

**PUBLIC PROCUREMENT REGULATORY**  
**AUTHORITY (PPRA)**  
**CONTRACT AWARD PROFORMA – I**

**To Be Filled And Uploaded on PPRA Website In Respect of All**  
**Public Contracts of Works, Services and Goods**

- NAME OF THE ORGANIZATION/DEPTT. **Pakistan Civil Aviation Authority**
- FEDERAL / PROVINCIAL GOVT. **Federal Govt. (Autonomous)**
- TITLE OF CONTRACT **PROCUREMENT OF MEDICAL EQUIPMENTS & FABRICATION OF AMBULANCE (AS BLS STANDARD) HELD AT GWADAR**
- TENDER NUMBER **HQCAA/1984/160/XXLA**
- BRIEF DESCRIPTION OF CONTRACT **PROCUREMENT OF MEDICAL EQUIPMENTS & FABRICATION OF AMBULANCE (AS BLS STANDARD) HELD AT GWADAR**
- TENDER VALUE **Rs.1,000/-**
- ENGINEER'S ESTIMATE \_\_\_\_\_ N/A \_\_\_\_\_  
(for civil Works only)
- ESTIMATED COMPLETION PERIOD **90 Days**
- WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN? **Yes** Yes / No
- ADVERTISEMENT :
- (i) PPRA Website **Yes ( TS-489844E) dated 09-09-2022** Yes / No  
(Federal Agencies) (If yes give date and PPRA's tender number)
- (ii) News Papers **NIL** Yes / No  
(If yes give names of newspapers and dates)
- TENDER OPENED ON (DATE & TIME **28-09-2022 11:30**
- NATURE OF PURCHASE **Local** Local / International
- EXTENSION IN DUE DATE (If any) **No** Yes / No

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➤ NUMBER OF TENDER DOCUMENTS SOLD           **ONE (01)**            
(Attach list of Buyers) (**ANNEXURE-A**)

➤ WHETHER QUALIFICATION CRITERIA  
WAS INCLUDED IN BIDDING/TENDER DOCUMENTS           **Yes**           Yes / No  
(If yes enclose a copy). (**ANNEXURE-B**)

➤ WHETHER BID EVALUATION CRITERIA  
WAS INCLUDED IN BIDDING/TENDER DOCUMENTS           **Yes**           Yes / No  
(If yes enclose a copy). (**ANNEXURE-C**)

➤ WHICH METHOD OF PROCUREMENT WAS USED: - (Tick one)

a) SINGLE STAGE – ONE ENVELOPE PROCEDURE \_\_\_\_\_

b) SINGLE STAGE - TWO ENVELOPE PROCEDURE. \_\_\_\_\_

c) TWO STAGE BIDDING PROCEDURE. \_\_\_\_\_

d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE. \_\_\_\_\_

- PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS  
ADOPTED WITH BRIEF REASONS (i.e EMERGENCY, DIRECT  
CONTRACTING, NEGOTIATED TENDERING ETC.)

- WHO IS THE APPROVING AUTHORITY           **D. Human Resources**          

➤ WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED  
FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING.

➤ NUMBER OF BIDS RECEIVED           **ONE (01)**          

➤ WHETHER THE SUCCESSFUL BIDDER WAS LOWEST BIDDER           **Yes**           Yes/ No

➤ WHETHER INTEGRITY PACT WAS SIGNED           **No**           Yes / No

**PUBLIC PROCUREMENT REGULATORY**  
**AUTHORITY (PPRA)**

**CONTRACT AWARD PROFORMA – II**

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**Public Contracts of Works, Services & Goods**

- NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS  
**ONE (1)**
  
- NAME AND ADDRESS OF THE SUCCESSFUL BIDDER\_ **M/s. AHMED MEDIX (PVT) LTD**  
**ADDRESS: B-1-14 SECTOR B-6 MEHRAN TOWN KORNAGI, INDUSTRIAL AREA KARACHI.**
  
- RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT  
(i.e. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> EVALUATED BID). **01<sup>st</sup> MOST ADVANTAGEOUS BIDDER**
  
- NEED ANALYSIS (Why the procurement was necessary?) **FOR GWADAR**  
—
  
- IN CASE EXTENSION WAS MADE IN RESPONSE TIME, WHAT WERE THE  
REASONS (Briefly describe). **N/A**

➤ WHETHER NAMES OF THE BIDDERS AND THEIR PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS Yes Yes / No

➤ DATE OF CONTRACT SIGNING 03-02-2023  
(Attach a copy of agreement) (ANNEXURE-D)

➤ CONTRACT AWARD PRICE Rs. 3,012,750/-

➤ WHETHER COPY OF EVALUATION REPORT GIVEN TO ALL BIDDERS Yes Yes / No  
(Attach copy of the bid evaluation report) (ANNEXURE-E)

➤ ANY COMPLAINTS RECEIVED No Yes / No  
(If yes result thereof)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

➤ ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE/DOCUMENTS No Yes / No  
(If yes give details)

➤ DEVIATION FROM QUALIFICATION CRITERIA No Yes / No  
(If yes give details)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

➤ SPECIAL CONDITIONS, IF Any  
(Give Brief Description)

N/A  
\_\_\_\_\_  
\_\_\_\_\_



IT NO. HQCAA/1984/160/XXLA

**PROCUREMENT OF BLS MEDICAL EQUIPMENT & FABRICATION OF  
AMBULANCE HELD AT GAWADAR AIRPORT**


DATE OF BID OPENING: 28-09-2022

**FOLLOWING FIRMS PURCHASED THE BIDDING DOCUMENTS**

S/NO	NAME OF SUPPLIERS	DATE OF BID PURCHASED	HABIB METRO DEPOSIT SLIP NO. AND DATE	BID FEE RS.	FIRMS PARTICIPATE
1.	M/s. Ahmed Medix (Pvt) Ltd.	22-09-22	12736970	1000/-	ok
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

PPRA TENDER NO. TS-489844 -E

## ANNEXURE-B

		PAKISTAN CIVIL AVIATION AUTHORITY (PCAA) <b>INVITATION TO BID</b>				
Sealed bids (in accordance with <b>PPRA Rule No. 36(b)</b> ) are invited by below mentioned office for the following requirements in Pak Rs.:-						
S.No	Description & IT No.	Tender Fee (Rs.)	Bid Security %	Bid Submission Date/Time	Bid Opening Date/Time/Place	Basis PKR (Price)
1.	Procurement for BLS Medical Equipment for Ambulance <b>No. HQCAA/1984/160/XXLA</b>	1000/-	Total Rs.72,500/-	28-09-2022 11.00 Hours (strict)	28-09-2022 11.30 Hours (strict) Log. Centre South	F.O.R
<p>Bids may be submitted as per conditions set out in Bidding documents obtainable from under mentioned office through request letter which must be attached with proofs of Active Taxpayer, GST/NTN certificates, professional tax certificate of the bidder and authorized agent/partnership/dealership certificate of original equipment manufacturer of medical items. Bid documents can be received on <b>any working day between 0900 Hrs to 1300 Hrs</b> by paying Tender Fee (non-refundable) in Account No. 6-01-02-20614-714-115525 through bank challan in Habib Metropolitan Bank Ltd. Star Gate Branch, Karachi or Pay order <b>(for out of city firms)</b> in favour of CAA. <b>No Bid Documents would be issued on the Bid opening date.</b> Bids must be dropped in Tender Box placed at under mentioned office by or before due date as per schedule. Time period for performance of contract: Till the satisfactory completion of contract and warranty period. PCAA reserves the right to accept/reject any or all bids due to cogent reasons which will be communicated to bidders on request. This advertisement is also available on PPRA website at <a href="http://www.ppra.org.pk">www.ppra.org.pk</a>, and CAA website <a href="http://www.caapakistan.com.pk">www.caapakistan.com.pk</a>.</p> <p><b>Warning:</b> Any financial instrument submitted by bidder, if found fake or got dishonored at any stage would result in blacklisting and legal action as per law.</p> <p style="text-align: center;"><b>Additional Director, Logistics (APS),</b>  <b>Log. Center (South), HQs Civil Aviation Authority, JIAP Karachi. Tel:9907-2689</b></p>						

ANNEXURE - C

**CIVIL AVIATION AUTHORITY**  
**INVITATION TO TENDER**  
**(SUPPLY OF EQUIPMENT/STORES)**  
**(LOCAL / FOREIGN)**



TENDER NUMBER 1627	DATE	BASIS FOR
P.R.NO. 2229	QUOTATION REQUIRED BY	TENDER TO OPEN AT/ABOUT
SUPPLIER'S ADDRESS	DATE ON: 2022/09/28 11:00:00	DATE ON: 2022/09/28 11:30:00
VALIDITY OF OFFER 180 Days	DELIVERY PERIOD 90 Days	TERMS ENCLOSED*

Tender Description : Procurement of BLS Medical Equipment & Fabrication of Ambulance I.T.NO.HQCAA/1984/160/XXLA

**SCHEDULE OF EQUIPMENT/STORES**

S.NO.	Item Code	DESCRIPTION	UOM	Quantity	Unit Price	Total Price	Rebate
1	R-003-0765	Basic Life Saving Ambulatory Equipment/ Accessories (detail specification attached at Annexure-A comprising of 5-pages)	EACH	1			
2	Services	Rehabilitation / Fabrication of Ambulance as BLS Standard (detail specification attached at Annexure-A comprising of 5-pages)	EACH	1			

Note:-

- a) Bidders are requested to read carefully and abide by the General Terms and Conditions printed on the reverse of I/T Form.
- b) Sample of contract is attached with bidding documents. Price quoted should be inclusive of all applicable taxes but excluding SST.
- c) For submission of bid please follow single stage two envelope procedure as per PPRA Rule-2004 clause 36 (b).
- d) Technical Literature/Brochure must be attached. If any query may kindly be addressed to OI/C Medical Services.

TENDER'S (SUPPLIER)		GRAND TOTAL
SIGNATURE	REF	
NAME	DATE	
	TELEPHONE	
		SIGNATURE OF ISSUING OFFICER

To be submitted with Financial Offer

\* Lowest bidder shall be declared on the basis of package price i.e. total cost of all items. All bidders must quote all items.

**CIVIL AVIATION AUTHORITY**  
**INVITATION TO TENDER**  
**(SUPPLY OF EQUIPMENT/STORES)**  
**(LOCAL / FOREIGN)**



TENDER NUMBER 1627	DATE	BASIS FOR
P.R.NO. 2229	QUOTATION REQUIRED BY	TENDER TO OPEN AT/ABOUT
SUPPLIER'S ADDRESS	DATE ON: 2022/09/28 11:00:00	DATE ON: 2022/09/28 11:30:00
VALIDITY OF OFFER 180 Days	DELIVERY PERIOD 90 Days	TERMS ENCLOSED*

Tender Description : Procurement of BLS Medical Equipment & Fabrication of Ambulance I.T.NO.HQCAA/1984/160/XXLA

**SCHEDULE OF EQUIPMENT/STORES**

S.NO.	Item Code	DESCRIPTION	UOM	Quantity	Unit Price	Total Price	Rebate
1	R-003-0765	Basic Life Saving Ambulatory Equipment/ Accessories (detail specification attached at Annexure-A comprising of 5-pages)	EACH	1			
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Note:-

- Bidders are requested to read carefully and abide by the General Terms and Conditions printed on the reverse of I/T Form.
- Sample of contract is attached with bidding documents. Price quoted should be inclusive of all applicable taxes but excluding SST.
- For submission of bid please follow single stage two envelope procedure as per PPRA Rule-2004 clause 36 (b).
- Technical Literature/Brochure must be attached. If any query may kindly be addressed to OI/C Medical Services.

<b>TENDER'S (SUPPLIER)</b>		<b>GRAND TOTAL</b>
SIGNATURE	REF	
NAME	DATE	<b>SIGNATURE OF ISSUING OFFICER</b>
	TELEPHONE	

**To be submitted with Technical Offer**

\* Lowest bidder shall be declared on the basis of package price i.e. total cost of all items. All bidders must quote all items.



9AF

**SPECIFICATIONS FOR FABRICATION OF BLS AMBULANCE WITH EQUIPMENT**

PATIENT COMPARTMENT, EQUIPMENT AND ACCESSORIES	Marks	Marks Obtained
<b>Window Glasses</b>		
Patient compartment, 2/3 of glass with high quality opaque imported vinyl	2	2
<b>Outside Design</b>		
Reflecting tapes and words Ambulance on front and rear sides, name of institution on back, right & left sides of vehicle written with reflecting vinyl	2	2
<b>Floor</b>		
Made of water and termite proof half inch thick ply-wood. The floor would be carpeted with flexible, non slip, non- standing, and water proof and washable special Vinyl covering at-least 2mm thick in a single piece flooring. All side gaps would be sealed with silicon. Special hard points must be created for installation of chair,	3	3
<b>Partition Wall</b>		
Partition wall between the driver and patient compartment would be made of FG/ ABS sheet fixed with steel brackets to side walls. A small window would be given in between the driver and patient compartment with a built-in place with glass for	2	2
<b>Ceiling</b>		
Made of ABS/ FG material with internal LED lights, one long grip handle along the length of ceiling made of powder coating properly reinforced and option for holding two IV hooks with anti-swing belts in ceiling or side panel.	3	3
<b>Overhead Cabinet</b>		
One overhead cabinet made of FG material on right side along with full length	2	2
<b>ABS sheets on side walls</b>		
All side walls in patient compartment poshes made of hard board is replaced with washable disinfect able ABS sheets and this is to ensure cleanliness.	2	2
<b>Side Utility Vertical Panel</b>		
Made of ABS/ FG molded material on the right side dedicated O2 system having two outlets, O2 alarm system, O2 cylinder changeover system and one pressure gauge for line pressure. All switches and sockets for 12 V & 220 V, having 220 V	3	3
<b>Electrical Wiring</b>		
All electrical wiring of ambulatory compartment would be of wiring harness system with no joint and taping having all connector system and having a separate fuse box for each operation. All wires would be of 10mm, 8 mm and 6 mm size and would be of fire retardant and high temperature resistant material. There would be a separate maintenance-free battery of 40 amps for ambulatory compartment which is to be	5	5
<b>External &amp; Internal lights &amp; Warning Devices</b>		
Standard flasher type (imported) horizontal red & blue emergency light / LED Flash Light size 1200 mm and PA system with siren/hooter system at least 100 watt output.	3	3
<b>Three to Four Persons Bench</b>		
Made of 3" special polyurethane foam as used in automobile seats with approximate 16" width, made over a storage box open-able in two parts. Heat sealed seat cover of best quality artificial leather, seat belts and cushioned back. One side bar made of	3	3
<b>Oxygen Supply System</b>		
Brand new imported oxygen cylinders of 10 liter (working pressure:150bar, test pressure:250bar, Material:37Mn, wall thickness: 4.1-4.5mm) capacity duly tested, certified and filled by Government approved company with Low oxygen alarm, changeover system and oxygen supply hose made of resilient, reinforced plastics to retain its flexibility in cold & un-crackable in heat up to 65°C with brass sockets and connectors. The pressure regulator (Brass Regulator with British Bullnose and 1 x 9/16" Self Sealing DISS Outlets (No Therapy Flow) of cylinders would be . Oxygen would be delivered through two outlets on the panel and one outlet over the	10	10

Dr. *Muhammad Naveed Shaikh*  
Director (Medical Services)  
GAA, Karachi

Dr. Farooq Muhammad Khan  
Sr. Deputy Director (MS)  
Pakistan Civil Aviation Authority  
HQ GAA

*(Signature)*  
14737

<b>One Person Crew Seat</b>		
One crew seat fixed to the body of the vehicle with waist seat belt at the head end of patient with best quality artificial leather/ fabric.	2	2
<b>Side Cabinet for AED, Patient Monitor and Suction Unit</b>		
Made of completely FG material on right side of the vehicle starting from the end of main cabinet to the full length of right side, one top shelf to accommodate AED, Monitor, Emergency Bag, search lights, all having special brackets; Lower shelf	2	2
<b>Medical Cabinet</b>		
Medical cabinet L Shaped made of high quality non-staining scratch resistant, rust proof, water proof fiber glass/ ABS material. All front doors & drawers having double side finished with self retaining recessed handles handles. All doors having self closable imported surface hinges. Cabinet having three sections.	6	6
<b>4. Oxygen Section:-</b> To accommodate two M.F size O2 cylinders, would have double steel brackets with rubber padding. An internal light with a door switch. Floor of cabinet matted with vinyl flooring.		
<b>5. Wash Basin and Dust Bin:</b> Integrated wash basin with water tap and water reservoir with electric water pump and electric switch for tap. Dust Bin in the cabinet.		
<b>GENERAL MEDICAL EQUIPMENT</b>		
<b>BP Apparatus (FDA/CE Certified)</b>		
One BP apparatus with wall mounted large dial type 5/6" with stethoscope and	2	2
<b>One Folding Stretcher Two Fold CE Certified (FDA/CE Certified)</b>		
Bedding area made of very strong water resistant PVC coated washable orange parachute cloth with on it and special carrying bag made of Parachute and	2	2
<b>Trauma First Aid Bag</b>		
One first aid bag made of strong water resistant PVC coated washable red parachute cloth with yellow reflective strips on it with appropriate placement for and including the following items:- <ul style="list-style-type: none"> <li>➤ Wooden splints (2)</li> <li>➤ Crepe Bandage (4"=01 6"=01)</li> <li>➤ N/Saline 0.9% (01)</li> <li>➤ Pyodine Solution (01)</li> <li>➤ Dressing Scissor (01)</li> <li>➤ Pyodine Powder (01)</li> <li>➤ 4X4 Gauze Pad (04)</li> <li>➤ Sticking 1" (02)</li> </ul>	4	4
<b>Main Automatic Loading Stretcher (FDA/CE Certified)</b>		
Main Stretcher automatic loading type made of aluminum alloy/stainless steel frame with 4+2 loading wheels and adjustable head section. The mattress should be 2" thick with best quality foam, upholstered with best quality washable PVC coated Rexene with pillow with two safety belts and two side guards. Approx. size 6' 3" x 1' 9" (L x	6	6
<b>Suction Apparatus (FDA/CE Certified)</b>		
A rechargeable battery operated portable suction device having free of maintenance vacuum pumps, autoclavable containers equipped with an anti-overflow valve and very effective closure system, internally protected by a techno-polymer body easy to clean, maximum vacuum 600 mmHg, 23 L/min, bacteria filter,	5	5
<b>Nebulizer (FDA/CE Certified)</b>		
Ultrasonic Nebulizer with rechargeable battery.	2	2

Dr. Muhammad Naveed Shah  
 Joint Director (Medical Services)  
 HOCAA, Karachi


Dr. Farooq Muhammad Khan  
 Sr. Deputy Director (MS)  
 Pakistan Civil Aviation Authority  
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14737

<p>For the treatment of the upper and lower respiratory tract</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> For use in colds, asthma, respiratory disease ...</li> <li><input checked="" type="checkbox"/> Can be disinfected</li> <li><input checked="" type="checkbox"/> High nebulization capacity (&gt;0.4 ml/min)</li> <li><input checked="" type="checkbox"/> High proportion of respirable particles</li> <li><input checked="" type="checkbox"/> State of the art medical technology on nebulization through high</li> <li><input checked="" type="checkbox"/> Replacement medication container</li> <li><input checked="" type="checkbox"/> Mains and battery operation -frequent ultrasonic</li> <li><input checked="" type="checkbox"/> Automatic switch</li> <li><input checked="" type="checkbox"/> Accessories: Adult mask, children's mask, extension tube, rechargeable battery,</li> </ul>		
<b>Spine Board with Head Immobilizer (Imported)</b>		
<p>Floatable Spine board that reduces the possibility of contamination during transportation of the patient. High density completely recyclable polyethylene, molded into a unique, one piece shell; this technique guarantees the B-back. The exclusive Spencer Contour head immobilizer has been studied to assure the optimum head immobilization of traumatized patients.</p>	6	6
<b>Bleeding Kit Packed in Kidney Tray</b>		
<p>Bleeding Kit packed in Kidney Tray having following items:-</p> <ul style="list-style-type: none"> <li>➤ Kidney S.S 8" Needle holder (01)</li> <li>➤ Artery Forceps (02)</li> <li>➤ Toothed Forceps (01)</li> <li>➤ Tourniquets (04)</li> <li>➤ Tissue Scissor (01)</li> <li>➤ Sponge Holder (01)</li> <li>➤ Dressing Scissor (01)</li> <li>➤ Crepe Bandages small &amp; large (02 each)</li> <li>➤ Gauze Packs large (04)</li> <li>➤ Catgut 2/0 (05).</li> </ul>	3	3
<b>Amputation Kit in Stainless Steel Tray</b>		
<p>Amputation Kit in Stainless Steel Tray having following items:-</p> <ul style="list-style-type: none"> <li>➤ Saw Cutter (01)</li> <li>➤ Needle holder (01)</li> <li>➤ Artery Forceps (02)</li> <li>➤ Toothed Forceps (01)</li> <li>➤ Tissue Scissor (01)</li> <li>➤ Sponge Holder (01)</li> <li>➤ Dressing Scissor (01)</li> <li>➤ Crepe Bandages small &amp; large (02 each)</li> <li>➤ Gauze Packs large (04)</li> <li>➤ Silk 2/0 &amp; 1 size 2 each with needle</li> <li>➤ Tourniquets (04)</li> <li>➤ Inj. Xylocaine (05)</li> <li>➤ Inj. Sosegon (02)</li> <li>➤ Inj. Dicloran (02)</li> <li>➤ Inj. Maxolon (02)</li> <li>➤ Inj. Distilled Water (04)</li> <li>➤ D / Syringes 5cc &amp; 10cc (05 each)</li> <li>➤ Antiseptic wipes 01 box</li> </ul>	3	3
<b>Hard Carrying Case</b>		
<p>One Resuscitation Hard Carrying Case made of FG material with wall bracket.</p>	3	3

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 14737

Made of strong ABS plastic which is shiny smooth and easy to clean. A neoprene seal is fitted to make them dustproof. A wall bracket secure them on any house wall or booth.

Ambo Bag having special valves which should limit the excessive flow of gas into the patient airway significantly reducing the risk of gastric insufflations by effectively lowering the airway pressure generated. **(Spencer Italy or equivalent)**

- One portable BP apparatus with stethoscope.
- Hand Operated Manual Suction Apparatus.
- Laryngoscope with four curved blades.
- Professional torch.
- Mouth opener.
- Endotracheal tubes (diff) size.
- Airways (diff) sizes.
- Gloves Nichiband.

**Glucometer (FDA/CE Certified)**

Glucometer with 50 strips.

1

1

**Syringe Cutter**

One syringe cutter.

1

1

**Hand Search Light**

Rechargeable LED hand search light.

1

1

**Spot Lamp**

Spot Lamp with flexible neck for patient examination.

1

1

**Back Flood Light**

Back search light, adequate internal lighting for handling the patients at night.

1

1

**I.V Hooks**

Hooks for intravenous infusion set will be placed.

1

1

**Fire Extinguishers**

6 Kg Dry Chemical Powder type fixed with bracket to the side-wall.

1


1

**Trash Box**

Stainless steel with 6-8 liters capacity, attached to the floor and with plastic

1

1

  
 Director (Medical Services)  
 HCC, Islamabad  
 Deputy Director (MS)  
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 14737

AED		
<p>Screen Type: High-resolution display</p> <ol style="list-style-type: none"> <li>2. Screen Size: 5" or more</li> <li>3. Low weight easily carry</li> <li>4. Viewing Time: 4 seconds or less</li> <li>5. Information: Heart Rate, Lead/Pads, Alarm On/Off, SpO2, EtCO2, AED Functions and Prompts, Defibrillator Test Function, Error Corrections and Faults, Pacer Functions, Code Markers, Alarm Selection and Limits, Delivered Energy Defibrillator</li> <li>6. Waveform: Damped sinusoid or Rectilinear Biphasic</li> <li>7. Charge Time: Less than 7 seconds with a new fully charged battery</li> <li>8. Electrode Impedance Measurement: Range: 0-250 ohms</li> <li>9. Built-in Defibrillator Tester Manual</li> <li>10. Energy Selection: Damped Sine: Selectable at 1, 2, 3, 4,5, 6, 7, 8, 9, 10, 15, 20, 30, 50, 75, 100, 150, 200,300, 360 joules</li> <li>11. Synchronized Mode should be available</li> <li>12. Charge Controls: on both paddle and device front panel Semi-Automatic</li> <li>13. AED Function should be available</li> <li>14. Advisory Function should be available</li> <li>15. Shock able Rhythms: Ventricular fibrillation with amplitude &gt;100µV and wide complex ventricular tachycardia with rates greater than 150bpm</li> <li>16. Energy Selection: Automatic, preset shock 1, 2, 3, energy levels—user configurable. Selectable at 200,300, 360 joules mono phasic; 120, 150, 200 joules biphasic. Selected using controls on device front panel ECG Monitoring</li> <li>17. Protection: Fully defibrillator protected. Special circuit prevents distortion of ECG by pace pulse</li> <li>18. Implanted Pacemaker Spike: Dedicated circuitry detects most implanted pacemaker spikes and provides standard display marker of spike on ECG trace</li> <li>19. Lead Selection: Displayed on monitor</li> <li>20. ECG Size: 0.5, 1, 1.5, 2, 3 cm/mV - display on monitor</li> <li>21. Heart Rate: Digital display 0-250 bpm or more Recorder</li> <li>22. Speed: 12.5, 25 mm/sec</li> <li>23. Modes: Manual or automatic -user configurable</li> </ol>	3	3
Patient Monitor		
<ol style="list-style-type: none"> <li>1. 7" to 15" or More Color Touch Screen Display</li> <li>2. Parameters: ECG, NIBP, SpO2, HR, Temperature, Respiration, 2 IBP</li> <li>3. 4 to 8 waveforms displayed in full color</li> <li>4. Configurable layout &amp; Advanced Parameters</li> <li>5. Weight less than 3 kg including batteries</li> <li>6. Freeze Option should be preferable</li> <li>7. Alarm indicator and alarm pause</li> <li>8. Core set of essential parameters</li> <li>9. Integrated recorder</li> <li>10. Rotary knob</li> <li>11. Battery Backup should be 120 minutes or more</li> <li>12. Thermal printer option is preferable</li> <li>12. Accessories: <ul style="list-style-type: none"> <li>• 01 x 03 Lead ECG Cable</li> <li>• 10 x Electrode</li> <li>• 01 x NIBP Extension tube(3m)</li> <li>• 01 x Adult Cuff, 25-35cm, reusable</li> <li>• 01 x Spo2 sensor extension cable(2m)</li> <li>• 01 x SpO2 sensor, reusable</li> <li>• 01 X DC adapter, 18VDC, 2.5A</li> <li>• Temperature probe, Surface / Skin, reusable</li> <li>• 5-lead patient cable</li> <li>• Neonate Cuff</li> <li>• Child Cuff</li> </ul> </li> <li>13. CE approved</li> </ol>	3	3

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*(Signature)*  
 14737

The quoted ambulance has been examined and found in order as per specification through attached catalog and the undersigned's approached to concerned firm for physically examination of ambulance is required before technical evaluation. During examination of ambulance, it is appraised that the said ambulance possesses all the required ambulatory items. General condition of the ambulance is found too good. Hence M/s Ahmed Medix is qualified.

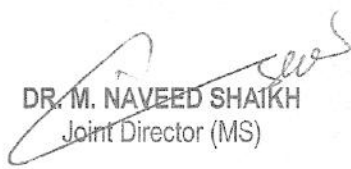


NISAR AHMED KHAN  
Nursing Paramedics

CAA # 14737



DR. FAROOQ MUHAMMAD KHAN  
Sr. Deputy Director

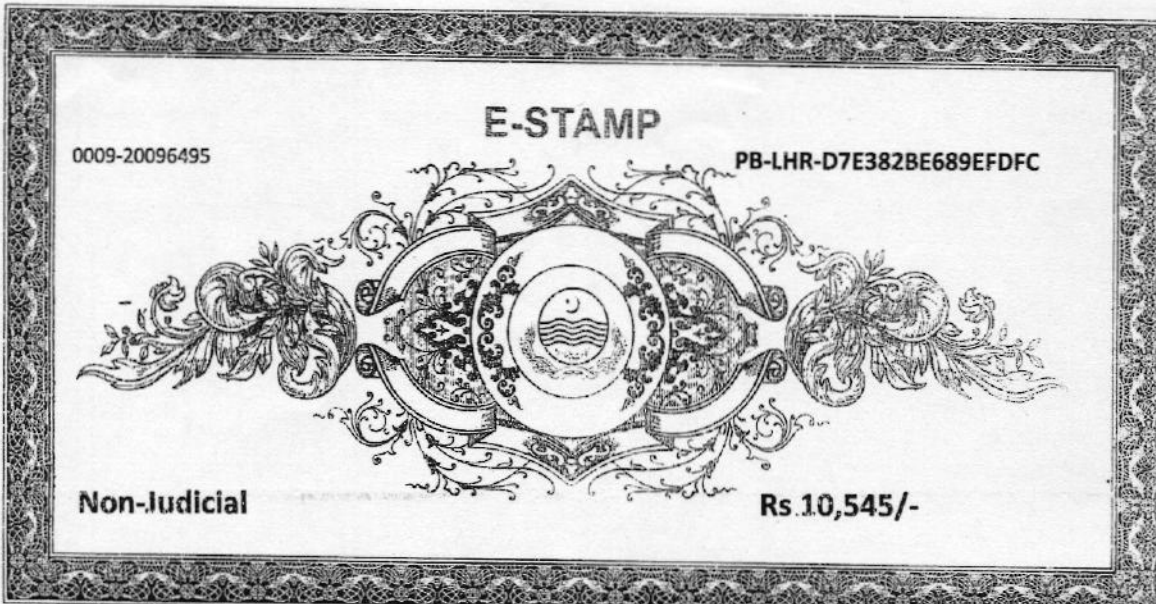
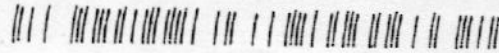


DR. M. NAVEED SHAIKH  
Joint Director (MS)



DR. MUHAMMAD KHURRAM  
Officer Incharge (MS)

P 3 4 3 2 1 3



Description	: CONTRACT - 22A(b)
First Party	: Adeel Ahmad [35202-5354138-3]
Second Party	: Civil Aviation Authority [30000-0000000-0]
Agent	: Allraza [35200-6686663-9]
Stamp Duty Paid by	: Adeel Ahmad [35202-5354138-3]
Issue Date	: 28-Dec-2022, 01:02:24 PM
Paid Through Challan	: 2022507DSA743EBS
Amount in Words	: Ten Thousand Five Hundred and Forty Five Rupees Only

Ms. Rabia  
Contract  
copy for  
PPRA

Please Write Below This Line

**CONTRACT BETWEEN PAKISTAN CIVIL AVIATION AUTHORITY  
AND M/S. AHMAD MEDIX (PVT) LTD HQCAA/1984/160/XXLA  
PROCUREMENT OF MEDICAL EQUIPMENT AND FABRICATION OF  
AMBULANCE (BLS STANDARD) HELD AT GWADAR.**

This contract is made this the 3rd day of Feb two thousand 2023

BETWEEN

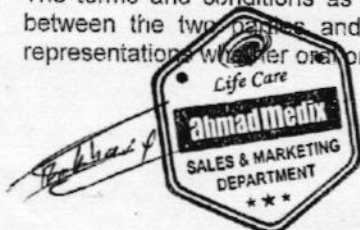
The Pakistan Civil Aviation Authority (PCAA), statutory body established under the Pakistan Civil Aviation Authority Ordinance 1982, with its Head Quarters at Terminal No.1, Jinnah International Airport, Karachi, Pakistan, hereinafter referred to as the "Purchaser" (which term shall include its, authorized representatives and successor in interest) through Director H.R of the First Part;

AND

M/s. Ahmad Medix (Pvt) Ltd, a registered, firm, with its office at, B-1-14 Sector B-6 Mehran Town Korangi, Industrial Karachi, hereinafter, referred to as the "Supplier" (which term shall include its, authorized representatives and successors-in-interest) through Syed Waqar Ahmed Yasir, (Manager Sales) of the other Part.

WHEREAS, it has been agreed that the Purchaser shall purchase and Supplier shall sell the items and or equipment, which shall hereinafter be referred to as "the Stores", particulars and details of which including price, have been given in Annexure "A" to this contract.

The terms and conditions as stipulated in this contract shall constitute the entire agreement between the two parties and shall supersede any previous undertakings, commitments or representations whether oral or written in this regard.



NOW => P/2



Now, therefore, this contract witnessed as under: -

**1(a). DEFINITIONS**

- 1.1 "Consignee" means, O/IC CAA Logistics Centre (South) JIAP Karachi.
- 1.2 "Contract" means the present document signed by Purchaser and Supplier containing the contract terms and conditions together with the Annexure "A" thereto.
- 1.3 "Country of Origin" means the place where goods were manufactured, produced, received, or from which the services are supplied.
- 1.4 "Contract Price" means the price shown in Annex "A" to the contract.
- 1.5 "Equipment/Stores" means "Medical equipment & Fabrications (BLS) and all other items to be supplied by the Supplier in accordance with Annexure "A"
- 1.6 "Inspecting Authority" means the Director H.R Headquarters Civil Aviation Authority, Terminal No. 1, Jinnah International Airport, and Karachi, Pakistan.
- 1.7 "Inspecting Officer" means representative of O/IC Medical Services HQCAA.
- 1.8 "Purchaser" means the Civil Aviation Authority of Pakistan (Headquarters), Terminal No.1, Jinnah International Airport, Karachi-75200, Pakistan.
- 1.9 "Supplier" means M/s. Ahmad Medix (Pvt) Ltd

**1(b) PARTICULARS**

- (a) INDENTOR: O/IC Medical Services.
- (b) INDENT NO: PR 2229 dated 02-09-2022
- (c) CONTRACT NO: HQCAA/1984/160/XXLA  
Dated: 03.02.2023
- (d) SUPPLIER: M/s. Ahmad Medix (Pvt) Ltd
- (e) CONSIGNEE: O/IC Logistic Centre South JIAP Karachi.
- (f) HEAD OF ACCOUNT: ADP Scheme No 1012-A- 019  
F.Y 2022-2023
- (g) SCHEDULE OF STORES: As per attached ANNEXURE "A"
- (h) INSPECTING OFFICER: O/IC Medical Services HQCAA
- (j) INSPECTING AUTHORITY: Director H.R HQCAA  
HQ Civil Aviation Authority,  
Terminal No.1, JIAP, Karachi



DELIVERY ⇒ P/3



2. DELIVERY

- ✓ 2.1. Delivery period shall be commenced after the ambulance is handed over to the supplier by CAA.
- ✓ 2.2. CAA shall hand over the Ambulance to supplier within 30 days after signing of the contract documents.
- ✓ 2.3. The Supplier shall deliver the vehicle alongwith installation and BLS system mentioned in Annexure "A" (Schedule of store) to the consignee within 90 days

3. PERFORMANCE BOND OR SECURITY DEPOSIT

- 3.1 For due, satisfactory and timely supply of the Equipment or Stores, the Supplier shall furnish to Civil Aviation Authority a Performance Bond or Security Deposit of 10% (Ten percent) of the total value of the contract at the time of signing of this contract. The Supplier shall keep the Performance Bond or Security Deposit valid till satisfactory completion of the contract, including the completion of warranty period. This Performance Bond or Security Deposit shall be in shape of: -

(a) Demand Draft or Pay Order in the name of Civil Aviation Authority, Karachi from any scheduled bank of Pakistan.

OR

(b) Bank Guarantee from a bank acceptable to CAA on approved format.

- 3.2 The Supplier shall have no claim against the Purchaser in respect of interest on Security Deposit or depreciation of currency, what so ever.
- 3.3 On satisfactory performance of the contract and completion of warranty period, as applicable the Security Deposit or Performance Bond will be returned to the Supplier.
- 3.4 In case of unsatisfactory performance of the Supplier or in the event of any breach of terms, given in the contract till completion of warranty period, the Purchaser may forfeit the Security Deposit or en-cash the Performance Bond in all or in part as deemed fit and proper by the Purchaser.

4. TERMS OF PAYMENT

- 4.1 The Supplier shall submit original invoice/ bill in triplicate along with Sales Tax Invoice to Additional Director Log (APS) HQ CAA JIAP, Karachi, along with the following documents: -

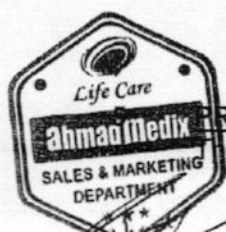
4.1.1 Certified Receipt Voucher (CRV) issued by the Consignee.

4.1.2 A copy of Professional Tax Certificate issued by the Excise and Taxation Office

4.1.3 A copy of National Tax Certificate issued by the Income Tax Department

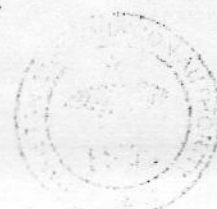
- 4.2 Payments of the stores shall be made within 30 days upon issue of receipt voucher indicating receipt of the store by the purchaser without any discrepancy / defect and submission of bill with complete documents.

- 4.3 The Supplier shall ensure due payments of all the duties and taxes including that of Federal Government or the Provincial Government excluding SST / provincial Service Tax and submit an under taking that all Government taxes for the supply of goods (and allied services if any) have already been paid or submit proof of such payments at the time of submission of bills for payment



PRICE(S)

The prices mentioned in Annex "A", are firm and final.



6. **WARRANTY**

The Supplier shall warranty the Stores for a period of 12 (Months) One Year, from the date of receipt in the Consignee's Warehouse or from the date of installation and commissioning of Equipment, whichever is applicable, against any design or manufacturing defect, bad workmanship or faulty material. In case of any defect, fitment problem or discrepancy of any nature whatsoever, the Supplier shall replace defective Equipment and/ or Store free of cost. In case supplier fails to replace the defective Store and or Equipment within **45** days of intimation by the Purchaser, the Supplier shall refund the cost of the Stores in currency in which received within **15** days, after the above mentioned **45** days, otherwise the Purchaser shall have the right to take action under clause **8** of the contract and/ or forfeit the Performance Bond or Security deposit.

7. **QUALITY OF STORES**

The Supplier shall ensure that the Stores being supplied against this contract are new, unused and conform to the specifications, description given in the Annex "A" and shall be replaced free of cost if found defective on Acceptance Test by the Inspecting Officer, as per clause 10 hereof.

8. **FAILURE AND TERMINATION**

Should the Supplier fail to deliver the Stores/Equipment or any part thereof to the Consignee within the prescribed period or within such extended period as may be agreed in writing by both the parties, the Purchaser shall on expiry of **09 days grace** period be entitled to take either of the following actions:-

8.1 To cancel the contract and/ or forfeit the Security Deposit as per clause 3.4 of this contract after giving seven days' written notice to the Supplier and/ or initiate case for suspension or de-registration of the Supplier from the approved list of CAA suppliers.

OR

8.2 To cancel the contract and or purchase from elsewhere the defective or the un-supplied Stores at the risk and expense of the Supplier, after giving him seven days' written notice. The Supplier shall be liable for any loss, which the Purchaser may sustain on this account, but shall not be entitled to any gain on repurchase.

8.3 In case of non compliance of para 2.2 as mentioned above, supplier has the right to request and terminate the contract, without forfeiture of performance bond.

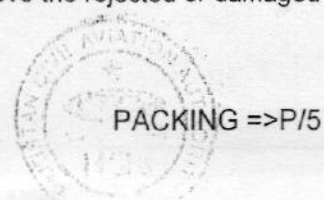
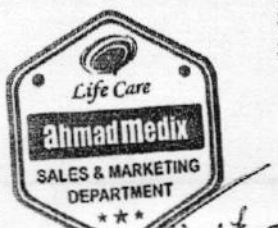
9. **LIQUIDATED DAMAGES**

The Purchaser shall have the right to impose liquidated damages at the rate of two percent (2%) per month of the value of the un-supplied Stores/installation or any part thereof for the period exceeding the delivery period, subject to the provision that the total amount thus levied shall not exceed ten percent (10%) of total Contract value of the un-supplied Stores. The liquidated Damages shall not be imposed if the complete delivery of stores as per Annexure "A" to the contract with incidental services (if any) is accomplished by the supplier within grace period as defined in clause 8 above. L.D shall be applicable on total value of the contract.

10. **INSPECTION**

10.1 An inspection of the Stores be arranged at Consignee's premises (or at the Supplier premises) by Inspecting Officer or his representative to check the quality of the Stores, and the Inspecting Officer will sign or issue the acceptance or rejection certificate.

10.2 Rejected Stores, if left uncollected at the Purchaser i.e., Pakistan Civil Aviation Authority's premises, shall be at the Supplier's risk and expense. Damaged Stores shall not be accepted. The Supplier shall remove the rejected or damaged Stores within 7 days at his expense.



11. **PACKING**

The Stores shall be duly and appropriately packed in original manufacturer packing. No loose Stores shall be accepted at the time of delivery.

12. **SETTLEMENT OF DISPUTES**

In case of any difference or dispute arising between the Purchaser and the Supplier in respect of the interpretation, conduct or performance of any terms & conditions of this contract, the same shall be referred to DG CAA for decision, which shall be final and binding upon both the parties to this contract.

13. **INDEMNITY**

The supplier shall indemnify the purchaser against all third party claims, including claims of infringement of patent, trademark, industrial design rights arising from use of the goods or any part thereof.

14. **FORCE MAJEURE**

No party shall be liable for any failure/delay in performing their obligations due to any cause beyond reasonable control including without limitation, fire, act of public, enemy, war, rebellion, insurrection, fire accident, act of God and act of State or of the judiciary.

15. **CORRESPONDENCE**

All correspondence pertaining to this contract shall be addressed to the Additional Director Logistics APS, HQCAA, JIAP Karachi, for the Purchaser and to the M/s. Ahmad Medix (Pvt) Ltd

16. **AMENDMENTS**

The contract may be amended or modified with the mutual consent and/or agreement in writing by both the parties to the contract.

17. **HSE MANUAL**

CAA HSE Manual shall be duly complied /abide by the supplier.


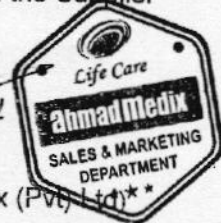
18. **LAW GOVERNING**

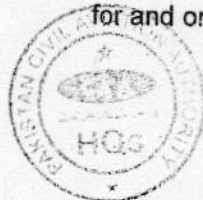
The laws of Pakistan shall govern this contract.

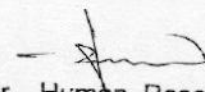
IN WITNESS WHEREOF THE PARTIES HAVE SIGNED THIS AGREEMENT AT KARACHI ON THE DATE MENTIONED ABOVE.

for and on behalf of the Supplier

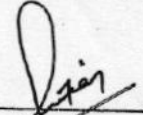

for and on behalf of the Purchaser

  
  
(M/s. Ahmad Medix (Pvt) Ltd)\*\*



  
Director Human Resources

WITNESS

1. 
2. Abdul Rehman CAA 08722 

**Distribution**

1. O/IC CAA Logistics Centre (South) JIAP Karachi 1 Copy
2. Additional Director Disb. HQCAA, JIAP, Karachi 1 Copy
3. O/IC Medical Services HQCAA 1 Copy
4. Fixed Assets & Inv. Control - HQ
- 5. M/s. Ahmad Medix (Pvt) Ltd

Annexure "A" to contract No  
HQCAA/1984/160/XXLA  
Dated 03.02.2023

**SCHEDULE OF STORES**  
**CONTRACT NO: HQCAA /1984/160/XXLA**  
**PROCUREMENT OF MEDICAL EQPT & FABRICATION OF AMBULANCE**  
**(BLS STANDARD) HELD AT GWADAR.**

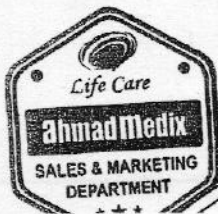
M/s.AhmadMedix (Pvt) Ltd.

S.No.	Description	Qty	Unit Price (Rs.)	Total Price (Rs.)
1.	BASIC LIFE SAVING AMBULATORY EQUIPMENT/ACCESSORIES & REHABILITATION. FABRICATION OF AMBULANCE AS (BLS STANDARD)  (05 PAGES SPECIFICATIONS FOR FABRICATION OF BLS AMBULANCE WITH EQUIPMENT IS ATTACHED AT ANNEXURE B)	Each-01	3,012,750/-	3,012,750/-
Total Price inclusive of GST				3,012,750/-

F.O.R Logistics Centre (S) Karachi

(Rupees: Three Million Twelve Thousand Seven Hundred Fifty Only)

- ✓ Delivery period shall be commenced after ambulance handed over to the supplier by CAA.
- ✓ CAA shall hand over the Ambulance to supplier within 30 days after signing of the contract documents. O/IC Medical Services HQCAA will ensure the availability of Ambulance at Logistic Center South within 30 days after signing contract.
- ✓ The Supplier shall deliver the vehicle alongwith installation and BLS system mentioned in Annexure "A" (Schedule of store) to the consignee within 90 days.
- ✓ CRV shall be prepared after job completion certificate issued by the OIC Medical Services, HQCAA.



**SPECIFICATIONS FOR FABRICATION OF BLS AMBULANCE WITH EQUIPMENT**

**PATIENT COMPARTMENT, EQUIPMENT AND ACCESSORIES**

<b>Window Glasses</b>	
Patient compartment, 2/3 of glass with high quality opaque imported vinyl sticker.	✓ 2
<b>Outside Design</b>	
Reflecting tapes and words Ambulance on front and rear sides, name of institution on back, right & left sides of vehicle written with reflecting vinyl stickers.	2
<b>Floor</b>	
Made of water and termite proof half inch thick ply-wood. The floor would be carpeted with flexible, non slip, non- standing, and water proof and washable special Vinyl covering at-least 2mm hick in a single piece flooring. All side gaps would be sealed with silicon. Special hard points must be created for installation of chair, cabinet and bench etc.	3
<b>Partition Wall</b>	
Partition wall between the driver and patient compartment would be made of FG/ ABS sheet fixed with steel brackets to side walls. A small window would be given in between the driver and patient compartment with a built-in place with glass for communication.	2
<b>Ceiling</b>	
Made of ABS/ FG material with internal LED lights, one long grip handle along the length of ceiling made of powder coating properly reinforced and option for holding two IV hooks with anti-swing belts in ceiling or side panel.	3
<b>Overhead Cabinet</b>	
One overhead cabinet made of FG material on right side along with full length of the vehicle.	2
<b>ABS sheets on side walls</b>	
All side walls in patient compartment poshes made of hard board is replaced with washable disinfect able ABS sheets and this is to ensure cleanliness.	2
<b>Side Utility Vertical Panel</b>	
ade of ABS/ FG molded material on the right side dedicated O2 system having two outlets, O2 alarm system, O2 cylinder changeover system and one pressure gauge for line pressure. All itches and sockets for 12 V & 220 V, having 220 V inverter at the back.	3
<b>Electrical Wiring</b>	
All electrical wiring of ambulatory compartment would be of wiring harness system with no joint and taping having all connector system and having a separate fuse box for each operation. All wires would be of 10mm, 8 mm and 6 mm size and would be of fire retardant and high temperature resistant material. There would be a separate maintenance-free battery of 40 amps for ambulatory compartment which is to be charged through the vehicle generator. There would be a 220 volts inlet	5
<b>External &amp; internal lights &amp; Warning Devices</b>	
Standard flasher type (imported) horizontal red & blue emergency light / LED Flash Light size 1200 mm and PA system with siren/hooter system at least 100 watt output. All external and internal	✓ 3
<b>Three to Four Persons Bench</b>	
Made of 3" special polyurethane foam as used in automobile seats with approximate 16" width, made over a storage box open-able in two parts. Heat sealed seat cover of best quality artificial leather, seat belts and cushioned back. One side bar made of 1" M.S powder coated pipe.	3
<b>Oxygen Supply System</b>	
Brand new imported oxygen cylinders of 10 liter (working pressure:150bar, test pressure:250bar, Material:37Mn, wall thickness: 4.1-4.5mm) capacity duly tested, certified and filled by Government approved company with Low oxygen alarm, changeover system and oxygen supply hose made of resilient, reinforced plastics to retain its flexibility in cold & un-crackable in heat up to 65°C with brass sockets and connectors. The pressure regulator (Brass Regulator with British Bullnose and 1 x 3/16" Self Sealing DISS Outlets (No Therapy Flow) of cylinders would be . Oxygen would be delivered through the	10

SALES & MARKETING DEPARTMENT  
 11/2/2016  
 Page 6

Dr. Mahamud Nawaz Shabbir  
 Joint Director (Medical Services)



<b>One Person Crew Seat</b>	
One crew seat fixed to the body of the vehicle with waist seat belt at the head end of patient with best quality artificial leather/ fabric.	2
<b>Side Cabinet for AED, Patient Monitor and Suction Unit</b>	
Made of completely FG material on right side of the vehicle starting from the end of main cabinet to the full length of right side, one top shelf to accommodate AED, Monitor, Emergency Bag, search lights, all having special brackets; Lower shelf having suction unit, one wired shelf for	2
<b>Medical Cabinet</b>	
Medical cabinet L Shaped made of high quality non-staining scratch resistant, rust proof, water proof fiber glass/ ABS material. All front doors & drawers having double side finished with self retaining recessed handles handles. All doors having self closable imported surface hinges. Cabinet having three sections. 4. Oxygen Section:- To accommodate two M.F size O2 cylinders, would have double steel brackets with rubber padding. An internal light with a door switch. Floor of cabinet matted with vinyl flooring. 5. Wash Basin and Dust Bin: Integrated wash basin with water tap and water reservoir with electric water pump and electric switch for tap. Dust Bin in the cabinet. 6. Drawers Section:- Having 3 to 4 drawers. All drawers made of S/S sheet material. All drawers having special self	6
<b>GENERAL MEDICAL</b>	
<b>BP Apparatus (FDA/CE Certified)</b>	
One BP apparatus with wall mounted large dial type 5/6" with stethoscope and cuffs.	2
<b>One Folding Stretcher Two Fold CE Certified (FDA/CE Certified)</b>	
Bedding area made of very strong water resistant PVC coated washable orange parachute cloth with on it and special carrying bag made of Parachute and structure made of 1 1/4" round	2
<b>Trauma First Aid Bag</b>	
One first aid bag made of strong water resistant PVC coated washable red parachute cloth with yellow reflective strips on it with appropriate placement for and including the following items:- <ul style="list-style-type: none"> <li>➤ Wooden splints (2)</li> <li>➤ Crepe Bandage (4"=01 6"=01)</li> <li>➤ N/Saline 0.9% (01)</li> <li>➤ Pyodine Solution (01)</li> <li>➤ Dressing Scissor (01)</li> <li>➤ Pyodine Powder (01)</li> <li>➤ 4X4 Gauze Pad (04)</li> <li>➤ Sticking 1" (02)</li> <li>➤ Antiseptic wipes 01 box.</li> </ul>	4
<b>Main Automatic Loading Stretcher (FDA/CE Certified)</b>	
Main Stretcher automatic loading type made of aluminum alloy/stainless steel frame with 4+2 loading wheels and adjustable head section. The mattress should be 2" thick with best quality foam, upholstered with best quality washable PVC coated Rexene with pillow with two safety belts and two side guards. Approx. size 6' 3" x 1' 9" (L x W) with 3' Ht. in standing position and 1' Ht. in collapsible position. Locking system for stretcher at	6
<b>Suction Apparatus (FDA/CE Certified)</b>	
A rechargeable battery operated portable suction device having free of maintenance vacuum pumps, autoclavable containers equipped with an anti-overflow valve and very effective closure system, internally protected by a techno-polymer body easy to clean, maximum vacuum 600 mmHg, 23 L/min bacteria filter, silicon & PVC tube, a special holding bracket and suction catheter.	5

SALES & MARKETING  
DEPARTMENT

Dr. Muhammad Nassef Sharkh

MUHAMMAD KHURRAM  
(Medical Services)

For the treatment of the upper and lower respiratory tract

- For use in colds, asthma, respiratory disease ...
- Can be disinfected
- High nebulization capacity (>0.4 ml/hr) Inhalation time
- High proportion of respirable particles
- State of the art medical technology: nebulization through high-frequent ultrasonic
- Replacement medication container
- Mains and battery operation
- Automatic switch-off
- Accessories: Adult mask, children's mask, extension tube, rechargeable battery, function after 10 min power

**Spine Board with Head Immobilizer (Imported)**

Floatable Spine board that reduces the possibility of contamination during transportation of the patient. High density completely recyclable polyethylene, molded into a unique, one piece shell; this technique guarantees the B-back. The exclusive Spencer Contour head immobilizer has been studied to assure the optimum head immobilization of traumatized patients.

6

**Bleeding Kit Packed in Kidney Tray**

Bleeding Kit packed in Kidney Tray having following items:-

- Kidney S.S 8" Needle holder (01)
- Artery Forceps (02)
- Toothed Forceps (01)
- Tourniquets (04)
- Tissue Scissor (01)
- Sponge Holder (01)
- Dressing Scissor (01)
- Crepe Bandages small & large (02 each)
- Gauze Packs large (04)
- Catgut 2/0 (05)

3

**Amputation Kit in Stainless Steel Tray**

Amputation Kit in Stainless Steel Tray having following items:-

- Saw Cutter (01)
- Needle holder (01)
- Artery Forceps (02)
- Toothed Forceps (01)
- Tissue Scissor (01)
- Sponge Holder (01)
- Dressing Scissor (01)
- Crepe Bandages small & large (02 each)
- Gauze Packs large (04)
- Silk 2/0 & 1 size 2 each with needle
- Tourniquets (04)
- Inj. Xylocaine (05)
- Inj. Sesecon (02)
- Dicloran (02)
- Life Maxolon (02)
- Sterile Distilled Water (04)
- Syringes 5cc & 10cc (05 each)
- Antiseptic wipes 01 box

3

One presentation Hard Carrying case made of FG material with wall bracket.

Made of strong ABS plastic which is shiny smooth and easy to clean. A neoprene seal is fitted to make them dustproof. A wall bracket secure them on any house wall or booth. Ambo Bag having special valves which should limit the excessive flow of gas into the patient airway significantly reducing the risk of gastric insufflations by effectively lowering the airway pressure generated. (Spencer Italy or equivalent)	
<ul style="list-style-type: none"> <li>▪ One portable BP apparatus with stethoscope.</li> <li>▪ Hand Operated Manual Suction Apparatus.</li> <li>▪ Laryngoscope with four curved blades.</li> <li>▪ Professional torch.</li> <li>▪ Mouth opener.</li> <li>▪ Endotracheal tubes (diff) size.</li> <li>▪ Airways (diff) sizes.</li> <li>▪ Gloves Nichiband.</li> <li>▪ Containment Bags.</li> </ul>	
Glucometer (FDA/CE Certified)	
Glucometer with 50 strips.	1
Syringe Cutter	
One syringe cutter.	1
Hand Search Light	
Rechargeable LED hand search light.	1
Spot Lamp	
Spot Lamp with flexible neck for patient examination.	1
Back Flood Light	
Back search light, adequate internal lighting for handling the patients at night.	1
I.V Hooks	
Hooks for intravenous infusion set will be placed.	1
Fire Extinguishers	
6 Kg Dry Chemical Powder type fixed with bracket to the side-wall.	1
Wash Box	
Stainless steel with 6-8 liters capacity, attached to the floor and with plastic removable and washable	1

*Dr. Muhammad Naveed Shaikh*  
 Joint Director (Medical Services)  
 HQCAA, Karachi

*DR. MUHAMMAD KURRAM*  
 Officer In-Charge (Medical Services)  
 Pakistan Civil Aviation Authority  
 HQ CAA





**AED**

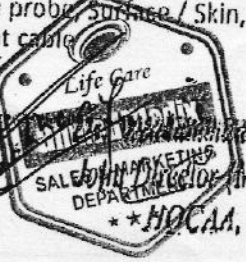
- Screen Type: High-resolution display
- 2. Screen Size: 5" or more
- 3. Low weight easily carry
- 4. Viewing Time: 4 seconds or less
- 5. Information: Heart Rate, Lead/Pads, Alarm On/Off, SpO2, LICO2, AED Functions and Prompts, Defibrillator Test Function, Error Corrections and Faults, Pacer Functions, Code Markers, Alarm Selection and Limits, Delivered Energy Defibrillator
- 6. Waveform: Damped sinusoid or Rectilinear Biphasic
- 7. Charge Time: Less than 7 seconds with a new fully charged battery
- 8. Electrode Impedance Measurement: Range: 0-250 ohms
- 9. Built-in Defibrillator Tester Manual
- 10. Energy Selection: Damped Sine: Selectable at 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 30, 50, 75, 100, 150, 200, 300, 360 joules
- 11. Synchronized Mode should be available
- 12. Charge Controls: on both paddle and device front panel Semi-Automatic
- 13. AED Function should be available
- 14. Advisory Function should be available
- 15. Shock able Rhythms: Ventricular fibrillation with amplitude >100µV and wide complex ventricular tachycardia with rates greater than 150bpm
- 16. Energy Selection: Automatic, preset shock 1, 2, 3, energy levels—user configurable. Selectable at 200, 300, 360 joules mono phasic; 120, 150, 200 joules biphasic. Selected using controls on device front panel ECG Monitoring
- 17. Protection: Fully defibrillator protected. Special circuit prevents distortion of ECG by pace pulse
- 18. Implanted Pacemaker Spike: Dedicated circuitry detects most implanted pacemaker spikes and provides standard display marker of spike on ECG trace.
- 19. Lead Selection: Displayed on monitor
- 20. ECG Size: 0.5, 1, 1.5, 2, 3 cm/mV - display on monitor
- 21. Heart Rate: Digital display 0-250 bpm or more Recorder  
Speed: 12.5, 25 mm/sec
- 22. Modes: Manual or automatic -user-configurable
- 23. Control: Front panel and paddle

3

**Patient Monitor**

- 1. 7" to 15" or More Color Touch Screen Display
- 2. Parameters: ECG, NIBP, SpO2, HR, Temperature, Respiration, 2 IBP
- 3. 4 to 8 waveforms displayed in full color
- 4. Configurable layout & Advanced Parameters
- 5. Weight less than 3 kg including batteries
- 6. Freeze Option should be preferable
- 7. Alarm indicator and alarm pause
- 8. Core set of essential parameters
- 9. Integrated recorder
- 10. Rotary knob
- 11. Battery Backup should be 120 minutes or more
- 12. Thermal printer option is preferable
- 12. Accessories:
  - 01 x 03 Lead ECG Cable
  - 10 x Electrode
  - 01 x NIBP Extension tube(3m)
  - 01 x Adult Cuff, 25-35cm, reusable
  - 01 x SpO2 sensor extension cable(2m)
  - 01 x SpO2 sensor, reusable
  - 01 X DC adapter, 18VDC, 2.5A
  - Temperature probe, surface / Skin, reusable
  - 5-lead patient cable
  - Neonate Cuff
  - Child Cuff

3



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