

JAMMU AND KASHMIR MEDICAL SUPPLIES CORPORATION LTD.

(Public Sector Undertaking of the Government of Jammu and Kashmir) Corporate Head Office: Corporate Head Office: Plot No. 58, Friends Colony Satyam Road Trikuta Nagar Jammu Corporate Office: Kashmir, Near Haj House, Bernina 190018, Srinagar

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CORRIGENDUM

Subject: E-bid for the finalization of Rate Contract for the Procurement of "Critical Care Ambulances" under World Bank Project.

In light of the decisions taken by the technical experts on the basis of representations made by the prospective bidders and the discussions held in the Pre-bid meeting, the amendments/incorporations have been made in the Tender Document for the procurement of "Critical Care Ambulance" uploaded under Jhelum & Tawi Flood Recovery Project (World Bank Project) vide NIT No. JKMSCL/MACH/2020/455 dated 16.03.2021. The Amended specifications are attached herewith as Annexure "A"

Please Note:

- 1. Those firms/bidders who have already uploaded his/her bid are required to reuploaded their bids as per the revised BOQ, amendments and corrigendum
- 2. The representations received after the pre-bid meeting shall not be considered.
- 3. The bidders shall ensure that all the documents as asked in the NIT along with the Authorizations, Compliance, Catalogues, list of quoted items and Quality Certification are required to be uploaded in the e.bid. The model and make of each of the equipment should be clearly mentioned in the compliance sheet. No documents shall be asked separately and entertained after the opening of e.bid. However, any clarification, if required regarding the uploaded documents may be asked from the bidders.

Clarifications:

- Certifications: If, there is no certifying authority for the medical equipment as per AIS 125 part -II, the certifications sought in respect of the specific medical equipment in the NIT shall be sufficient. However, JKMSCL shall be at liberty to seek any specific tests from reputed testing agaecnies, if any diaparity arises or by constituting committees for the same.
- B. <u>Authorization</u>: A single OEM may authorise more than one bidders provided he himself is not a bidder and does not have conflict of interest as per the NIT terms and Conditions.
- C. The bidders are required to furnish the Authorization of the Special Equipments only. However for the basic Equipments & consumables, the bidders are required to furnish the Model, Make, catalogues and required certifications.

D. Uniform tax i.e GST on the HSN code of the Critical Care Ambulance as applicable shall be considered for evaluation and arriving at L1

Accordingly, the critical dates have been extended as under:

Last date and time for submission of online bids : 05.04.2021 upto 11.00 A.M Date and time for online opening of technical bids : 05.04.2021 at 03.00 P.M

All the bidders are requested to keep themselves updated & submit their e-bids through e-portal <u>www.jktenders.gov.in</u> as per specifications & BOQs. The amendments/modifications shall be available on <u>www.jktenders.gov.in</u>, and <u>www.jkmsclbusiness.com</u>.

Encl <u>O</u> Lvs

No.: JKMSCL/Corg/2021/ Hdo-24

Copy for information to the:-

1. Chief Executive Officer, ERA/JTFRP, J&K

2. Managing Director, JKMSCL.

3. General Manager-K (P&S, I.T), JKMSCL.

4. Asstt Prog. JKMSCL to upload amendment(s) on the portal.

5. File

B. EQUIPMENTS SPECIFICATIONS

(ALL MEDICAL DEVICES (SPECIAL EQUIPMENT MENTIONED HEREIN) SHOULD ADDRESS AIS -125 (PART 2) DEFINED MECHANICL STRENGTH REQUIREMENTS

SPECIAL EQUIPMENTS

S.No	Name of the Specifications Equipment	Specifications		Specifications	
1	Defibrillator cum Multi Paramonitor Patient Monitor Qty Required: 01 nos	 Unit should be lightweight compact and portable (not Exceeding 6.5 kg -7 kg) Should have screen size of atleast 8.4 inches. Unit should have facility for Automatic External Defibrillation and manual defibrillation & External pacing. Should be able to deliver shock from 5J to 200J in steps in biphasic mode. Should have an inbuilt Thermal recorder. Should have battery backup for 50 discharges of200J. Should have adult and pediatric paddles integrated on same handle. Should have ECG inputs through paddles or ECG lead cables. Should have facility for adult, pediatric and neonatal patient monitoring. Should be Modular having 5 lead ECG, SPO2, NIBP, Respiration rate, Temperature and ETCO2. Should be provided battery backup for minimum two hours. Accessories bucket should be provided. Should have facility to add 2 X IBP, if required in future. USFDA /European CE approved model should be offered. Should be offered with Reusable ECG 5 Lead Wire - 05 Nos. & Disposable AED Pads - 10 Nos Adult, 10 nos Paeditrics & Pacing Lead - 02 nos. Pulse Oximeter probe: Reusable Adult - 5 nos, Reusable Pediatric anos & Disposable neonatal - 03 nos. ECG Cable -5 nos. NIBP Cuff's: Adult, Pediatric & Neonatal - Each 02 nos. Temperature Skin & Rectal probes - Each 2 nos. ETCO2 Disposable Accessories for monitoring of atleast 10 patients. Note: Those interested in quoting defibrillator and multi para 			
		monitor separately necessarily needs to match respective requirements individually.			
2 :		1) Must be user-friendly with simple menu driven operation 2) Must have flow rate programmable from 0.1 to 1200ml/hr			
	O4 1 1 00	 Should accept standard disposable syringe(550ml) Automatic detection of syringe size and proper fixing. Must 			
	_	provide alarm for wrong loading of syringe. Selectable occlusion pressure trigger level Low, Medium High to allow use over a range of applications.			

		6) Should have comprehensive package including a 1
		 6) Should have comprehensive package including occlusion pressure, pre-alarm and alarm, end of infusion alarm, low battery pre alarm and alarm, maintenance reminder alarm, near empty alarm, syringe disengaged alarm, etc. (with high sensitivity). 7) Battery backup o 6-8 hours or more when fully charged with provision to display residual battery life in hours and minutes. 8) History / memory for at least last few patients with alarm clock records. 9) Comprehensive safety check, with dear alarm messages. 10) AC mains (100 - 240V) and battery powered. 11) USFDA. /European CE approved model should be offered.
3	Transport Ventilator Qty required – 01	Should be light weight (less than 4 kg.), robust (drop and Ventilator water resist) and user friendly. Time-cycled, Volume & Pressure controlled Ventilator, suitable for adults, children and infant above 2 kg.
-	nos.	Microprocessor controlled, electrically driven ventilator, provided with integrated battery for atleast 4 hours backup. Display Screen Size 4 inches or more.
		Types of Ventilation: Volume & Pressure.
		Modes of ventilation
		1) CMV – Pressure, Volume
		2) Assist Control – Pressure, Volume
		3) SIMV – Pressure, Volume.
		4) NIV – Pressure Supported
		5) PEEP facility
		6) Separate control for inspiratory, expiratory Hold, Manual
		Ventilation, flow rate auto adjustable. Monitoring Waveform: Pressure-Paw & Insp Flow.
		/) Adjustable pressure limit to safely cope with all nations
		8) Low/High inflation pressure/Volume/Frequency alarm
•		9) Pneumatic Source: Compressed air / oxygen 10) Control Settings:
		a). Tidal Volume, b). Insp. Pressure c) Adjustable Inspirator.
		time: 0.5 - 5 Sec with above controls one should be able to
		denver I:E ratio from 2:1 to 1:5.
		11) F102: Adjustable from 40% to 100% oxygen. 12) Should deliver Tidal Volume of 20-2000ml.
		13) Equipment should be complete with carry bag, patient circuit
		(Adult -3 nos Reusable, Pediatric – 5 nos disposable.
		Neonatal – 5 no disposable) and relief value, pressure regulator for attaching portable oxygen cylinder.
		14) Should have airway pressure monitor
		15) Should have a disconnect alarm. (Visual and audible)
4	Suction	16) USFDA. /European CE approved model should be offered.
,	Pump	1) Equipment shall be with 12V DC/AC Maximum negative pressure from -200 -800 m bar in steps of 100 or less with suitable
	(Electronic)	setting marks.
		2) Sufficient capacity 500 ml secretion bottles with efficient over-
		flow protected with adjustable negative pressure (Min. 5 Nos. Polycarbonate & autoclave able)
		3) Ambulance Wall/Floor mountable.
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	1 02	

			4) Power Pack rechargeable Nicd/Lithium Pottom, 12 M
-	5.	Trolley Stretcher-	chargers connecting cable for connection to 230 v AC+ 10%, 50 Hz and with provision for recharging from the vehicle with vehicle circuit connecting cable. 5) Battery charged life shall be of min. 90 minutes 6) Suction capacity 30 litre per minutes 1) Automatic collapsible loading stretcher.
		with back tilt facility and collapsible wheels for uploading into the trolley	 2) Built with anodized aluminum lightweight /stainless steel. 3) Adjustable back rest 0 dg -90 dg which allows to fix the back rest safety in any position. 4) Side protections completely overturnable/foldable. 5) Safety lever for the legs positioned near the unlocking device allowing thus the release operation for the loading, keeping the hands on the stretcher. 6) Vertical legs protected by nylon wedges.
	•		Automatic centering device mounted on rotating wheels. This system automatically blocks the back wheels in the central position during the loading of the stretcher on the ambulance without having turn the wheels manually.
			Length; 190-200 cm
			Width: 55-60cm
			Height: 80-85cm
			Weight 35-40 kg
			Loading Capacity: upto 180kg.
			Stand for automatic loading stretcher with locking facility for quick fixing system with handle to mount the stand in very position on the stretcher.
6	5	Stretcher Scoop	 The equipment shall be lightweight aluminum stretcher, which folds in two half and separates for application and removal, locking adjustable length with latches-with nylon- straps Narrow foot end frame for handling in confined areas. Length: 160 to 200cms Width: 42 cm (Minimum)
			Weight: < 10 kg.
7		Spinal Board	Load capacity -120 kg (Min.) 1) Should be in plastic material of high strength and
			 Water proof. It should be easy to use for the quick and total fixing of the head Immobilizer and two cavities when the board lays on the Floor, when the base is blocked in the traditional way that allow to avoid damages to rip-off straps during the usage or accommodation in the ambulance. It should be supplied with 3 belts with rapid unhooking buckle in all three belts. Should have radio transparency to make radiological examinations/x-rays without removing the patient from the board. Length: 180 - 190cm; Breadth: 40 - 48cm; Height: 5 to 7cm. Weight: <8 kg; load: upto 120kgs.
-		01	



<u>Basic Equipment</u>: Manufacturers Authorization excluded for open market items, however Make, Model & Catalogue should be provided for evaluating technical compliance

S. No	Name of the Specifications Equipment	Specifications	
1	Oxygen cylinder "D" Type	It should be a standard, D' type molybdenum steel cylinder to fill medical oxygen. 2) The standard of type molybdenum steel cylinder to fill medical oxygen.	
	Qty required – 02 nos.	 2) The capacity should be of 5000 to 6000 Liters (5 to 6 M³) at a pressure of 1800 -2000 Lbs/inch². 3) A pressure regulator/flow meter capable of reducing the pressure to appropriate level to run either a ventilator or provide oxygen therapy 	
2.	Oxygen cylinder "B" Type	 Colour coded light weight. Aluminum alloy oxygen cylinder for providing oxygen therapy of total capacity of 1500Ltr. Mounted with pressure reducer and flow-meter provision of capacity up to 15 Litres per minutes and outlet for secretion aspiration. Reliable and complete test certificate. Should be provided with an adapter to refill the cylinder from a bulk cylinder. Should be membrane pressure reducer with manometer complete with flow meter 0-15 litres /min. and humidifier 	
2	Suction Pump	Hand Operated	
3	Laryngoscope with blades	 Standard equipment in metal with 3 standard size curved blades and one extra large blade (Adult &Child). Handle should have comfortable grip. Good quality light source (Fibre optic/conventional) 	
5	Artificial Manual Breathing Unit (Adult)	The equipment shall be with: 1) Easy Grip manual resuscitator with transparent face - mask. 2) Adult models (1500 to 2000ml bag capacity) 3) Standard 15-22 mm Swivel connector allows connections to all common masks/endotracheal Tubes. 4) Provision to give supplemented oxygen-by-oxygen reservoir providing 100% oxygen. 5) Non-rebreathing valve enabling the patient to inspire oxygen from the reservoir bag.	
1		The equipment shall be with: 1) Easy Grip manual resuscitator with transport facemask. 2) Child models (250 to 500ml bag capacity) 3) Standard 15-22 mm Swivel connector allows connections to all common masks /Endotracheal Tubes. 4) Provision to give supplemented oxygen by oxygen reservoir providing 100% oxygen. Non-rebreathing valve enabling the patient to Inspire oxygen from the reservoir bag.	
s	tretcher olding	Should be lightweight and made up of tubular aluminum alloy. Should be easy to carry. Weight less than 6kg. Size: 200 to 210 L, 50 to 60cm Width and 15-20cm base level.	

		(A) (1)
		5) Should be rugged.
		6) Should be compact & foldable. 7) Should have automatic leading and into the decrease of 11.
		7) Should have automatic locking, which does not fold in automatically.
8	B.P.	Scale 0-300 mmhg. Air release at closed lap max 4mmHg/Minute.
	Instrument	Manual setting of deflation possible upto 2/3mmHg/s. From 260mmHg
	Aneroid	To 15mm Hg max deflation time 10 seconds. Gauge's background in
		white colour.
		Graduated scale for ever/2mmhg, with bigger notches ungraduated
		every 10 units and bigger graduated every 20 units, nylon rip-off straps
		cuff matching colours with pouch, latex bulb with completely chromium plated valve. Air taps wholly chromium plated with
		regulation of vent-hole air by screw valve. Nylon off pouch with zip
9	Stethoscope	Stethoscope with standard adult size, chromium plated metal binaural,
250	отетоворе	V rubber tube in one piece. Rotating piper fitting for both functions.
10	Pneumatic Splints	1) X-ray should be possible through the splints
	set of 6 adult sizes	2) Inflatory tubes' extension with dosing clamp makes dosing
	with carrying case	easy and quick after inflation.
	1) Hand &Wrist	3) Fixing of splint is by zipper or belt4) Distal end left open to expose toes
	2) Halfarm	5) Should be washable and reusable
	3) Fullarm 4) Foot andankle	6) Material shall be neoprene rubber.
	5) Halfleg	, and the state of the province the state of
	6) Fullleg	
11	Emergency	Emergency scissors with thermoplastic handle and steel blade to cut
• •	scissors/Gauze Cutter	clothes.
		Length should be 18 cm.
12	Artery Forceps	Standard equipment in stainless steel 14 cm
13	Magilis forceps	Standard equipment in stainless steel.
	1	Adult, Child and Pediatric.
14	Cervical Collar	1) Should be adjustable to 4 different sizes.
		2) Should be pre-molded chin support, locking dips and rear ventilation panel, enlarged trachea opening.
		3) Should be high-density polyethylene and foam padding with one
		piece design enables efficient storage where space is limited.
		4) Should be X-ray lucent and easy to clean and disinfect
15	First Aid Bag	The bag should be possible to carry via a shoulder strap and also by
		handles and as a back pack to suit the convenience of the user. It
	,	should be resistant to wear and tear. It should be waterproof. There
		should be space for multiple colour coded pouches which should be
		possible to arrange as relevant to Airway, Breathing, Circulation,
		Disability management and carrying essential Injectable medicine
		vials or fluid. It should not have less than 4 external pockets and not
		less than 5 detachable colour coded compartments / pouches with
		transparent windows to enable user to see the contents without
		opening them. The bags should also have space to safely store used
		needles, blades etc.
		Less than 3kg should sustain minimum 10kg and a minimum 10kg
		Less than 3kg, should sustain minimum 10kg. wt. equipment, medicines

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		and accessories.	
16	Double head Immobilizer for scoop stretcher Immobilizer for scoop stretcher	 Should be of two adult sizes (large and medium) and one paediatric size. Should be with padded belts for the fixing. It should be covered by a liquid proof and bacterial proof material. Should be high density plastic material. 	
17	Portable hand- held Glucometer	The glucometer with test strips and standard accessories (Reputed Make)	
21	Nebulizer (Electric)	With necessary accessories- nebulization mask, tubing and cable cord for nebulizer (Reputed Make).	
22.	Additional Items		
v	 a. Extended upper spinal immobalisation, extrication device or short spinal board. b. Foetaldoppler; portable, hand-held, battery-powered device. Water proof probes of 2MHz, 3MHz and 5 MHz frequency, Ultra sound Intensity (10mw/cm2, Auto Shut Off Facility to save Battery Power, Built-in Speaker, Volume Control Facility and Audio Output for Ear Phone, Heart Rate Range should be from 50 to 210 bpm with accuracy of + /-2%, Should be Water Proof Body. c. Add pig tail catherter. d. IV Cut down set. 		
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List of Consumables

S. No.	Medicine	Quantity
1	Inj. Adrenaline	05 Amp.
2	Inj. Atroine	10 Amp.
3	Inj. Calcium Carbonate	05 Amp.
4	Inj. Dopamine	05 Amp.
5	Inj. Oobutamine	05 Amp.
6	Inj. Noradenaline	05 Amp.
7	Inj. Nitroglycerine	05 Amp.
8	Inj. Sodium Bicarbonate	10 Amp.
9	Inj. Hydrocortisone Sodium Succinate	10 Amp.
10	Inhaler Beclomethasone (250 micro/	02 Amp.
11	(dose)	
11	Inhaler Salbutamol (200 micrograms)	05 Amp.
12	Inj. Fursemide	05 Amp.
13	Inj. Diazepam/ Midazolam	05 Amp.
14	Inj. Deriphyllin	10 Amp.
15	Inj. Phenytoin Sodium	05 Amp.
16	Inj. Chlorpheniramine Maleate	05 Amp.
17	Inj. Metochlopropamide	10 Amp.
18	Inj. Ondansetrone	10 Amp.
19	Inj. KCL	05 Amp.
20	Inj. Lignocaine 2%	05 Amp.
21	Inj. Amiadarone (50 mo/ml)	05 Amp.
22	Inj. Magnesium Sulphate 25% 2 ml	05 Amp.
23	Inj. Mannitol 20%	05 Amp.
24	Inj. Morphine/ Inj. Pethidine	05 Amp.
25	Inj. Noradrenaline bititrate 4 mg, 2 ml.	05 Amp.
26	Ampule	
26	Activated charcoal	50 Tab.
27	Inj. Naloxone HC1	05 Amp.
28	Inj. Fentanyl	05 Amp.
29 30	Bacteriostatic water for Injection	20 Amp.
30	Inj. Sodium Valporate	05 Amp.

	1 Inj. Veveran	N5 Amn
3	2 Inj. Paracetamol	05 Amp.
3	3 Inj. Lignocaine	05 Amp. 05 Amp.
3	4 Inj. Propanolol	05 Amp.
3	5 Inj. Oxytocin	05 Amp.
3	6 Inj. Magnesium Sulphate	05 Amp.
3	7 Inj. Ranitidine	05 Amp.
3	8 Inj. Metaclopramide	05 Amp.
39	Inj. Ondensetron	05 Amp.
40	Inj. Amoxycillin	05 Amp.
4	Inj. Busopcan	05 Amp.
42	Plasma Expander	
43		Refer Sr. No. 72
44	Bandag (a) 15 cm (b) 10 cm (c) 6 cm	2 Rolls – 1 Kg each 10 Piece each
45	Savlon	
46		2 Liters (Prepaired, Ready to use
47	1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =	2 rolls each
48	Pain Spray	1 I I I I I I I I I I I I I I I I I I I
49	Mistress Spray	
50	Vinodien Śpray	1
51	Coolex Spray	1
52	Face Mask (Disposable)	5
53	Surgical Gloves	6½, 7, 7½ - 5 pair each
54	LMA disposable	1 set
55	Wide bore needles	2
56	Disposable L.P. Needles	2
57	Syringes ABG (2& 5 ml)	10
58	Three way slop code	2
59	Extension 1 A/lines	
60	Disposable suction pumps (Cavity	2
	Drainage)	1
61	ECG electrodes	2
62	Stylets for Endotracheal Tube of differen	11 2
- (2	I SIZES	
63	Guedle's airway 00-5,00,0,1,2,3,4,5	1
64	Nasal airways (all sizes) & catheters	1 set
65	Binasal Cannula, Combitube, COPA	l each all sizes
66	Tracheostomy tube cuff & plain (All	l each all sizes
- 77	(SIZES)	l cachi all sizes
67	Mini Tracheostomy Kit	1
68	Ventimask, facemask with nebulizer	1 Set
69	Pressure Infusion Bags	
70	Right angled Swivel Connector	2
71	G.V. Paint	200 ml
	IV Fluids	
72		Plasma Expander (Hemacil)- 5, Ringer's Lactate-5, 5%
		dExtrose-5, N Salinin - 5
73	Micro drip-set & Dip-set	10
74	Nasogastic Tubes	2
	Bum Pack: Standard package, clean burn	2
75	sheets (or	-
	towels for children)	_
76	Triangular bandages (Minimum 2 safety	5
	pins	
	Dressing: Sterile multi-trauma dressing	1 pack each
	(various large and small sizes); ABDs,	
7 7	10"x12" or larger 4"	
	gauze sponges; Cotton rolls	
78	Gauze rolls Sterile (various size)	l pack each
79	Elastic bandages Non-sterile (various	1 pack each
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	R/	
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	size)	
80	Occlusive dressing Sterile 3'x8" or larger	1 pack each
81	Adhesive tane: Various sizes (including	2 rolls of each size
	2" or 3") Adhesive tape (hypoallergenic) Various sizes (including 2" 3)	2 10110 01 04011 5120
- 02	Adhesive tape (hypoallergenic)	
82 83	Various sizes (including 2" 3)	2
	Waste bin for Sharp needles, etc.	1
84	Disposable bags for vomiting, etc	10
85	Teeth Guard	2
86	Simple Collection kits	1
87	Micron drip set	2 Pack
88	Plastic / metallic urinal	1
89	Kidney trays	1
90	Hand Sanitizers	1
91	Volumetric Infusion Device	To be read as deleted
92	Adhesive Plaster for fixing materials	02 nos.
93	Thorax drainage kit	1 no
94	Catheters triple lumen.	1 no
95	Materials for treatment of burns and corrosives	1 pack (no)
96	thyroidotomy set	01 no
97	Sharps Container	01 no
98	Emergency Delivery Kit	1 no
99	Waste Bag	5 no each colour
100	Non woven Stretcher sheet	02 no.
101	Inj. Etomidate	05 amp
102	l - · · · · · ·	05 amp
103	Inj. Heparin/Enoxiparin	05 amp
104	· · · · · · · · · · · · · · · · · · ·	05 amp
105		10 tabs
106		10 tabs
107		10 tabs
		05 amp
108	titl. L. Vitat	UJ anny
		05 amp

Rescue Equipment for ALS ambulance

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

- a) Hammer, one four pound with 15 inch handle.
- b) One axe
- c) Wrecking Bar, minimum 24-inch (bar and 1 w preceding items can either be separate or combined as a forcible entry tool).
- d) Crowbar, minimum 48 inches, with pinch point.
- e) Fire extinguisher (Carbon dioxide based, portable)
- f) Basic protective clothing including high visibility reflective jacket or tabard 2 no
- g) Safety/Debris Gloves, pair 2 no.
- h) Safety shoes, pair 2 no
- i) Safety Helmet 2 no.
- j) Seat belt cutter 1 no.
- k) Warning triangle lights 2 no.
- l) Spotlight 1 no.
- m) Internal communication between driver and patient compartment.

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