

বাংলাদেশ বিমান বাহিনীর জন্য VHF AM Airband RT (Handheld, Portable & Base Sta) along with all accessories Including HF/VHF/UHF software defined Radio (SDR) and HF RT (125W and 500W) along with all accessories including Fax and Data Modem এর Brand, Country of origin and latest Production Model প্রমিতকরনের লক্ষ্যে প্রদত্ত Technical Specification অনুযায়ী সংশ্লিষ্ট সরবরাহকারীগণের (অত্র মহাপরিদপ্তরের তালিকাভূক্ত সংস্থা সমূহ) নিকট হতে আবেদন পত্র আহবান করা যাচ্ছে। উক্ত প্রমিতকরনের জন্য আগ্রহী সরবরাহকারীগন Technical Specifications টি DGDP Website থেকে সংগ্রহ করত তা পূরন করে প্রমিতকরণতব্য VHF AM Airband RT এর Brochure (Containing all Technical Information including latest production model, brand country of origin) সহ ০২ কপি আগামী ২৬ অক্টোবর ২০২৫ তারিখের মধ্যে নিম্ন স্বাক্ষরকারী বরাবর জমা দেওয়ার জন্য অনুরোধ করা হলো।

আরিফ আনজুম ক্ষোয়াড্রন লীডার মহাপরিচালকের পক্ষে

তারিখঃ 🖖 অক্টোবর ২০২৫

TECHNICAL SPECIFICATIONS OF VHF AM AIRBAND RT (HANDHELD)

Ser No	Description		Specification Specified	To be filled up b Principal/Manufacture
1.	Name of local agent with full address		To be mentioned.	, micipal/Manufacture
2.	Name of Manufacturer with full address	•	To be mentioned.	
3.	Name of the Principal with full address		To be mentioned.	
4.	Type of Equipment		VHF AM Airband RT (Handheld).	
5.	Brand	:	To be mentioned.	
6.	Model	:	To be mentioned.	***************************************
7.	Year of Manufacture	•	Not earlier than one Calendar Year of contract/purchase order	
8.	Country of Origin	;	USA/EU Countries/UK/Japan	
9.	Country of Manufacturer		USA/EU Countries/UK/Japan	
10.	Frequency Range	:	118 MHz to 136 MHz	
11,	Channel Spacing	:	25 KHz	
12.	Number of Preset Channel	:	10 Channels or more	
13.	Frequency Generation	•	Synthesized	
14.	Transmitter Output Power		1.8 Watt (Carrier)/ 6 Watt (PEP) or better	New Control of the Co
15.	Type of Modulation	:	Amplitude Modulation	
16.	Receiver Sensitivity	:	1 μVolt at 6 dB S/N ratio or better	
17.	Selectivity		60 dB at 25 KHz or better	
18.	Speaker		Built-in Speaker	
19.	Audio Output	:	More than 350 mW	
20.	Antenna Type	:	Helical	
21.	Operating Power	o constitucion de la company de la constante	a. 7~12 Volt DC (Built-in battery with capacity 2350mAh) b. External power supply with adapter of 220~ 240 Volt AC, 50 Hz	
22.	a. Li-ion Battery (Capacb. Antennac. AC adapter with char	ity ae	re to be supplied with each RT set: : 2350mAh) Ea-02 Ea-02 r Ea-01	
23.	 d. Operation manual/ Use Any other items required for provided by the supplier. 	r	guide Ea-01 making the equipment operational and	I serviceable are to be





TECHNICAL SPECIFICATIONS OF VHF AM AIRBAND RT (PORTABLE)

Ser No	Description	*	Specification Specified	To Prin		filled /Man		by
1,	Name of local agent with full address		To be mentioned.		io.Po.			
2.	Name of Manufacturer with full address	*	To be mentioned.		***************************************		MANUFACTOR ASSESSMENT OF THE SECOND	and and an artist of the second
3.	Name of the Principal with full address	:	To be mentioned.		**********************	deddo go co goniae ga sia nn	occordence are an annual a	***************************************
4.	Type of Equipment	,	Portable VHF AM Air band RT (Synthesized Frequency Generation System) for ground to air communication		MODERN CONTROL			KOTERONOMA
5	Brand	:	To be mentioned.		more we decided		Marchael Control of the Control	
6.	Model	:	To be mentioned.		ANNEXE POR COR CO		***	*******
7.	Year of Manufacture	:	Not earlier than one Calendar Year of contract/purchase order		honormore remember		************	***************************************
8.	Country of Origin	*	USA/EÚ Countries/UK/Japan			****		
9.	Country of Manufacturer	*	USA/EU Countries/UK/Japan		***********	***************************************	and contributions	YOU CONTRA
10.	Frequency Range	:	118 MHz to 136.975 MHz			****		
11.	Channel Separation		8.33 KHz and 25 KHz		***************************************			-
12.	Number of Preset Channel	•	30 Channels or more					
13.	Transmitter Power Output	:	10 Watt or more	C-4000000000000000000000000000000000000	***************************************			
14.	Depth of Modulation	:	≥70%		*********			
15.	Sensitivity		1μ volt/ -107 dBm or better at 6dB S/N ratio	Michigan Company	PROPERTIES AND ADDRESS OF THE PROPERTY OF THE			* 180 e renoù
16.	Selectivity	*	≥70 dB at ± 25 KHz			······································	***	***
17.	Audio Output	:	≥4 Watt	Terrological de la constantina de la c	**********************		~~~~ ***************	*******
18.	Microphone	:	01 x Dynamic Microphone with PTT is to be provided with each RT set.	************************	***************************************			
19.	Headset/Speaker	•	Provision for using both headset with inline PTT key and Built in Speaker. 01 x Headset with inline PTT key is to be provided with each RT set.		nerodeningen - descend		and the control of th	(Andersones our
20.	Antenna	•	a. 01 x High Gain (6dB or more) Steel-band Antenna is to be provided with each RT set b. 01 x Roof antenna with clamp and other accessories (if any) is to be provided with each RT set.		economic de la companya de la compa		and the same of th	econocides de
21.	Antenna Impedance		To be mentioned.			****		CONT SANGE
22.	Power Supply requirement		Built in Battery (12 Volt DC, ≥7Ah) with charger (Input voltage 220-240 Volt AC, 50 Hz) is to be provided	inter germagen namenden over	VIV. B. MORRES BOLLOWS	999° (1) (1990) (1) (1990) (1) (1990) (1) (1990) (1) (1990) (1) (1990) (1) (1990) (1) (1990) (1) (1990) (1) (1	drien in conditionary en en en	ico-manasana.
23.	Feeder Cable	:	with each RT set. 50 meter coaxial feeder cable with appropriate connectors and 01 set spare connectors is to be provided with each	per en la companya de	enonnenenenenen	ennandelessannen er en delene.		





Ser No Description	•	Specification Specified	To be filled up by Principal/Manufacturer					
		RT set. Cost of feeder cable and connectors is also to be mentioned if the cost is not included with main equipment.						
24.	The RT set must be placed in microphone and steel band ar	a p	ortable handle case, which must have nna inside the case.	the provision to keep the				
25.	The equipment must have recording provision, recording jack (3.5mm) with connecting lead is to be provided with each RT.							
26.	Any other items required for provided by the bidder.	'n	naking the equipment operational and	d serviceable are to be				





TECHNICAL SPECIFICATIONS FOR DIGITAL HF RT (500W) ALONG WITH ALL ACCESSORIES INCLUDING FAX AND DATA MODEM

Ser No	Description		Specification Specified	To be filled up k Principal/Manufacture
1,	Name of local agent with full address	:	To be mentioned.	1 molpal/wandracture
2.	Name of Manufacturer with full address	:	To be mentioned.	
3.	Name of the Principal with full address	:	To be mentioned.	
4.	Type of Equipment	;	Digital HF RT 500 Watt for long range communication	
5.	Brand	1:	To be mentioned.	
6.	Model	1	To be mentioned.	
7.	Year of Manufacture	:	Not earlier than one Calendar Year of contract/purchase order	
8.	Country of Origin	:	Australia/Newzeland/USA/EU Countries/UK/Japan	
9.	Country of Manufacturer		Australia/Newzeland/USA/EU Countries/UK/Japan	
10.	Frequency Range	:	1.6 MHz to 30 MHz (Synthesized).	
11.	Pre-set Channel	:	1000 or more pre-set channel. Simplex, Semi-Duplex or Duplex.	
12.	Mode of operation		SSB, USB, LSB (J3E), AM (H3E), CW (J2A), AFSK (J2B), FSK (F1B) Software controlled.	
13.	Transmitter Output Power	:	100-150 PEP ± 1dB	
14.	Scanning	3	Automatic scanning of minimum 05 channels per second.	
15.	Power Supply requirement		a. AC: 220± 10% single phase, 50 Hz b. DC: 12V/24V (Nominal)	-
16.	Frequency Stability	:	± 0.5 ppm from -30°C to +60°C	
17.	Receiver Sensitivity	:	0.12 μV, –125 dBm for 10 dB SINAD.	
18.	Selectivity	:	>70 dB at -1 KHz.and +4 KHz ref SCF USB	
19.	Audio Output	:	4 Watt	
20.	Metering Facility		Equipment's handset/ front panel meter must indicate Signal Strength.	
21.	Automatic Link Establishment (ALE)		The equipment should have the Automatic Link Establishment (ALE) provision (built in).	
22.	Selective calling facility	•	The equipment should have the selective calling facility.	
23.	Antenna with Feeder Cable		Broad band Antenna with 50 meter feeder cable with connectors and 01 set extra connectors are to be provided with RT set as part of the main set.	







Ser No	Description	:	Specification Specified	To be Principa	filled	up	by
24.	Fax and Data Modem	**	01 x Fax and Data Modem including necessary cables and connectors are to be provided with each RT set as essential item.		withana	lactu	161
25.	Additional items		The equipment should have the remote control over IP. Cost of remote-control module is to be quoted separately as optional item.				***************************************
26.	Special Features	:	New provision/ facility (if any) is to be mentioned in the offer.		***************************************		
27.	Operational manual/ user	auic	le in English version is to be provided w	ith the DT	Cont		
28.	All License of software pro	vide	ed with the set must be perpetual in natu	uro /if	set.		
29.	Item must be compatible for	or v	pice, Fax and data communication with	evicting L	ulrea).	6 D A	p
30.	Any other items required provided by the supplier.	for	making the equipment operational an	d service	able w	onlq	be





TECHNICAL SPECIFICATIONS FOR DIGITAL HF RT (125W) ALONG WITH ALL ACCESSORIES INCLUDING FAX AND DATA MODEM

Ser No	Description	:	Specification Specified			filled Nanuf	up	b
1.	Name of local agent with full address	:	To be mentioned.	Time	пратт	nanui	actur	CI
2.	Name of Manufacturer with full address	:	To be mentioned.					*************
3.	Name of the Principal with full address	:	To be mentioned.		***************************************	***************************************		-
4.	Type of Equipment	:	Digital HF RT 125 Watt for long range communication					***********
5.	Brand	1:	To be mentioned.					
6.	Model	:	To be mentioned.		***************************************			
7.	Year of Manufacture	:	Not earlier than one Calendar Year of contract/purchase order		and the second second second second	**************************************		vecerares
8.	Country of Origin	:	Australia/Newzeland/USA/EU Countries/UK/Japan					Africano,
9.	Country of Manufacturer	:	Australia/Newzeland/USA/EU Countries/UK/Japan				·	***********
10.	Frequency Range	1:	1.6 MHz to 30 MHz (Synthesized).			***************************************	***************************************	
11.	Pre-set Channel	:	1000 or more pre-set channel. Simplex, Semi-Duplex or Duplex.			***************************************		
12.	Mode of operation	* .	SSB, USB, LSB (J3E), AM (H3E), CW (J2A), AFSK (J2B), FSK (F1B) Software controlled.				***************************************	***************************************
13.	Transmitter Output Power	1:	100-150 PEP ± 1dB					******
14.	Scanning	:	Automatic scanning of minimum 05 channels per second.			***************************************		
15.	Power Supply requirement		a. AC: 220± 10% single phase, 50 Hz b. DC: 12V/24V (Nominal)					***************************************
16.	Frequency Stability	;	± 0.5 ppm from -30°C to +60°C					
17.	Receiver Sensitivity		0.12 µV, -125 dBm for 10 dB SINAD.	***************************************	-	~~~		
18.	Selectivity	· ·	>70 dB at -1 KHz and +4 KHz ref SCF USB	***************************************		***************************************		*******
19.	Audio Output	:	4 Watt					OMMO CON
20.	Metering Facility	;	Equipment's handset/ front panel meter must indicate Signal Strength.					energe co
21.	Automatic Link Establishment (ALE)	;	The equipment should have the Automatic Link Establishment (ALE) provision (built in).		minini omanopia saanegoobyyy			***************************************
22.	Selective calling facility	;	The equipment should have the selective calling facility.	***************************************				
23.	Antenna with Feeder Cable	:	Broad band Antenna with 50 meter feeder cable with connectors and 01 set extra connectors are to be provided with RT set as part of the main set.				***************************************	-











Ser No	Description	:	Specification Specified	To be filled up by Principal/Manufacturer
24.	Fax and Data Modem		01 x Fax and Data Modem including necessary cables and connectors are to be provided with each RT set as essential item.	
25.	Additional items		The equipment should have the remote control over IP. Cost of remote-control module is to be quoted separately as optional item.	
26.	Special Features	:	New provision/ facility (if any) is to be mentioned in the offer.	
27.	Operational manual/ user	auic	de in English version is to be provided v	with the PT cet
28.	All License of software pro	vid	ed with the set must be perpetual in nat	hure /if required)
29.	Item must be compatible f	or v	oice, Fax and data communication with	evicting HE DT of DAE
30.	Any other items required provided by the supplier.	for	making the equipment operational ar	nd serviceable would be





TECHNICAL SPECIFICATIONS OF VHF AM AIRBAND RT (BASE STATION)

Ser No	Description		Specification Specified	To be filled up by Principal/Manufacturer
1.	Name of local agent with full address		To be mentioned.	T Thicipal/Manufacturer
2.	Name of Manufacturer with full address		To be mentioned.	
3.	Name of the Principal with full address	*	To be mentioned.	
4,	Type of Equipment		Base Station VHF AM Air band RT (Synthesized Frequency Generation System) for ground to air communication	
5.	Brand	1	To be mentioned.	M-1000000000000000000000000000000000000
6.	Model	1:	To be mentioned.	
7.	Country of Origin	•	USA/EU Countries/UK/Japan	
8.	Country of Manufacturer	* *	USA/EU Countries/UK/Japan	The second secon
9.	Frequency Range	:	118 MHz to 136.975 MHz	
10.	Channel Separation	:	25 KHz	Marian and American American and American American American
11.	No of Pre-set Channel	:	30 Channels or more	
12.	Transmitter Power Output	,	50 Watt or more.	
13.	Duty Cycle		Continuous.	
14.	Type of Modulation		Amplitude Modulation	
15.	Sensitivity	:	1μ volt/ -107dBm or better for 12dB SINAD	
16.	Selectivity	•	70 dB or more at 25KHz.	
17.	Frequency Stability		± 1ppm	
18.	Speaker		Built in Speaker	
19.	Audio Output	:	≥4 Watt into 4Ω / ≥2 Watt into 8Ω.	
20.	Antenna		High Gain (6dB or more) Roof Top Antenna with mounting clamps for fixing antenna	
21	Feeder Cable	0.1.00000000000000000000000000000000000	50-meter coaxial feeder cable with appropriate connectors and 02 x extra connectors is to be provided with the RT set.	and the second s
22.	Power Supply requirement		Provision for both AC and DC. 24V DC/ 220-240 Volt AC 50 Hz (Automatic change over to DC in case of AC failure).	
23.	01 x Headset with inline I		T key is to be provided with the RT	
24.	01 v Microphass St. 55		s to be provided with the RT.	







Ser No	Description		Specification Specified	To be filled up by Principal/Manufacturer
25.	The equipment must	have fac	ility to operate from desk console	e as well as remotely over IP.
26.	The equipment must provided with each R	have rec	ording provision. Recording jack	with connecting lead is to be
27.	Any other items required provided by the bidde	ired for r	making the equipment operation	al and serviceable would be





