

**Revised Tender
for
Hiring of Vehicles
At
All India Institute of Medical Sciences,
Jodhpur**

NIT No. : **Admin/General/285/2014/AIIMS-Jdh**
NIT Issue Date : 07th February 2014
Pre Bid Meeting : 17th February 2014, 03:00 PM
Date of issue of Revised NIT : **27th February 2014**
(On the basis of Pre-Bid Meeting)
Revised Last Date of Submission : **21st March 2014, 3:00 PM**



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All India Institute of Medical Sciences Jodhpur

TENDER NOTICE FOR HIRING OF VEHICLE FOR AIIMS, JODHPUR

Dated: 07th February 2014

1. Tenders in sealed cover are invited under **two-bid** system on behalf of the Director, All India Institute of Medical Sciences, Jodhpur, from reputed, experienced and financially sound Agencies for providing vehicle for All India Institute of Medical Sciences, Jodhpur.
2. AIIMS, Jodhpur proposes to hire following vehicles on monthly basis for official use of the AIIMS, Jodhpur on three years rate contract basis. AIIMS may hire following vehicles on daily basis, number of days of hiring and number of vehicles may depend upon the requirement.

S.No.	Vehicle	No.(s)	Specifications
a)	Toyota Altis 'VX 2.5' or equivalent	1	
b)	Toyota Innova 'V' or equivalent	3	
c)	Toyota Etios 'V' or equivalent	9	
d)	Bus (52 seater) Non A/C	2	
e)	Bus (30-34 seater) A/C	1	
f)	Ambulance High end	2	At Annexure III
g)	Ambulance Low end	1	At Annexure IV

- * The bidder must quote for all vehicles otherwise the bid will be summarily rejected.
- * Numbers of vehicles are tentative. The Competent Authority of AIIMS, Jodhpur may increase/ decrease the number of vehicles as per the requirement.

3. Interested bidders are required to submit the technical & financial bid separately in two covers. These bids in separate sealed covers super scribed Technical Bid & Financial Bid respectively should be placed in a third sealed cover super scribed "**Tender for Hiring of Vehicles for AIIMS, Jodhpur**" and should reach at the office of the Administrative Officer, AIIMS, Jodhpur-342005 before 1500 Hrs. on or before 21st March, 2014. Technical Bids shall be opened on the same day at 1600 Hrs. at AIIMS, Jodhpur. In the event of any of the above mentioned date being declared as a holiday / closed day, the tenders will be opened on the next working date at the appointed time.

4. The tender document containing eligibility criterion, scope of work, terms & conditions and draft agreement can be downloaded from the website www.aiimsjodhpur.edu.in. The bid security (EMD) of Rs. 3,00,000/- should be paid by Demand Draft in favor of AIIMS, Jodhpur payable at Jodhpur in the cover 'Technical bid'. The tender document should also enclose an additional DD of Rs. 1,000.00 (non-refundable) in favor of AIIMS, Jodhpur, payable at Jodhpur, along with their bid in the cover 'Technical bid' schedule to the invitation of Tender.

5. Any future clarification(s) and / or corrigendum (s) shall be communicated by the Administrative Officer through the website mentioned above.

Administrative Officer,
AIIMS, Jodhpur.



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TECHNICAL BID

1.	Name & address of the Bidder/ firm with phone number, email and name & telephone / mobile number of contact person. (In case of Proprietary/ Partnership firms, the bid has to be signed by Proprietor/ Partner only, as the case may be)			
2.	Experience	In following format		
S. No.	Name & Organization with complete address & telephone nos. to whom service provided	From - to	Total contract period (in year/ month) and total contract amount (in Rs.)	Reasons for termination
3	Set up of your agency, clearly indicating details of managerial, supervisory & other staff including name of drivers, their residential address with phone nos., license no. & expiry date.			
4	Registration & incorporation particulars :- If Proprietorship , partnership , Private Limited , Public Limited (Please attach attested copies of documents of registration / incorporation of your firm as required by business law)			
5	ESI Act 1948 Registration Number			
6	EPF& MP Act 1952 Registration number			
7	Infrastructure capabilities :- Particulars of the vehicle viz. type , make , registration etc.			
8	Valid ISO 9001-2008 certificate issued in or before 2013 (Please attach attested copy)			
9	Valid ISO 14001-2004 certificate issued in or before 2013 (Please attach attested copy)			
10	Undertaking of the agency confirming the availability of adequate vehicle required for deployment at AIIMS Jodhpur			
11	Bank Details Address , A/C No.			
12	PAN No. (please attach attested copy)			



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13	TAN / VAT / Service Tax / Registration / Trade License No. (Please attach attested copy)	
14	Attested copy of the last income tax return	
15	Please attach agency's balance sheet (duly certified by a Chartered Accountant for last 3 financial year)	
16	Power of Attorney/Authorization for signing the bid document (Bidder will submit the attested copy of the PAN Card/Election Commission I-Card/Passport of the proprietor & authorized signatory in case of proprietor is not signing the tender document).	
17	Please submit an undertaking that no case is pending with the police against the proprietor/firm/partner or the company (agency).	
18	Following details of the DD/ Pay Order of Rs. 3,00,000/- towards bid security and a DD of Rs. 1,000/- towards tender fees. DD No.: Date : Drawn on :	

Declaration by the tenderer:-

I / we hereby declare that I / we before signing this tender have read and fully understood all the terms & conditions contained herein and undertake myself / ourselves to abide by them.

I /We further declare that the information/ documents furnished above are true and correct and any I / we undertake that any discrepancy (ies) found on later occasion, will liable me /us any action as deemed fit by the AIIMS, Jodhpur.

Place:

Date:

(Signature of Bidder/Authorized signatory)

Name:-

Address:-

Phone:-

Email:-

Seal of the Bidder



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ANNEXURE 'A' **TERMS & CONDITIONS**

A. General instruction:

1. Duration of contract will be three years from the date of award of contract with an option of extension for a period of two years, one year at a time at the same rate as well as same terms and conditions.
2. At any time, prior to the date of submission of bid, AIIMS, Jodhpur may, for any reason whether at its own initiative or in response to a clarification required by a prospective bidder, modify the bid documents by amendments. The amendments shall be uploaded at AIIMS Jodhpur's website and to all prospective bidders these amendments will be binding on them.
3. Any bid received after the dead line for submission of bids shall liable to be summarily rejected and returned to the bidder.
4. AIIMS, Jodhpur will open bids in the presence of bidders or their authorized representative who wish to be present at the time of opening of bids on due date. Authorization letter to this effect shall be submitted by the bidder before they are allowed to participate in bid opening.
5. Financial bids shall be opened of those bidders whose qualifying bids are found to be in order vis-à-vis the eligibility factors in terms of technical & commercial criterion. AIIMS, Jodhpur shall evaluate the financial bids in detail and compare the substantially responsive bids and comparison of bids shall be on the price of the services offered inclusive of all levies and charges (except Service Tax, which shall be paid as per actual) as indicated in the price schedule in Financial bid of the bid document.
6. Any person who is in Government service or an employee of AIIMS, Jodhpur should not be made the contract by the contractor directly or indirectly in any whatsoever.
7. The vehicles and Drivers shall remain available all the times as per Duty Roster and shall not leave place of Duty without prior permission.

B. Eligibility criteria

1. The firm having at least one year old registration in Jodhpur.
2. The firm should not be blacklisted by any department of Central/ State Government.
3. The firm should have service tax registration number.
4. The firm should be registered under ESI Act, 1948 and should not be defaulter under ESI Act, 1948. Attach NOC or supporting document in this regard.
5. The firm should be registered under EPF & M.P. act, 1952 and should not be defaulter under EPF & M. P. act, 1952. Attach NOC or supporting document in this regard.
6. If vehicle is not commercially registered, approved contractor, shall get the vehicle commercially registered within 30 days from the award of the work and submit the proof to AIIMS, Jodhpur. An undertaking in this regard is mandatory by the bidder.
7. The bidder shall also submit full details of the vehicles that can be assigned in their favor and shall give a clear declaration that the firm will be able to supply commercial vehicles of model not older than 2013.



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8. The bidder shall not act as a broker for other hire companies or any individual and the contract will be valid only if the company signing the contract supplies the vehicles themselves from their own fleet.

9. The AIIMS, Jodhpur will be under no legal obligation to provide employment to any of the personnel of the contractor of the contractor after expiry of agreement period and the AIIMS, Jodhpur recognizes no employer- employee relationship between the AIIMS, Jodhpur and the personnel deployed by the contractor/ agency.

10. Vehicles provide by the AIIMS, Jodhpur should bear Commercial Taxi Cab registration numbers and should have comprehensive insurance and drivers so provided with the vehicles shall have LMV Driving license Uniform and Batch.

11. The vehicles should confirm to the Pollution norms prescribed, if any, by the Transport Department of Government of Rajasthan.

12. The contractor shall provide names, address of the drivers along with their licence number and copies within one week of the award of the contract.

C. Information and Conditions relating to Submission of Bids:

1. The bid shall remain valid for 120 days after the date of opening of bids.

2. The bidder is requested to examine all instructions, forms, terms and specification in the Bid documents. Failure to furnish all the information required as per Bid documents or submission of the bids not substantially responsive to the Bid documents in every respect will be at the bidder's risk and may result in rejection of the Bid.

3. Bidder will **necessarily sign & seal each page of the tender document** including terms & conditions as token of acceptance of the bid failing which his bid will be rejected summarily. All

pages including enclosures submitted by bidders are required to be duly numbered and any over writing/ erasures in the bid made by the bidder shall be signed by the person signing the bid.

4. The Bid with conditions other than those specified in the Bid document is liable to be summarily rejected. No modification by the contractor in any of the conditions will be permitted after the Bid is opened.

5. Financial bid consists of Rate schedule. The bidder shall quote as per price schedule given in financial bid for all types of vehicles required for. The price quoted by the bidder shall remain fixed during entire period of contract & shall not be subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected. **The Bidders will quote for each and every vehicle. In case of non-quoting of rate of any vehicle by any bidder(s), their tender will be summarily rejected.**

6. AIIMS, Jodhpur shall consider placement of letter of intent to those bidders whose offers have been found technically, commercially and financially acceptable. The bidder shall within 10 days of issue of letter of intent, give his acceptance along with Performance Security.

7. **The Bid Security may be forfeited if** (a) the bidder withdraws his bid during the period of bid validity specified by the bidder in the Bid form; and, (b) the successful bidder fails (i) to sign



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contract (ii) to furnish performance security within stipulated time.

8. Failure of the successful bidder to comply with any of the terms & conditions shall constitute sufficient ground for the annulment of the award and forfeiture of the bid security. In such eventuality, AIIMS, Jodhpur reserves the discretion either to make the award to any other bidder or call for new bids. The decision of AIIMS, Jodhpur in this regard will be final & binding.

9. In the event of any question, dispute or difference arising under the agreement or in connection there with (except as to matter the decision to which is specifically provided under this agreement), the same shall be referred to sole arbitration of the Director, AIIMS, Jodhpur, or any authority as appointed by the Director, AIIMS, Jodhpur. The agreement to appoint an arbitrator will be in accordance with the Arbitration and Conciliation Act, 1996. The arbitrator may from time to time with the consent of both the parties enlarge the time frame for making and publishing the award. Subject to aforesaid arbitration and conciliation Act, 1996 and the rules made there under, any modification thereof for the time being in force shall be deemed to apply to the arbitration proceeding under this clause. The venue of the arbitration proceeding shall be such place as the arbitrator may decide.

D. Scope of work

1. Provision of commercial vehicles with licensed drivers, registered Commercial vehicles on Hiring basis for running for AIIMS, Jodhpur in Headquarter (Jodhpur) or outside the headquarter.

2. It is clearly noted that AIIMS, Jodhpur shall place the above / any of the above order only as per the actual requirement from time to time. AIIMS, Jodhpur reserves the right to increase or decrease the required quantity of services without any change in hiring charges of the offered quantity or other terms and conditions at the time of award of contract or at any time during the currency of the contract.

3. Duty hours will be 24*7*365 (24 hours a day/ 7 days a week/ 365 days a year).

4. Notice period for regular requirements will be one day in advance and telephonic intimation shall be considered as notice. Normally, reporting place will be at the AIIMS, Residential Complex, Basni Phase-II, Jodhpur. However, actual place of reporting shall be specified by the users of vehicles.

5. The meter reading should tally the actual distance of run at any instant and the Administrative Officer, AIIMS, Jodhpur shall have full powers to check up the meter for its correctness and to take action accordingly.

6. In case of break down, vehicles have to be replaced by other immediately (not more than one hour gap). In case of non-availability of suitable vehicle, a penalty of Rs. 200/- for the said break down shall be imposed in addition to deduction on pro-rata basis for the said period. Continuation of non-availability of suitable vehicle on another day shall construe to another break down, and will be liable to the penalty of Rs. 300/- and pro rata deduction. In case, occurrence of such break down exceeds three times in a month, a penalty of Rs. 1000/- per break down shall be imposed.

7. Non-availability of designated vehicles / replacement of such vehicles without prior notice during normal duty hours will also attract a penalty of Rs. 200/- per day. Denial / non-availability of vehicles during extra hours, will also attract a penalty of Rs. 200/-.



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8. Vehicle should be in roadworthy condition with neat and clean seat covers along with spare tyres, tools and kits for petty repairs and replacement of tyres. Seat covers required to be periodically washed and changed for the cost of which shall be borne by the contractor.
9. Monthly bills shall be submitted in duplicate to the Administrative Officer, AIIMS, Jodhpur along with duty slips duly signed by the user. Payment of any Government tax or duty for plying the vehicles will be liability of the contractor. However, **Service Tax shall be paid extra as per actual.** Parking & toll charges, if any, may be claimed on production of parking / toll slips.
10. The engagement and employment of drivers and payment of wages to them as per existing provisions of various labour laws and regulations is the sole responsibility of the contractor and any breach of such laws or regulations shall be deemed to be breach of this contract.
11. The contractor shall assign the job of driving of hired vehicles only to qualified experienced licensed drivers and also assume full responsibility for the safety and security of the officers/officials as well as essential store items while running the vehicle by ensuring safe driving. AIIMS, Jodhpur shall have no direct or indirect liability arising out of such negligent, rash and impetuous driving which is an offence under section 29 of IPC and any loss caused to AIIMS, Jodhpur have to be suitable compensated by contractor.
12. In no case a vehicle which is not registered for the commercial purpose shall be supplied to AIIMS, Jodhpur and taxes etc. due to on such vehicles shall be liability of the contractor.
13. The contractor shall send the vehicle for periodical servicing at his own cost. AIIMS, Jodhpur will not pay any mileage run for such servicing nor any deduction be made for the duration involved in such servicing. The cost of lubricants, repairs, maintenance, taxes insurance, etc. will be to the contractor's liability.
14. Regular checking of meter by the designated transport authority may be done by the contractor, and requisite certificate may be shown to the Administrative Officer, AIIMS, Jodhpur as and when demanded.
15. The contractor / authorized representative and all the drivers should be equipped with round the clock communication facility (mobile etc.)

E. GENERAL (COMMERCIAL) CONDITIONS OF CONTRACT

1. The successful bidder shall be required to deposit an amount equal to 10% of annual contract value within 2 weeks of conveying AIIMS, Jodhpur's intention for accepting the bid as Performance Security, in addition to the EMD to be converted into performance security.
2. Performance Security shall be submitted in the form of Bank Guarantee issued by a scheduled Bank and the Performa provided with the tender document. Performance Security will be discharged after completion of contractor's performance obligations under the contract.
3. If the contractor fails or neglects any of his obligations under the contract it shall be lawful for AIIMS, Jodhpur to forfeit either whole or any part of performance security furnished by the bidder as compensation for any loss resulting from such failure.
4. AIIMS, Jodhpur may, without prejudice to any other remedy for breach of contract, terminate the contract in whole or in parts.



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(a) If the contractor fails to arrange the supply of any or all of the vehicles within the period(s) specified in the contract or any extension thereof granted by AIIMS, Jodhpur.

(b) If the contractor fails to perform any other obligation(s) under the contract.

5. AIIMS, Jodhpur may without prejudice, to other rights under law or the contract provided get the hiring of vehicles done at the risk and cost of the contractor, in above circumstances.

6. AIIMS, Jodhpur may also by giving written notice and without compensation to the contractor terminate the contract if the contractor becomes unwilling, bankrupt or otherwise insolvent without affecting its right of action or remedy as hirer.

7. If any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reason of any war, or hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts or act of God (Hereinafter referred to as events) provided notice of happenings, of any such eventuality is given by either party to the other within 21 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against the other in respect of such on performance or delay in performance under the contract shall be resumed as soon as practicable after such an event may come to an end or cease to exist, and the decision of AIIMS, Jodhpur as to whether the supplies have been so resumed or not shall be final and conclusive, provided further that if the performance in whole or part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days either party may, at his option terminate the contract.

F. SPECIAL CONDITIONS OF CONTRACT

1. The liability under relevant sections of Motor Vehicle Act 1968 and IPC causing death or permanent liability developed in the vehicle supplied by the contractor, AIIMS, Jodhpur shall have no responsibility whatsoever and will not entertain any claim in this regard under the provision of the law.

2. The contractor shall when called upon to do so, place at the disposal of AIIMS, Jodhpur such number of vehicles as may be required although the number of vehicles so demanded may be more than the number of vehicles, he is required to supply for the purpose of execution of the contract at same rate and terms and conditions.

3. AIIMS, Jodhpur reserves right to counter offer price to any of the prospective contractors against price quoted by the bidder.

4. The Bidders will quote for each and every item. In case of non-quoting of rate of any item by any bidder(s), their tender will be summarily rejected.

5. The AIIMS, Jodhpur reserves the right to terminate the contract without assigning any reason by giving the notice of 30 days to the contractor.



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AGREEMENT FOR VEHICLE HIRE (On Stamp Paper)

This agreement is made on this _____ day of 2014 between M/s _____ (Herein after called the Transporter whose term includes its successors and assignees) whose registered office is at _____ and is registered under _____ and acting through its authorized official Sh. _____ and All India Institute of Medical Sciences, Jodhpur (herein after called the AIIMS whose term includes its successors and assignees) whose office is situated at Jodhpur-342005 and acting through its Administrative Officer Sh. _____, at AIIMS, Jodhpur.

The Transporter will provide Commercial vehicles on hire basis for AIIMS, Jodhpur for official use on the terms and conditions herein contained, and rates as mentioned in Appendix-I. The "Transporter" has deposited Rs. _____ (Rupees) as interest free Performance Security. Now these present witnesses and it is hereby agreed and declared by and between the parties to these present as followings.

1. The Transporter shall during the period of this contract that is to say from _____ to _____ or until this contract is determined by such notice as herein after mentioned, will provide commercial vehicles not older than 2013-year model, on the rates accepted as described in schedule vide Appendix-I to this agreement. It is agreed by the Transporter that number of vehicles required is likely to change and may be demanded according to the exigencies of service by AIIMS, Jodhpur.
2. The Transporter shall comply with all the terms and conditions of tender documents contained which are part and parcel of this agreement and forms integral part of this agreement and also the following.
3. The Administrative Officer of AIIMS, Jodhpur shall place an order for vehicle requirement for the official purpose and will receive acknowledgement from the Transporter for supply of vehicles. It is anticipated that the Transporter will supply vehicles to the Administrative Officer on regular basis until such time the contract is valid and the parties in agreement are satisfied with the performance of the contract.
4. Transporter will provide vehicles to AIIMS, Jodhpur not older than 2013 model and registered for the commercial purpose only and taxes; insurance etc. due on such vehicles shall be the liability of the transporter.
5. The Transporter should provide the particular model or make of vehicle as agreed upon in the contract. AIIMS, Jodhpur only reserves the right to substitute it with another similar vehicle. If for any reason whatsoever AIIMS, Jodhpur is not happy with the condition of the vehicle provided, the Transporter's nearest office will be informed immediately and they should accept and liability to replace it as per requirement. If for any reason the Transporter is not in a position to provide a substitute vehicle as demanded by AIIMS, Jodhpur then AIIMS, Jodhpur will be in liberty to engage a vehicle from the open market and debit the expenditure on account of it on the claims payable to the Transporter.



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6. Transporter will submit bills to the Administrative Officer, AIIMS, Jodhpur on monthly basis for release of payment.
7. The driver of the vehicle shall be provided with the duty slips by the Transporter where date, time kilometers reading and places visited are to be filled in and signed by the AIIMS Jodhpur users. On the basis of these duty slips, the bills shall be raised to the Administrative Officer, AIIMS, Jodhpur by the transporter.
8. If the Transporter fails to provide the vehicle to AIIMS, Jodhpur and if the service is not found satisfactory enough, AIIMS, Jodhpur shall have the right to terminate the contract in whole or part as per relevant terms & conditions of the Tender Document.
9. In the event of any mechanical failure/ breakdown of vehicle after it's reporting duty, the transporter shall arrange for replacement by another Commercial Vehicle. Not-compliance may attract penalty as per relevant terms & conditions of the Tender Document.
10. In the event of failure on the part of transporter to supply vehicles to AIIMS, Jodhpur owing to the facts & circumstances as mentioned in the preceding paragraph, penalty as per relevant terms & conditions of the tender document shall be imposed.
11. In case of any accident resulting in loss or damage to property of life, the sole responsibility for any legal or financial implication would vest with the transporter. AIIMS, Jodhpur shall have no liability whatsoever.
12. The Tender Document No **Admin/General/285/2014/AIIMS-JDH**, which is annexed to this agreement, shall form part and parcel of this Agreement and integral part of this agreement.
13. The transporter is liable for any legal dispute/cases/claims that have arisen or may arise during the currency of the agreement in respect of vehicles provided by transporter. AIIMS, Jodhpur will not be liable for any loss, damages, etc. suffered/ to be suffered by transporter or third party as the case may be.
14. If for any reason AIIMS, Jodhpur is dissatisfied in any way with the standard of the vehicle or felt deficiency in service during the hire period, it will be reported to the Transporter in writing. The Transporter without raising any dispute on such assessment by AIIMS, Jodhpur regarding the standard of the vehicle provided or quality of service rendered by them may immediately replace it with another commercial vehicle on receipt of such complaint.
15. The Transporter shall also be liable for all fines, penalties, and the like of parking, traffic and other criminal offences arising out of or concerning the use of the vehicle during the hire period and any toll Charges or entry Taxes payable locally and the Transporter accordingly indemnifies AIIMS, Jodhpur against all such liability.
16. If the Transporter institutes any legal proceedings against AIIMS, Jodhpur to enforce any of its rights under this agreement it shall be in the legal jurisdiction of AIIMS, Jodhpur where the vehicle has been hired and not the place where the Transporter has his registered office.



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Signed _____

For and on behalf of AIIMS, Jodhpur

Name (in block letters)

Designation

Address

Date

In the presence of Witnesses

- 1.
- 2.

Signed _____

For and on behalf of the Transporter

Name (in block letters)

Designation

Address

Date

In the presence of Witnesses

- 1.
- 2.



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DRAFT PERFORMANCE SECURITY BOND FORM

In consideration of All India Institute of Medical Sciences, Jodhpur (here in after called the AIIMS, Jodhpur) having agreed to exempt _____ (here in after called the said contractor(S) from the demand of security deposit/ earnest money of Rs _____ on production of Bank Guarantee for Rs. _____ for the due fulfillment by the said contractors of the terms & conditions to be contained in an Agreement in connection with the contract for supply of _____ we, (name of the Bank) _____ (herein after referred to as "the Bank") at the request of _____ Contractor's do hereby undertake to pay the AIIMS, Jodhpur an amount of not exceeding _____, against any loss or damage caused to or suffered or would be caused to or suffered by the AIIMS, Jodhpur reason of any breach by the said contractors of any of the terms & conditions contained in the said agreement.

2. We (Name of the Bank) _____ do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from the AIIMS, Jodhpur stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the AIIMS, Jodhpur reason of breach by the said contractors of any of terms & conditions contained in the said agreement or by reason of the contractors failure to perform the said Agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee, where the decision of the AIIMS, Jodhpur in these counts shall be final and binding on the Bank. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____.

3. We undertake to pay to the AIIMS, Jodhpur any money so demanded not withstanding any disputes raised by the contractor(s)/supplier(s) in any suit or proceeding pending before any court or tribunal relating thereto our liability under the present being absolute and equivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the contractor(s)/ supplier(s) shall have no claim against us for making such payment.

4. We (Name of the bank) _____ further agree that the guarantee herein contained shall remain in full force and effect immediately for a period of one year from date herein and further agrees to extend the same from time to time (one year after) so that it shall continue to be enforceable till all the dues of the AIIMS, Jodhpur, under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till AIIMS, Jodhpur certifies that the terms & conditions of the said agreement have been fully and properly carried out by the said contractor(s) and accordingly discharges guarantee.

5. We (name of the bank) _____ further agree with the AIIMS, Jodhpur that the AIIMS, Jodhpur shall have the fullest liberty without our consent and without affecting in any manner our obligations here under to vary and of the terms & condition of said agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time to time any of the powers exercisable by the AIIMS, Jodhpur against the said any contractor(s) and to forbear or enforce any of the terms & conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said contractor(s) or for any forbearance, and or any omission on the part of the AIIMS, Jodhpur or any indulgence by the AIIMS, Jodhpur to the said contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.



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Appendix - I

(Part of Agreement for vehicle hire)

Period of contract: - THREE YEARS

S.NO.	Vehicle Category Description	No. of vehicle allotted for Hire	Model	Make	Monthly Hire Charges per vehicle	Monthly contracted Kilometers
1	Toyota Altis 'VX 2.5' or equivalent	1			DO NOT FILL	2500
2	Toyota Innova 'V' or equivalent	3				2500
3	Toyota Etios 'V' or equivalent	9				2500
4	Bus (52 seater) Non A/C	2				2500
5	Bus (30-34 seater) A/C	1				2500
7	Ambulance High end	2				2500
6	Ambulance Low end	1				2500

Signed _____

Name & Designation _____

Date _____



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FINANCIAL BID (On Company Letter Head)

Tender for Hiring Vehicles at All India Institute of Medical Sciences, Jodhpur

	Km.	Toyota Altis 'VX 2.5' or equivalent	Toyota Innova 'V' or equivalent	Toyota Etios 'V' or equivalent	Bus (52 Seater)	Bus (30-34 Seater)	Ambulance High end	Ambulance Low end
Monthly charges in Rs.	2500							
Monthly basis Extra Km.(Rs. per km)								
Outstation charges per night (Rs.)								

Rate for Daily Basis:-

	Swaraj Mazda or Equivalent Mini Bus	Tempo traveller	Toyota Etios 'V' or equivalent	Innova or Equivalent	Bus (50-52 seater)
Full Day (10 hours) in Rs.					
Extra Charges Rs. per Km.					
Extra charges Rs. per hour					

Extra charges should be quoted to cater for the instances of vehicle running extra Kms over 2500 kms in a month. The cost of fuel and other charges shall be included in these rates for extra plying. Nothing extra shall be paid if vehicle is used outside HQ but within 2500 Kms limit. Similarly, nothing extra shall be paid if vehicle is used within HQ in night.

AIIMS, Jodhpur reserves the right to increase or decrease the required quantity of services without any changes in hiring charges of the offered quantity or other terms & conditions at the time of award of contract or at any time during the currency of the contract. AIIMS, Jodhpur also reserves the right to call for change in make / model of equivalent categories without any changes on any of the terms & conditions at the time of award of contract or at any time during the currency of the contract.

As per tender terms & conditions from the date of opening of financial bid, it shall remain binding upon transporter and may be accepted at any time before the expiry of that period.



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Note:

- a) Non-quoting of rate of any vehicle will subject to rejection of the bid.
- b) Rates are inclusive of all Taxes, levies, and duties except Service Tax, Service Tax shall be paid as per actual. "Discount" or extra charges if any mentioned by the bidders shall not be considered unless these are specifically indicated in the price schedule.

Date

Place

Signature of the Bidder / Authorized signatory

Name

Address

Telephone

E-mail

SEAL of the Bidder



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Annexure-II **Term and Conditions**

1. **Work:-** The tender is for awarding the contract for hiring of taxis on daily/monthly basis as per requirement by the AIIMS, Jodhpur for official use.
2. **Period:-** The contract is awarded for period of three years and the rates at which the contract is awarded will be valid throughout the contract period and no claims for increase in rate whatsoever on account of increase in cost of fuel and other factors such as statutory payments, minimum wages, etc., shall be entertained. It will be the responsibility of contractor to bear such additional expenses.
3. **Earnest Money Deposit (EMD):-** Tenderers shall have to deposit EMD of **Rs. 3,00,000 /-** (Rupees Three Lakhs only) in the form of Demand Draft/Pay order in favour of the AIIMS, Jodhpur, payable at Jodhpur, Rajasthan along with the tenders. Tender received without EMD will not be entertained/ considered. No interest will be paid on the EMD.
4. **Forfeiture of EMD:** - The tenderer will not be allowed to withdraw the tender after the same is received in the AIIMS, Jodhpur. In case the tenderer withdraws from the process the EMD deposited by him will be forfeited.
5. **Security Deposit:** - The successful tenderer will have to deposit a security of **10% of the annual contract value** in the form of a Demand Draft/Pay order / Bank guarantee from a scheduled bank in favour of the AIIMS, Jodhpur, Rajasthan. EMD of the successful tenderer will be converted into the security deposit on request.
6. The tender should be submitted by only a registered and well established Transport Agency/Firm. Proof to this effect to be enclosed along with the tender.
7. **Rates may be quoted for 24*7*365 (24 hours a day/ 7 days a week/ 365 days a year).**
8. The vehicles should be of 2013 or subsequent models, in very good running condition with clean interior and good upholstery and valid Pollution Under Control (PUC) certificate. In case condition of taxis is not found to be satisfactory, they shall be returned for immediate replacement.
9. **Fleet:-** The firm submitting the tender must have sufficient fleet of cars which have been registered after 01.01.2013 . Proof of this will have to be enclosed by way of submission of copy of Registration Certificate.
10. The firm would ensure that drivers employed have valid driving license and carry the necessary registration paper, Licence etc. should be educated and well behaved, and also conversant with the traffic rules/regulations and city roads/routes.
11. The firm should have adequate number of telephones for contact round the clock. AIIMS, Jodhpur can request for the vehicle at short notice and the firm shall provide the vehicle within such time on receipt of the AIIMS, Jodhpur request in writing/over phone failing which the AIIMS, Jodhpur is at liberty to make alternative arrangement for hiring of vehicle at the risk of cost of the firm.



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12. AIIMS, Jodhpur may need additional vehicles to be hired, as per requirement. The vehicles requisitioned by this Department, should reach the stipulated destination, within a maximum time of 30 minutes. It may be noted that the number of taxis to be hired and the number of days of hiring may vary depending upon the actual requirements.
13. The firm shall comply with all statutory enactments/provisions in relation to services offered by them.
14. It will be the responsibility of the Driver to carry the proper valid insurance at all times in respect of the vehicle and also the passengers. Proof of valid insurance of all the vehicles quoted by the firm should be enclosed. The firm shall also agree to indemnify the Department against all losses and claims.
15. The AIIMS, Jodhpur shall be liable to pay the hiring charges only. Being the owner of the vehicles, any other liability shall be borne by the contractor. If during the course of engagement of the vehicles to the services of the AIIMS, Jodhpur, any harm due to accidents etc. is caused either to the vehicle or to the third party, department will not be responsible. Any liability arising out of such accident will be the responsibility of the firm only. All incidental expenditure towards repair will be borne by the contractor.
16. No advance payment will be made by the AIIMS, Jodhpur. The billing will be done on a monthly basis and the bill should be submitted by the firm by the first week of the following month. The payment will be made only for those duty slips which have been signed by the officer/staff using the vehicle. It will be the responsibility of the driver to get the duty slips signed by the user officers. Duty slips should be complete in all respects in terms of start kilometer, end kilometer, distance covered, and time for start of duty for AIIMS, Jodhpur, time closure of duty at AIIMS, Jodhpur, places visited, etc.
17. The rates quoted should be excluding the service tax. The service tax will be paid additionally only after receiving the photocopy of the service tax registration certificate. No service tax will be paid if the operator fails to provide proof of valid service tax registration certificate. No service tax will be paid if the operator fails to provide proof of valid service tax registration. Latest income tax clearance certificate and PAN is also required to be submitted by the operator.
18. The journey to the destination and back shall be undertaken by the shortest route possible. In case of breakdown of any vehicle ferrying official duty, it shall be the responsibility of the firm to provide a replacement immediately. If no replacement is provided on time, alternative arrangement will be made and the cost thereof will be deducted from the payment to be made to the firm.
19. The vehicles provided to AIIMS, Jodhpur should fulfill the norms prescribed by the Rajasthan Government, Department of Transport for hired vehicles.
20. The financial bids of only those tenderers who satisfy all the requirements/conditions stipulated in the document will be considered. Quotations with any cutting or overwriting in the figures will not be considered.
21. Toll tax, Entry tax, Permit fee for crossing border if any, parking charges will be borne by the AIIMS, Jodhpur for which the original receipts should be submitted.



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22. All incidental expenditure towards repair will be borne by the vehicle owner. The firms should have the capacity of repairing their vehicles in a short time and during repair time the firm would place a substitute vehicle and driver immediately.
23. No compromise will be made by AIIMS, Jodhpur towards punctuality, cleanliness, obedience, promptness, behavior etc. If the tenderer, at any point of time during official duty, fails to perform duties, as directed by the AIIMS, Jodhpur, the EMD will be forfeited and contract will be cancelled forthwith without any notice by the Competent Authority.
24. While the AIIMS, Jodhpur has a regular requirement for hiring of vehicles it shall have the right not to utilize the services at all or at any time or any period without giving any notice.
25. In case of dispute of any kind and in any respect whatsoever, the decision of The Director, AIIMS, Jodhpur shall be final and binding.
26. The contract could be considered for extension based on satisfactory service performed by the firm and by mutual agreement for such further period(s) as may be agreed upon, but not exceeding one year at a time.



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Annexure-III Technical Specifications for Ambulance High End

S.No	Item	Description	Quantity
A)	Base vehicle	<p>Specifications:</p> <p>a) Engine : Inline Four Cylinder, Direct Injection, Turbo charger with Inter Cooler</p> <p>b) Emission Norms : BSIII</p> <p>c) Engine output min : Minimum 100 BHP</p> <p>d) Transmission : Synchromesh Manual 5-Forward and 1- Reverse</p> <p>e) Drive : Rear Wheel Drive</p> <p>f) No of Tyres : 4+1 (8.25x16-16PR)</p> <p>g) Axle:- Front : Reverse Elliot Type Rear : Banjo Type</p> <p>h) Dimensions(Patient Cabin) :- Minimum Length : 4100 mm Minimum Width : 1950 mm Minimum height : 1800 mm</p> <p>i) Suspension : Semi Elliptical, Leaf springs, Hydraulic double acting Telescopic Shock Absorbers.</p> <p>j) Ground clearance : 228 mm (min)</p> <p>k) Body & chassis : Steel Body, Chassis, Box Type</p> <p>l) Gross Vehicle Weight : 6000 Kgs Minimum</p> <p>m) Rear Door : centrally Divided Rear door on high quality Steel Hinges ensuring 180° opening for both the doors.</p> <p>n) Fuel Tank : 90 Ltr. capacity</p> <p>o) Warranty Terms : Engine 3 years</p> <p>p) Free Services : Labour Free Services up to minimum 50000KMs.</p>	1 No
1	Patient Compartment	<p>a) Cabin : Complete interior paneling including driver cabin roofing back door etc</p> <p>b) Flooring : min 12mm thick marine grade ply coated with 3-4mm thick solvent free ply layer rigidly bolted</p> <p>c) Doctor seat : Rear mounted foldable</p> <p>d) Attendant seat : Suitable for two attendants</p> <p>e) Internal storage : Stainless Steel compartment</p> <p>f) Wash basin : SS with submersible water Dispenser pump and at least 20 With 3 dustbins (colored)</p> <p>g) Wall mounted stand for equipment : for Defibrillator, Ventilator etc.</p>	1 No
2	Air-conditioning system	Engine driven Air-condition system 1.5 Ton minimum capacity, (automobile type) with heating arrangement	
3	Electrical	a) Minimum Power points with sockets (AC):	04



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	Point	b) Minimum Light points (AC/) : c) Plug Metal clad socket(AC/):	04 02
4.	Battery	Minimum 12V,150AH	01
5	Invertor	Minimum 1 KVA (sine wave)	01
6	Exhaust Fan		01
7	Digital Clock		01
8	Revolving Light		01
9	Flashing Light	With Siren	01
10	Room Tubelight	2 ft	06
11	Rear FlashingLight		01
12	Grab Rail	Left hand side	01
13	Looking Mirror		01
14	Oxygen supply system	Outlets for oxygen supply agreement complaining to relevant HTM standard	03
15	Oxygen Cylinder	D cylinders of minimum 46.7 Ltrs capacity introspection of explosive approved.	02
16	Oxygen Regulator	Wall mounted	01

2.4 Internal Storage compartments

2.4.1 All the internal storage compartments, surfaces and space provisions should be made to accommodate / fix the various medical life saving medical devices, trauma equipment for transportation and immobilization, medical glassware, medical disposables and consumables, fresh and dirty linens, infusion bottles, drugs, accessories, wastes, documents, records, files etc. as per requirement in the ambulances.

2.4.2 The storing consoles must designed keeping in consideration various storing requirements in an ambulance.

2.4.3 The patient compartment should be provided with storing console at the head end of the patient integrated to the partition wall of the driver cabin and patient cabin and overhead storing compartments on the driver side of the patient compartment along the roof.

2.4.4 All storage compartments should be aesthetically and ergonomically well designed.

2.4.5 To preclude injury in the event of an accident all cabinet will be firmly anchored / fixed to the base structure of the ambulance.

2.4.6 Storage cabinets, drawers and kits should be easily open-able but should never ever open during transit on account of the vehicle movement.

2.4.7 The overhead rack should be made from the same grade of material as the interior panels for the patient compartment and should be seamlessly finished to the sidewalls and ceiling.

2.4.8 The overhead rack should have two sliding glass window having lock for access from the front. The window should be made up of extruded aluminum profile in rounded rectangular shape (all the corner edges are curve so that there are no sharp corner edges along the window frame). There should be only one joint in the frame and the inner profiles must have synthetic sliders for smooth movement of the glass panes. The sliding glass should be of toughened glass as needed for automobile applications.



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2.4.9 The head-end storing console should be produced from double side laminated moisture resistant plywood. The top surface of the head-end storing console should be made from the same grade of material as the interior panels or seamless mineral composites or acrylic / anti-bacterial plastic of minimum 3mm. thickness for the patient compartment and should be seamlessly finished to the side walls and the partition wall.

2.4.10 All the edges / joints / exposed surfaces should be appropriately finished to ensure that there are no sharp edges.

2.4.11 Storage compartments should be divided into various sections according to the different varieties of the medical items to be stored in it.

2.4.12 All the sliding as well as open-able doors should be provided with self-locking press type knobs. The locks should be push to lock and push to open type.

2.4.13 There should be no key type locks used anywhere in the internal furniture.

2.4.14 All the vertical flap doors with opening towards the topside should be latched at its fully open position using adequate capacity pneumatic lifters at both the horizontal ends to ensure proper load distribution of the door.

2.4.15 All the vertical flap doors with opening towards the bottom side will be latched at its fully open position using adequate capacity roller / friction / pneumatic supports at both ends to ensure proper load distribution of the door.

2.5 Wash Basin

2.5.1 The internal furniture layout must include a washbasin made up of same material as the top surface of the head end storing console / SS material matching to the colour of the furniture.

2.5.2 The water tap of the washbasin should be operated with a foot / elbow switch at a convenient and safe place around the washbasin area, so that it is easy for the users to activate the switch and get water flow.

2.5.3 The tap should be operated using a submersible 12V DC IP classified water pump placed inside the water tank.

2.5.4 The capacity of the water tank as well as the waste water tank should be at least 20L.

2.6 AC System with Heating

2.6.1 The patient compartment must be provided with an engine driven air conditioning system of adequate capacity matching to the total heat load of the patient compartment when fully occupied and the patient loaded.

2.6.2 The compressor should be engine mounted and engine run.

2.6.3 All hoses should be machine crimped to avoid the leakages.

2.6.4 AC system should be certified for passenger vehicle usage/ambulance.

2.6.5 Both the patient compartment as well as the driver cabin should be air conditioned.

2.7 Electrical

2.7.1 There must be adequate internal and external light matching to the requirements of an ambulance for the various purposes.

2.7.2 There must be Indian standard AC electrical sockets inside the patient compartment for connecting AC operated electrical gadgets.

2.7.3 There must be a weatherproof heavy duty external charging socket as well at an easily accessible position.

2.7.4 There must be emergency light bar cum siren and speaker system on the top at the front.

2.7.5 There should be side flashers and external lighting arrangements for evacuation in dark situations.

2.7.6 There should be integrated inverter system of at least 800VA as well.

2.8 Fire Extinguisher

2.8.1 The ambulance should be equipped with two fire extinguishers of 0.5 Kg capacity each.



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2.8.2 The fire extinguisher should be secured in an bracket and located in full view and in an accessible place.

2.8.3 The fire extinguisher should bear a label of ISI / CE / UL/ NFPA showing a rating of 2 BC.

2.8.4 One fire extinguisher should be placed in the driver cabin and one inside the patient compartment.

2.9 Oxygen Supply System

2.9.1 The primary components of the oxygen supply system should comprise of:

2.9.1.1 Cylinder Fixture

2.9.1.2 Manifold Block

2.9.1.3 High Pressure Connecting Hose

2.9.1.4 Line Pressure Connecting Hose

2.9.1.5 Oxygen Status Display Panel

2.9.1.6 Oxygen Distribution Block

2.9.2 The facility to be provided for two nos. of 7M3 gas capacity (46.7L Water Capacity). high pressure

oxygen cylinders manufactured as per IS:7285, BIS-certified and approved by the Chief Controller of Explosives, Government of India, Nagpur.

2.9.3 The scope of supply should include the oxygen cylinders filled with gas.

2.9.4 The facility provided should be for cylinders fitted with bull-nose 5/8" BSP RH (f) outlet valve as per IS:3224, BIS-certified. The seal should be by direct contact between the bull-nose connector of the high pressure hose (from the manifold block) and the cylinder valve.

2.9.5 The cylinders should be fastened to a special sliding platform to rigidly fix the cylinders in the horizontal position ensuring that the cylinder is absolutely safe all the time it is inside the ambulance.

2.9.6 The fastening points should preferably be easy and fast to open and close to replace cylinders.

2.9.7 The number of fixing points should be optimum (minimum two) as per the length of the cylinder.

2.9.8 The oxygen manifold block should comprise of two double-stage high-pressure regulators and a manual valve to switch from one regulator to the other in case there is failure of the regulator in operation.

2.9.9 The high-pressure regulator should be intended for reducing the cylinder pressure to the intermediate pressure level suitable for feeding to the medical oxygen terminal outlets as well as other inhalation and respiratory equipments in the ambulance.

2.9.10 There should be a three windows digital status display panel indicating the pressure level of the duty oxygen cylinder, stand by oxygen cylinder as well as the line pressure level in the three separate windows.

2.9.11 The outlet of the high-pressure regulator should be connected to the terminal outlet block inside the patient compartment using high pressure flexible medical gas hoses. This should hose should be crimped to the connectors at both end (outlet of high-pressure regulator and inlet of terminal outlet block assembly) using crimping ferrules.

2.9.12 The patient compartment must have an oxygen distribution block having three oxygen outlets, connected in parallel through one common feeding port.

2.9.13 The terminal outlets as well as the digital status display panel should comply with ISO 9170-1:2008 standards for medical gas supplies as well as medical device directives 93/42/EEC.

2.9.14 The outlets must have two completely distinguishable parking and operating positions. Both the parking and operating positions should have the facility of unlocking by means actuators.

2.9.15 The terminal outlets should operate at the standard distribution pressure level corresponding to the outlet pressure of the high-pressure regulator, which is 4 - 5 bar.

2.9.16 The terminal outlet should be in all metal (non-ferrous grade preferably brass, aluminium and stainless steel) construction, appropriately nickel or chrome plated or anodized in matt finish.



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- 2.9.17 It must be possible to operate the outlets in one hand for the purpose of coupling and decoupling.
- 2.9.18 The terminal outlets should consist of a gas-specific basic block and a socket unit screwed with each other.
- 2.9.19 The gas specific basic block should be fitted with a non-return and service valve. The non-return valve should open up when the gas specific probe for the terminal outlet is inserted to the terminal outlet and it should close automatically when the probe is removed.
- 2.9.20 The servicing valve should be able to be screwed to the connecting thread in the rear part of the basic block thereby interrupting the gas supply to the terminal block entirely. Thus ensuring a separate and gas tight shut-off of the terminal for any servicing work.
- 2.9.21 The gas specific socket unit must have gas specific geometrical profile so that only the gas specific probe can be plugged into the terminal outlets.
- 2.9.22 All the wear and tear parts (like o-rings seals) should be combined in one single sub-assembly group inside the terminal outlet, so that these can be replaced easily by removing one easy fix and remove sub-assembly. The total number of o-ring seals in the entire terminal outlet assembly should be as less as possible but in any case should not be more than three maximum.
- 2.9.23 All the sub-assemblies of the terminal unit should be clearly marked with the type of service (in this case oxygen) it is intended for use.
- 2.9.24 The actuator should be clearly marked with the type of service it is intended for (in this case oxygen) as well as a coloured collar specific to the type of gas as per ISO 9170-1:2008. The terminal outlets as well as the digital status display panel must be manufactured in an ISO 13485 certified facility.

3 Ambulance Equipment

- 3.1 Roll-in Patient Stretcher cum Trolley
- 3.1.1 The stretcher main framework should be fully devoid of any welding. The legs of the stretcher should not have any welding along its complete length.
- 3.1.2 The base frame should be modelled to consent more comfortable and effective operations on the patient.
- 3.1.3 The wheels must have diameter of minimum 200 mm. and should be made from plastic tyre compound to optimise bump absorption.
- 3.1.4 The backrest should be infinitely adjustable having pneumatic shock-absorbers and not with fixed point adjustments.
- 3.1.5 The stretcher must have two distinct fully folded and fully unfolded position.
- 3.1.6 It should be possible to use the trolley as a stretcher with completely folded legs and unfolding of the legs deactivated temporarily if required so under certain evacuation requirements.
- 3.1.7 The stretcher must be supplied with its own fixture to rigidly fix the stretcher to the floor of the ambulance.
- 3.1.8 The fixture should be an integrated loading platform with three point anchorage activated automatically once the stretcher slides into position and all the three anchorage points deactivated by single latch when the stretcher to be released from the fixation platform. The locking of the stretcher should be fully automatic without any manual intervention or activation of any locks or latches. The unlocking of the stretcher should be possible with one hand.
- 3.1.9 The loading and unloading of the stretcher should be completely seamless and the loading wheels should not roll on the floor of the ambulance directly with the possibility to damage the floor.
- 3.1.10 The loading platform at 3.1.8. should have an integrated foldable flap to guide the stretcher in and out of the ambulance without any part of the stretcher (including the legs) striking any part of the ambulance body including the rear footstep.
- 3.1.11 The loading platform should have integrated space in it to firmly accommodate a full body length spine board or even a scoop stretcher inside it for ergonomic storing.



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3.1.12 Once the loading is completed the foldable flap of the loading platform should be lifted and remain firmly in position not getting inadvertently opened when the vehicle is in move. This should be supported with pneumatic lifters.

3.1.13 The fixture should be manufactured as an original equipment accessory by the stretcher manufacturer complying with the same standards as that of the stretcher.

3.1.14 The stretcher should be made from high grade aluminium and should not be more than 40 Kg. in weight.

3.1.15 The stretcher must comply with Medical Device Directives (93/42/EEC) having the CE mark along with the four-digit code from the certifying agency.

3.1.16 The device must comply with EN 1789 standards.

3.1.17 The device must be manufactured in an ISO 13485 certified facility.

3.3 Oxygen Flow-meter

3.3.1 The oxygen flow-meter should be fully compatible to the oxygen terminal outlets. These must be direct mounted and operated by oxygen supply inside the ambulance.

3.3.2 The adaptors of the oxygen flow-meters should comply with the DIN-13260-2.

3.3.3 The flow tube should be calibrated in the range of 0 to 15 litres per minute.

3.3.4 The flow tube must be calibrated in dual scale thereby allowing precision settings in low flow ranges as well.

3.3.5 The ultra accurate flow tubes must have extra accuracy in low flow ranges there by ensuring high clinical efficiency to the end users.

3.3.6 The tubes should have accuracy not exceeding +/- 0.05 LPM for flow in the range of 1 LPM.

3.3.7 The Flow-meter body should be made of high quality chrome plated brass.

3.3.8 Both the inner and outer tubes should be made from special clear and impact resistant high-grade polycarbonate.

3.3.9 The float be made up of stainless steel and should rest on chrome plated solid brass, vitone rubber and plastic.

3.3.10 The humidifier must ensure moderate relative humidity to the breathing oxygen.

3.3.11 Bubble humidifier with porous diffuser should be designed to increase the humidity level with minimal noise.

3.3.12 The humidifier should be reusable and auto-claveable till 130 degree C and made of Polycarbonate.

3.3.13 The oxygen outlet should have integrated outlet Probes complying to DIN-13260-2 made up of stainless steel and manufactured as an original OEM either by the terminal outlet manufacturer or the oxygen flow meter manufacturer.

3.3.14 The scope of supply should include insufflation kits and nasal prongs.

3.3.15 The device must comply with Medical Device Directives (93/42/EEC) having the CE mark along with the four-digit code from the certifying agency.

3.3.16 The device must comply to the latest international standard ISO 15002:2008.

3.3.17 The device must be manufactured in an ISO 13485 certified facility.

3.4 Portable Suction Unit with Battery Back-up

3.4.1 The portable suction unit should be of highly rugged and modern design as well as it should be very compact and handy.

3.4.2 The unit must have integrated oil free no maintenance piston pump ensuring high level of functionality and dependability as a professional suction unit.

3.4.3 Capacity : Minimum 30 LPM

3.4.4 The unit should be equipped with a vacuum gauge to show the vacuum level. The vacuum level should be adjustable from 0 to 630 mm. of Hg by means of a control knob.

3.4.5 The unit should be supplied with a 1000 ml. Auto-clavable polycarbonate collection jar with overflow safety valve that, during operation, should prevent any liquid or secretion from reaching and damaging the vacuum pump.



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3.4.6 The device must have integrated built-in lead batteries allowing minimum 1 hour autonomous operation. The unit should be able to work on 12V DC and 240V AC.

3.4.7 The total weight of the unit should not be more than 5 Kg.

3.4.8 The unit should be supplied with its own wall fixture to rigidly fix the unit to the ambulance wall.

3.4.9 The fixture should be manufactured as an original equipment accessory by the manufacturer.

3.4.10 The device must comply with Medical Device Directives (93/42/EEC) having the CE mark along with the four-digit code from the certifying agency.

3.4.11 The device must be supplied with EN1789 compliant ambulance wall mount.

3.4.12 The device must be manufactured in an ISO 13485 certified facility.

3.5 Intubation Kit

The contents of the kit should include the following:

3.5.1 Laryngoscope Handle : 2 Nos.

3.5.2 Laryngoscope Blade : 3 Nos. complete set- i.e Small, Medium and Large

3.5.3 Guedel airway set (0,1,2,3,4) : 1 No.

3.5.4 Endotracheal Tube set (6,7,8,9) : complete set– plain i.e. non cuffed and cuffed

3.5.5 Adhesive Tape

3.5.6 Laryngeal Mask airways LMA : : 1 No. Proseal 3,4,5 Nos.

3.6 Emergency Kit

The contents of the kit should include the following:

3.6.1 Sphygmomanometer : 1 No.

3.6.2 Stethoscope : 1 No.

3.6.3 Oxygen bottle 0.5L : 1 No.

3.6.4 Oxygen pressure reducer : 1 No.

3.6.5 Connecting tube : 1 No.

3.6.6 Resuscitation Bag, Adult : 1 No.

3.6.7 Resuscitation Bag, Paediatric : 1 No.

3.6.8 Adult mask V : 1 No.

3.6.9 Paediatric mask III : 1 No.

3.6.10 Magill Forceps : 1 No.

3.6.11 Universal scissor : 1 No.

3.6.12 Tongue forceps : 1 No.

3.6.13 Tourniquet : 2 No.

3.6.14 Plastic penlight : 1 No.

3.6.15 Digital Thermometer : 1 No.

3.6.16 Glucometer : 1 No.

3.7 Scoop Stretcher

3.7.1 The stretcher should be designed allowing coupling and uncoupling of any of the ends and gently scoop up the patient using the two scoops of the stretcher.

3.7.2 The stretcher should be telescopic to accommodate the tallest patient and should be folded for compact storage.

3.7.3 The frame should be made of high quality anodized aluminium and blades should be made up of extruded aluminium.

3.7.4 The scooping blades should be fixed with aluminium frame by interposition of alloy fusions.

3.7.5 It should have an integrated handle to select the length of the distal part of the stretcher.

3.7.6 The scoop stretcher should be easily foldable in one swift movement.

3.7.7 It should have easy locking and unlocking nylon restraint belts to fix the patient to the stretcher.



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3.7.8 The fixture should have two points of holding the stretcher but only one point of fastening. The fastening point should have a locking system operated by single hand with lockable twist with locking arrangement to protect any inadvertent use.

3.7.9 The device must comply with Medical Device Directives (93/42/EEC) having the CE mark along with the four-digit code from the certifying agency.

3.7.10 The device must be manufactured in an ISO 13485 certified facility.

3.10 Transport Ventilator (with sufficient battery backup)

3.10.1 Time-cycled, volume controlled and pressure limited emergency ventilator for the controlled ventilation of patients.

3.10.2 Compact dimension of the ventilator should not exceed 225x100x225 mm. (WxHxD) and the weight not exceeding 3.2 Kg. maximum.

3.10.3 The ventilator must have integrated handle for lifting and carrying by hands as well as quick latching to all common rail and pole profiles.

3.10.4 Ventilation Mode: IPPV / CMV

3.10.5 Ventilation Frequency: 4 to 54 per minute

3.10.6 Minute Volume: 3 to 20 LPM

3.10.7 I:E Ratio: 1:1.5 Fixed

3.10.8 Maximum Airway pressure: 25 to 60 Mbar

3.10.9 Oxygen Concentration: Approx 60% in Air Mix and 100% in No Air Mix Modes

3.10.10 Gas consumption of control: Not exceeding 1 LPM

3.10.11 Pressure Gauge Display: -10 to 80 mbar

3.10.12 Both audible and visual alarms for Supply Pressure Low, Airway Pressure High and Airway Pressure Low

3.10.13 The device should be supplied with the ambulance mount complying to the same standard as the ventilator as well as manufactured as an OE by the manufacturer not any retrofit item from any other sources.

3.10.14 The ventilator must be vibration tested and certified as per MIL STD 810 F standard.

3.10.15 The device must be manufactured in an ISO 13485 certified facility.

3.11 Integrated Cardiac Monitor & Defibrillator cum Pacer

3.11.1 The integrated unit should be manufactured as a 100% modular unit comprising of three physically modules for data acquisition, monitoring unit respectively

3.11.2 The modularity of the unit should allow the doctor / emt to monitor the patient uninterrupted through the wireless connection to the data module thereby completely avoids all the wires and cable clusters from the patient to the monitor.

3.11.3 The data module should have fixtures to be ergonomically connected below the patient platform of the stretcher so that all the cables and hoses from the patient are limited to the stretcher only, thereby increasing the patient safety.

3.11.4 There should be uninterrupted wireless networking between the two modules as if the two modules are physically connected although both function separately or even together if connected physically.

3.11.5 Monitoring unit should have minimum 8.4" crystal clear TFT display to display up to 6 waveforms and all measured values of the vital parameter.

3.11.6 The monitoring unit should have a built-in thermal array printer for 100mm. wide paper with up to six simultaneous waveforms.

3.11.7 The data module should have the facility to provide 12 Lead Diagnostic Quality ECG as well as monitoring quality ECG, SpO₂, and NIBP as the basic functions.

3.11.8 The data module should be up-gradable to have CO₂ (Mainstream for both intubated and non-intubated patients), 2-Channel Temperature and up to 4-Channel IBP to ensure intensive care level of monitoring for the clinicians tracking the patient



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3.11.9 The monitor should be available to the clinicians as a palm top screen not weighing more than 3kgs. and should be IP 54 compliant.

3.11.10 The data module should not weight more than 1.5 Kg.

3.11.11 Both the modules should have integrated batteries inside each but when connected both the batteries should work like one battery bank source ensuring equal usage for both the batteries through intelligent battery management system.

3.11.12 The device should be supplied with the ambulance mount complying to the same standard as the ventilator as well as manufactured as an OE by the manufacturer not any retrofit item from any other sources.

3.11.13 The complete unit as well as both the modules must be vibration tested and certified as per EN 1789, RTCA standard.

3.11.14 The device must be manufactured in an ISO 13485 certified facility.

4 Rescue Tools:

4.1 12" Wrench, Adjustable, Open-end

4.2 12" Screw Driver Standard Square Bar

4.3 8" Screw Driver Philips Head #2

4.4 Ropes 5400 lbs Tensile Strength in 50' length in protective bags

4.5 Mastic Knife (able to cut seat belt webbings)

S.No.	Name of Medical Equipment	Brands
1.	Ambulance Cot	<ul style="list-style-type: none">• Spencer• Karstana• Ferno• Meber• Stryker
2.	Scoop Stretcher	<ul style="list-style-type: none">• Spencer• Karstana• Ferno• Meber• Stryker
3.	Spine Board	<ul style="list-style-type: none">• Spencer• Karstana• Ferno• Meber• Stryker
4.	Vacuum Mattress	<ul style="list-style-type: none">• Spencer• Karstana• Ferno• Meber• Stryker
5.	Foldable Carrying Chair (Wheel Chair cum Stair Chair)	<ul style="list-style-type: none">• Spencer• Karstana• Ferno• Meber• Stryker



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6.	Bi-Phasic Defibrillator cum Cardiac Monitor with Recorder (ALS Only)	<ul style="list-style-type: none">• Philips• Zoll• Physiocontrol• Corpuls
7.	Automatic External Defibrillator (BLS Only)	<ul style="list-style-type: none">• Philips• Zoll• Physiocontrol• Corpuls
8.	Transport Ventilator (ALS Only)	<ul style="list-style-type: none">• Drager• Wienmann
9.	Oxygen Flow Meter with Humidifier	<ul style="list-style-type: none">• Hersill• Oxylitre• Boscorol
10.	Suction Pump (electronic)	<ul style="list-style-type: none">• Spencer• Wienmann• Hersill



Annexure-IV
Technical Specifications for Ambulance Low End

- A. **Color:** There shall be no restrictions concerning the painted color of the ambulance.
- B. **Emblems and Markings:** All items in this section shall be of reflective quality and in contrasting color to the exterior painted surface of the ambulance.
1. There shall be a continuous green stripe, of not less than 8 cm on cab and 15 cm on patient compartment, to encircle the entire ambulance with the exclusion of the hood panel.
 2. Emblems and markings shall be of the type, size and location as follows:
 - a. Front: The word "AMBULANCE", minimum of 10 cm in height, shall be in mirror image (reverse reading) for mirror identification by drivers ahead, with a green "Star of Life", minimum of 8 cm height, to the left and right of the word "AMBULANCE." If vehicle design permits, there shall be a green "Star of Life" of no less than 30 cm in height on the front section of the patient compartment.
 - b. Side: Each side of the patient compartment shall have the green "Star of Life" not less than 30 cm in height. The word "AMBULANCE", not less than 15 cm in height, shall be under or beside each star. The name of the licensee as stated on their provider's license shall be of lettering not less than 8 cm in height.
 - c. Rear: The word "AMBULANCE", not less than 15 cm in height, and two green "Star of Life" emblems of not less than 30 cm in height.
 - d. Top (roof): There shall be a green "Star of Life" of not less than 60 cm in height as well as the individual provider's ambulance number (example: unit "23") of not less than 30 cm in height.
 3. Prior to private sale of ambulance vehicles to the public, all emblems and markings must be removed.

Inner Dimensions of the ambulance:

1. Minimum Patient Compartment Length: 2700 mm.
2. Minimum Patient Compartment Width: 1500 mm.
3. Minimum Patient Compartment Height: 1500 mm from floor to ceiling.

Patient cabin should have following features:

1. Properly ventilated patient cabin
2. Whether vehicle has reinforced suspension system for providing to patient a comfortable ride, free from external noise
3. Adequate power supply arrangements including power backup for support power requirements of the Head lights, Tail lights and the power requirements of Medical equipments etc.
4. Adequate Patient Cabin space for patient (in comfortable position), at-least one attendant and two paramedics.
5. Complete flooring free of joints suitable for easy cleaning / scientific fumigation and treatment with disinfectants.
6. Two(at-least) superior quality Fans and sufficient Lighting arrangement.
7. Storage space for keeping Medical equipments and consumables required.
8. Siren and beacon as per approved norms of Government with at least 3 flashers on both sides of ambulance.

Equipment to be placed on BLS Ambulance:

All ambulances will be required to be equipped with, but not limited to the following:

A. Minimum of two stretchers.

1. One multilevel, elevating, wheeled stretcher with elevating back. Two patient restraining straps (chest and thigh) minimum, at least two inches wide shall be provided.



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2. One secondary patient transport stretcher, with a minimum of two patient restraining straps. Minimum acceptable stretcher is vinyl covered, aluminum frame, folding stretcher.

B. Suction Devices:

1. An engine vacuum operated or electrically powered, complete suction aspiration system, shall be installed permanently on board to provide for the primary patient. It shall have wide bore tubing.
2. A manual suction device, age and weight appropriate, with wide bore tubing and at least a six ounce reservoir.
3. There must be an assortment of suction catheters (minimum of 2 each) on board. Sizes 6 fr, 8 fr, 10 fr, 16 fr, 18 fr. A rigid suction catheter (e.g. Yankaur) will also be carried. Minimum 2 each.

C. Bag Mask Ventilation Units.

1. One adult, hand-operated. Valves must operate in all weather, and unit must be equipped to be capable of delivering 90-100% oxygen to the patient.
2. One pediatric, hand-operated. Valves must operate in all weather and unit must be equipped to be capable of delivering 90-100% oxygen to the patient. Must include safety pop off mechanism with override capability.
3. One infant, hand-operated. Valves must operate in all weather and unit must be equipped to be capable of delivering 90-100% oxygen to the patient. Must include safety pop-off mechanism with override capability.
4. The following sized masks will be carried aboard all permitted ambulances to be used in conjunction with the ventilation units above, 0,1,2,3,4,5. Masks must be clear. Either the disposable or non-disposable types are acceptable.

D. Nonmetallic Oropharyngeal (Berman type)/ Nasopharyngeal Airways - adult, child and infant sizes. All airways shall be clean and individually wrapped.

1. Large adult
2. Med. adult
3. Large child
4. Child
5. Infant

E. "S" tube type airways may not be substituted for Berman type airways.

F. Oxygen Equipment.

1. Portable oxygen equipment: Minimum one 360 Liter capacity oxygen cylinder. Liter flow gauges shall be non-gravity, dependent (Bourdon Gauge) type. Additionally, when the vehicle is in motion, all oxygen cylinders shall be readily accessible and securely stored.
2. Permanent On-Board Oxygen Equipment: The ambulance shall have a hospital type piped oxygen system, capable of storing and supplying a minimum of 2400 liters of humidified medical oxygen.
3. Single use, individually wrapped, non-rebreather masks and cannulas in adult and pediatric sizes shall be provided (3 each).
4. A "no smoking" sign will be prominently displayed in the patient compartment.

G. Bite sticks commercially made.(Clean and individually wrapped).

H. Twelve sterile dressings (minimum size 5 inches x 9 inches).

I. Thirty-six each sterile gauze pads 4 inches x 4 inches.



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- J.** Twelve each bandages, self-adhering type, minimum three inches by five yards. Bandages must be individually wrapped or in clean containers.
- K.** A minimum of four commercial sterile occlusive dressings, four inches by four inches.
- L.** Adhesive Tape, hypoallergenic, one, two and three inches wide.
- M.** Burn sheets, two, sterile.
- N.** Splints:
1. Pneumatic splints set of six with carrying case
 2. Wooden splints
- O.** Spinal immobilization devices:
1. Spine board, at least 16 inches by 72 inches constructed of three-quarter inch plyboard or equivalent material and having at least three quarter inch runners on each side for lifting with appropriate straps. If not equipped with runners, board must be designed so handholds are accessible even with gloves on.
 2. Cervical collars to accommodate the infant, child, medium adult and large adult sizes. Collars must be manufactured of semi-rigid or rigid material.
 3. Three, two inches by nine foot patient restraint straps.
 4. Head immobilization device, commercially available or towel/blanket rolls.
- P.** Five each triangular bandages.
- Q.** Two blankets.
- R.** Bandage shears, large size.
- S.** Obstetrical kit, sterile. The kit shall contain gloves, scissors or surgical blades, umbilical cord clamps or tapes, dressings, towels, perinatal pad, bulb syringe and a receiving blanket for delivery of infant.
- T.** Blood pressure manometer, cuff and stethoscope.
1. Blood pressure set, portable, both pediatric and adult (non mercurial type).
 2. Stethoscopes.
- U.** Emesis basin or commercially available emesis container.
- V.** Bedpan and urinal.
- W.** Two dependable flashlights /emergency light or electric lanterns, minimum size, two-D-cell or six volt lanterns.
- X.** Minimum of one fire extinguisher, CO2 or dry chemical or type ABC.
- Y.** Working gloves, two pair for each crewmember.
- Z.** Minimum of 1000 cc of sterile water or normal saline solution for irrigation.
- AA.** Automatic External Defibrillator (A.E.D.)
- BB.** Personal protective equipment (gloves, masks, gowns and eye shields).



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CC. Protective head gear and eye protection devices (minimum two each) must be carried on each ambulance.

DD. At the option of the medical control the following equipment may be added:

1. Laryngoscope handle with batteries.
2. Laryngoscope blades, adult, child and infant sizes. Infant sizes shall be 0,1,2 (straight). In addition, a #2 curved blade will be carried.
3. Six disposable endotracheal tubes, sizes to be from 2.5-9.0 with at least one of each size available. An intubation stylette sized for the neonate patient shall also be available (6 fr.).
4. Dual Lumen or LMA airways, COPA, Combitube, age and weight appropriate.
5. Magill's Forceps.
Adult.
Pediatric.

Minimum Ambulance Rescue Equipment

The following additional items will be carried by each ALS and BLS ambulance:

- A. Hammer, one four pound with 15 inch handle.
- B. One axe.
- C. Wrecking Bar, minimum 24-inch (bar and two preceding items can either be separate or combined as a forcible entry tool).
- D. Crowbar, minimum 48 inches, with pinch point.