

संख्या. पी-63013/187/01/2022/मोड- I/सीसुबल

2579-89

भारत सरकार, गृह मंत्रालय  
महानिदेशालय सीमा सुरक्षा बल  
(रसद निदेशालय: आधुनिकीकरण सैल)  
(Email-comdtord@bsf.nic.in)  
(Fax: 011-24367683)

ब्लाक संख्या . 10,  
सीजीओ काम्पलैक्स,  
लोधी रोड, नई दिल्ली-03  
दिनांक 09 अगस्त 2023

सेवा में,

महानिदेशक:- आसाम राईफलस (through LOAR), केन्द्रीय ओद्योगिक सुरक्षा बल,  
केन्द्रीय रिजर्व पुलिस बल, भारतीय तिब्बत बोर्डर पुलिस, सशस्त्र सीमा बल,  
राष्ट्रीय सुरक्षा गार्ड एवं पुलिस अनुसन्धान एवं विकास ब्योरो

विषय: अनुमोदित गुणात्मक आवश्यकता /परीक्षण निर्देशों का प्रेषण

तकनीकी विशेषज्ञों के उप समूह द्वारा किए गये सूत्रीकरण एवं महानिदेशक सीमा सुरक्षा बल द्वारा अनुमोदित निम्नलिखित उपकरणों के गुणात्मक आवश्यकता/परीक्षण निर्देशों को आपकी अग्रिम कार्यवाही हेतु प्रेषित किया जाता है।

(i) RFID Scanner/Reader

(ii) RFID Tag

संलान : उपरोक्तनुसार

इ.दे. सिंह

(इन्द्र देव सिंह)  
उप महानिरीक्षक (रसद)

प्रतिलिपि :-

1. तकनीकी निदेशक  
The Technical Director  
राष्ट्रीय सूचना-विज्ञान केन्द्र, नोर्थ ब्लाक,  
गृह मंत्रालय, नई दिल्ली  
NIC, North Block, MHA  
New Delhi (द्वारा ई-मेल)  
(ई-मेल पता : mpsugandhi@nic.in)  
: आपसे अनुरोध है कि उक्त उपकरण के गुणात्मक आवश्यकता /परीक्षण निर्देशों को MHA website (Division of MHA+ -Police Modernization Division- Qualitative Requirements- Qualitative Requirements of Machinery & Eqpt Items with Surveillance item) पर अपलोड करने का श्रम करें।
2. SO (IT), North Block, MHA  
(Through E-mail)  
(E-mail address: [soit@nic.in](mailto:soit@nic.in))  
: कृपया उपरोक्तानुसार कार्यवाही करने का श्रम करें।
3. तकनीकी विंग, सीमा सुरक्षा बल  
: कृपया उक्त उपकरण के गुणात्मक आवश्यकता/परीक्षण निर्देशों को सीमा सुरक्षा बल की वैबसाईट पर अपलोड करने का श्रम करें।
5. ICT निदेशालय, संचार उपकरण, सीमा सुरक्षा बल  
: आपके यूओ संख्या-463 दिनांक 13 जनवरी 2023 के सन्दर्भ में अनुमोदित RFID Scanner/Reader & RFID Tag के गुणात्मक आवश्यकता /परीक्षण निर्देशों को आपके सूचनार्थ एवं अग्रिम कार्यवाही हेतु प्रेषित जाता है।
6. फाईल

**QRs & Trial Directives of RFID TAG**

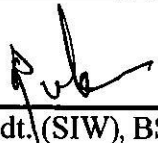
S. No	Parameter	Specification	Trial Directives	Result expected / desired
RFID is Radio Frequency Identification refers to a wireless system comprised of two components Tags and Readers, which use Radio wave to communicate their identity and other information to nearby readers can be passive or active.				Must be as per specification
<b>A. RFID TAG</b>				
1.	Types	Passive, Programmable	To be physically checked by the BOO or OEM certificate also submitted by firm in respect of same	Must be as per specification
2.	Frequency Range (MHz)	Between (865-867 MHz)	To be physically checked by the BOO and OEM certificate also submitted by firm in respect of same	Must be as per specification
3.	Read Range	0 to 25 Feet (As per user Requirement)	To be physically checked by the BOO	Must be as per specification
4.	Working Mode	Read & Write	To be physically checked by the BOO	Must be as per specification
5.	Label	Label should be hard or soft as per user requirement	To be physically checked by the BOO	Must be as per specification
6.	Protocol	ISO 18000-6B, EPC Class I Gen2 (ISO 18000-6C) or better	OEM certificate submitted by firm in respect of same	Must be as per specification
7.	Chip Type	Alien H3/H4 Or Monza, Impinj, NXP	OEM certificate submitted by firm in respect of same	Must be as per specification
8.	Operating Temperature	-10°C to +60°C	Firm has to submit NABL accredited/ILAC certificate/ any Indian Govt Lab certificate in respect of the same	Must be as per specification
9.	Material	Ceramic/PCB/PVC/ABS (As per user requirement)	To be physically checked by the BOO or OEM certificate also submitted by firm in respect of same	Must be as per specification
10.	Compatibility	Metal/Wooden ( as per user requirement)	To be physically checked by the BOO or OEM certificate also submitted by firm in respect of same	Must be as per specification
11.	Finish	Painted black/White	To be physically checked by the BOO	Must be as per specification
12.	IP Rating	IP68	Firm has to submit NABL accredited/ILAC certificate/any Indian Govt Lab certificate in respect of the same	Must be as per specification
<b>B. Miscellaneous</b>				

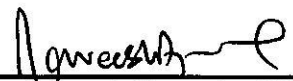
*[Handwritten signatures and initials]*


S. No	Parameter	Specification	Trial Directives	Result expected / desired
1	Warranty	02 years or more	OEM certificate submitted by firm in respect of same	Must be as per specification
2.	User Manual & Developing/Programming User Guide		To be physically checked by the BOO	Must be as per specification
3.	Operation Manual/technical Manual - Detailed operators instructions, Technical literature, Maintenance manual, inspection standards be provided with the equipment		To be physically checked by the BOO	Must be as per specification


  
(B K Mehta), ADG (Log), BSF


  
(Umed Singh), DIG(C-Eqpt), BSF

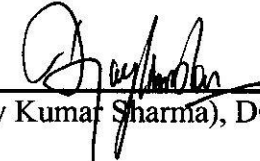
  
(Ajeet Kumar), Comdt.(SIW), BSF


  
(Dr. Raveesh Kumar), PSO(W), BPR&D

  
(K Elamurugan), Asstt.  
Director, DCPW


  
(Mukesh Kumar), DC (SIW), BSF

  
(Sudhanshu Kumar), DC (C-Eqpt),  
BSF


  
(Ajay Kumar Sharma), DC (Comn), SSB

  
(Gaurav Drall), AC, SIW, BSF

  
(Sehdev Yadav), AC, BSF


  
(Manpal Singh), AC-IT, CRPF

  
(Sub Rajendra Kumar), NSG

  
(Inspr/RM Manish Raj), SIW,  
BSF

  
(Inspr Ramgopal Meena), ITBP

  
(SI M K Raiger), CISF

  
(SI D P Mishra), Assam Rifle

Approved/ Not approved

  
Director General  
Boarder Security Force