

Directorate General Defence Purchase
 Ministry of Defence
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14 Poush 1432

29 December 2025

06.06.0000.214.eval.25/P-1

AMENDMENT ON EXPRESSION OF INTEREST (EOI) FOR APC (TAC), APC (AMB), APC (REC) AND APC (COMD POST)

References:

- A. Army Headquarters, General Staff Branch, Overseas Operations Directorate letter number 23.01.901.027.05.192.01.09.12.25 Dated 09 December 2025 (Not to all).
- B. Directorate General Defence Purchase letter number 06.06.0000.214.eval.25/P-1 dated 21 December 2025.
- C. Army Headquarters, General Staff Branch, Overseas Operations Directorate letter number 23.01.901.027.05.192.01.24.12.25 Dated 24 December 2025 (Not to all).

1. In view of above references, the subject items has been amended as follows:

a. Annex-A

For:			Read:		
Ser	Description	Specified Specification	Ser	Description	Specified Specification
41.	List of tools & accessories, the list of the BTR-80 APC individual SPTA set.	To be Mentioned	41.	List of tools, accessories and SPTA set.	
42.	List of publications, list of service papers will be supplied with BTR-80 APC	To be Mentioned	42.	List of publications and service papers.	
43.	Foreign analogs fuel and lubricant materials and also fluids recommended from use with BTR-80, BREM-K, BTR-80K vehicles	To be Mentioned	43.	Foreign analogs of fuel and lubricant materials and also fluids recommended for use in vehicles.	
59	Inter – communication System: a. For commander, gunner, driver and radio operations and two extra (minimum 6) and one socket our side of hull at the rear for dismounted crew. b. HF, VHF radios and internal communication system should be able to use a single communication head set which toggles between devices (preferable).	To be Mentioned	59	Inter – communication System: a. Inter communication between all crews and commander and dismounted commanders. b. HF, VHF radios and internal communication system should be able to use a single communication head set which toggles between devices (preferable).	

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b. Annex-B

For:			Read:		
Ser	Description	Specified Specification	Ser	Description	Specified Specification
44.	List of tools & accessories, the list of the BMM individual SPTA set.	To be Mentioned	44.	List of tools, accessories and SPTA set.	
45.	List of publications, list of service papers will be supplied with BMM	To be Mentioned	45.	List of publications and service papers.	
46.	Foreign analogs fuel and lubricant materials and also fluids recommended from use with BTR-80, BREMK, BMM	To be Mentioned	46.	Foreign analogs of fuel and lubricant materials and also fluids recommended for use in vehicles	
47.	Sets of spare parts for maintenance and repair of BTR-80, BREM-K, BMM vehicles	To be Mentioned	47.	Sets of spare parts for maintenance and repair.	
59.	Inter – communication System: a. For commander, gunner, driver and radio operations and two extra (minimum 6) and one socket our side of hull at the rear for dismounted crew. b. HF, VHF radios and internal communication system should be able to use a single communication head set which toggles between devices (preferable).	To be Mentioned	59.	Inter – communication System: a. Inter communication between all crews and commander and dismounted commanders. b. HF, VHF radios and internal communication system should be able to use a single communication head set which toggles between devices (preferable).	

c. Annex-C

For:			Read:		
Ser	Description	Specified Specification	Ser	Description	Specified Specification
44.	List of tools & accessories, the list of the BREM-K individual SPTA set.	To be Mentioned	44.	List of tools, accessories and SPTA set.	
45.	List of publications, list of service papers will be supplied with BREM-K	To be Mentioned	45.	List of publications and service papers.	
46.	Foreign analogs fuel and lubricant materials and also fluids recommended from use with BTR-80, BREMK, BTR-80K vehicles	To be Mentioned	46.	Foreign analogs of fuel and lubricant materials and also fluids recommended for use in vehicles.	
59.	Inter – communication System: a. For commander, gunner, driver and radio operations and two extra (minimum 6) and one socket our side of hull at the rear for dismounted crew. b. HF, VHF radios and internal communication system should be able to use a single communication head set which toggles between devices (preferable).	To be Mentioned	59.	Inter – communication System: a. Inter communication between all crews and commander and dismounted commanders. b. HF, VHF radios and internal communication system should be able to use a single communication head set which toggles between devices (preferable).	

d. Annex-D

For:			Read:		
Ser	Description	Specified Specification	Ser	Description	Specified Specification
41.	List of tools & accessories, the list of the BTR-80K APC individual SPTA set.	To be Mentioned	41.	List of tools, accessories and SPTA set.	
42.	List of publications, list of service papers will be supplied with BTR-80K APC	To be Mentioned	42.	List of publications and service papers.	
43.	Foreign analogs fuel and lubricant materials and also fluids recommended from use with BTR-80, BTR-80K,BREM-K vehicles	To be Mentioned	43.	Foreign analogs of fuel and lubricant materials and also fluids recommended for use in vehicles.	
59	Inter – communication System: a. For commander, gunner, driver and radio operations and two extra (minimum 6) and one socket our side of hull at the rear for dismounted crew. b. HF, VHF radios and internal communication system should be able to use a single communication head set which toggles between devices (preferable).	To be Mentioned	59	Inter – communication System: a. Inter communication between all crews and commander and dismounted commanders. b. HF, VHF radios and internal communication system should be able to use a single communication head set which toggles between devices (preferable).	

2. All other contents, terms and conditions of the subject items shall remain unchanged.
3. Forwarded for your information and necessary action please.



SHEULY AKTER
Lieutenant Colonel
For Director General

Distribution:

External:

Action:

(All Concerned Supplier/Firm)

Information:

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General Staff Branch
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General of Staff Branch, Infantry Directorate

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Inspection & Technical Development Directorate

Internal:

IT Section: Publish in web site.

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06 Poush 1432

06.06.0000.214.eval.24/P-1

21 December 2025

EXPRESSION OF INTEREST (EOI) FOR APC (TAC), APC (AMB), APC (REC) AND APC (COMD POST)

Reference:

A. Army Headquarters, General Staff Branch, Overseas Operations Directorate letter number 23.01. 901.027.05. 192.01.09.12.25 Dated 09 December 2025 (Not to all).

1. Please be informed that Bangladesh Army is planning to procure APC (Tac), APC (Amb), APC (Rec) and APC (Comd Post). In this regard, you are requested to forward technical offer along with Original Brochure/Catalogue, Model Technical Specification 100% updated Original Spare Parts Catalogue (Hard & Soft copy) and other information. Offered models should be compatible with general technical specification attached herewith and to be submitted directly to Army Headquarters, General Staff Branch, Overseas Operations Directorate, Dhaka Cantonment by **31 January 2026** with an intimation to this office. You are also requested to provide enlistment certificate of DGDP along with technical offer. Lack of any information will disqualify the offer.

2. Forwarded for your information and necessary action please.



SHEULY AKTER
Lieutenant Colonel
For Director General

Annex:

- A. General Specification of APC (TAC) - 07 (Seven) Pages only.
- B. General Specification of APC (AMB) - 06 (Six) Pages only.
- C. General Specification of APC (REC) - 07 (Seven) Pages only.
- D. General Specification of APC (COMD POST) - 07 (Seven) Pages only.

Distribution:

External:

Action:

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Information:

Army Headquarters
General Staff Branch (Coord)

Army Headquarters
Master General of the Ordnance Branch (Coord)

Army Headquarters
General Staff Branch
Weapon Equipment and Statistic Directorate

Army Headquarters
General of Staff Branch, Infantry Directorate

Army Headquarters
Master General of the Ordnance Branch
Ordnance Directorate

Army Headquarters, Master General of the Ordnance Branch
Inspection & Technical Development Directorate

Internal:

IT Section: Publish in web site.

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GEN SPEC OF APC (TAC)

Ser. No	Description	Specified spec
1.	Name and complete contact address of the manufacturer /Principal	To be mentioned
2.	Name of the Eqpt	To be mentioned
3.	Country of origin and Manufacturer	To be mentioned
4.	Year of Manufacturer	To be mentioned
5.	Make & Model	To be mentioned
6.	Air conditioning System.	
	a. Model	To be mentioned
	b. Cooling	To be mentioned
	c. Heating	To be mentioned
	d. Capacity	
	(i) Cooling.	To be mentioned
	(ii) Heating	To be mentioned
7.	Number of Crews	To be mentioned
8.	Configuration	To be mentioned
9.	Combat weight	To be mentioned
10.	Ground clearance	To be mentioned
11.	Protection:	
	a. Kinetic Energy (KE)	To be mentioned in detail with type, calibre, distance, angle azimuth and elevation
	b. Mine explosion/IED	To be mentioned in detail including explosive mass
	c. Anti armour	To be mentioned in detail with type, calibre, angle azimuth and elevation
12.	Length	To be mentioned
13.	Width	To be mentioned
14.	Height (Inclusive Turret) :	To be mentioned
15.	Doors/Hatches : Details to be mentioned.	To be mentioned
16.	Hull Overhang Angle.	
	a. Front	To be mentioned
	b. Rear	To be mentioned

RESTRICTED

Ser. No	Description	Specified spec
17.	Negotiable Obstacles.	
	a. Gradient	To be mentioned
	b. Tilt/Slope	To be mentioned
	c. Angle of Approach	To be mentioned
	d. Angle of departure	To be mentioned
	e. Height of Wave	To be mentioned
	f. Trench Crossing	To be mentioned
	g. Vertical Obstacle Crossing	To be mentioned
	h. Fording Capability	To be mentioned
18.	Wheel Tread.	
	a. Front	To be mentioned
	b. Rear	To be mentioned
19.	Wheel base	To be mentioned
20.	Fuel Endurance in High way	To be mentioned
21.	Amphibious Capability	To be mentioned
22.	Turning Radius	To be mentioned
23.	Winch	To be mentioned
24.	Fuel Tank Capacity	To be mentioned
25.	Speed.	
	a. Road	To be mentioned
	b. Cross Country (average)	To be mentioned
	c. Afloat	To be mentioned
26.	Engine.	
	a. Make & Model	To be mentioned
	b. Maximum power output with RPM	To be mentioned
	c. Torque with RPM	To be mentioned
	d. Power to weight ratio	To be mentioned
	e. Number of cylinder	To be mentioned
	f. Cooling system	To be mentioned
	g. Displacement	To be mentioned

RESTRICTED

Ser. No	Description	Specified spec
	h. Bore & Stroke	To be mentioned
	j. Type of Fuel	To be mentioned
	k. Fuel consumption	To be mentioned
	l. Fuel injection pump	To be mentioned
	m. Country of origin	To be mentioned
	n. Year of Manufacture	To be mentioned
27.	Axle : Details to be mentioned.	To be mentioned
28.	Load on Axle.	
	a. Front Axle	To be mentioned
	b. Rear Axle	To be mentioned
29.	Transmission	To be mentioned
30.	Propulsion System on Water	To be mentioned
31.	Transfer case : Details to be mentioned.	To be mentioned
32.	Steering	To be mentioned
33.	Tyre.	
	a. Combat Proof Run Flat Tyre should run minimum 200 km at a speed of 20 km/h with zero tyre pressure	To be mentioned
	b. Size	To be mentioned
	c. Brand / Type	To be mentioned
	d. County of origin and manufacturer	To be mentioned
	e. Number of Tyre including spare tyre.	To be mentioned
	f. Pattern	To be mentioned
	g. Suitable for cross country Movement.	To be mentioned
	h. Central Tyre Air Inflation System.	To be mentioned
34.	Suspension	To be mentioned

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Ser. No	Description	Specified spec
35.	Brake.	
	a. Service	To be mentioned
	b. Parking	To be mentioned
	c. Counter back	To be mentioned
36.	Collective NBC Protection. Minimum NBC protection system should be integrated with the air conditions system. However, details to be mentioned.	To be mentioned
	a. Air pressurizing system	To be mentioned
	b. Radiation Reconnaissance Device	To be mentioned
	c. Chemical Reconnaissance device and other facilities	To be mentioned
37.	Electrical System.	To be mentioned
	a. Electrical Power Source (Voltage)	To be mentioned
	b. Battery (Quantity, Voltage & AH)	To be mentioned
	c. Starter (Voltage & Capacity in Kw)	To be mentioned
	d. Alternator (Quantity Voltage & capacity in Ampere)	To be mentioned
	e. Auxiliary Power Unit (preferable)	To be mentioned
38.	Ground pressure	To be mentioned

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Ser. No	Description	Specified spec
39.	Lights and Gauges	
	All lights and gauges including blackout lights required for complete operation (Details to be mentioned).	To be mentioned
40.	Colour	To be mentioned
41.	List of tools & accessories, the list of the BTR-80 APC individual SPTA set.	To be mentioned
42.	List of publications. list of service papers will be supplied with BTR-80 APC	To be mentioned
43.	Foreign analogs fuel and lubricant materials and also fluids recommended from use with BTR-80, BREM-K, BTR-80K vehicles	To be mentioned
44.	Basic Armament.	To be mentioned
45.	Basic Armament.	To be mentioned
	a. Type of armament	To be mentioned
	b. Performance Data (main Gun). (1) Calibre : Turret mounted.	To be mentioned
	(2) Operating System.	
	(3) Rate of Fire.	
	(4) Muzzle Velocity	
	(5) Maximum Range : Capable of engaging targets effectively at a distance of minimum 2000 meters.	
	(6) Loading System.	
	(7) Night Firing Capability.	
	c. Firing system (including night firing option) – Main Gun	To be mentioned
	d. Secondary. Belt feed	To be mentioned
	(1) Type of Armament	To be mentioned
	(2) Operating system	To be mentioned
	(3) Rate of Fire	To be mentioned
	(4) Muzzle Velocity	To be mentioned
	(5) Maximum Range	To be mentioned
	(6) Effectiveness Range	To be mentioned
	(7) Loading System	To be mentioned
	(8) Firing system (including night firing option)	To be mentioned

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Ser. No	Description	Specified spec
	e. Ancillary: Smoke Grenade. (1) No of Launchers. (2) Calibre. (3) Effective Range (4) Effective Area (5) Firing Mode (6) Firing System (including night firing option).	To be mentioned
46.	Ammunition (Main Gun).	To be mentioned
	a. Types of Ammunitions	To be mentioned
	b. Ready	To be mentioned
	c. Stowage	To be mentioned
	d. Loading System	To be mentioned
	Fire Control System.	
47.	Fire Control System [Main Gun (if available)]	To be mentioned
48.	Mode of Target Engagement	To be mentioned
49.	Turret Control	To be mentioned
50.	Elevation/Depression	To be mentioned
51.	Turret Traverse	To be mentioned
52.	Firing Port for Troops: (Use of Chinese and European made Small Arms is mandatory).	To be mentioned
53.	Navigation Equipment	To be mentioned
54.	Commander's Panoramic Sight	To be mentioned
55.	Vision Devices.	
	a. Commander. (1) Night : (a) Type: II/TL. Details performance to include ranges, magnifications, field of view (wide angle & narrow angle). (b) The offer should include II and TL both mentioning the price of TL separately	To be mentioned
	(2) Day : (a) Type: to be mentioned (b) Number of Periscope: To be mentioned.	To be mentioned
	b. Gunner. (1) Night : (a) Type: II/TL. Details performance to include ranges, magnifications, field of view (wide angle & narrow angle).	To be mentioned

RESTRICTED

Ser. No	Description	Specified spec
	(2) Day : To be mentioned. (3) Eye Safe : Class 1 c. Driver (1) Night (Passive) (a) Field of view: To be mentioned. (b) Magnification: To be mentioned (c) Range: Min 300 metre (d) Other details to be mentioned.	To be mentioned
	(2) Day : (a) Field of view: 180° (b) Range: To be mentioned (c) No of Periscope: 03 (Option to replace the centre one with II/TI sight). (d) Other details to be mentioned.	To be mentioned
56.	Bore Sighting Telescope Complete Quantity. One for each machine gun. Details to be mentioned.	To be mentioned
	Communication System.	
57.	VHF Radio Set. Receive - Transmit with frequency modulation should be installed in each APC. a. Frequency Range. 30-80MHz b. Channel Spacing 12.5/25 KHz (Compatible with Infantry AN-PRC 77 Communication equipment). c. Power Output. 15-20 Watt. d. Effective/Communication Range. Minimum 10-20 km. e. Must have RF Filter/Shielding and be fitted for communication on move. f. VHF man pack Radio Set.	To be mentioned
58.	HF Radio Set. In addition to the integral VHF Radio Set.	To be mentioned
59.	Inter - communication System : a. For commander, gunner, driver and radio operations and two extra (minimum 6) and one socket our side of hull at the rear for dismounted crew. b. HF, VHF radios and internal communication system should be able to use a single communication head set which toggles between devices (preferable).	To be mentioned
60.	Air Transportability	To be mentioned

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ANNEX B TO

GEN SPEC OF APC (AMB)

Ser. No	Description	Specified spec
1.	Name and complete contact address of the manufacturer /Principal	To be mentioned
2.	Name of the Eqpt	To be mentioned
3.	Country of origin and Manufacturer	To be mentioned
4.	Year of Manufacturer	To be mentioned
5.	Make & Model	To be mentioned
6.	Air conditioning System.	
	a. Model	To be mentioned
	b. Cooling	To be mentioned
	c. Heating	To be mentioned
	d. Capacity	
	(i) Cooling.	To be mentioned
	(ii) Heating.	To be mentioned
7.	Number of Crews	To be mentioned
8.	Configuration	To be mentioned
9.	Combat weight	To be mentioned
10.	Ground clearance	To be mentioned
11.	Protection:	
	a. Kinetic Energy (KE)	To be mentioned in detail with type, calibre, distance, angle azimuth and elevation
	b. Mine explosion/IED	To be mentioned in detail including explosive mass
	c. Anti armour	To be mentioned in detail with type, calibre, angle azimuth and elevation
12.	Length	To be mentioned
13.	Width	To be mentioned
14.	Height (Inclusive Turret) :	To be mentioned
15.	Doors/Hatches : Details to be mentioned.	To be mentioned
16.	Hull Overhang Angle.	
	a. Front	To be mentioned
	b. Rear	To be mentioned

B-1
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Ser. No	Description	Specified spec
17.	Negotiable Obstacles.	
	a. Gradient	To be mentioned
	b. Tilt/Slope	To be mentioned
	c. Angle of Approach	To be mentioned
	d. Angle of departure	To be mentioned
	e. Height of Wave	To be mentioned
	f. Trench Crossing	To be mentioned
	g. Vertical Obstacle Crossing	To be mentioned
	h. Fording Capability	To be mentioned
18.	Wheel Tread.	
	a. Front	To be mentioned
	b. Rear	To be mentioned
19.	Wheel base	To be mentioned
20.	Fuel Endurance in High way	To be mentioned
21.	Amphibious Capability	To be mentioned
22.	Turning Radius	To be mentioned
23.	Winch	To be mentioned
24.	Fuel Tank Capacity	To be mentioned
25.	Speed.	
	a. Road	To be mentioned
	b. Cross Country (average)	To be mentioned
	c. Afloat	To be mentioned
26.	Engine.	
	a. Make & Model	To be mentioned
	b. Maximum power output with RPM	To be mentioned
	c. Torque with RPM	To be mentioned
	d. Power to weight ratio	To be mentioned
	e. Number of cylinder	To be mentioned
	f. Cooling system	To be mentioned
	g. Displacement	To be mentioned

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Ser. No	Description	Specified spec
	h. Bore & Stroke	To be mentioned
	j. Type of Fuel	To be mentioned
	k. Fuel consumption	To be mentioned
	l. Fuel injection pump	To be mentioned
	m. Country of origin	To be mentioned
	n. Year of Manufacture	To be mentioned
27.	Axle: Details to be mentioned.	To be mentioned
28.	Load on Axle.	
	a. Front Axle	To be mentioned
	b. Rear Axle	To be mentioned
29.	Transmission	To be mentioned
30.	Propulsion System on Water	To be mentioned
31.	Transfer case: Details to be mentioned.	To be mentioned
32.	Steering	To be mentioned
33.	Tyre.	
	a. Combat Proof Run Flat: Tyre should run minimum 200 km at a speed of 20 km/h with zero tyre pressure	To be mentioned
	b. Size	To be mentioned
	c. Brand / Type	To be mentioned
	d. County of origin and manufacturer	To be mentioned
	e. Number of Tyre including spare tyre.	To be mentioned
	f. Pattern	To be mentioned
	g. Suitable for cross country Movement.	To be mentioned
	h. Central Tyre Air Inflation System.	To be mentioned
34.	Suspension	To be mentioned
35.	Brake.	
	a. Service	To be mentioned
	b. Parking	To be mentioned
	c. Counter back	To be mentioned
36.	Collective NBC Protection. Minimum NBC protection system should be integrated with the air conditions system. However, details to be mentioned.	To be mentioned

RESTRICTED

Ser. No	Description	Specified spec
	Blower, type	To be mentioned
	Absorber-filter, type, mark	To be mentioned
	a. Air pressurizing system	To be mentioned
	b. Radiation Reconnaissance Device	To be mentioned
	c. Chemical Reconnaissance device and other facilities	To be mentioned
37.	Electrical System.	To be mentioned
	a. Electrical Power Source (Voltage)	To be mentioned
	b. Battery (Quantity, Voltage & AH)	To be mentioned
	c. Starter (Voltage & Capacity in Kw)	To be mentioned
	d. Alternator (Quantity Voltage & capacity in Ampere)	To be mentioned
	e. Auxiliary Power Unit (preferable)	To be mentioned
38.	Ground pressure	To be mentioned
39.	Fire Fighting equipment.	
	Fire Fighting system	To be mentioned
	Method of actuation	To be mentioned
	Extinguishing fluid used	To be mentioned
	Quantity of bottles and their location	To be mentioned
	Quantity of fire sensitive units and their location	To be mentioned
	Portable fire extinguisher	To be mentioned
40.	Special equipment.	
	Shelve with drawers for placing medical equipment	To be mentioned
	Box for placing flasks and parcels	To be mentioned
	Immobilization shield	To be mentioned
	Tool table	To be mentioned
	Tank for water (of 40 L capacity)	To be mentioned
	Canister for drinking water (of 2 L capacity)	To be mentioned
	Wash – stand with tank of 30 L capacity	To be mentioned
41.	Means for placing and transportation of wounded	
	-Sanitary stretchers	To be mentioned
	-Transport carpet	To be mentioned
	-Six – place seat	To be mentioned
	Loading head	To be mentioned
	Awning – cover, set	To be mentioned

RESTRICTED

Ser.	Description	Specified spec
42.	Accessories. a. Lights & gauges. All lights and gauges including blackout lights required for complete operation (Details to be mentioned). b. Other accessories. Mandatory accessories to be supplied (Details to be mentioned). Optional accessories to be supplied.	To be mentioned
43.	Color	To be mentioned
44.	List of tools&accessories, the list of the BMM individual SPTA set.	To be mentioned
45.	List of publications, list of service papers will be supplied with BMM	To be mentioned
46.	Foreign analogs fuel and lubricant materials and also fluids recommended from use with BTR-80, BREM-K, BMM	To be mentioned
47.	Sets of spare parts for maintenance and repair of BTR-80, BREM-K, BMM vehicles	To be mentioned
48.	Navigation Equipment	To be mentioned
49.	Commander's panoramic sight	To be mentioned
50.	Vision Devices. a. Commander. (1) Night : (a) Type: II/TI, Details performance to include ranges, magnifications, field of view (wide angle & narrow angle). (b) The offer should include II and TI both mentioning the price of TI separately (2) Day : (a) Type: to be mentioned (b) Number of Periscope: To be mentioned.	To be mentioned
	c. Driver (1) Night (Passive) (a) Field of view: To be mentioned. (b) Magnification: To be mentioned (c) Range: Min 300 metre (d) Other details to be mentioned.	To be mentioned

RESTRICTED

Ser.	Description	Specified spec
	(2) Day : (a) Field of view: 180° (b) Range: To be mentioned (c) No of Periscope: 03 (Option to replace the centre one with II/TI sight). (d) Other details to be mentioned.	To be mentioned
51.	Communication System.	
51.	VHF Radio Set. Receive - Transmit with frequency modulation should be installed in each APC Ambulance. a. Frequency Range. 30-80MHz b. Channel Spacing 12.5/25 KHz (Compatible with Infantry AN-PRC 77 Communication equipment). c. Power Output. 15-20 Watt. d. Effective/Communication Range. Minimum 10-20 km. e. Must have RF Filter/Shielding and be fitted for communication on move. f. VHF man pack Radio Set.	To be mentioned
52.	HF Radio Set. In addition to the integral VHF Radio Set.	To be mentioned
59.	Inter – communication System : a. For commander, gunner, driver and radio operations and two extra (minimum 6) and one socket our side of hull at the rear for dismounted crew. b. HF, VHF radios and internal communication system should be able to use a single communication head set which toggles between devices (preferable).	To be mentioned
60.	Air Transportability	To be mentioned

RESTRICTED

ANNEX C TO

GEN SPEC OF APC (REC)

Ser. No	Description	Specified spec
1.	Name and complete contact address of the manufacturer /Principal	To be mentioned
2.	Name of the Eqpt	To be mentioned
3.	Country of origin and Manufacturer	To be mentioned
4.	Year of Manufacturer	To be mentioned
5.	Make & Model	To be mentioned
6.	Air conditioning System.	
	a. Model	To be mentioned
	b. Cooling	To be mentioned
	c. Heating	To be mentioned
	d. Capacity	
	(i) Cooling.	To be mentioned
	(ii) Heating	To be mentioned
7.	Number of Crews	To be mentioned
8.	Configuration	To be mentioned
9.	Combat weight	To be mentioned
10.	Ground clearance	To be mentioned
11.	Protection:	
	a. Kinetic Energy (KE)	To be mentioned in detail with type, calibre, distance, angle azimuth and elevation
	b. Mine explosion/IED	To be mentioned in detail including explosive mass
	c. Anti armour	To be mentioned in detail with type, calibre, angle azimuth and elevation
12.	Length	To be mentioned
13.	Width	To be mentioned
14.	Height (Inclusive Turret) :	To be mentioned
15.	Doors/Hatches : Details to be mentioned.	To be mentioned
16.	Hull Overhang Angle.	
	a. Front	To be mentioned
	b. Rear	To be mentioned

C-1
RESTRICTED

RESTRICTED

Ser. No	Description	Specified spec
17.	Negotiable Obstacles.	
	a. Gradient	To be mentioned
	b. Tilt/Slope	To be mentioned
	c. Angle of Approach	To be mentioned
	d. Angle of departure	To be mentioned
	e. Height of Wave	To be mentioned
	f. Trench Crossing	To be mentioned
	g. Vertical Obstacle Crossing	To be mentioned
	h. Fording Capability	To be mentioned
18.	Wheel Tread.	
	a. Front	To be mentioned
	b. Rear	To be mentioned
19.	Wheel base	To be mentioned
20.	Fuel Endurance in High way	To be mentioned
21.	Amphibious Capability	To be mentioned
22.	Turning Radius	To be mentioned
23.	Winch	To be mentioned
24.	Fuel Tank Capacity	To be mentioned
25.	Speed.	
	a. Road	To be mentioned
	b. Cross Country (average)	To be mentioned
	c. Afloat	To be mentioned
26.	Engine.	
	a. Make & Model	To be mentioned
	b. Maximum power output with RPM	To be mentioned
	c. Torque with RPM	To be mentioned
	d. Power to weight ratio	To be mentioned
	e. Number of cylinder	To be mentioned
	f. Cooling system	To be mentioned
	g. Displacement	To be mentioned

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Ser. No	Description	Specified spec
	h. Bore & Stroke	To be mentioned
	j. Type of Fuel	To be mentioned
	k. Fuel consumption	To be mentioned
	l. Fuel injection pump	To be mentioned
	m. Country of origin	To be mentioned
	n. Year of Manufacture	To be mentioned
27.	Axle : Details to be mentioned.	To be mentioned
28.	Load on Axle.	
	a. Front Axle	To be mentioned
	b. Rear Axle	To be mentioned
29.	Transmission	To be mentioned
30.	Propulsion System on Water	To be mentioned
31.	Transfer case : Details to be mentioned.	To be mentioned
32.	Steering	To be mentioned
33.	Tyre.	
	a. Combat Proof Run Flat :Tyre should run minimum 200 km at a speed of 20 km/h with zero tyre pressure	To be mentioned
	b. Size	To be mentioned
	c. Brand / Type	To be mentioned
	d. County of origin and manufacturer	To be mentioned
	e. Number of Tyre including spare tyre.	To be mentioned
	f. Pattern	To be mentioned
	g. Suitable for cross country Movement.	To be mentioned
	h. Central Tyre Air Inflation System.	To be mentioned
34.	Suspension	To be mentioned
35.	Brake.	
	a. Service	To be mentioned
	b. Parking	To be mentioned
	c. Counter back	To be mentioned
36.	Collective NBC Protection. Minimum NBC protection system should be integrated with the air conditions system. However, details to be mentioned.	To be mentioned

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Ser. No	Description	Specified spec
	Blower, type	To be mentioned
	Absorber-filter, type, mark	To be mentioned
	a. Air pressurizing system	To be mentioned
	b. Radiation Reconnaissance Device	To be mentioned
	c. Chemical Reconnaissance device and other facilities	To be mentioned
37.	Electrical System.	To be mentioned
	a. Electrical Power Source (Voltage)	To be mentioned
	b. Battery (Quantity, Voltage & AH)	To be mentioned
	c. Starter (Voltage & Capacity in Kw)	To be mentioned
	d. Alternator (Quantity Voltage & capacity in Ampere)	To be mentioned
	e. Auxiliary Power Unit (preferable)	To be mentioned
38.	Ground pressure	To be mentioned
39.	Fire Fighting equipment	
	Fire Fighting system	To be mentioned
	Method of actuation	To be mentioned
	Extinguishing fluid used	To be mentioned
	Quantity of bottles and their location	To be mentioned
	Quantity of fire sensitive units and their location	To be mentioned
	Portable fire extinguisher	To be mentioned
40.	Special equipment	
	Hand -operated winch	To be mentioned
	Equipment for fixing of the vehicle on the ground	To be mentioned
	Electric welding equipment	To be mentioned
	a. Generator	To be mentioned
	b. Max welding current , A	To be mentioned
	c. Operating votage, V	To be mentioned
	d. Setting –up time, min	To be mentioned
	e. Max electrode dia. mm	To be mentioned
	Usable rope	To be mentioned
	Means of towing	
	Tow bar, pcs	To be mentioned
	flexible coupling, type	To be mentioned
	Load platform	To be mentioned
	Load-carrying, kgf	To be mentioned
	General purpose tools	To be mentioned

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Ser.	Description	Specified spec
41.	Crane Details JIB CRANE: Load capacity, Kg Hoisting mechanism Hoisting height, M	To be mentioned To be mentioned To be mentioned
	HAND OPERATED TOWER CRANE: Load capacity, Kg Hoisting mechanism Hoisting height, M	To be mentioned To be mentioned To be mentioned
42.	Accessories. a. Lights & gauges. All lights and gauges including blackout lights required for complete operation (Details to be mentioned). b. Other accessories. Mandatory accessories to be supplied (Details to be mentioned). Optional accessories to be supplied.	To be mentioned To be mentioned
43.	Color	To be mentioned
44.	List of tools&accessories. the list of the BREM-K individual SPTA set.	To be mentioned
45.	List of publications, list of service papers will be supplied with BREM-K	To be mentioned
46.	Foreign analogs fuel and lubricant materials and also fluids recommended from use with BTR-80, BREM-K, BTR-80K vehicles	To be mentioned
47.	Basic Armament. (1) Type of Armament (2) Operating system (3) Rate of Fire (4) Muzzle Velocity (5) Maximum Range (6) Effectiveness Range (7) Loading System (8) Firing system (including night firing option) e. Ancillary: Smoke Grenade. (1) No of Launchers. (2) Calibre. (3) Effective Range (4) Effective Area (5) Firing Mode (6) Firing System (including night firing option).	To be mentioned To be mentioned

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Ser. No	Description	Specified spec
48.	Vision Devices :	
	Day sight	To be mentioned
	Type	To be mentioned
	Magnification	To be mentioned
	Angular field of view	To be mentioned
	Range	To be mentioned
49.	Day vision devices:	
	Mark	To be mentioned
	Type	To be mentioned
	Quantity, pes	To be mentioned
	Mark	To be mentioned
	Type	To be mentioned
	Quantity, pes	To be mentioned
	Mark	To be mentioned
	Type	To be mentioned
	Quantity, pes	To be mentioned
	Mark	To be mentioned
	Type	To be mentioned
	Quantity, pes	To be mentioned
50.	Turret Control	To be mentioned
51.	Elevation/Depression	To be mentioned
52.	Turret Traverse	To be mentioned
53.	Navigation Equipment	To be mentioned
54.	Commander's Panoramic Sight	To be mentioned
55.	Vision Devices.	
	a. Commander. (1) Night : (a) Type: II/TI. Details performance to include ranges, magnifications, field of view (wide angle & narrow angle). (b) The offer should include II and TI both mentioning the price of TI separately	To be mentioned
	(2) Day : (a) Type: to be mentioned (b) Number of Periscope: To be mentioned.	To be mentioned

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Ser. No	Description	Specified spec
	c. Driver (1) Night (Passive) (a) Field of view: To be mentioned. (b) Magnification: To be mentioned (c) Range: Min 300 metre (d) Other details to be mentioned.	To be mentioned
	(2) Day : (a) Field of view: 180° (b) Range: To be mentioned (c) No of Periscope: 03 (Option to replace the centre one with II/TI sight). (d) Other details to be mentioned.	To be mentioned
56.	Bore Sighting Telescope Complete Quantity. One for each machine gun. Details to be mentioned.	To be mentioned
	Communication System.	
57.	VHF Radio Set. Receive - Transmit with frequency modulation should be installed in each APC. a. Frequency Range. 30-80MHz b. Channel Spacing 12.5/25 KHz (Compatible with Infantry AN-PRC 77 Communication equipment). c. Power Output. 15-20 Watt. d. Effective/Communication Range. Minimum 10-20 km. e. Must have RF Filter/Shielding and be fitted for communication on move. f. VHF man pack Radio Set.	To be mentioned
58.	HF Radio Set. In addition to the integral VHF Radio Set.	To be mentioned
59.	Inter - communication System : a. For commander, gunner, driver and radio operations and two extra (minimum 6) and one socket our side of hull at the rear for dismounted crew. b. HF, VHF radios and internal communication system should be able to use a single communication head set which toggles between devices (preferable).	To be mentioned
60.	Air Transportability	To be mentioned

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ANNEX D TO

GEN SPEC OF APC (COMD POST)

Ser. No	Description	Specified spec
1.	Name and complete contact address of the manufacturer /Principal	To be mentioned
2.	Name of the Eqpt	To be mentioned
3.	Country of origin and Manufacturer	To be mentioned
4.	Year of Manufacturer	To be mentioned
5.	Make & Model	To be mentioned
6.	Air conditioning System.	
	a. Model	To be mentioned
	b. Cooling	To be mentioned
	c. Heating	To be mentioned
	d. Capacity	
	(i) Cooling.	To be mentioned
	(ii) Heating	To be mentioned
7.	Number of Crews	To be mentioned
8.	Configuration	To be mentioned
9.	Combat weight	To be mentioned
10.	Ground clearance	To be mentioned
11.	Protection:	
	a. Kinetic Energy (KE)	To be mentioned in detail with type, calibre, distance, angle azimuth and elevation
	b. Mine explosion/IED	To be mentioned in detail including explosive mass
	c. Anti armour	To be mentioned in detail with type, calibre, angle azimuth and elevation
12.	Length	To be mentioned
13.	Width	To be mentioned
14.	Height (Inclusive Turret) :	To be mentioned
15.	Doors/Hatches : Details to be mentioned.	To be mentioned
16.	Hull Overhang Angle.	
	a. Front	To be mentioned
	b. Rear	To be mentioned

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Ser. No	Description	Specified spec
17.	Negotiable Obstacles.	
	a. Gradient	To be mentioned
	b. Tilt/Slope	To be mentioned
	c. Angle of Approach	To be mentioned
	d. Angle of departure	To be mentioned
	e. Height of Wave	To be mentioned
	f. Trench Crossing	To be mentioned
	g. Vertical Obstacle Crossing	To be mentioned
	h. Fording Capability	To be mentioned
18.	Wheel Tread.	
	a. Front	To be mentioned
	b. Rear	To be mentioned
19.	Wheel base	To be mentioned
20.	Fuel Endurance in High way	To be mentioned
21.	Amphibious Capability	To be mentioned
22.	Turning Radius	To be mentioned
23.	Winch	To be mentioned
24.	Fuel Tank Capacity	To be mentioned
25.	Speed.	
	a. Road	To be mentioned
	b. Cross Country (average)	To be mentioned
	c. Afloat	To be mentioned
26.	Engine.	
	a. Make & Model	To be mentioned
	b. Maximum power output with RPM	To be mentioned
	c. Torque with RPM	To be mentioned
	d. Power to weight ratio	To be mentioned
	e. Number of cylinder	To be mentioned
	f. Cooling system	To be mentioned
	g. Displacement	To be mentioned

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Ser. No	Description	Specified spec
	h. Bore & Stroke	To be mentioned
	j. Type of Fuel	To be mentioned
	k. Fuel consumption	To be mentioned
	l. Fuel injection pump	To be mentioned
	m. Country of origin	To be mentioned
	n. Year of Manufacture	To be mentioned
27.	Axle : Details to be mentioned.	To be mentioned
28.	Load on Axle.	
	a. Front Axle	To be mentioned
	b. Rear Axle	To be mentioned
29.	Transmission	To be mentioned
30.	Propulsion System on Water	To be mentioned
31.	Transfer case : Details to be mentioned.	To be mentioned
32.	Steering	To be mentioned
33.	Tyre.	
	a. Combat Proof Run Flat Tyre should run minimum 200 km at a speed of 20 km/h with zero tyre pressure	To be mentioned
	b. Size	To be mentioned
	c. Brand / Type	To be mentioned
	d. County of origin and manufacturer	To be mentioned
	e. Number of Tyre including spare tyre.	To be mentioned
	f. Pattern	To be mentioned
	g. Suitable for cross country Movement.	To be mentioned
	h. Central Tyre Air Inflation System.	To be mentioned
34.	Suspension	To be mentioned
	Brake.	
	a. Service	To be mentioned
	b. Parking	To be mentioned
	c. Counter back	To be mentioned

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Ser. No	Description	Specified spec
36.	Collective NBC Protection. Minimum NBC protection system should be integrated with the air conditions system. However, details to be mentioned.	To be mentioned
	a. Air pressurizing system	To be mentioned
	b. Radiation Reconnaissance Device	To be mentioned
	c. Chemical Reconnaissance device and other facilities	To be mentioned
37.	Electrical System.	To be mentioned
	a. Electrical Power Source (Voltage)	To be mentioned
	b. Battery (Quantity, Voltage & AH)	To be mentioned
	c. Starter (Voltage & Capacity in Kw)	To be mentioned
	d. Alternator (Quantity Voltage & capacity in Ampere)	To be mentioned
	e. Auxiliary Power Unit (preferable)	To be mentioned
38.	Ground pressure	To be mentioned
39.	Lights and Gauges.	
	All lights and gauges including blackout lights required for complete operation (Details to be mentioned).	To be mentioned
	Colour	To be mentioned
	List of tools&accessories, the list of the BTR-80K APC individual SPTA set.	To be mentioned
42.	List of publications, list of service papers will be supplied with BTR-80K APC	To be mentioned
43.	Foreign analogs fuel and lubricant materials and also fluids recommended from use with BTR-80, BTR-80K, BREM-K vehicles	To be mentioned

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Ser. No	Description	Specified spec
44.	Basic Armament.	To be mentioned
45.	Basic Armament.	To be mentioned
	a. Type of armament	To be mentioned
	b. Performance Data (main Gun). (1) Calibre : Turret mounted. (2) Operating System. (3) Rate of Fire. (4) Muzzle Velocity (5) Maximum Range : Capable of engaging targets effectively at a distance of minimum 2000 meters. (6) Loading System. (7) Night Firing Capability.	To be mentioned
	c. Firing system (including night firing option) – Main Gun	To be mentioned
	d. Secondary. Belt feed	To be mentioned
	(1) Type of Armament	To be mentioned
	(2) Operating system	To be mentioned
	(3) Rate of Fire	To be mentioned
	(4) Muzzle Velocity	To be mentioned
	(5) Maximum Range	To be mentioned
	(6) Effectiveness Range	To be mentioned
	(7) Loading System	To be mentioned
	(8) Firing system (including night firing option)	To be mentioned
	e. Ancillary: Smoke Grenade. (1) No of Launchers. (2) Calibre. (3) Effective Range (4) Effective Area (5) Firing Mode (6) Firing System (including night firing option).	To be mentioned

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Ser. No	Description	Specified spec
46.	Ammunition (Main Gun).	
	a. Types of Ammunitions	To be mentioned
	b. Ready	To be mentioned
	c. Stowage	To be mentioned
	d. Loading System	To be mentioned
	Fire Control System.	
47.	Fire Control System [Main Gun (if available)]	To be mentioned
48.	Mode of Target Engagement	To be mentioned
49.	Turret Control	To be mentioned
50.	Elevation/Depression	To be mentioned
51.	Turret Traverse	To be mentioned
52.	Firing Port for Troops: (Use of Chinese and European made Small Arms is mandatory).	To be mentioned
53.	Navigation Equipment	To be mentioned
54.	Commander's Panoramic Sight	To be mentioned
55.	Vision Devices.	
	a. Commander. (1) Night : (a) Type: II/TI. Details performance to include ranges, magnifications, field of view (wide angle & narrow angle). (b) The offer should include II and TI both mentioning the price of TI separately	To be mentioned
	(2) Day : (a) Type: to be mentioned (b) Number of Periscope: To be mentioned.	To be mentioned
	b. Gunner. (1) Night : (a) Type: II/TI. Details performance to include ranges, magnifications, field of view (wide angle & narrow angle).	To be mentioned

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Ser. No	Description	Specified spec
	(2) Day : To be mentioned.	To be mentioned
	(3) Eye Safe : Class 1	To be mentioned
	c. Driver (1) Night (Passive) (a) Field of view: To be mentioned. (b) Magnification: To be mentioned (c) Range: Min 300 metre (d) Other details to be mentioned.	To be mentioned
	(2) Day : (a) Field of view: 180° (b) Range: To be mentioned (c) No of Periscope: 03 (Option to replace the centre one with II/TI sight). (d) Other details to be mentioned.	To be mentioned
56.	Bore Sighting Telescope Complete Quantity. One for each machine gun. Details to be mentioned.	To be mentioned
	Communication System.	
57.	VHF Radio Set. Receive - Transmit with frequency modulation should be installed in each APC. a. Frequency Range, 30-80MHz b. Channel Spacing 12.5/25 KHz (Compatible with Infantry AN-PRC 77 Communication equipment). c. Power Output, 15-20 Watt. d. Effective/Communication Range. Minimum 10-20 km. e. Must have RF Filter/Shielding and be fitted for communication on move. f. VHF man pack Radio Set.	To be mentioned
58.	HF Radio Set. In addition to the integral VHF Radio Set.	To be mentioned
59.	Inter – communication System : a. For commander, gunner, driver and radio operations and two extra (minimum 6) and one socket our side of hull at the rear for dismounted crew. b. HF, VHF radios and internal communication system should be able to use a single communication head set which toggles between devices (preferable).	To be mentioned
60.	Air Transportability	To be mentioned