

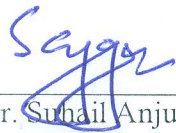


SPECIFICATION


WATER BOWSER 10,000 LTRS

1	GENERAL	Brand New
		Unregistered
		Right Hand Drive
		Complete in all respects
		Latest Model
		Blue Color
2	ENGINE	4 Stroke Diesel / Petrol
		Capacity from 7000cc to 8500cc
3	TRANSMISSION	Manual 6 Speed
4	BRAKE SYSTEM	Power Assist Disc Brake
5	EQUIPMENT	Power Steering
		Both Sides View Mirror
		Both Sides Sun Shades
		Seat Belts
		Spare Wheel
		Standard Tool & Other Accessories
		Water Bowser 10,000 Ltr
WATER TANK		
1	GENERAL	
	Use	Water
	Filling	From Top (By Gravity)
	Decanting	Gravity and Engine Driven Pump
	Tank Compartment	One
2	CONSTRUCTION	
	Capacity	10,000 ltrs Approx
	Type	Elliptical
	Material	G.I. Sheet 3.0 mm
	Baffle Plates	2-Nos. 3.0 mm
	Manhole	1-No
	Base Frame	Steel Sheet 4.5 mm
	Body Mounting	Pin Bolts/Fish Plates
	Mud Guards	Steel Sheet 1.6 mm
	Ladder	Steel Pipe
	Rear Bumper	Steel Sheet 3.2 mm
	Tool Box	Steel Sheet 1.6 mm
3	BODY PAINTING	
	Primer	Oven Baked Epoxy Primer
	Top Coat	Outside: Synthetic Enamel Paint Inside: Aqua Safe
4	ACCESSORIES	
	Mud Flaps	1 Set

Piping	G.I. Pipe
Hose Container	
Suction Hose	Corrugated Nylon Pipe ϕ 2 1/2" x 30 Rft
Discharge Hose	Canvas Pipe ϕ 2" x 100 Rft
Level Indicator	Plastic Pipe Type
Platform	
Side Guards	Steel Pipe
Fire Extinguisher	(1kg) 1-No.
Engine Driven Pump	ϕ 2 1/2" x 2" with Fitting


 Mr. Suhail Anjum Jafri
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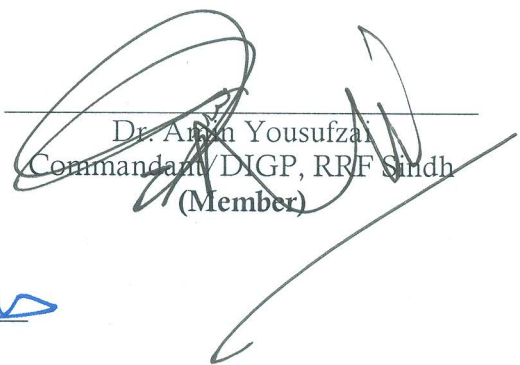

 Mr. Kamran Rashid
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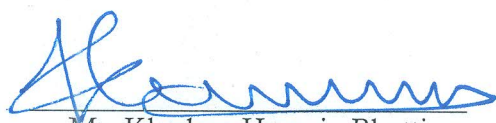

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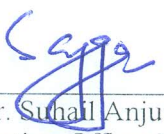

 Mr. Khadam Hussain Bhatti
 Addl: IGP, Traffic Sindh
 (Chairman)




SPECIFICATION PRISON VAN

1	GENERAL	Brand New
		Unregistered
		Right Hand Drive
		Complete in all respects
		Latest Model
		Blue Color
2	ENGINE	4 Stroke Diesel
		Capacity from 3500cc to 4500cc
3	TRANSMISSION	Manual 5 Speed
4	BRAKE SYSTEM	Power Assist Disc Brake
5	EQUIPMENT	Power Steering
		Both Sides View Mirror
		Both Sides Sun Shades
		Seat Belts
		Spare Wheel
		Standard Tool & Other Accessories
		Camera in Prison compartment
		Camera Screen in driver cabin
SUPER STRUCTURE		
1	CONSTRUCTION	
	Body Frame	Principal frame work of hollow & rectangular steel tubes
	Long Member	Pressed Steel Section 4.5mm
	Cross Member	Pressed Steel Section 3.2mm
2	PANELLING	
	Exterior: Roof	Pressed Steel Section 1.2mm
	Sides	Pressed Steel Section & 1” Wood Packing 1.2mm ~ 1.6mm
	Interior: Ceiling	Pressed Steel Section 0.8mm
	Sides	Pressed Steel Section 0.8mm
3	DOORS	
	Prison Partition Door	Open partition with flap door between prisoner and rear guard compartment with 03 hasp door lock (heavy duty)
	Guard Door	Flap door at rear guard compartment with suitable lock
4	WINDOW	
	Prison Compartment	Prison compartment with widow (mesh type) having MS Square bars ½” x ½” vertically and ¼” x ¼” horizontally provided all around the prisoner compartment at a pith of 40mm
	Guard Compartment	Guard compartment with window having MS square bars and perpex type shutter
5	FLOOR	
	Floor Covering	MS Checkered Sheet 3.0mm
	Inspection/Service Lids	One each for transmission and fuel tank
6	SEATS	
	Prison Compartment	Prison compartment with widow (mesh type) having MS Square bars ½” x ½” vertically and ¼” x ¼” horizontally provided all around the prisoner compartment at a pith of 40mm
	Guard Compartment	2 Nos., cushioned type seats covered with Ragzine (one each side)

7	ELECTRICAL EQUIPMENT	
	Room Lights	2 Nos., in prison compartment covered with protective grills & 1 no., in guards compartment
	Bar Light	1 no., with PA System (multi tone) 24 volts DC with speaker inside prison compartment
	Intercom	1 set
	Two way Buzzer	For driver & guard compartment
	Exhaust Fan	4 nos., electrically operated
8	INTERIOR FITTINGS	
	First Aid Box	
	Fire Extinguisher (1 kg)	1 no.
	Heat Insulation	Styrofoam on ceiling and sides
	SMG Racks	2 nos., provided in guards compartment
	Ceiling Grab Handle	Two rows provided in prison compartment
	Ceiling Grab Hooks	Four each corner in prison compartment
9	PAINTING	
	Parts	All parts given anti rust treatment prior to applying high bake epoxy primer
	Exterior	Synthetic Enamel Paint

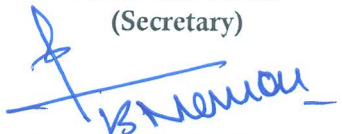

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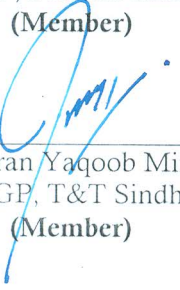
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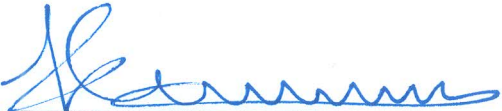

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SPECIFICATION

ADVANCE LIFESAVING AMBULANCE

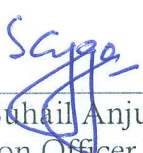
PATIENT COMPARTMENT, EQUIPMENT AND ACCESSORIES	
General	Brand New
	Unregistered
	Right Hand Drive
	Complete in all respects
Engine	4 Stroke Diesel / Petrol
	Capacity from 2400cc to 3000cc
Transmission	Manual 5 Speed
Brake System	Power Assist Disc Brake
Equipment	Air Conditioner
	Power Steering
	Both Sides View Mirror
	Both Sides Sun Shades
	Seat Belts
	Spare Wheel
	Standard Tool & Other Accessories
Ambulatory Requirement	
Floor	Made of water and termite proof half inch thick ply-wood or imported HDF laminated with PVC coating. The floor should 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 should be sealed with silicon.
Internal Ceiling	All internal ceiling is replaced with F/G ceiling which is waterproof, washable and disinfectable.
ABS sheets on side walls	All side wall in patient compartment poshes made of hand board is replaced with washable disinfect able ABS sheets and this is to ensure cleanliness.
Partition Wall	In between driver and patient compartment of 3/4" lamination sheet molded with F/G mat fixed with steel brackets to side walls. One window with sliding glasses.
Side Utility Panel	Made of ABS/F.G molded material on the right side. Having following items:- <ul style="list-style-type: none"> • Examination LED's light. • Oxygen outlets (O₂). • Oxygen alarm. • Space for tissue box and gloves box. ▪ All switches and sockets (12 volts) and fuse box.
AED and suction unit cabinet large	Made of ABS / FG material with rounded edges, top to accommodate AED having special lock system and bottom to accommodate suction unit to be installed on the right side of the vehicle.
Overhead Cabinet	One overhead cabinet Made of ABS / FG material attach with ceiling for storage of misc. items.
Electrical Wiring	All electrical wiring of ambulatory compartment should 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 should be of 10mm, 8mm and 6mm size and should be of fire retardant material. There should be a separate maintenance-free battery of 40 amps for ambulatory compartment which is to be

	charged through the vehicle generator. There should be a 220 volts inlet and outlet sockets for outside source of 220 volts. One 220 volt inverter will be provided for continuous suppliers of 220 for changing of various medical equipment.
Main Automatic Loading Stretcher	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 front and right side of the stretcher and S.S. sheet on the floor under his stretcher. Detachable IV rod with the stretcher (best quality) .
One Folding Stretcher Four Fold	Bedding area made of very strong water proof PVC coated washable orange parachute cloth and special carrying bag made of Parachute and structure made of 1 1/4" round light-weight aluminum alloy (best quality) .
Platform	Special platform made of F/G reinforced with S/s sheet having space underneath for storage of Spine Board.
Four Persons Bench Made of Single Piece F/G Material with Rounded Edges	Make of 3" special preformed polyurethane foam with minimum 16" width, made over a storage box open-able in two parts. Seat cover of best quality artificial leather and seat belts. Back of the bench should be cushioned with approximately 12" height to accommodate spine board at its back. One side bar made of 1" MS pipe chrome plated / powder coated. (in case of High Roof)
One Person Crew Seat	Revolving (in case of High Roof) Fixed to the body of the vehicle with seat belt at the head end of patient with best quality artificial leather / fabric.
Medical Cabinet	Made of high quality non staining scratch resistant, rust proof, water proof fiber glass and ABS material. All front doors & Drawers having double side finished with self-lockable latch type handles made of plastic material. All doors having self-closable imported surface hinges. Cabinet having four sections.
	1. Oxygen Section To accommodate two M.F size O2 cylinders, should have double steel brackets with rubber padding. The door having plexi glass window, an internal light with a door switch to be provided Floor of cabinet matted with vinyl flooring.
	2. Disposable Section Disposable section having 3 to 4 shelves for various disposables
	3. Drawers Section Having 5 to 7 drawers (depending upon the size of vehicle) All drawers made of S/S sheet material. All drawers having special self-closing & self-retaining catcher railing which is not self-opened during rush driving.
	4. Wash Basin Section This section having special molded wash basin with tap, having a water reservoir of 18 to 20 Liters capacity, water is dispensable through an electrical pump operated through a foot switch at the cabinet door. Top of the cabinet having rounded edges & corners One soap dispenser & one toilet roll holder to be provided.
AED Defibrillator	<ul style="list-style-type: none"> ▪ AED Defibrillator (Automatic external defibrillation with CPR feedback). ▪ The AED must give audio and visual prompts like <u>'PUSH HARDER'</u> and <u>'GOOD COMPRESSIONS'</u> to assist the user during a Rescue. ▪ The AED must work on Biphasic Waveform having a maximum energy

	<p>setting of 200Joules.</p> <ul style="list-style-type: none"> ▪ The AED must use consumer lithium batteries. These batteries must offer a five year shelf-life and be readily available at local retail outlets and must not be defibrillator manufacturer dependent. ▪ The electrode must have a shelf life of 3-4 years. (Panel A)
Suction Apparatus	Rechargeable battery operator suction unit 18 lit/min airflow with bacteria filters. One liter auto clearable bottle 2. 25 liter/min air flow with rechargeable original mounting bracket. (Panel A)
Pulse Oximeter	The handheld pulse oximeter provides an easy and accurate assessment of oxygen saturation and pulse rate from adults to neonates. Truly portable, this pocket-size handheld oximeter will hold up in the most demanding environments. Pulse oximeter provides a cost-effective, environmentally friendly solution for your monitoring needs. The memory version offers approx.: 18 hours of data storage. (Panel A)
Nebulizer	Ultrasonic Nebulizer with rechargeable battery.
Portable Aluminum Cylinder O2	One Portable Aluminum Oxygen Cylinder approx.: 2.2 liter capacity with regulator in carrying Bag.
Spine board	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. (best quality)
B.P Apparatus	One BP apparatus with wall mounted large dial type 5/6" imported with one stethoscope. (Panel A)
Chest Extrication	Chest Extrication Device is excellent for extrication from vehicle, it is a device which allows the removal of a patient with suspected spinal lesion without causing additional damage to the patient. (Panel A)
Philadelphia collar	Adjustable Philadelphia Collar easy access for pulse checking, advanced airway management procedures and visualization through the over-sized hole in correspondent. (Adult & Paed Size) 01 Each. Adjustable Philadelphia Collar (Adult & Paed Size). (Panel A)
Glucometer	Glucometer with 50 strips. (Panel A)
Oxygen Supply System	Brand new MF (48 cu.ft.) two imported oxygen cylinders duly tested and filled by the Govt. approved company with electronic Low Oxygen Alarm, Changeover system and high pressure piping made of imported flexible material and brass sockets and connectors. The pressure regulator of cylinder should be imported. Oxygen would be delivered through two outlets with one flow meter and mask.
Bleeding Kit Packed in Kidney Tray	<ul style="list-style-type: none"> ▪ 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).

	<ul style="list-style-type: none"> ▪ Gauze Packs large (04). ▪ Catgut 2/0 (05).
Two EMT Kit	<p>Small EMT kit made of artificial leather attachable with the belt having following items:-</p> <ul style="list-style-type: none"> ▪ 01 scissor. ▪ 01 forceps. ▪ 01 Pen light. ▪ 01 face mask. ▪ 01 CPR mask. ▪ 01 tourniquet.
Stitching Kit in Stainless Steel Tray	<ul style="list-style-type: none"> ▪ 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 Pethidine & Dicloran (02). ▪ Inj. Mexolon (02). ▪ Inj. Distill Water (04). ▪ D/Syringes 5cc (05). ▪ D/Syringes 10cc (05).
Hard Carrying case	<p>One Resuscitation Hard Carrying Case made of ABS material with wall bracket.</p> <ul style="list-style-type: none"> ▪ Ambo Bag adult and pads size. ▪ 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. ▪ Containment Bags.
1xFirst Aid Bag	<p>Made of very strong water proof PVC coated washable red parachute cloth. Design to store the following items:-</p> <ul style="list-style-type: none"> ▪ Pyodine Solution. ▪ Dressing Scissor. ▪ Pyodine Powder. ▪ 4x4 Gauze Pad and Sticking. ▪ Forceps. ▪ Cotton bandages. <p>Bag having partitions inside made of P.P material.</p>
Hand Search	Rechargeable LED hand search light.

Light	
Spot Lamp	Spot Lamp with flexible neck for patient examination.
Back Flood Light	Back search light, adequate internal lighting for handling the patients at night.
I.V Hooks	Hooks for intravenous infusion set will be placed on both sides. Local Made S/S Material.
Fire Extinguishers	2 Kg Halotron in Driver compartment and 6 Kg Dry Chemical Powder type fixed with bracket to the side-wall.
Frosted Glass	Window Glass of patient compartment, 2/3 frosted with high quality of colorless, opaque imported vinyl sticker.
Trash box	Stainless steel with 10 liters capacity, attached to the floor and with plastic removable and washable inner lining.
Syringe Cutter	One syringe cutter.
Rescue Equipment	<ul style="list-style-type: none"> ○ Safety Belts (02). ○ Safety Harness (02). ○ Fire Man Ax (01). ○ Crow Bars (01). ○ Emergency Search Light (01). ○ Leather Gloves (06). ○ Caution sign tape roll (03). ○ 14" Bolt Cutter. ○ Full face mask for Fire Escape and Toxic Gases. ○ Safety rope 30 meter long having 11mm diameter. ○ Triangular traffic signs.
Outside Design	Word Ambulance on front and rear sides, with name of institution and emergency number (if any) on right and left sides in reflective vinyl stickers of imported as per approved design of institution.
External, Internal Lights & Warning Devices	Standard flasher type (imported) horizontal red & blue emergency light / LED Flash Light size 1200 mm with siren/hooter system at least 150 watt output. All room lights (LED) sufficient for working & patient handling will be provided.


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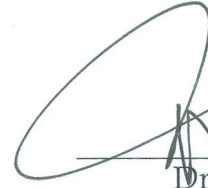
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Mr. Khadam Hussain Bhatti
Addl: IGP, Traffic Sindh
(Chairman)



SPECIFICATION BUS (63 Seats)

1	GENERAL	Brand New
		Unregistered
		Latest Model
		Complete in all respects
		Color (Optional)
2	ENGINE	4 Stroke Diesel
		Capacity 6500cc TO 9000cc
3	TRANSMISSION	Manual 6 Speed
4	BRAKE SYSTEM	Power Assist Disc Brake
5	EQUIPMENT	Power Steering
		Both Sides View Mirror
		Both Sides Sun Shades
		Spare Wheel
		Standard Tool & Other Accessories
		Seating Capacity 63+1
		Roof Rack with deattachable Ladder (Iron)

Scygo

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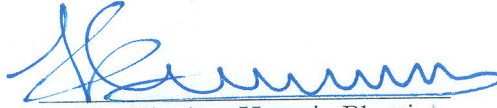
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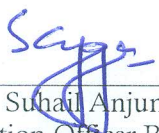


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SPECIFICATION COACH (26 Seats)

1	GENERAL	Brand New
		Unregistered
		Latest Model
		Complete in all respects
		Color (Optional)
2	ENGINE	4 Stroke Diesel
		Capacity 3500cc TO 4500cc
3	TRANSMISSION	Manual 5 Speed
4	BRAKE SYSTEM	Power Assist Disc Brake
5	EQUIPMENT	Power Steering
		Both Sides View Mirror
		Both Sides Sun Shades
		Spare Wheel
		Standard Tool & Other Accessories
		Seating Capacity 25+1
		Roof Rack with deattachable Ladder (Iron)


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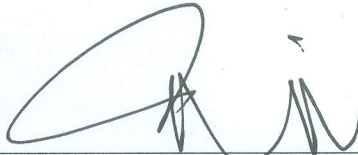

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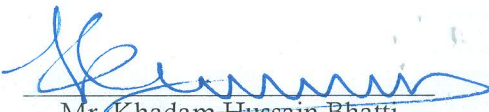

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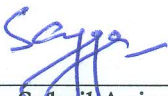


SPECIFICATION


APC Protector

1	Engine Type	Water cooled Turbo-Diesel inter – cooled, 8 cylinder, 150 KW (200 HP), at 3400 rpm
2	Transmission Type	Manual, 5-speed forward and 1-reverse
3	Drive System	Full time 4-wheel drive (4x4)
4	Ground Clearance	230 mm
5	Brake System	Hydraulic power assisted brakes (upgraded)
6	Seating Capacity	8 (2 + 6)
7	Suspension	Heavy duty (Upgraded)
8	Tires	Run – flat tyres (4 + spare) shall meet the NATO / FINABEL speed and distance standard of 50Km at 50Km/h (Inserts will be from reputed firm).
9	Steering	Power Assisted
10	Electrical System	12V DC, 85 AMP or better
11	Roof Ventilator	2
12	Exhaust Fan	1
13	Body Protection	Provide protection against 7.62x5, M80 NATO P-80, M61 AP ammunition and tested to meet N.I.J. Standard 0108-1 Level IV and CEN EURO NORM 1063 B-7
14	Seating Arrangement	Type and arrangement of seating is not specific but shall be consistent with gun port accessibility and room for turret. All seats have seat belts.
15	Bullet Proof Glass	Windscreen, side glasses and view ports protected against B-7 / NIJ –STD – 01 08 01 Level IV duly covered by steel mesh provided with 80% clarity.
16	Firing Ports	Will provide an ergonomic and practical location based in the internal layout of the proposed vehicle.
17	Firing Hatches	2
18	Rifle Racks	Vertical rack(s) for a total of 6 full stack of AK-47 rifles.
19	Ammunition Boxes	2
20	Turret	Centered position, Manned turret with B-7 standard armour protection. The turret will have a demountable seat; minimum 14” height with hatch cover; 360 degree rotation and adaptable for LMG installation
21	Tools	Standard vehicle tools
22	Air Conditioner	Available (Optimum air conditioning will be assured)
23	Lifting and Towing Hooks	2
24	Fire Extinguishers	2
25	First Aid Box	1
26	Public Address System	1
27	Revolving Light	1
28	Color	Police Blue
29	Search Light	1
30	Siren System	1

31	Bumpers	Heavy duty front bumper, RAM style: heavy duty rear bumper with rear steps
32	Fuel tank Protection	Yes
33	Running board and hand rail system to provide quick extraction of pedestrian personnel without entering the vehicle	Yes
34	Lights Protection	Head lights, rear brake lights, indicators and back lights protected with steel mesh
35	Power Source for Electronics	
36	1700 Watt Inverter	220 Volts
37	Tie Down Points	8
38	Doors	3 (2 front, 1 rear)
39	Weight of vehicle	4700 Kg GVW
40	Turret Mounting Brackets for Weapon	Will be generic brackets that can be adapted in country (Locally to fit the LMG for the proposed armoured personnel carrier)


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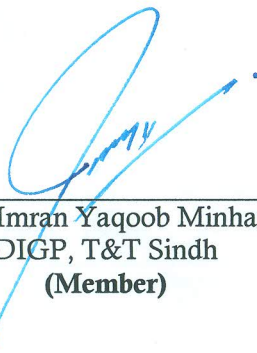
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 ADIGP (Admn) T&T Sindh
 (Member)


 S. Midhat Kazmi
 AIGP MT Sindh
 (Secretary)

Mr. Javed Mahar
 AIGP, Finance Sindh
 (Member)

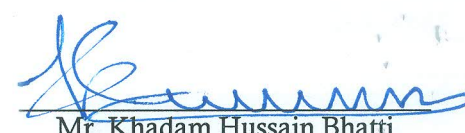

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 AIGP, Logistics Sindh
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Mr. Imran Yaqoob Minhas
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Dr. Amin Yousufzai
Commandant/DIGP, RRF Sindh
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Mr. Khadam Hussain Bhatti
Addl: IGP, Traffic Sindh
(Chairman)

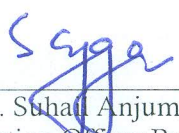


SPECIFICATION


APC Dragoon

1	GENERAL	Length	5.89mm
		Width	2.54m
		Height	1.7m (Hull top)
		Crew	11 including driver
		Curb Weight	9.6 Ton – without turret
		Combat Weight	12 Ton
		Power to Weight Ratio	25 (HP/Ton)
2	PERFORMANCE	Speed	105 km/hr
		Fuel Tank Capacity	340 liter
		Cruising Range	850 km
		Gradient	60%
		Slide slope	30%
		Vertical Obstacle	0.75m
		Turning Radius	8.77m
		Ditch Crossing	1m
		Gr Clearance	0.35m
		Angle of approach	60 degree
		Angle of departure	45 degree
		Engine	45 Caterpillar Engine 300 HP/Detroit, Diesel 6V53T, 224kw at 2800 RPM (300 HP)
		Transmission	Caterpillar / Allison PF MT 653 Five Speed fully automatic
3	PROTECTION	With Add On Armour Kit (Less roof)	Stanag 4569 Level – III Perpendicular fire
		Roof	Stanag 4569 Level – II
		Bottom Anti-Mine	Anti-Mine Protection Stanag 4569 Level-II A against 6kg of TNT exploded under each wheel
		Bullet Proof Glass	B7 Level as per EN 1063
		Gun/Firing Ports	Stanag 4569 Level-III protection
		Composhield RPG-7 Protection	Net all sides (protection with upto 70% success rate in open & build up terrain in perpendicular fire angle (0°) & 50% with angle fire (30°)
		Electrical Assemblies	Complying EMI Standards
		Suspension System	Solid Axle System
		Brake System	Hydro pneumatics
		MG Weapon Station	Manual Machine Gun Weapon Station with electrical
		Air Conditioning System	10kW with dispenser units for crew & driver

		Operating Structure	-30 ⁰ to +50 ⁰ C ambient
		Crew Capacity	11 including Driver
		Firing Ports	5 (2 on each side and one at rear)
		Heating System	Providing 20kW of heating for drivers & crew compartment
		Doors	2 (1x side & 1x rear)
	ADDITIONAL FEATURES	Hydraulic Winch 9 Tons self-recovery winch Driver Night Vision periscope Panoramic Observation Camera (standard) Fire Suppression System – Semi automatic Transfer Case Power Pack Sensor Suite (PSS) Digital Driver Panel (DDP) Thermo box rack Tool kit box 81mm grenade launcher – Qty 6 Crew Compartment sound absorbing liner	

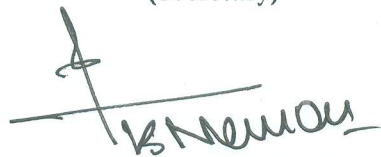

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 (Member)


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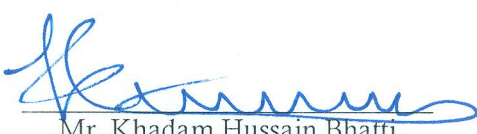

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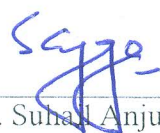

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SPECIFICATION

BODY FABRICATION (PICKUPS)

1.	Super structure will be 1' square MS 16 BG Channel
2.	Canopy will be 4mm BG fiber sheet up to drive cabin
3.	Reinforcement of body for protection against bullets by inside insulation of kicar wood and strong MS Sheet
4.	Drive Cabin doors & rear deck panel will also be reinforced against bullet
5.	Inner height will be 5.1/2 feet
6.	Side panel will be provided with window 36 inches x 18 inches and door opening on both sides with stairs
7.	Provision of 2" x 24 x 2 hatch with siding cover at top roof with 3/4" weather strip
8.	Front seat frame 1"x1"x3mm angle iron
9.	Seat fixed with 2 inches thick foam with ragzine
10.	14"x28" steel frame with checker pate for gunman under the hatch
11.	Rear seat 12x48 inches fixed with 2 inches thick foam with ragzine provided with box with sliding door under the seats
12.	Front safety guard with 2" steel pipe
13.	Rear safety guard 3" square channel MS 16 BG
14.	Fire extinguisher and water cooler one each to be provided
15.	Bar light with PA system multi tone siren to fix (red & blue)
16.	One roof light for passenger compartment
17.	Complete color and branding as per sample on the body
18.	Bar light and logo as per specification


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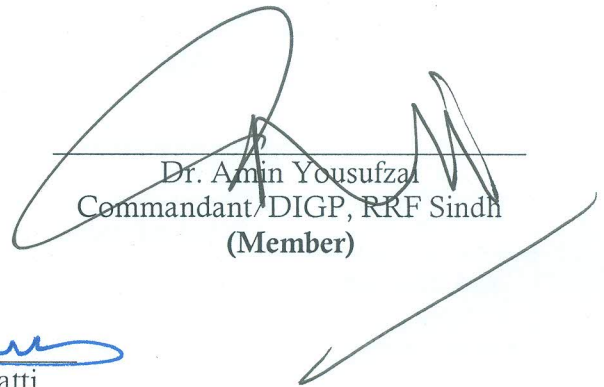


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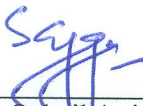
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SPECIFICATION TRACK APC M-113

1	CHARACTERSTICS	Armour System	Bolt-on spaced/oblique light weight ballistic steel armour system
		Protection of vehicle	12.7mm AA Gun API rounds at a distance of 30 meters with straight line of fire. Modular shape with basic APC hull divided into 6 x main regions.
		Multi-Hit Capability	Desgned armour provides excellent multi-hit capability and each panel can sustain multiple shots.
		Mounting System	Armour plates mounted on vehicle through bolt on system relying on Aluminum Armour Frames System bolted through special inserts. It allows easy installation and removal in field conditions also serve as additional protection at interface.
		Rotating Turret	With 2 view glasses providing protection against 12.7mm API rounds, has the ability to engage target all around (360°).
2	GENERAL	Weight, combat loaded	11,860kg
		Weight, curb	10,360kg
		Length	190-inches
		Width	122.06-inches
		Height without Turret	73-inches
		Height with Turret	97.5-inches
		Net weight of Add on Armor	875kg
		Pay load	1500kg
2	PERFORMANCE	Speed (Level land)	35mph
		Acceleration (0-32) Kmph	9 second
		Gradient	60%
		Slide Slope Negotiation	30%
		Drift	(3feet in 100feet while travelling between 20-30 mph)
		Braking Distance at Speed (32-0km/h)	26 feet
		Gross HP to Combat Weight ratio	22.3 HP/ton

3	TECHNICAL SPECIFICATIONS	Engine	Detroit 265 HP
		Transmission	Allison TX100-1A
		Seating Capacity	2+10 (12)
		Base Armour	Ballistic Aluminium
		Add on Armout	Ballistic Steel Based Spaced Armour 16.9 HP/Ton
		Turret	360° Rotation
		Net WT of Add on Armour	875 Kg
		Pay Load	1500 Kg
		Fuel Tank	Internal
		Speed (Level Land)	62 Km/hour
		Power / WT Ratio	22.34 HP/Ton
		Protection	12.7 MM API at 30 meters distance
	ADDITIONAL MODIFICATIONS	Existing external fuel tanks removed and replaced with internal fuel tanks as configured for APC M113A1.	
		Ramp door removed and replaced with a rear door for mounting / dismounting of personnel.	
	TECHNICAL SPECIFICATIONS OF ARMOUR	Upper Side Plate	Spaced inclined Armour 6 (each side)
		Lower Side Plate	Spaced inclined Armour 6 (each side)
		Upper Nose Plate	Applique Armour 5
		Lower Nose Plate	Spaced Armour 1
		Front Straight Plates	Spaced Armour 2
		Rear Plate	Spaced Armour 3
		Turret	Spaced Armour 1

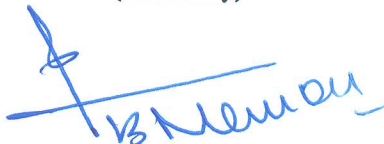

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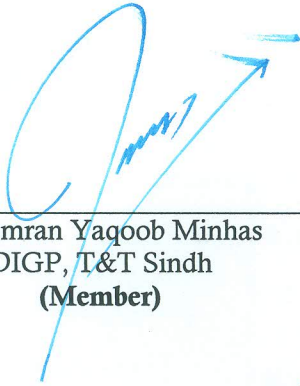
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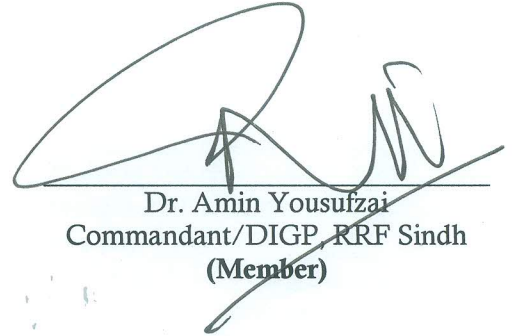

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