulfilling his Contractual obligations as per the Contract.
25	AUTHORITY reserves its right to install any value added services such as CCTV, Cameras / phone / entertainment and passenger information equipments, other systems etc. and other gadgets / equipments such as Automatic Vehicle Tracking System, Global Positioning System, Automatic Ticketing Machine etc. for any reason including to enhance safety, for commuter convenience, for better quality of service, to meet statutory requirements, etc. Operator would not claim any share in the revenue, which may accrue to AUTHORITY due to the aforementioned services / equipment / gadgets. Operator would not increase or hike maintenance charges because of above, nor would the quality / parameters of services provided get impaired due to such installations equipment. Operator would take due care so as to ensure that there is no damage to the installations / equipments etc., during /after maintenance services. AUTHORITY may have a separate maintenance contract for these additional equipments / installations and Operator would have no objection for same. Operator would take due care that any such equipment is not damaged during maintenance / cleaning / washing of buses.
26	AUTHORITY would have full access to carry out inspection of the maintenance & repair work done by the Operator, as per the standard/ norms of Vehicle. AUTHORITY may, at his discretion, inspect all buses daily for body condition, assemblies, spares, tyres and other accessories and if any of these is found lost/ missing during repair & maintenance, the Operator would be held responsible for the said loss and amount of the loss would be recovered from him.
27	Operator would acquire adequate number of float units of various bus aggregates to avoid bus hold ups awaiting reconditioning etc of such aggregates.

28	AUTHORITY may introduce best practices for Operation and Maintenance of buses and training of manpower subsequently which shall be binding to the Operator during the contract period.
----	--

Annexure 7: Damages/ Performance Review System

Sr.No	Elements	Damages Rs/ Per Bus Per Day
1	Modification/Damage of the design or paintwork of the exterior or interior of the bus without the authorization of Authority	75
2	Missing bus body panels on the exterior/interior of the bus	200
3	Defective or malfunctioning headlights, rear lights, brake light, turning indicators and parking lights at the time of Bus Operations	150
4	Dirty vehicle, inside or outside, at the time of start of first shift in the morning in terms of litter thrown, mud slings, other large stains	100
5	Broken/damaged windows, fixed glass, front windshield or rear windshield	100
6	Fire Extinguisher missing or beyond expiry date	400
7	Malfunctioning passenger door	250
8	Broken/Loose/Missing Passenger Seat	200
9	Loose handrails, roof grab rails and/or with Sharp edges	400
10	Visible dents on the bus exterior	100
11	Malfunctioning/Broken Light in the passenger compartment	250
12	Placing any poster/stickers or similar items inside or outside the bus for purposes other than formally authorized advertisement at designated places	200
13	Damage to the GPS unit installed by Authority or its agents on the bus	200
14	Letting passengers access bus at locations other than Bus Station and Terminals or as designated by Authority	50
15	Stopping at Station not designated as per Operating schedule unless authorized by Authority	10
16	Changing bus route without authorization of Authority	1000
17	Causing minor damage to Bus Station and other assets	Repair
18	Overcharging fares from passengers directly	300
19	Driver smoking while driving	100
20	Misbehavior by driver with Authority officials	300
21	Cause accident due to irresponsible driving/Speeding without any injury to human being	300
22	Non fatal accident with injury	Rs 500 per injury
23	Fatal Accident	As per Actual (Authorized by Authority & Certified Doctor)
24	Passengers travelling on the top of the bus	Rs 300
25	Non – availability of bus as per Assured Fleet Availability factor as applicable	Rs. 500 per bus per day

Volume IIA

ANNEXURE-I

S/N o.	Parameters	Details	Recommended Specifications
1	Dimensions of chassis (single deck in mm)	Wheel Base	Standard Bus (Type I Bus as per AIS 052) Not less than 5540 mm / As per CMVR Rules or approved by GoP
		Front Overhang	1900 to 2512 mm As per amendment given in proceeding dated 4.7.2011 (Minimum required Front Overhang is 1900 MM)
		Overall Length	10900 to 12000 mm
		Overall width	2550 mm minimum, 2600mm max
		Overall height	3800 mm Max
2	Power Steering		Required The steering position shall be on the right hand side of the bus. The Integral hydraulic power assisted steering with adjustable/fixed column, if adjustable steering not provided then minimum three way adjustable driver seat must provided
3	Transmission i.e. Automatic / Manual		Automated manual gear shift / power assisted gear shift / automatic transmission / manual-Optional Single plate dry type Mechanically/Hydraulically actuated. Manual transmission with minimum 5 forward and one reverse gear suitably designed for all terrain city operation. Automatic transmission - Optional
4	Suspension type for Front / Rear		Air Suspension for Semi Low Floor (<=650 mm) is required in the Rear Only. As per amendment given in proceeding dated 4.7.2011 (Air Suspension for Semi Low Floor (<=650 mm) is required in the Rear Only. However, Air Suspension in front may also be provided (Optional))
5	Acceleration		0-30 Kmph in 15 sec or less required Electronic Speed Governors to be provided as per AIS 018. GPS unit should be fitted in the vehicle.
6	Chassis/body		The all steel ladder type Chassis frame or Monocoque design body shall conform to Urban Bus Specifications, latest revision of Punjab Motor Vehicle rule and CMVR Regulations prevailing at the time of supply in all respects. Chassis shall comprise of chassis frame, Engine, Air Compressor, Self starter, Alternator, Radiator, Transmission (including Clutch Gear Box (Automatic or Manual optional) and Propeller Shafts, Front axle assembly, Rear axle assembly, Air suspension, Power Steering Assembly, Six Wheels with tyre Assembly, Full air brake system with DDU/Air drier and parking brake, 24V Heavy Duty electrical Wiper Assembly/pneumatic wiper

[Handwritten Signature]

		motor, Head and Tail Lamp Assemblies, Electrical Horns, Aesthetically designed Instrument panel and Four way adjustable type Driver Seat Assembly with safety belt or driver seat conforming to CMVR requirements, Engine Bonnet with proper insulation, CMVR kit.				
7	Engine Location	Rear Engine.				
8	Engine & FIP	The Engine shall be a six cylinder vertical, compression ignition, water cooled, four stroke run on high speed diesel oil, conforming to BS-III Norms with Diesel Front/ Rear Engine. <table border="1"> <thead> <tr> <th>Engine Output</th> <th>Torque</th> </tr> </thead> <tbody> <tr> <td>Minimum 140 HP at 2400 to 2500 RPM.</td> <td>40 to 50 Mkg at 1500 RPM.</td> </tr> </tbody> </table> <p>As per amendments in proceedings dated 4.7.2011 (Minimum Torque is 40Mkg.)</p>	Engine Output	Torque	Minimum 140 HP at 2400 to 2500 RPM.	40 to 50 Mkg at 1500 RPM.
Engine Output	Torque					
Minimum 140 HP at 2400 to 2500 RPM.	40 to 50 Mkg at 1500 RPM.					
9	Alternator & Self Starter	Big Buses: Dynamically balanced Alternator with built in regulator of minimum 100 Amps output shall be provided. The Starter Motor shall be with minimum rating of 4.50 KW. Both these units shall be so located as to prevent ingress of oil or rainwater into them. <p>As per amendments in proceedings dated 4.7.2011 (Big Buses: Dynamically balanced Alternator with built in regulator of minimum 90 Amps output shall be provided. The Starter Motor shall be with minimum rating of 4.00 KW. Both these units shall be so located as to prevent ingress of oil or rainwater into them).</p>				
10	Cooling System	The System shall include Radiator, Water pump and Fan of adequate capacity with thermostat to control the coolant temperature 85 C to 95 C. The thermostat shall be of fail-safe type.				
11	Pollution & Exhaust Gas	The Engine shall meet Bharat Stage-III emission norms or latest norms applicable at the time of delivery of chassis. The Bidders shall give a certificate based on their Engine Dynamo Meter. Test the exhaust gas analysis of CO, HC, NOX and PM (Particulate matter) in Gms/KWh. Photo Copy of the test certificate issued under CMVR rules by the Competent Authority shall be submitted at the time of Delivery				
12	Front Axle	The Front Axle shall be with a minimum load carrying capacity of 5400 Kgs.,				
13	Rear Axle	Big Bus-Fully floating type with a minimum carrying capacity 10203kgs				
14	Tyres	Wheel Rims size 8.25x22 11R23.5 16 PR- Radial tyre 16 PR having size 1000x20-7 Nos. <p>As per amendments in proceedings dated</p>				

			4.7.2011 (Wheel Rims size 8.25x22 11R23.5 or 11R22.5 16 PR- Radial tyre 16 PR having size 1000x20-7 Nos of approved brands only).
15	Brakes		Dual line Full Air Brake system shall be provided on all four wheels with Auto Slack Adjusters, and quick release exhaust valve. Graduated type hand control valve shall be provided for Hand Brake system with actuators operating on rear wheels. The control valve shall be provided on the right hand side of the driver on the Dash Board or floor. Auxiliary tank shall be provided for utilizing air for air suspension etc.
16	Gradeability		16% to 24%
17	Electrical System		The system shall be of 24 Volt DC. A battery-isolating switch (main cable cut off switch) shall be provided near driver seat on the RH side. Batteries -12Vx2 nos. min - 165AH. As per amendments given in proceedings dated 4.7.2011 (Electrical Isolating switch can be on the rear of the bus with on/off control at Driver Dash Board or near the driver seat.)
18	Electricals		Head lights - Min 2 no, fog lamps- 2 nos, Blinkers - at front , rear and sides on all wheels, Height marker lamps at front & rear, Tail lamps - 4 lamp cluster on each side, Reflectors - as per standards, Saloon lighting - Adequate lighting shall be provided Standard lights in engine compartment Heavy duty twin blade wiper with water sprinkler As per AIS 052
19	Instrument panel		Aesthetically designed Instrument panel should consists of Speedo meter with Km counter, Air Pressure Gauges, Flashing - Side indicator and switch, Warning lamp / buzzer for low air pressure, warning lamp / buzzer for discharging of batteries, Starter Switch, Dipper switch, Ammeter, Temperature Gauge, Engine oil pressure gauge, Engine RPM Meter Etc. As per amendments given in proceedings dated 4.7.2011 (Aesthetically designed Instrument panel should consists of Speedo meter with Km counter, Air Pressure Gauges, Flashing - Side indicator and switch, Warning lamp / buzzer for low air pressure, warning lamp / buzzer for discharging of batteries, Starter Switch, Dipper switch, Ammeter/Voltmeter, Temperature Gauge, Engine oil pressure gauge, Engine RPM Meter Etc.)
20	Gear Shifting Position	Column/Floor	Column/Floor
21	Approach Angle (Min)		Min. 8°
22	Departure Angle (Min)		Min. 8°
23	Maximum		Max. 6%(As per AIS052) Max

C. Nuth

	Floor Slope		
24	Low Floor Area	(% of total floor area)	35%
25	Life Cycle Requirements	Drive Train	Life of bus - 10 years or as mandated by local legislation -AMC by Manufacturers /as per manufacturer's recommendations
		Body Structure	- Refurbishing of body every 5 years - Change of drive train at 500,000 km
26	Doors	Minimum Width of Service Doors	i. At least one door will be 1200 mm (to facilitate easy access for physically challenged persons) and the other door could be 650 mm ii. Doors mandatory iii. Type of door opening ; Preferably In swinging
27	Windows	Minimum Width of Windows (Clear vision Zone)	550 mm
		Minimum Height of windows	550 mm
		Type of Window	The window panes shall be sliding type preferably wider glass windows with 1/3 rd fixed at top and 2/3 rd sliding type, window frame should be single unit construction and the thickness of the glass should not be less than 5 mm
28	Guard Rails		- All 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.
29	Emergency Exits	No. of Emergency Exits and Dimension (min.)	At least 1 Emergency doors/ Exits or apertures Dimension -1250 mm x 550 mm (for emergency window-min 4000 cm ²)
30	Steps	Maximum Height of first step from ground	400 mm
		Maximum Height of other steps	250 (300 if door behind rear axle) mm max for Type-1
31	# Maximum Floor Height	The floor height shall be measured at any one of the service doors of the vehicle in unladen condition reference point to be specified by the manufacturers)	650 mm (35% of total floor area min) or 400 mm (35% of total area)

Mulla

32	Gangway	Minimum Height	1900 mm
		Minimum Width	450 mm
33	Seat (features)	Seat Layout	2x2 seating layout having seating capacity of 40 seats including driver Drawing Part No. FN484600#.0 & ARAH/CMVR/Seating Layout/17E-2967/2011-061 dated 28.3.2011 as intimated by M/s Ashok Leyland through letter No. ROC:5AL:TB:0108 dated 1.8.2011.
		Seating Area/Space Per Passenger (Total Width x Depth)	400x350 mm (AIS 052)
		Seat Spacing (AIS 023)	650 mm Type-I
34	Destination Board	Minimum No. of Destination Board in line with AIS 052	Min. Height of Destination Board : 220 MM Min. width of Destination Board : 1800 mm for front and 900 mm for rear and service door side. - As per amendment given in proceedings dated 4.7.2011 (Location - Near the front wind shield in front)
			Min. Display width of Destination Board; 1800 mm for front & 900 mm for rear and service door side. Display of Text should be possible in Fixed, Scroll and Alternate mode. - Location front top left hand corner Pitch of LED in Front Sign to be max H 13.4 x 14.1 mm Pitch of LED in Side & Rear Sign to be max H 13.4 x 14.1 mm
		Illumination of destination	Required: Alphanumeric Dual Display Technology Amber Coloured LED based electric route display system of High Intensity Illumination with automatic brightness control (minimum 50 steps) alongwith audible and display system in English and Regional Indian Languages via windows based software package. The Sign boards shall be preferably Non-Multiplexed design. Amber Coloured (Dominant wavelength between 590 to 595 nm) Diffused Type for Better Visibility, UV Resistant Type with viewing angle of 120 degree Horizontal/60 degree vertical. Equipment to be 'E' Marked. Front Sign display shall be clearly visible in all weathers at a distance of 50 meters. Side and Rear Sign display shall be clearly visible in all weathers at a distance of 15 meters. The system shall be of rugged construction, vibration proof and shall be able to operate efficiently at ambient temperatures of approximately 0 deg. to 50 deg C, relative humidity level of 5% to 100% non-condensing, without direct contact with water.
		Intern destination Board	Required (Behind the driver partition) The Display size shall be atleast 800mm x 100 mm size Amber Colour. The system shall have a programming for minimum 150 number of routes

			(300 nos. of destinations). Further the system shall also have a programming of minimum 50 nos. of bus stops on each route. Next bus stop/destination display synchronized with Voice announcement is essential.
35	Pad Material		In line with AIS 052 : preferably no padding (plastic moulding seats)
36	Upholstery		In line with AIS 052 : preferably no padding (plastic moulding seats)
37	Other Features	Stanchion	As per ECE R36 (AIS 046 To be aligned) Minimum thickness 2.5 mm and diameter of 38 mm
38	Standing Capacity		To be determined on the basis of seat layout as per the bus
39	Seat Belts Requirement		Not required other than driver
40	Knee room		Minimum 279 mm for Non AC
41	Interior		Assist rails and hand holds shall be provided All interiors shall conform to IS - 15061
42	Panels		Body panels- stainless steel / Alu. sheets / GI sheets As per amendment given in proceedings dated 4.7.2011 (Body panels- stainless steel / Alu. sheets / GI sheets- Front/ Rear- FRP panels may be provided).
43	Front wind shield		Front wind shield - Single piece curved PVB laminated glass, As per CMVR Rules
44	Side Facing Seats		Optional
45	Fire Extinguisher		Required
46	Passenger Compartment Internal Height (Rear Axle Floor)		1900 mm in non low floor area (1700 mm in case of rear saloon area of Rear
47	Floor Surface (Saloon Flooring)		Anti Skid Floor Surface 19 mm resin treated compressed plywood overlaid with 3 mm anti-skid, high resistant vinyl
48	Requirement for passenger with limited mobility	Priority Seats	At least 2
49	Lighting		(Fog lamp to be categorically provided) As per AIS 052
50	Crash-worthiness Requirements		As per CMVR
51	Warning Triangle		As per CMVR
52	Driver's working space		As per Bus Body Code AIS:052
53	Rear View Mirrors		As per CMVR (AIS:001 & AIS:002)

Mudra

54	Safety Glass	As per CMVR
55	Noise limits	Shall meet MoEF notified noise limit of 82 db tested as per IS 302 of 1998
56	Other Standard fittings	FWS blinder partition for driver. All flap doors with locking arrangement, First aid kit & Warning triangle as per CMVR Rules Fuel tank conforming to specifications of SAE 703 a of minimum capacity of 200 lts Colour Schemes, Graphics, Logos etc to be provided as specified by the SPCs. As per amendment given in proceedings dated 4.7.2011 (FWS blinder partition for driver. All flap doors with locking arrangement, First aid kit & Warning triangle as per CMVR Rules Fuel tank conforming to specifications of SAE 703 a of minimum capacity of 150 lts Colour Schemes, Graphics, Logos etc to be provided as specified by the SPCs).

**ANNEXURE-VII
APPROVED BRANDS OF UNITS**

(PREFERABLY BUSES SHALL BE SUPPLIED WITH THE FOLLOWING UNITS)

a	Front Axle and Rear Axle	Automotive Axles Ltd. Axles India (TVS), OE Axles, Meritor Axles.
b	Power steering	ZF/Rane
c	Self Starter & Alternator	Lucas TVS only
d	Batteries	Exide, Pace Setter, Amco, Amaron
e	Radiator	Falgona, Tata Toyo, Alkraft
f	Tyres	Radial 10.00x20 1) JK - JUH*, PERT-200 2) MRF - Steel Muscle S1R4
g	LED Destination Boards with mini seven years Warranty	1 Micro Craft/Chennai 2 Hanover/Pune 3 Cast-master Mobitec with minimum ten years Warranty
h	Air Conditioners	1. Carrier 2. Spheros

ANNEXURE VIII

PAYMENT SCHEDULE

- Mobilization Advance: 20% of the total value of the order against a Bank Guarantee in favour of Pepsu Road Transport Corporation (PRTC).
- Payment on Delivery: 60% of the total value of the order at the time of Delivery of the vehicles.
- Final Payment: 20% of the total value of the order after the satisfactory Inspection report from the Inspection team deputed by PRTC.

(Signature)
