### বিজ্ঞপ্তি

বাংলাদেশ বিমান বাহিনীর জন্য VHF AM Airband RT (Handheld, Portable & Base Sta) along with all accessories and HF RT (125W) along with all accessories incl Fax and Data Modem এর Brand, Country of origin and latest Production Model প্রমিতকরনের লক্ষ্যে প্রদন্ত Technical Specification অনুযায়ী সংশ্রিষ্ট সরবরাহকারীগণের (অত্র মহাপরিদপ্তরের তালিকাভূক্ত সংখ্যা সমূহ) নিকট হতে আবেদন পত্র আহবান করা যাচেছ। 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 ০৯ জানুয়ারী ২০২৫ তারিখের মধ্যে নিমু স্বাক্ষরকারী বরাবর জমা দেওয়ার জন্য অনুরোধ করা হলো।

আরিফ আনজুম কোয়াড্রন লীডার মহাপরিচালকের পক্ষে

তারিখঃ ৄৢৄ৳ ডিসেম্বর ২০২৪

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DT:	29	SEP 24

# TECHNICAL SPECIFICATIONS OF VHF AM AIRBAND RT (PORTABLE) ALONG WITH ALL ACCESSORIES

Ser No	Description	:	Specification Specified	To be filled up b Principal/Manufacturer
1.	Name of local agent with full address		To be mentioned	
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		Portable VHF AM Air band RT (Synthesized Frequency Generation System) for ground to air communication	
5.	Brand	1:	To be mentioned.	and the state of t
6.	Model		To be mentioned.	
7.	Year of Manufacture	i	Not earlier than one Calendar Year of the contract/purchase order	
8.	Country of Origin	1:	USA/EU Countries/UK/Japan	
	Country of Manufacturer		USA/EU Countries/UK/Japan	
	Frequency Range		118 MHz to 136.975 MHz	
	Channel Separation		8.33 KHz and 25 KHz	S. A. S.
12.	No of Pre-set Channel		30 Channels or more	
	Transmitter Power Output		10 Watt or more	
14.	Depth of Modulation		≥70%	
15.	Sensitivity		1μ volt/ -107 dBm or better at 6dB S/N ratio	
6.   5	Selectivity	:	≥70 dB at ± 25 KHz	
7. A	Audio Output		*≥4 Watt	1/17 2 1/14
	Microphone		01 x Dynamic Microphone with PTT is to be provided with each RT set.	
	eadset/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.	
	nlenna	i i i i i i i i i i i i i i i i i i i	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 be provided with each RT set.	
1	enna Impedance :		o be mentioned	
1 .	wer Supply :		Built in Battery (12 Volt DC, ≥7Ah) with charger (Input voltage 220-	

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		CONFIDENTIAL  240 Volt AC, 50 Hz) is to be provided with each RT set.  50 meter coaxial feeder cable with	
23.	Feeder Cable	appropriate connectors and 0 r set spare connectors is to be provided with each RT set. Cost of feeder cable and connectors are to be mentioned separately if the cost is not included with main equipment.	15.5. V. S.
24.	must have the provision antenna inside the case.	aced in a portable handle case, which to keep the microphone and steel band	
25.	(3.5mm) with connecting	ave recording provision, recording jack plead is to be provided with each RT.	
26.	Any other items require	d for making the equipment operational perprovided by the bidder.	



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ANX	037.109.24.001(5	PS-SIG GEN
06.03.2600	79	SEP 24
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# TECHNICAL SPECIFICATIONS OF VHF AM AIRBAND RT (BASE STATION 50W) ALONG WITH ALL ACCESSORIES

er	Description :		Specification Specified	To	be cipal/l	filled Manufa	up cture	by r
10				1 (11)	oipuir!			
	Name of local agent with full address		To be mentioned	10 2-10				
2.	Name of Manufacturer with full address		To be mentioned					
3.	Name of the Principal with full address		To be mentioned		20.00			
4.	Type of Equipment	•	Base Station VHF AM Air band RT (Synthesized Frequency Generation System) for ground to air communication					-1.5-m
5.	Brand	:	To be mentioned			- TON CARD III		
6.	Model	:	To be mentioned  Not earlier than one Calendar					
7.	Year of Manufacture	:	Year of the contract/purchase order USA/EU Countries/UK/Japan			A		
8.	Country of Origin	:	USA/EU Countries/UK/Japan					
5.	Country of Manufacturer	:	USA/EU Countries/UK/Japan  Not earlier than one Calenda	r				
9.	Year of Manufacture	:	Year of the contract/purchase	3			- 1410 <u>-</u>	
40	Frequency Range	:	118 MHz to 136.975 MHz	1				
10.	Channel Separation	:	25 KHz				TI SERVICE OF THE PARTY OF THE	
11.	No of Pre-set Channel	1	30 Channels or more					
12.	Transmitter Output		50 Watt or more					
13.	Hansimile		Annual State of the State of th	1 200				
	Power		Continuous	- 10	mont - I	- Control	14	
14.	Duty Cycle		: Amplitude Modulation (AM)	-	-	- SIBBOXANII		III dies
15.	Type of Modulation	1	1 10 volt / -107dBm or better for	10				
16.	Sensitivity	1	dB SINAD: 70 dB or more at 25KHz.	+				
17.	Selectivity		- TO UB OF THOSE DE LES	- 14	-			
18.	Freq stability		: ±1 ppm		in the second			
	Canaker		Built-in Speaker	0				
19.		1	: ≥4 Watt into 4Ω / ≥2 Watt into 8	22.				
20.			High Gain (6 dB or more) R	001				
21.			Top Antenna with mount clamps for fixing antenna	ble				
22.			fitted with appropriate conflect and 02 extra connectors is to provided with the RT set	be DC.				
23	Power Suppl	У	24V DC/ 220-240 Volt, AC 50	Hz.			R.	

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	(Automatic change over to DC in case of AC failure)
24.	01 x Microphone with PTT is to be provided with the RT
25. 26. 27.	Of x Headset with inline PTT key is to be provided with the RT
11=00.00	provided with each RT
28.	Any other items required for making the equipment operational and serviceable would be provided by the bidder



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DT	29	SEP 24

## TECHNICAL SPECIFICATIONS OF VHF AM AIRBAND RT (HANDHELD) ALONG WITH ALL ACCESSORIES

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Sei	Description	:	Specification Specified	Principal/Manufacturer
1.	Name of local agent with full address	:	To be mentioned	
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	1	To be mentioned	
6.	Model	:	To be mentioned	
7.	Year of Manufacture	:	Not earlier than one Calendar Year of the 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	pFit
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	
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		Helicai	<u> </u>
21.	Operating Power		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.		ite	ms are to be supplied with each RT	
	set:  a. Li-ion Battery (Cap b. Antenna c. AC adapter with cl d. Operation manual	na.	rger Ea-02 Iser guide Ea-01	
23.	Any other items required and serviceable are to be	f	or making the equipment operational	

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DT:	29	SEP 24

## TECHNICAL SPECIFICATION FOR DIGITAL HF RT (125W) ALONG WITH ALL ACCESSORIES INCL FAX AND DATA MODEM

Ser   No	Description	:	Specification Specified	To be filled up by Principal/Manufacturer
1.	Name of local agent with full address	:	To be mentioned	
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 Transceiver 125 Watt for long range communication	
5.	Brand	•	To be mentioned	
6.	Model	:	To be mentioned	
7.	Year of Manufacture	:	Not earlier than one Calendar Year of the 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:	1.6 MHz-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:	100-150W PEP ±1 dB.	
14.	Scanning	:	Automatic Scanning of minimum 05 channels per second	
15.	Power Supply Requirement	:	a. AC: 220V ±10% Single Phase, 50 Hz b. DC: 12V/ 24V (ivominal).	
16.	Frequency Stability	:	±0.5 ppm from -30°C to +60°C	
17.	Receiver Sensitivity	:	$0.02~\mu V$ , $-125~dBm$ 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 SWR & Signal Strength	1
21.	Automatic Link Establishment (ALE)	. 9	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	4

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		connectors and 01 set extra connectors are to be provided with RT set as part of the main set
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
27.	Operational manual/ user	quido i- F. v. I
28.	All license of software pro	guide in English version is to be provided with the RT set
29.	Items must be compatible	vided with the set must be perpetual in nature (if required) for voice, Fax and data communication with existing HF RT of
30.	Any other items required provided by the supplier	for making the equipment operational and serviceable would be