

RESTRICTED

j.	Weight	To be mentioned.
k.	Battery power and charge life	2600 mAh ($\pm 10\%$) and backup 24 hrs or more
l.	Display	Offered item must have display to indicate channel, charging amount & any other features (If any).
m.	Operating mode	Offered Walkie Talkie should be able to operate in both analogue and digital mode.
n.	Life Expectancy	To be mentioned
p.	Compatibility	The offered model shall be capable to communication through BN's existing IP linking VHF Repeater Motorola, Mototrbo SLR 8000 and directly with existing Walkie Talkie sets in both digital and analogue mode.
q.	Inbuilt voice scrambler facility	Offered item must have inbuilt voice scrambler facility by which user can establish secure voice communication as and when required with set having similar facility. User also must be able to communicate with other set which doesn't have scramble facility. Same scramble facility must be available in group communication via repeater.
r.	Protocol (FDMA/TDMA/CDMA)	Compatible for Motorola, Mototrbo SLR 8000 Repeater or to be mentioned.
s.	Hum & Noise	≤ 50 dB.
t.	Life Expectancy of the Equipment	To be mentioned.
<u>Transmitter</u>		
u.	Output power	5/3/1 W (High/ mid/ low).
v.	Frequency stability	Less than ± 2.5 ppm
w.	Modulation type	To be mentioned.
x.	Spurious emissions	To be mentioned.
y.	Audio harmonic distortion	$\leq 10\%$.
z.	Adjacent channel power	< 80 dB in Digital/Analog.
aa.	Channel spacing	To be mentioned.
<u>Receiver</u>		
ab.	Sensitivity	At 5% BER - To be mentioned At 12 dB SINAD - To be mentioned
ac.	Adjacent channel selectivity	Digital- to be mentioned Analog- to be mentioned
ad.	Intermodulation rejection	Digital- to be mentioned Analog- to be mentioned
ae.	Spurious response rejection	70-80 dB typical
af.	Audio output power	350 mW (at 10% distortion with 8Ω load).



c.	-	Rechargeable Li-ion battery				
d.	-	Belt clip				
e.	-	Rapid rate Charger with adaptor				
f.	-	2 Wire Surveillance Kit, with audio Translucent Tube				
g.	-	Operation Manual				
h.	-	Programming Kit				
j.	-	License Software				
k.	-	Others (If any)				

18. **Manual.** Following manual in English are to be provided free of cost at the time of delivery:

- (1) **Operators Manual.** One set of original operators manual (covering major system units) is to be provided with each Walkie Talkie set.
- (2) **Technical Manual.** Three sets of original technical/operating manuals (covering principle design and operations, detail circuit diagram, trouble shooting flowchart etc) for all supplied Walkie Talkie/accessories is to be provided.
- (3) **Workshop Level Repair Manual.** Two sets of workshop level repair manual.

19. **Test and Trial.** Technically suitable bidders will have to submit 04 (four) sets of VHF Walkie Talkie with hand free headsets for test and trial to BN. The supplier is to submit the Walkie Talkie sets within 02 (two) weeks from the date of issuing letter. In this regards, one set of programming kit and software for programming/cloning, one set of original technical and operating manual (covering major system units) must be provided with the sample Walkie Talkie sets. Without test and trial concerned bidder will not be considered as qualified supplier. During test and trial following will be checked:

Ser	Name	Description
a.	Range coverage	To be checked as per offered range
b.	Frequency range	136-174 MHz.
d.	Channel capacity	16 programmable Channel or more.
e.	Power supply requirement	To be checked as per offered range
f.	Dimensions (WXHDXD) mm	As per offer.
g.	Weight	As per offer.
h.	Battery power and charge life	2600 mAh ($\pm 10\%$) and backup 24 hrs or more.
j.	Display	Offered item must have display to indicate channel, charging amount & any other features (If any).
k.	Operating mode	Offered Walkie Talkie should be able to operate in both analogue and digital mode.
l.	Compatibility	The offered model shall be capable to communication through BN,s existing IP linking VHF Repeater (Motorola, Mototrbo SLR 8000) and directly with existing Walkie Talkie sets in both digital and analogue mode.
m.	Inbuilt voice scrambler facility	Offered item must have inbuilt voice scrambler facility by which user can exchange secure voice communication as and when required, with set having similar facility. Moreover, user must be able to communicate with other set which doesn't have scramble facility. Same scramble facility must be available in group communication via repeater.
n.	Output power	5/3/1 W (High/ mid/ low).
p.	Hands free Headsets	To be checked with offered Walkie Talkie.



সীমিত

বিজ্ঞপ্তি

প্রতিরক্ষা দ্রব্য মহাপরিদপ্তর
(নৌ দ্রব্য শাখা-১)

জরুরি

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বাংলাদেশ টেলিযোগাযোগ নিয়ন্ত্রণ কমিশন (BTRC) এর এনলিস্টেড হওয়া এবং বেতার যন্ত্রপাতি আমদানীর পূর্বে কমিশনের পূর্বানুমতি গ্রহণের শর্ত সংযোজন প্রসঙ্গে

১। বাংলাদেশ টেলিযোগাযোগ নিয়ন্ত্রণ আইন-২০০১ (সংশোধিত আইন-২০১০) এর বিধি অনুযায়ী নিম্নবর্ণিত দরপত্রটিতে নিম্নোক্ত শর্ত সংযোজন করা হলোঃ

ক্রঃ	দরপত্র নম্বর ও তারিখ	সংযোজিত নতুন শর্ত স্থানীয় প্রতিনিধির জন্য - বৈদেশিক মুদ্রায় দ্রব্যের ক্ষেত্রে
১।	২৪২.০৭.০৮১.২০২৫ তারিখ ১৮ সেপ্টেম্বর ২০২৫	ক। দরপ্রস্তাবের সাথে বেতার যন্ত্রপাতি আমদানীর স্বপক্ষে বাংলাদেশ টেলিযোগাযোগ নিয়ন্ত্রণ কমিশনের (BTRC) এনলিস্টমেন্ট সনদ দাখিল করতে হবে। অন্যথায় দরপ্রস্তাব বাতিল বলে গণ্য হবে। খ। বেতার যন্ত্রপাতিসমূহ আমদানীর পূর্বে বাংলাদেশ টেলিযোগাযোগ নিয়ন্ত্রণ কমিশনের পূর্বানুমতি গ্রহণ করতে হবে।

২। দরপত্রটির অন্যান্য শর্তাবলী অপরিবর্তিত থাকবে।

মোঃ সামসুল আরেফিন
কমান্ডার বিএন
উপ-পরিচালক দ্রব্য (নৌ)

২০ সেপ্টেম্বর ২০২৫

সীমিত