

MORMUGAO PORT AUTHORITY
ENGINEERING MECHANICAL DEPARTMENT

NOTICE INVITING BUDGETARY QUOTATIONS

Name of Work	Budgetary Quotation for " Hiring of 02 nos. Ambulances with AC for a period of 05 years at Mormugao Port Authority. "
Date of submission of budgetary quotation	On or before 20.11.2023 at 12.00 hrs
Address for communication:	Executive Engineer (P&D), Office of Chief Mechanical Engineer, Engineering Mechanical Dept., Mormugao Port Authority, A.O. Bldg, Headland Sada, Mormugao, Goa – 403804.
Contact Details	Phone :0832-2594227/17/12 Email : xeng.mpa@gmail.com
Website	https://www.mptgoa.gov.in/

Bidders are requested to submit their Budgetary Quotations as per enclosed format at **ANNEXURE – I & II**, to enable us to arrive an estimated cost for tendering.

Budgetary Quotation should be addressed to the "Executive Engineer (P&D)", Mormugao Port Authority, 2nd floor, AO building, Headland- Sada, Mormugao, 403804.

Executive Engineer (P&D),
MORMUGAO PORT AUTHORITY

SCOPE OF WORK

1. GENERAL:

Mormugao Port Authority (MPA) intends to invite Budgetary Quotations for **"Hiring of 02 nos. Ambulances with AC for a period of 05 years at Mormugao Port Authority"** for operating on round the clock duty at MPA Hospital. The interested bidder should offer their budgetary quotations for 2 different categories of ambulances as per the price schedule (Bill of Quantities) indicated at Annexure-I (PART A & PART B). The interested Bidder shall also indicate the details of ambulances which he/she is going to supply as per Annexure-II.

2. SPECIFICATION & REQUIREMENTS IN 1 NO. AMBULANCE (CATEGORY-1)

A. Model/Make and construction of Ambulance

- (i) The Ambulance being supplied shall be factory built of an integrated panel van in monocoque construction in compliance of Automotive Industry Standards (AIS) 125 norms for constructional and functional requirements for Road Ambulance (National Ambulance code)
- (ii) Wheel base of the Ambulance shall be approximately not less than 3200 mm.
- (iii) Overall Length :- 4940 mm Minimum
- (iv) Overall Width : 1905 mm Minimum (at the floor level)
- (v) Overall Height :- 2500 mm Minimum

B. The Patient Cabin/Compartment:-

- (i) Dimension of patient cabin/compartment should be in compliance of Automotive Industry Standards (AIS) 125 norms for constructional and functional requirements for Road Ambulance (National Ambulance code)]
Ground Clearance: - 190 mm Maximum, should not be very high. Patient, Attender, Nurse and Doctors should be able to conveniently enter. Height makes it very difficult to enter the Ambulance.
- (ii) All the devices, equipments, accessories and consumables etc. Should be loaded to position the patient's head forward in the ambulance.
- (iii) The interiors should have reinforced fixtures for holding medical, communication and extrication equipments. Partition wall between patient & driver cabin with sliding glass window having lock.
- (iv) The partition wall between Driver Cabin and Patient Compartment with a communication sliding window with hazy glass to windows. The complete interior paneling of the side walls both sides of the partition wall between patient cabin and driver cabin, roof & back door panels should be edgeless and suitable for easy cleaning/ scientific fumigation/treatment of disinfectants.

- (v) Provision for putting curtains in the Patient Compartment Windows.

C. Internal Storage Compartments:

- (i) The storing consoles/exclusive cabinets behind driver partition and overhead RH Hatrack cabinet with ample space to be provided for storing Medical equipments and consumables viz. the emergency medicines, B.P. Apparatus, torch, syringes, needles, suction catheters etc.
- (ii) All equipments required for a set procedure shall be stored in a specified location. Essential equipment for use outside the ambulance shall be accessible via normally used door. All the equipments shall be securely and safely stored to prevent damage or injury whilst the ambulance is in motion.
- (iii) All the sliding as well as open-able doors should be provided with self-locking locks.
- (iv) The locks should have integrated flushed handles for firm grip to open the sliders and the doors.
- (v) All the vertical flap doors with opening towards the topside should be latched using pneumatic lifters.

D. Patient Compartment Accessories:

- (i) Collapsible wheel stretcher (FACTORY BUILT) of minimum size of length 200 cms + 5 cms x width 59 cms + 5 cms for carrying patient directly inside/outside the ambulance with necessary arrangement. The stretcher should maintain propped up position as when positioning if required. The rolling stretcher cum trolley shall be Standard Auto Loading. The Trolley should have side railing which can be removed –straps for strapping Patient to Trolley.
- (ii) Squad bench for paramedical staff /relatives for at least 3-4 to be provided on the co-driver side in the patient cabin. It should be of box type & folding arrangement & will provide adequate storage space beneath the seat to accommodate equipment viz. bedpan, kidney tray and long size splints.
- (iii) A separate seat for doctor/nursing staff seat (EMT/Dr.) with cushion and backrest behind the driver's seat to be provided. All seat frames, surfaces and upholstery should be designed to facilitate cleaning and disinfection. Upholstery should be nonabsorbent, washable and impervious to disinfectants.
- (iv) AC & DC inputs points shall be provided for operating essential medical equipment like ECG, Cardiac monitor, suction apparatus etc., in the Patient Compartment/Cabin.
- (v) LED lights of minimum 14 watts shall be provided in patient area for good illumination.
- (vi) Suitable bracket with multiple sliding hooks for holding intravenous infusion bottles shall be provided on the roof of the ambulance. In addition self-locking arrangement shall be provided in order to prevent swinging of the infusion bottles while in motion. Similar railing on roof with loops to hold for personnel in patient Compartment (hand hold hanger).

- (vii) Standard make Suction apparatus to be provided which should be simple to operate either by foot, hand or knee to clear patient's airway safely and efficiently, anytime. The device should be complete with aspiration pump, suction vessel and over spill protection. The device must have integrated built in lead batteries allowing minimum 1 hour autonomous operation. The unit should be supplied with its own wall fixture to rigidly fix the unit to the ambulance wall which should be manufactured as an original equipment accessory by the manufacturer.
- (viii) Suitable hand rail with pipe support shall be provided at the side of seat near entrance.
- (ix) Frosted glass of minimum 50% shall be provided to all windows in the patient area. In addition curtains shall be also provided to all windows.
- (x) The sign 'AMBULANCE' & 'ON MPA DUTY' shall be painted boldly in front and either side of the ambulance.
- (xi) Revolving light with siren / flasher with wailing horn should be provided on top of the Ambulance.
- (xii) Ambulance shall be provided with air conditioner of suitable capacity
- (xiii) Revolving fan of adequate size and capacity shall be provided in addition to Air conditioner.
- (xiv) There should be a full width rear footstep entry allowing easy entry and exit from the patient compartment.
- (xv) Patient Transport & Immobilization Equipment like spine board and Evacuation Chair Foldable / Wheel Chair should be provided.
- (xvi) Oxygen, MAIN supply and installation should be provided.
- (xvii) Refilling of Oxygen cylinders will be done by MPA hospital.
- (xviii) Fire extinguisher of suitable type/size and capacity.
- (xix) Closed dustbin, wash basin, small clock.

E. Oxygen System:

- (i) The ambulance shall have medical oxygen system capable of storing minimum 02 nos. of 07 m³ capacity oxygen cylinders fastened to a loading platform, should rigidly fix the cylinders in position ensuring safe all the time while the ambulance is in motion.
- (ii) Provision for replacement of empty cylinders from outside the ambulance.
- (iii) The outlet of the high pressure regulator should be connected to the terminal outlet block inside the patient's compartment using low pressure flexible medical gas hose in compliance of colour code specific to oxygen.
- (iv) The patient compartment must have an oxygen distribution block having at least two oxygen outlets, connected in parallel through one common feeding port.

F. Ambulance specifications

Type	Basic life support
Stretcher	Standard – Auto loading
Oxygen delivery system	Yes- Analog type
Attendant Seat	3 or 4 Seater
Medical cabinet with lock	Yes
Dustbins	2
EMT Seat/Doctor Seat	Yes- 1 No.
Provision for Oxygen cylinder	Provision for 2 "B" Type
Bar light and PA System	Yes
Branding	As per AIS 125 Part 1 Basic life support Decal
Wash basin	No
Inverter fabrication	FRP/ABS
Hat Rack	Yes
Blinkers and focus light	Yes
Invertor	Yes
AC and DC points	Provision for AC & DC input points inside the patient cabin for Medical Equipment
External charging point	Yes
Partition wall between Drivers and patient	Yes with a communication window
Seating Capacity	6 + P / 7 + P / 8 + P / 10 + P

G. Additional Requirement

- (i) Electric suction
- (ii) Longer holding straps (overhead)
- (iii) Extra handle near the door, which will fold upon itself.
- (iv) All equipment drawers with similar locking system without the need of key.
- (v) Lower foot step for patients entry (should be less or equal to 190 mm)
- (vi) Provision of 2 sets of clamps for storing one extra oxygen cylinder in the patient's cabin.

3. SPECIFICATION & REQUIREMENTS IN 1 NO. AMBULANCE (CATEGORY-2)

Basic Ambulance Specifications

DIMENSIONS	AMBULANCE
Length (mm)	3675
Width (mm)	1475
Height (mm) (Excluding Top Light)	1930 (Un-laden)
Wheelbase (mm)	2350
CAPACITIES	
Seating Capacity	3+1 (Patient)
COMFORT	
Air Conditioner	Yes
Sliding Driver Seat	Yes
Integrated Headrests – Front Row	Yes
INSTRUMENT PANEL & CONSOLE	

12 V Accessories Socket	Yes
INTERIOR	
Molded Rubber Matting in Rear Cabin	Yes
EXTERIOR	
Partly Frosted Rear Side Windows	Yes
Partly Frosted Back Door Window	Yes
SAFETY & SECURITY	
Child Lock for Sliding Door & Windows	Yes
Seat Belts for all Seats	Yes
FACILITIES ON BOARD	
AC	Yes
Revolving Roof Lamp	Yes
Siren	Yes
Public Address System (Amplifier, Mike & Speaker)	Yes
Two LED Lights inside Rear Cabin for illuminated	Yes
Stretcher Assembly (Mono block Stretcher)	Yes
Attendant's Seat	Yes
Space for First Aid & Nursing Kit	Yes
Oxygen Cylinder (medium size 1.5 m ³) secured with 2 sets of clamps with regulator connection	Yes
Hook for Infusion Mounting	Yes
Rubber Matting in Rear Cabin	Yes

- In compliance with AIS 125 – **National Ambulance Code Type 'B'**.
- The sign 'AMBULANCE' & 'ON MPA DUTY' shall be painted boldly in front and either side of the ambulance.

4. Requirements in both Ambulances:

- (i) The Ambulances being supplied shall be brand new of suitable model.
- (ii) The number plate of the Ambulances shall be as per Motor vehicles Act/ Rules/ R.T.O. guidelines
- (iii) The Ambulances shall have all the required permits for plying in the states of Goa, Maharashtra and Karnataka, with valid fitness certificates, Registration Certificate (RC), Road tax paid certificate, comprehensive insurance (covering all risks of Drivers and passengers traveling in the Ambulances and third party liability), Pollution Under Control (PUC) certificate, etc, as per regulations as stipulated by Motor Vehicles Act/ Rules, RTO, Govt. of Goa and the Drivers of ambulances shall have valid driving license and badge suitable for driving Ambulance. The ambulances shall be registered in Goa.
- (iv) The contractor shall submit Health Permit from the Directorate of Health Services, Govt. of Goa, once the work order is issued to him but prior to the Ambulances is deployed for the work.

4. TIMINGS / USAGE

- (i) The service conditions for 02 nos. Ambulances shall be 1500 kms per month per Ambulance and minimum charges per month shall be paid at the contracted rate. Extra kms. as applicable exceeding the prescribed limit in a month shall be paid at the contracted rates.
- (ii) The Ambulances shall be operated on round the clock duty (24x7) and shall report on all days irrespective of Saturdays, Sundays and Holidays without any additional charges.
- (iii) The unused kilometers upto 200 kms. in any month will be carried forward and adjusted in the subsequent three months against the respective Ambulance at the same rates. All the decisions of the user official of MPA Hospital in this regard shall be binding upon the contractor.
- (iv) The Ambulances on hire will be the property of the contractor but will remain in premises of MPA Hospital for round the clock operation (24 hrs.) basis for entire contract period.

5. OBLIGATIONS OF THE CONTRACTOR

- (i) The Ambulances shall be supplied along with fuel and experienced drivers.
- (ii) The contractor shall not engage the drivers below 18 years of age and ensure that a minimum of 2 number of drivers are posted on each ambulance. However, it is the responsibility of the contractor to also ensure compliance with the Statutory Authorities' Guidelines and applicable Act/Rule/Law in force for arriving at the number of drivers to be posted on the Ambulances.
- (iii) The Drivers of the ambulances will be given a Lunch/dinner break of 30 minutes as per convenience of Controlling/User officer.
- (iv) The rates quoted shall include the charges towards manning, fuel, lubricants, consumables, repair/maintenance, salary of personnel deployed, uniform, insurance, payment to Statutory Authorities (ESIC, EPF, etc) and all other expenses and inclusive of all taxes, except GST.
- (v) Contractor shall be responsible to pay all taxes, charges and duties prescribed for operation of the ambulances within the state of Goa.
- (vi) The ambulances will be used within the state of Goa. However, on occasions it may be used to go to neighbouring states. FASTag recharge shall be carried out by the contractor and sufficient balance should be maintained by him at all times for the purpose. Payment of tax towards Interstate travel (Maharashtra & Karnataka) shall be paid by the contractor in advance. Parking, Toll, ferry charges and interstate travel charges will be paid by MPA extra at actuals on certification by the user/controlling officer.

- (vii) The ambulances shall be deployed as and when required by the User Official (MPA Hospital). The drivers with the ambulances shall report to User Official (MPA Hospital) and the same shall be considered as the starting point for commencement of trips.
- (viii) The ambulances deployed shall have valid Comprehensive motor insurance, covering all the risks for liability of life of passengers and the driver travelling in the ambulances including third party liability insurance. The ambulances supplied under the Contract shall be insured fully against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery, in accordance. The Contractor shall insure with the General Insurance Corporation of India or any other insurance company approved by IRDA or its branches in appropriate Indian currency, if any, subject to the conditions that the premium will be payable to the corporation in Rupees. This insurance should also cover all riot risks.
- (ix) The contractor has to provide round the clock manning. Contractor shall maintain 100% availability of both the ambulances after adjusting scheduled periodical maintenance. During maintenance and/or breakdown of any ambulance, alternate ambulance of similar capacity shall be deployed at his/her own cost and risk.
- (x) The Contractor shall have to obtain Port entry pass for the Ambulances and drivers at his own cost for operating inside the Port area during the contract period as per applicable Scale of rates.
- (xi) Each driver shall be provided with minimum of 3 sets of uniform (shirts and trousers) of appropriate size for daily usage and always report for duty in uniform, complying with guidelines of medical department/MPA, Motor vehicles Act/ Rules/ R.T.O. guidelines, with proper shave and haircut.
- (xii) Fuel price variation if any will be paid to Contractor
- (xiii) R.T.O. & Health Department formalities related to the ambulance shall be carried out by the contractor at his/ her own cost and completed in all respects.

Executive Engineer (P&D),
MORMUGAO PORT AUTHORITY

ANNEXURE – I (PART A)

BUDGETARY QUOTATION
PRICE SCHEDULE (BILL OF QUANTITIES)

Budgetary Quotation for "Hiring of 02 no. Ambulances with AC for a period of 05 years at Mormugao Port Authority."

CATEGORY-1 AMBULANCE (1 NO.)

I (Monthly Charges)

Sr. No.	Description of Work	Unit	Unit Rate/Month (in Rs.)		GST%
			In Figure	In Words	
1	Minimum Charges payable upto 1500 kms for round the clock duty (24x7) for 1 no. ambulance (category-1) per month.	month			

II (Rate per Additional Kilometer)

Sr. No.	Description of Work	Unit	Unit Rate/Km (in Rs.)		GST %
			In Figure	In Words	
2	Rate per km. exceeding 1500 kms in a month for Ambulance (category-1).	Km			

III (Mileage)

Sr. No.	Description of Work	Unit	In Figure	In Words
3	Average mileage of the Ambulance (category-1)	Km/ litre		

Note:

- (i) The rates quoted above shall be exclusive of GST. The bidder shall indicate the applicable GST rate. The GST element, if any shall not be considered for comparison.
- (ii) The budgetary quotation shall be valid for a period of 120 days.

BIDDER'S SIGN WITH SEAL

Place:

Date:

ANNEXURE – I (PART B)

BUDGETARY QUOTATION
PRICE SCHEDULE (BILL OF QUANTITIES)

Budgetary Quotation for "Hiring of 02 no. Ambulances with AC for a period of 05 years at Mormugao Port Authority."

CATEGORY-2 AMBULANCE (1 NO.)

I (Monthly Charges)

Sr. No.	Description of Work	Unit	Unit Rate/Month (in Rs.)		GST%
			In Figure	In Words	
1	Minimum Charges payable upto 1500 kms for round the clock duty (24x7) for 1 no. ambulance (category-2) per month.	month			

II (Rate per Additional Kilometer)

Sr. No.	Description of Work	Unit	Unit Rate/Km (in Rs.)		GST %
			In Figure	In Words	
1	Rate per km. exceeding 1500 kms in a month for Ambulance (category-2).	Km			

III (Mileage)

Sr. No.	Description of Work	Unit	In Figure	In Words
1	Average mileage of the Ambulance (category-2)	Km/ litre		

Note:

- (i) The rates quoted above shall be exclusive of GST. The bidder shall indicate the applicable GST rate. The GST element, if any shall not be considered for comparison.
- (ii) The budgetary quotation shall be valid for a period of 120 days.

BIDDER'S SIGN WITH SEAL

Place:

Date:

ANNEXURE-II

TECHNICAL DETAILS OF AMBULANCE

Description	Details of Ambulance to be supplied on hire	
	CATEGORY 1	CATEGORY 2
Brand / Model/ Make		
Power (HP)		
Gross weight (Kg)		
Engine Capacity (cc)		
Length in mm		
Width in mm		
Height in mm		
Wheel base in mm		
Lead time/ waiting period for supply/delivery of Ambulance.		

BIDDER'S SIGN WITH SEAL

Place:

Date: