### राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड

सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार तीसरी मंजिल, पीटीआई बिल्डिंग, 4—संसद मार्ग, नई दिल्ली—110001

#### National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India 3rd Floor, PTI Building, 4-Parliament Street, New Delhi-110001, +91 11 23461600, www.nhidcl.com





(भारत सरकार का उद्यम)

(A Government of India Enterprise)

Date: 24.12.2020

F.No.NHIDCL/Admin/Ambulance/2020

Pre-Bid Meeting Queries and Clarifications for Tender for Procurement of Ambulances-Fully equipped Ambulances for Highway patrolling under the jurisdiction of NHIDCL's Regional Offices located in NER States, UT of Ladakh, J&K, A&N Islands and Uttarakhand Tender Id.: 2020\_NHIDC\_602708 1

The requisite clarifications from NHIDCL in respect of queries received/raised are as under:

## I. Queries relating to terms& conditions of the tender.

These are mentioned below alongwith clarifications/amendments indicated against each:

| S.<br>No. | The point / matter of clarification under notified RFP  |  | Amendment/<br>Clarification  |
|-----------|---|--|--|
| 1.        |   | through GeM Portal, which will provide you delivery as per your requirement & secondly your department will save lot of money as special price for Government Department | difficulties that may arise at the time of fixing of equipments and other accessories, where size, fitment, compatibility etc issues may crop up, this tender has been issued with a view that an ambulance is delivered as a complete unit, leaving no scope for any such |
|           | As per S.No. 7 at Page 4 of the tender document, the given clause is "Bid should be submitted online in the prescribed format. No other mode of submission is acceptable. A hard copy of the complete documents uploaded in the CPP Portal is required to be submitted to |  |  |



|    | DGM (Admn) NHIDCL 3rd Floor, PTI Building Sansad Marg, New Delhi by 1500 hours on 02.01.2021".  3. As per Clause 1.2 at Page 6, "The successful bidder will complete the contract works in 02 months period commencing within 10 days from the date of issue of LOA". | a) Please note that this time period is not sufficient as some of the equipment is imported and needs timeline of 8-12 weeks to reach India, hence you are requested to give completion time of at least 6 months from the date of supply order. b) Also clarify the liquidated damages clause in case there is delay in delivery of the ambulances.  a) Time of Delivery cannot be extended as the project is to be completed in Financial Year 2020-21 b) Liquidated damages clause is modified as under:  The successful bidder will complete the contract works in 02 months period commencing within 10 days from the date of issue of LOA. Liquidated damages @Rs.2000/for per day delay subject to maximum of 10 days shall be imposed. Thereafter LoA will be cancelled and performance |
|----|---|---|
| 5. | "The agency shall be registered with the Competent Authority for GST, etc. A certificate duly attested by Chartered Accountant shall be attached".  As per Clause 3(i)(f) at Page 7,  | be allowed to provide copy of notarized GST "The agency shall be registered with the attestation.  Competent Authority for GST, etc. A certificate duly attested by Chartered Accountant or duly notarized shall be attached".  Please note that the bidder Clause 3(i)(f) is amended   |
|    | "The agency must provide PAN No. of firm or proprietor with copy attested by CA".   | be allowed to provide copy of notarized PAN Card instead of CA attestation.  "The agency must provide PAN No. of firm or proprietor with copy attested by CA or duly notarized".  |
| 6. | bidder  | i) Can OEM of Ambulances i) Yes. However, one give authorization to more than one authorized dealer one bid. for participation in the tender. ii) Can OEM alongwith his authorized dealer (more   |

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| "Written Power of Attorney<br>of the signatory (whose<br>digital signature certificate<br>is used during e-tender                           | in the tender. iii) Can we quote part quantity for the tender.  Please clarify that the bidder is not required to submit Power of Attorney if the bid is being signed by the Director of the  | iii) Bid can be submitted either for both categories or for one category, but the quantity under each category cannot be reduced.  Clause 11(c) is amended as under:  "Written Power of Attorney of the signature certificate is used during e-tender submission) of the bidder to commit the bid. In case the tender is signed by the Director of the company, PoA is not   |
|---|---|--|
| Please note that there is no mentioning of ISO 9001, 14001 and 13485 for the required items i.e. Ambulances.                                |   | required".<br>Standards should be as<br>per GOI norms  |
| "Comprehensive and back- to-back warranty from Original Equipment Manufacturer (OEM) in respect of the vehicles and medical equipment for a | Maintenance Contract or Comprehensive   | contract post completion of warranty is NOT  |
| the date of supply of the same".  | clause to be amended to warranty as per manufacturer warranty terms and conditions as medical equipments suppliers are not giving comprehensive warranty on medical equipments  | body/vehicles, it will remain 3 years. However in case of equipment, if the warranty period notified by OEMs is esser, in that case, the   |
| Please clarify that who would bear the cost of permanent registration and insurance for the Ambulance.                                      | t<br>i<br>k<br>s<br>r   | All such expenses relating to registration and insurance shall be borne by the bidder. Ambulance shall be delivered duly registered and insured by the bidder to whom contract is awarded.   |
|   | "Written Power of Attorney of the signatory (whose digital signature certificate is used during e-tender submission) of the bidder to commit the bid".  Please note that there is no mentioning of ISO 9001, 14001 and 13485 for the required items i.e. Ambulances.  As per Clause 33 (i) at Page 18, "Comprehensive and back-to-back warranty from Original Equipment Manufacturer (OEM) in respect of the vehicles and medical equipment for a period of three years from the date of supply of the same". | iii) Can we quote part quantity for the tender.  7. As per Clause 11(c) at Page 11, "Written Power of Attorney of the signatory (whose digital signature certificate is used during e-tender submission) of the bidder to commit the bid".  Please note that there is no mentioning of ISO 9001, 14001 and 13485 for the required items i.e. Ambulances.  As per Clause 33 (i) at Page 18, "Comprehensive and backto-back warranty from Original Equipment Manufacturer (OEM) in respect of the vehicles and medical equipment for a period of three years from the date of supply of the same".  Please clarify that who would bear the cost of permanent registration and insurance for the Ambulance. |

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| Note that the clause relating to EMD   Interested   OEMs/their   authorized dealers may submit their bids complete in all respect along with Earnest   Money Deposit (EMD) of Rs.30,00,000/- (Rupees Thirty Lakh only), and other requisite documents on or before 02.01.2021 by 3:00 P.M. Paper copy of Technical bid with EMD should be sent to National Highways & Infrastructure Development Corporation Limited, 3rd Floor, PTI Building, 4-Parliament Street, New Delhi-110001. Online bids should also be submitted by this time and date. No bid shall be entertained after this deadline under any circumstance whatsoever. The Technical Bids will be opened at 1500 hours on 04.01.2021 and Financial Bids of only technically qualified bidders will be opened on a date to be notified later on.  13 Who will provide Certification regarding satisfactory delivery of ambulances with specified material  14 Splitting Clause regarding L-1 for different categories   |    | 11 As per Clause 14 at Page 31 "Payment terms :- Payment of the bid amount / bills shall be made upon satisfactory delivery of the complete quantity ordered by the Buyer".  | Please clarify if the payment can be made within 15 days of delivery of each Ambulance rather than for complete ordered quantity as the same will help in better cash flow for the contractor.  Payment terms: "Payment of the bid amount / bills shall be made upon satisfactory delivery of the complete quantity ordered by the Buyer.In case delivery is made in batches proportionate payment shall be released upon delivery of a batch of 5 Ambulances". |
|--|----|--|---|
| authorized dealers may submit their bids complete in all respect along with Earnest Money Deposit (EMD) of Rs.30,00,000/- (Rupees Thirty Lakh only), and other requisite documents on or before 02.01.2021 by 3:00 P.M. Paper copy of Technical bid with EMD should be sent to National Highways & Infrastructure Development Corporation Limited, 3rd Floor, PTI Building, 4-Parliament Street, New Delhi-110001. Online bids should also be submitted by this time and date. No bid shall be entertained after this deadline under any circumstance whatsoever. The Technical Bids will be opened at 1500 hours on 04.01.2021 and Financial Bids of only technically qualified bidders will be opened on a date to be notified later on.  13 Who will provide Certification regarding satisfactory delivery of ambulances with specified material  14 Splitting Clause regarding L-1 for different categories  |    |  | We request the Clause relating to EMD   |
| their bids complete in all respect along with Earnest Money Deposit (EMD) of Rs.30,00,000/- (Rupees Thirty Lakh only), and other requisite documents on or before 02.01.2021 by 3:00 P.M. Paper copy of Technical bid with EMD should be sent to National Highways & Infrastructure Development Corporation Limited, 3rd Floor, PTI Building, 4-Parliament Street, New Delhi-110001. Online bids should also be submitted by this time and date. No bid shall be entertained after this deadline under any circumstance whatsoever. The Technical Bids will be opened at 1500 hours on 04.01.2021 and Financial Bids of only technically qualified bidders will be opened on a date to be notified later on.  13 Who will provide Certification regarding satisfactory delivery of ambulances with specified material  14 Splitting Clause regarding L-1 for different categories  The Technical Bids of the provide Certification regarding satisfactory delivery of ambulances with specified material  15 Splitting Clause regarding L-1 for different categories   |    | ,  | department to allow Bank may be read as amended   |
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| Rs.30,00,000/- (Rupees Thirty Lakh only), and other requisite documents on or before 02.01.2021 by 3:00 P.M. Paper copy of Technical bid with EMD should be sent to National Highways & Infrastructure Development Corporation Limited, 3rd Floor, PTI Building, 4- Parliament Street, New Delhi- 110001. Online bids should also be submitted by this time and date. No bid shall be entertained after this deadline under any circumstance whatsoever. The Technical Bids will be opened at 1500 hours on 04.01.2021 and Financial Bids of only technically qualified bidders will be opened on a date to be notified later on.  13 Who will provide Certification regarding satisfactory delivery of ambulances with specified material  14 Splitting Clause regarding L-1 for different categories  Order.  Order.  Order.  Order.  Order.  Order.  Order.  Pegional Office.  Regional Office ED   |    |  |   |
| Lakh only), and other requisite documents on or before 02.01.2021 by 3:00 P.M. Paper copy of Technical bid with EMD should be sent to National Highways & Infrastructure Development Corporation Limited, 3rd Floor, PTI Building, 4-Parliament Street, New Delhi-110001. Online bids should also be submitted by this time and date. No bid shall be entertained after this deadline under any circumstance whatsoever. The Technical Bids will be opened at 1500 hours on 04.01.2021 and Financial Bids of only technically qualified bidders will be opened on a date to be notified later on.  13 Who will provide Certification regarding satisfactory delivery of ambulances with specified material  14 Splitting Clause regarding L-1 for different categories  L-1 for each for different categories  |    |  |   |
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| Floor, PTI Building, 4- Parliament Street, New Delhi- 110001. Online bids should also be submitted by this time and date. No bid shall be entertained after this deadline under any circumstance whatsoever. The Technical Bids will be opened at 1500 hours on 04.01.2021 and Financial Bids of only technically qualified bidders will be opened on a date to be notified later on.  13 Who will provide Certification regarding satisfactory delivery of ambulances with specified material  14 Splitting Clause regarding L-1 for different categories  L-1 for each category/type of lot of thirty ambulances may be  |    | The state of the s |   |
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| for different categories category/type of lot of thirty ambulances may be  | 14 |  | L-1 for each  |
| thirty ambulances may be   |    |  |   |
|  |    | - CONT.  |   |
|  |    |  |   |

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|     |                                 |         | bidder is L-1 for both.   |
|-----|---------------------------------|---------|---|
| 15. | Sr. No. 25, Page-42<br>Schedule | - Price | Separate provision should There is no need for a be given for quoting separate provision. The prices for Andaman & bidder should take into Nicobar consignee as account the shipping cost vehicles to be transported and should include such in ship. |

## II. <u>Suggestion/ Queries regarding specification of Ambulance Body, General specification of Vehicle/Engine etc.</u>

Scope of work has been modified by incorporating most of the suggestions. A few suggestions which are specific to some particular brand have not been included because the specification cannot be made to suit some particular vehicle/brand. (Modified Scope of Work / Specifications have been separately notified vide amendment No.-I dated 24-12-2020 (Annexure-I)

### III Suggestions/Queries regarding equipments and consumables items/medicines.

Most of the suggestions are for reducing the quantity of some equipments and consumables. Section-VI containing list of equipments and medicines etc has been modified by incorporating most of the suggestions and separately notified vide amendment No.-I dated 24-12-2020 (Annexure-II).

IV. Based on the discussion and feedback during the pre-bid meeting with OEMs / their authorized dealers, now the BoQ and Scope of Work has been amended inviting rates for only two category of Ambulances, instead of three notified earlier. Resultantly, the bids are invited for only two categories of Ambulances, as per detailed specifications indicated under amended BoQ and Scope of Work. The number of Ambulances is now 30 each under the two categories. Accordingly, Sr. No. 2 of NIT at page-3 also stand modified to that extent. The price bid format also stand amended accordingly.

V. The registration of the vehicles shall be in the name of respective State Governments as per delivery location. The exact details of the person/authority in whose name the Ambulances are to be registered shall be provided at the time of Award of LoA.

All other terms and conditions of the tender document remain the same.

SP Sanwal)

DGM (A)

#### राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड

सङ्क परिवहन और राजमार्ग मंत्रालय, मारत सरकार तीसरी मंजिल, पीटीआई बिल्डिंग, 4-संसद मार्ग, नई दिल्ली-110 001

National Highways & Infrastructure Development Corporation Limited

Ministry of Road Transport & Highways, Govt. of India

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BUILDING INFRASTRUCTURE - BUILDING THE NATIO
CIN: U45400DL2014GOI269062

OIIV. G-10-100BLE011 GOIE0300E

A PUBLIC SECTOR UNDERTAKING

सार्वजनिक क्षेत्र का चपक्रम File No. : NHIDCL/Admin/Ambulance/2020

Dated 24.12.2020

#### Amendment No. - I

Sub: Tender for Procurement of Ambulances- Fully equipped Ambulances for Highway patrolling under the jurisdiction of NHIDCL's Regional Offices located in NER States, UT of Ladakh, J & K, A & N Islands and Uttarakhand.

Ref: Tender ID: 2020\_NHIDC\_602708\_1

Reference above tender, the following amendments are being carried out:

| S.No. | Reference Clause            | As Existing   | As modified  |
|-------|-----------------------------|---|--|
| i.    | Section-V<br>Page 33-36     | Section-V Scope of Work and detailed specifications in Type- I, Type-II and Type-III Ambulances     | Section-V Scope of Work & detailed specifications for Type-I and Type-II Ambulances  |
| ii.   | Section-VI<br>Page 37-41    | List of Equipments and Medicines as well as dressing material to be provided with all 60 Ambulance. | List of Equipments and Medicines as well as dressing material to be provided with all 60 Ambulance after reduction of some quantity. |
| iii.  | Item Rate BoQ<br>at page-42 | Price schedule for Type-I, Type-II and Type-III Ambulances (20 under each category)                 | Price schedule for Type-I<br>and Type-II Ambulances (30<br>under each category)  |

2. Other terms and conditions shall remain the same as per RFP and clarification issued in response to pre-bid queries.

(S.P. Sanwal) DGM (Admin)

## (SECTION-V) Annexure-I

## BoQ

#### and

#### **SCOPE OF WORK AND DETAILED SPECIFICATIONS**

**Sub:** Procurement of Ambulances- Fully equipped Ambulances for Highway patrolling under the jurisdiction of NHIDCL's Regional Offices located in NER States, UT of Ladakh, J&K, A&N Islands and Uttarakhand

|                 |                              | Type-I (30 Numbers)      | Type-II (30 Numbers)         |
|-----------------|------------------------------|--------------------------|------------------------------|
| General Vehicle | Type of Ambulance            | Type B (as per clause    | Type C (as per clause 3.3.3) |
| Parameters      |                              | 3.3.2) of AIS :125 Part- | of AIS :125 Part-1)          |
|                 |                              | 1)                       |                              |
|                 | Category of Vehicle          | M2                       | M2                           |
|                 | Vehicle Engine Capacity      | 2000 and above           | 2100 and above               |
|                 | Vehicle Emission Compliance  | BS VI                    | BS VI                        |
|                 | Color of Vehicle             | White                    | White                        |
|                 | Vehicle Mileage (declared by | 10.0 and above           | 10.0 and above               |
|                 | OEM as certified by Test     |                          |                              |
|                 | Agency under Rule 115 of     |                          |                              |
|                 | CMVR 1986) (kmpl)            |                          |                              |
|                 | Top Speed in Km (when tested | 80 or above              | 80 or above                  |
|                 | as per IS:11851-1986)        |                          |                              |
|                 | Acceleration (0.70 kmph)     | Less than 35 seconds     | Less than 35 seconds         |
|                 | Gradeability of Vehicle      | Not less than 10.0       | Not less than 10.0 degree    |
|                 |                              | degree                   |                              |
|                 | Air Conditioning             | Whole Ambulance          | Whole Ambulance              |
|                 | Engine BHP                   | 100 Horsepower and       | 100 Horsepower and above     |
|                 |                              | above                    |                              |
|                 | Rated RPM at Max Engine BHP  | 2600 and above           | 2600 and above               |
|                 | Type of Vehicle Body         | Chasis frame /           | Chasis frame / Monocoque     |
|                 |                              | Monocoque                |                              |
|                 | No of Doors                  | 3                        | 3                            |
|                 | Fuel Tank Capacity           | 60 Liter and above       | 60 Liter and above           |
|                 | Length of Vehicle Body       | Not less than 4900       | Not less than 5400           |
|                 |                              | millimeter               | millimeter                   |
|                 | Width of Vehicle Body        | Not less than 1800       | Not less than 1900           |
|                 |                              | Millimeter               | Millimeter                   |
|                 | Height of Vehicle Body       | Not less than 2400       | Not less than 2500           |
|                 |                              | Millimeter               | Millimeter                   |
|                 | Ground Clearance (Road       | 185 millimeter and       | 185 millimeter and above     |
|                 | clearance from floor)        | above                    |                              |
|                 | Wheel Base                   | 2800 Millimeter and      | 3300 Millimeter and above    |
|                 |                              | above                    |                              |
|                 | Gross Vehicle Weight         | 3000 Kilogram or more    | 3300 Kilogram or more        |
|                 | Type of Tyre and Tube        | BIS marked pneumatic     | BIS marked pneumatic         |
|                 |                              | Tyres and tubes for      | Tyres and tubes for both     |
|                 |                              | both front and rear      | front and rear               |
|                 | Vehicle Transmission System  | Manual                   | Manual                       |
|                 | No. of Speed/Forward Gears   | 5                        | 5                            |

|                | Type of wheel drive             | Two wheel and above       | Two wheel and above            |
|----------------|---------------------------------|---------------------------|--------------------------------|
|                | Size of Tyre                    | 195R15/ 215-              | 195R15/ 215-75R15/215          |
|                | Size of Tyre                    | •                         |                                |
|                | Daine Ande                      | 75R15/215 R15 Radial      | R15 Radial                     |
|                | Drive Axle                      | Rear/Front                | Rear/Front                     |
|                | Type of Steering                | Power                     | Power                          |
|                | Turning Radius                  | At least 5600 millimeter  | At least 5600 millimeter or    |
|                |                                 | or more                   | more                           |
|                | Front Vehicle Brake             | Disc / Drum Brake         | Disc / Drum Brake              |
|                | Rear Vehicle Brake              | Drum Brake                | Drum Brake                     |
|                | Vehicle Features                | Vehicle Brake ABS         | Vehicle Brake ABS fitted,      |
|                |                                 | fitted, Day & Night View  | Day & Night View Mirror,       |
|                |                                 | Mirror, Low Fuel          | Low Fuel Warning Light.        |
|                |                                 | Warning Light.            |                                |
| Ambulance Body | Patient Compartment             | As per cl. 4.5 of         | As per cl. 4.5 of AIS 125 Pt I |
|                |                                 | AIS 125 Pt I              |                                |
|                | Overall length of Patient       | 2600 millimeter or        | 3200 millimeter or more        |
|                | Compartment                     | more                      |                                |
|                | Overall width of Patient        | 1500 millimeter or        | 1600 millimeter or more        |
|                | Compartment                     | more                      |                                |
|                | Overall height of Patient       | 1800 millimeter or        | 1800 millimeter or more        |
|                | Compartment                     | more                      |                                |
|                | Construction of Patient         | The ceiling, the material | The ceiling, the material of   |
|                | Department                      | of floor and side shall   | floor and side shall be non-   |
|                |                                 | be non-permeable and      | permeable and resistant to     |
|                |                                 | resistant to disinfectant | disinfectant                   |
|                | Exterior panel of side body and | Sheet metal or GI sheet   | Sheet metal or GI sheet of     |
|                | roof                            | of thickness 0.8 mm       | thickness 0.8 mm min, FRP      |
|                |                                 | min, FRP paneling, ABS    | paneling, ABS paneling with    |
|                |                                 | paneling with Anti        | Anti Bacterial material/ Not   |
|                |                                 | Bacterial material/ Not   | for Monocoque                  |
|                |                                 | for Monocoque             |                                |
|                | Interior Panel of Roof          | Rexin/FRP/GI Sheet of     | Rexin/FRP/GI Sheet of          |
|                |                                 | 0.6mm and above/Roof      | 0.6mm and above/Roof           |
|                |                                 | lining                    | lining                         |
|                | Flooring Material               | Flooring made out from    | Flooring made out from ISI     |
|                |                                 | ISI marked 12 mm thick    | marked 12 mm thick FR          |
|                |                                 | FR grade plywood          | grade plywood covered          |
|                |                                 | covered with vinyle       | with vinyle sheet              |
|                |                                 | sheet                     |                                |
|                | Opening (Doors Windows,         | As per Cl. 4.4.5 of AIS   | As per Cl. 4.4.5 of AIS 125 Pt |
|                | Emergency Exit)                 | 125 Pt I                  | I                              |
|                | Number of Seats (including      | At least 6                | At least 6                     |
| <u> </u>       | driver)                         |                           |                                |
| <u> </u>       | Number of Stretcher             | 1                         | 1                              |
|                | Minimum number of patient       | 1 at least                | 2 at least                     |
|                | and attendant seats             |                           |                                |
|                |                                 |                           |                                |
| Main           | Feature of Main stretcher       | Main stretcher with       | Main stretcher with            |
| Equipments     | Catule of Mail Stretcher        | separable                 | separable undercarriage        |
| Equipinients   |                                 | undercarriage (as per     | (as per AIS-125) or            |
|                |                                 | AIS-125) or Stretcher     | Stretcher with minimum of      |
|                |                                 | with minimum of two       | two quick-release patient      |
|                |                                 | with million two          | two quick-release patient      |

|                        |  | quick-release patient restraints (as per AIS-   | restraints (as per AIS-125)  |
|------------------------|--|---|--|
|                        | Provision for Medical Devices  | Mounting for portable oxygen cylinder of 2.2 L water capacity, Hook for infusion mounting, storage for keeping first aid and nursing kit  | Mounting for portable oxygen cylinder of 2.2 L water capacity, Hook for infusion mounting, storage for keeping first aid and nursing kit   |
|                        | Type of patient handling equipment   | Main stretcher with<br>undercarriage, oxygen<br>cylinder bracket, I.V.<br>Bottle Hanging Hook,<br>First Aid Box in side of<br>rear saloon   | Main stretcher with<br>undercarriage, oxygen<br>cylinder bracket, I.V. Bottle<br>Hanging Hook, First Aid Box<br>in side of rear saloon   |
|                        | Ambulance Features   | Medical cabinet inside<br>of rear saloon, Roof<br>revolving light, Siren,<br>Fire Extinguisher as per<br>AIS 125 Pt-1   | Medical cabinet inside of<br>rear saloon, Roof revolving<br>light, Siren, Fire<br>Extinguisher as per AIS 125<br>Pt-1  |
|                        | Additional Electric Load of Medical Equipments permissible (watts) as per AIS – 125 (Part-1) | 110 Watt<br>or above  | 110 Watt<br>or above   |
|                        | Number of battery(ies) provided other than the vehicle battery                               | 01  | 01   |
|                        | Additional Battery Capacity  | Nominal voltage 12V 80<br>Ah  | Nominal voltage 12V 80 Ah  |
|                        | Alternate Power  | Alternate power 700 W   | Alternate power<br>700 W   |
|                        | Min no of 12 V connections for medical devises in patient's compartment                      | 2   | 2  |
|                        | Min number of 220V AC power supply connections for medical devises in patient compartment    | 2   | 2  |
| Environment<br>Testing | Environment Testing Compliance   | Flammability Test as per IS 15061:2002 (as applicable), Interior fitting compliance as per AIS-047 established. Air Conditioning and Heating performance test (clause 4.5.4 as per AIS 125 Pt I) Compliance Acceleration test. (Clause 4.2.1 per AIS 125 Pt I and IS:11851-2002). Water Proofing Test Compliance (IS:11865-1995) Dust | Flammability Test as per IS 15061:2002 (as applicable), Interior fitting compliance as per AIS-047 established. Air Conditioning and Heating performance test (clause 4.5.4 as per AIS 125 Pt I) Compliance Acceleration test. (Clause 4.2.1 per AIS 125 Pt I and IS:11851-2002). Water Proofing Test Compliance (IS:11865-1995) Dust Ingress Test (IS: 11739-1997) Compliance |

|               |                                       | Ingress Test (IS: 11739-  |                             |
|---------------|---------------------------------------|---------------------------|-----------------------------|
|               |                                       | 1997) Compliance          |                             |
|               | Additional feature for COVID 19       | Partition between         | Partition between driver    |
|               | Ambulance                             | driver and patient        | and patient compartment     |
|               |                                       | compartment               |                             |
|               | Warranty Time                         | 36 Months                 | 36 Months                   |
|               | Warranty Distance (or warranty        | 300000 Kilometer          | 300000 Kilometer            |
|               | time, whichever earlier)              |                           |                             |
|               | Battery Warranty                      | 12 Months                 | 12 Months                   |
|               | No. of free service during            | 6                         | 6                           |
|               | warranty                              |                           |                             |
| Certification | Applicable GSR 287 (E), Central       | Compliance to AIS 125     | Compliance to AIS 125 (Part |
|               | Motor Vehicle (4 <sup>th</sup> Amend) | (Part I) : Constructional | I): Constructional and      |
|               | Rules, 2015 and Ambulance             | and Functional            | Functional Requirements     |
|               | CODE (Latest)                         | Requirements for Road     | for Road Ambulances with    |
|               | , ,                                   | Ambulances with all       | all amendments till date    |
|               |                                       | amendments till date      |                             |
|               | Certification                         | Complete Vehicle          | Complete Vehicle            |
|               | Vehicle Certification                 | ARAI                      | ARAI                        |

SECTION-VI Annexure-II

# LIST OF EQUIPMENTS AND MEDICINES AS WELL DRESSING MATERIALS TO BE PROVIDED WITH ALL 60 AMBULANCES

| S. No. | Equipment  | Quantity |
|--------|--|----------|
| 1.     | Main automatic loading stretcher (length 1900mm-1970mm, width 530 mm to 570 mm with loading capacity of 150 kg) conforming to AIS-125 standard   | 1        |
| 2.     | Scoop stretcher (lightweight aluminum stretcher, length 1600 mm-2000 mm, width- minimum 42 cms, loading capacity- minimum 150 kgs) conforming to AIS-125 standard  | 1        |
| 3.     | Vacuum mattress (length 1900 mm - 1970 mm, width 530 mm to 570 mm with loading capacity of minimum 150 kg) conforming to AIS-125 standard  | 1        |
| 4.     | Long spinal board (with head immobilizer & securing straps and plastic material at high strength, should be waterproof & conforming to AIS-125 standard  | 1        |
| 5.     | Set of fractures/splints made of mouldable metal or alloy (aluminum)- sizes for both children & adults and for hand & wrist, half arm, full arm, foot and ankle, half leg, full leg (all splints should be washable and reusable)                                      | 2 each   |
| 6.     | Cervical collar for both kids & adults (should have pre-molded chin support, locking dips and rear ventilation panel and an enlarged trachea opening, should have high density polyethylene and foam padding, should be X-ray lucent and easy to clean and dis-infect) | 2 each   |
| 7.     | KED extrication device   | 1        |
| 8.     | Stationary oxygen- Minimum 2 Nos. of 10 L water capacity cylinders at maximum 150 kgf/cm2 filling pressure manufactured as per IS:7285 & certified by chief controller of explosives, Nagpur along with 3/8 bull nose valve as per IS:3224                             | 2        |
| 9.     | Portable oxygen - Minimum 1 Nos. of 2.2 L water capacity cylinders at maximum 150 kgf/cm2 filling pressure manufactured as per IS:7285 & certified by chief controller of explosives, Nagpur along with 3/8 bull nose valve as per IS:3224                             | 1        |
| 10.    | Manual resuscitator with oxygen inlet and mask   | 1        |
| 11.    | Airways (nasopharyngeal airways of size 6.5 mm, 7.5 mm, 7 mm, 8.5 mm & 8 mm & oropharyngeal of size 0, 1, 2, 3 & 4)  | 2 each   |
| 12.    | Electric portable suction aspirator with air flow of at least 30 L/min and vacuum level of at least 600 mm Hg (ISO 10079-1-1999)   | 1        |
| 13.    | Manual portable suction aspirator conforming to AIS Standards  | 1        |
| 14.    | Suction Catheter (12 & 16)   | 2 each   |
| 15.    | Laryngeal mask airway (for both kids & adults)   | 2 each   |

| 16.        | Infusion solutions, Litre  | 2   |
|------------|--|-----|
| 17.        | Equipment for injections and infusions set (IV Sets)   | 2   |
| 18.        | Infusion mounting  | 2   |
| 19.        | Tourniquet (as per prescribed standard)  | 1   |
| 20.        | Automatic External Defibrillator with ability to deliver shock up to   | 1   |
|            | 200 joules through biphasic technology; should also consist of an  |     |
|            | audio alarm  |     |
| 21.        | Nebulizer conforming to (as per prescribed standard)   | 1   |
| 22.        | Manual B.P Monitor (cuff size:10 cm - 66cm)  | 1   |
| 23.        | Portable Automatic B.P., heart rate & saturation monitor   | 1   |
| 24.        | Oximeter of ISO 9919 standards   | 1   |
| 25.        | Stethoscope conforming to IS 3391: 1965  | 1   |
| 26.        | Thermometer ( min: 28 degrees to 42 degrees Celsius)   | 1   |
| 27.<br>28. | Device for blood sugar determination  Diagnostic Light   | 1   |
| 29.        | Blanket  |     |
| 30.        | Non woven stretcher sheet  | 1   |
| 31.        | Kidney bowl  | 1   |
| 32.        | Vomiting bag   | 1   |
| 33.        | Non-glass urine bottle   | 1   |
| 34.        | Waste bag  | 1   |
| 35.        | Bed pan  | 1   |
| 36.        | Sharps container   | 1   |
| 37.        | Sterile surgical gloves, pairs   | 5   |
| 38.        | Non- sterile gloves for single use   | 100 |
| 39.        | Basic protective clothing include high visibility reflective jacket  | 3   |
| 40.        | Safety/debris gloves   | 3   |
| 41.        | Safety shoes   | 3   |
| 42.        | Safety helmet  | 3   |
| 43.        | Personal protection equipment against infection including  | 3   |
|            | disinfectants  |     |
| 44.        | Fire extinguishers (minimum 2 kgs) complying with IS:15683:2018  | 2   |
| 45.        | Hammer   | 1   |
| 46.        | Shovel   | 1   |
| 47.        | Hydraulic Cutter/Spreader  | 1   |
| 48.        | Warning Triangle Lights  | 4   |
| 49.        | Spotlight  | 1   |
| 50.        | Public addressal system  Two way radio transceiver or better technology for  | 1   |
| 51.        |  | 1   |
| 1          | •  |     |
|            | mobile communication with highway surveillance team, tow away  | •   |
| 52         | mobile communication with highway surveillance team, tow away crane & control room   | ·   |
| 52.        | mobile communication with highway surveillance team, tow away crane & control room  Internal phone within patient compartment for communication with   | 1   |
|            | mobile communication with highway surveillance team, tow away crane & control room  Internal phone within patient compartment for communication with driver  | 1   |
| 52.<br>53. | mobile communication with highway surveillance team, tow away crane & control room  Internal phone within patient compartment for communication with driver  Automated vehicle tracking system with GPS technology for   | ·   |
| 53.        | mobile communication with highway surveillance team, tow away crane & control room  Internal phone within patient compartment for communication with driver  Automated vehicle tracking system with GPS technology for continuous tracking of vehicle location | 1   |
|            | mobile communication with highway surveillance team, tow away crane & control room  Internal phone within patient compartment for communication with driver  Automated vehicle tracking system with GPS technology for   | 1   |

• List of medicines & dressing material to be carried in rescue ambulance at all times:

| S. No. | Medicines & Dressing Material                      | Quantity |
|--------|--|----------|
| 1.     | Band- Aids   | 20       |
| 2.     | BETADINE SOLUTION 500ml (bottle)                   | 1        |
| 3.     | Cotton roll 500 gm                                 | 1        |
| 4.     | Crape bandage 15cm x 4mtr                          | 2        |
| 5.     | Crape bandage 7 cm x 4 mtr                         | 2        |
| 6.     | DRESSING PAD 10CM X10 CM (pre-sterilized)          | 10       |
| 7.     | DRESSING PAD 10CM X 20 CM (pre-sterilized)         | 10       |
| 8.     | Elasto plast (dyna plaster) 10 cm                  | 2        |
| 9.     | Gauge cloth 80 cm x 18 mtr                         | 1        |
| 10.    | Gauge rolls 4 "                                    | 1        |
| 11.    | Gauge rolls 6"                                     | 1        |
| 12.    | Plain bandage of various sizes                     | 3        |
| 13.    | HYDROGEN PEROXIDE 400ML (bottle)                   | 1        |
| 14.    | Micropore tape 2", 4"                              | 2        |
| 15.    | SURGICAL SPIRIT BOTTLE 500ML (bottle)              | 1        |
| 16.    | Glucose 100 gm                                     | 2        |
| 17.    | I V FLUID DEXTROSE 25% (bottle)                    | 5        |
| 18.    | I V FLUID NORMAL SALINE (bottle)                   | 10       |
| 19.    | I V FLUID RINGER (RL) (bottle)                     | 10       |
| 20.    | I V FLUID 5% GNS (bottle)                          | 5        |
| 21.    | Inj adrenaline 1 ml                                | 5        |
| 22.    | Asthalin - neubilizing solution                    | 5        |
| 23.    | Inj atropine 1 ml                                  | 20       |
| 24.    | Inj avil 2 ml                                      | 5        |
| 25.    | Budesonide - neubilizing solution                  | 5        |
| 26.    | Inj distilled water 5 ml                           | 5        |
| 27.    | Inj dizazepam 2ml                                  | 5        |
| 28.    | Inj hydrocortisone 100 mg                          | 5        |
| 29.    | Inj lasix 2 ml                                     | 5        |
| 30.    | Inj paracitamol 2ml                                | 5        |
| 31.    | Inj rantidine 2ml                                  | 5        |
| 32.    | Inj tramadol 2 ml                                  | 5        |
| 33.    | Inj tranexaminic acid                              | 4        |
| 34.    | In neostigmine                                     | 4        |
| 35.    | Inj haemaccel                                      | 2        |
| 36.    | Inj mannitol                                       | 5        |
| 37.    | Inj sodabicarb 7.5%                                | 5        |
| 38.    | Inj metaclopromide                                 | 5        |
| 39.    | Inj phenytoin                                      | 5        |
| 40.    | Inj hyosymine bromide or dicyclomine hydrochloride | 5        |

| 41. | Inj methargin                                    | 5  |
|-----|--|----|
| 42. | Ors 4.20gm                                       | 10 |
| 43. | SYP ANTACID ANAESTHETIC GEL (bottle)             | 1  |
| 44. | SYP PARACITAMOL 60ML (bottle)                    | 1  |
| 45. | TAB ACTIVATED CHARCOAL (strip)                   | 1  |
| 46. | TAB CLOPIDOGREL (strip)                          | 1  |
| 47. | TAB DISPRIN/ASPRIN (strip)                       | 1  |
| 48. | TAB PARACETAMOL (strip)                          | 1  |
| 49. | TAB ISOSORBRITE DINITRATE 5MG SUBLINGUAL (strip) | 1  |
| 50. | XYLOCAINE (WOCAINE GEL) 2% 30GM JELLY (tube)     | 1  |