

संख्या. पी-63013/114/03/2024/मोड-1/सीसुवल 5207-10

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 20 दिसम्बर 2024

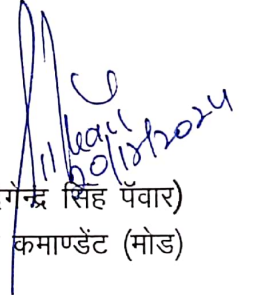
वरिष्ठ तकनीकी निदेशक
The Senior Technical Director
राष्ट्रीय सूचना-विज्ञान केन्द्र, नोर्थ ब्लाक,
गृह मंत्रालय, नई दिल्ली
NIC, North Block, MHA
New Delhi
(द्वारा ई-मेल)
(ई-मेल पता : mpsugandhi@nic.in)

Sub: Request for comments of stakeholders/OEM on draft QRs & TDs.

कृपया गृह मंत्रालय के पत्र संख्या IV-24011/12/2011-Prov-I(part)(CFN 3300890)-1710 दिनांक 31 अगस्त 2015 के सन्दर्भ में।

2. उपरोक्त विषयान्तर्गत यह सूचित किया जाता है कि तकनीकी विशेषज्ञों के उप समूह द्वारा Laser Illuminator-Revision गुणात्मक आवश्यकता/परीक्षण निर्देशों का प्रारूप दिनांक 19 दिसम्बर 2024 को आयोजित सभा के दौरान तैयार किया गया था जिसको इस आशय से प्रेषित किया जा रहा है कि उक्त गुणात्मक आवश्यकता/परीक्षण निर्देश को गृह मंत्रालय की वेबसाइट पर 15 दिन के लिए अपलोड करने का श्रम करें।

संलग्न : उपरोक्तनुसार


(दिगेन्द्र सिंह पेंवार)
उप कमाण्डेंट (मोड)

प्रतिलिपि :-

1. SO (IT), North Block, MHA : उपरोक्त समस्त गुणात्मक आवश्यकता का मसौदा आपके सूचनार्थ एवं
(Through E-mail) अग्रिम कार्यवाही हेतु।
(E-mail address: soit@nic.in)
2. IT Wing, FHQ BSF : उपरोक्त उक्त गुणात्मक आवश्यकता का मसौदे को सीमा सुरक्षा बल
की वेबसाइट पर 15 दिन के लिए अपलोड करने का श्रम करें। आपसे
अनुरोध है कि उक्त मसौदे को गृह मंत्रालय की वेबसाइट पर भी
अपलोड करने हेतु निम्नलिखित पतों पर ई-मेल करने का श्रम करें:-
(a) Technical Director, NIC, North Block, MHA
(E-mail : mpsugandhi@nic.in)
(b) SO (IT), North Block, MHA
(E-mail : soit@nic.in)
3. The Group Commander (Proc) : For info w.r.t their letter No.5482 dated 26.11.2024
HQ NSG, (Prov Branch: Ord Sec)
Mehramnagar, Near Domestic
Airport
Palam, New Delhi-110037

भारत सरकार, गृह मंत्रालय
महानिदेशालय सीमा सुरक्षा बल
(रसद निदेशालय: आधुनिकीकरण सैल)
ब्लाक संख्या . 10, सीजीओ कांप्लेक्स, लोधी रोड, नई दिल्ली-03
(Email-comdtord@bsf.nic.in)
(Fax: 011-24367683)

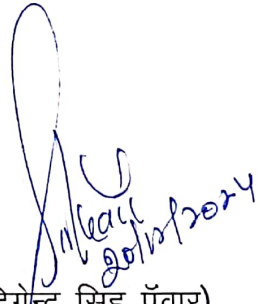
संख्या. पी-63013/114/03/2024/मोड-1/सीसुवल/

दिनांक 20 दिसम्बर 2024

विषय : Laser Illuminator-Revision के सूत्रीकरण गुणात्मक आवश्यकता/परीक्षण निर्देशों पर हितधारकों/निर्माताओं/विक्रेताओं की टिप्पणी के लिए अनुरोध।

1. Laser Illuminator-Revision के सूत्रीकरण गुणात्मक आवश्यकता और परीक्षण निर्देशों को परिशिष्ट 'ए' के रूप में संलग्न किया गया है। हितधारकों/निर्माताओं/विक्रेताओं से अनुरोध किया जाता है कि वे उस उत्पाद की विस्तृत एवं स्टीक जानकारी दें। साथ ही प्रत्येक पैरामीटर के अनुरूप अपने उत्पाद के सही विवरणों को प्रस्तुत करें। सिर्फ 'अनुपालना' या 'अनुपालना नहीं' वाली टिप्पणी स्वीकार नहीं की जाएगी।
 - क्या आप मूल उपकरण निर्माता/विक्रेता हैं?
 - यदि विक्रेता मूल उपकरण निर्माता का विवरण देता है।
 - मूल उपकरण निर्माता से प्राधिकरण प्रमाण पत्र।
 - उत्पाद की मूल सूची।
 - उत्पाद ब्रोशर एवं साहित्य रचना का ब्यौरा
2. आवश्यक जानकारी/विवरण निम्नलिखित पते पर दिनांक 03 जनवरी 2025 तक भेजने का श्रम करें।

रसद निदेशालय, सीमा सुरक्षा बल
लेवल-8, ब्लाक-10,
केन्द्रीय कार्यालय परिसर, लोधी रोड,
नई दिल्ली-110003
ईमेल:- comdtord@bsf.nic.in
3. शीघ्र प्रतिक्रिया का अनुरोध किया जाता है।


(दिगेन्द्र सिंह पौवार)
उप कमाण्डेंट (आधुनिकीकरण)

Government of India
Ministry of Home Affairs
Directorate General Border Security Force
(Prov Dte: Mod Cell)
Block No.10, CGO Complex, Lodhi Road, New Delhi-03
(Fax: 011-24367683, Email-comdtord@bsf.nic.in)

No. P-63013/114/03/2024/Mod-I/BSF/

Dated, the 20 Dec 2024

Subject : Request for comments of stakeholders/ OEM/ Firms on QRs (Qualitative Requirements) & TDs (Trial Directives) of Laser Illuminator-Revision

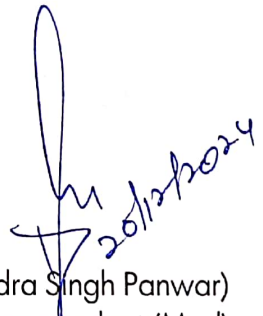
1. The QRs/TDs of Laser Illuminator-Revision is attached as Appendix 'A'. The OEMs/Vendors are requested to forward information of the product, which they can offer and also forward correct specifications of their system against each parameter. Only complied or not complied remarks will not be accepted.

- Whether you are OEM/Vendor?
- If vendor details of OEM.
- Authorization certificate from OEM.
- Original catalogue of the product
- Brochure/Literature of the product

2. The required information/details may please be forwarded at the following addresses by 03 Jan 2025:-

Directorate General BSF,
Level-8, Block No. 10,
CGO Complex, Lodhi Road,
New Delhi-110003
Email: comdtord@bsf.nic.in

3. An early response is requested.


(Digendra Singh Panwar)
Dy. Commandant (Mod)

DRAFT QRs/TDs OF LASER ILLUMINATOR-Revision

S.No	Parameter	Trial procedure suggested for Board of Officers	Result expected / desired	Remarks
1.	Size : Should not exceed L-155 mm, H-80 mm (including fitment) W-50 mm	Measures the dimensions of the Laser Illuminator with the help of measuring tape / scale.	Should not exceed L-155 mm, H-80 mm (including fitment) W-50 mm.	
2.	Weight :Should not exceed 350gmsinclusive of battery.	Measure the weight of the Laser Illuminator with the help of weighing machine.	The weight of the Laser Illuminator should not exceed 350 gms inclusive of battery.	
3	Range : Minimum range in IR illuminator mode is 300 mtrs.	Switch 'ON' the Laser Illuminator in illuminator mode and observe the area with the help of a night vision device along the direction of illumination up to a distance of 300 mtr.	The Laser beam must be capable to illuminate the area of 300 mtrs minimum in illumination mode.	
4.	Power source : Rechargeable cells	To be physically checked by BOO.	The system must function on rechargeable cells.	
5.	Life of battery: Minimum 3 hours continuous operation at the power output mentioned at Srl No 7.	(a) Switch 'ON' the eqpt on cells provided with max power output of the eqtps, continuously and note down the run time. (b) Again switch 'ON' the system on fully charged rechargeable cells with max power out and note down the time of continuous run	The battery provided must be able to run the eqpt continuously, for minimum 3 hrs with max power output of the eqpt.	
6.	Battery : Battery should be commercially available.	OEM to produce its certificate in this regard.	The Battery should be commercially available.	
7.	Output power : Should be 80mW maximum	Firm to produce OEM certificate in this regard.	The out-put must be upto 80 mW maximum.	
8.	Beam wavelength : it should be invisible infra-red & class 1 eye safe.	Check the National/International accredited lab certificate/ report submitted by the firm in r/o beam wavelength and class 1 eye safe.	The National / International accredited lab certificate/ report must confirm the same. In case of any doubt in the test report, the veracity of the same may be checked from the concerned lab.	
9.	Nominal ocular hazard distance : At minimum and maximum divergence should be 0.00.	An OEM certificate/report confirming the same to be produced by the firms.	The OEM certificate/report must confirm the same.	
10.	Mode of operation : Should have the facility of IR illumination mode with adjustable zoom and focus lens enabling illuminator operation	(a) Check the system for the modes with adjustable zoom lens. (b) Check the Laser beam divergence angle in illumination mode in the SIW Lab.	(a) The system must have facility of illumination mode with adjustable zoom lens. (b) The beam must have widely variable	


S.No	Parameter	Trial procedure suggested for Board of Officers	Result expected / desired	Remarks
	mode. The illuminator should also have the option of controlling luminosity of the device, with a widely variable beam divergence of minimum 6 to 10 degree or better.		beam divergence of minimum 6 to 10 degrees or better. (c) The system must have facility to control luminosity.	
11.	Mounting : Should be compatible with weapons like 5.56 INSAS, 7.62 MM. AK Series, 9 mm & MP5 etc through picatinny rail / adapter on weapon.	Check the system for compatibility to mount it with picatinny rail / adapter on weapon.	Eqpt/system should be easily mountable on weapon through picatinny rail / adapter.	
12.	Features : Must have the fwg: (a) Convenient switch for operation. (b) Power –on indicator LED. (c) Should comply with Mil Std 810-G and IP 68 or better. (d) Optional beam flashing configuration. (e) IR illuminator must be compatible with night vision devices which are in use with security forces and enhance the viewing distance when used in combination. (f) There must be a heat sink for dissipation of heat when the IR illuminator is used for longer time in operations	(a) BOO to physically check, convenient switch for operation. (b) BOO to physically check, Power – on indicator LED. (c) The firm should submit National / International accredited lab cert / report in r/o Mil Std 810G and IP-68 or better. (d) BOO to physically check, Operational beam flashing configuration. (e) The compatibility of IR illuminator shall be physically checked with the NVDs, in service with the user organization. (f) A system for dissipation of heat, arising out of prolonged used of device, should be there so that the device does not get heated up and this should be physically checked by the BOO.	(a) The system should have convenient switch for op (b) The system should have Power-on indicator LED. (c) System must confirm to Mil Std 810G & IP 68 or better. In case of any doubt in the test report, the veracity of the same may be checked from the concerned lab. (d) System should have operational beam flashing configuration. (e) IR illuminator must be compatible with night vision devices which are in use with security forces and enhance the viewing distance when used in combination. (f) There must be a heat sink for dissipation of heat when the IR illuminator is used for longer time in operations.	

S.No	Parameter	Trial procedure suggested for Board of Officers	Result expected / desired	Remarks
13.	<p>Engineering Support Package: The manufacturer of the device should provide Engineering Support Package including:</p> <p>(a) Technical Literature in English. (b) Training Manual and User Hand Book. (c) Cleaning Kit. (d) List of Special Tool Equipment/Special Maintenance Instruments/Test Jigs & fixtures for:-</p> <p>(i) Repair and testing of main equipment at field level. (ii) List of spares for four yrs for field level base level repairs and spares backup must be assured for at least 10 yrs. (iii) Training aids- charts, slides, training brochure blow diagram, video film and CDs.</p>	The firm should submit assurance certificate for the Engineering Support Package contents which details of the concerned part / lists.	Assurance certificate must confirm the each and every sub Para details of the QRs Para 11.	

तकनीकी विशेषज्ञों के उप समूह द्वारा यह निश्चित किया गया है कि उक्त गुणात्मक आवश्यकता को अधिक बेहतर बनाने के लिए गृह मंत्रालय एवं सीमा सुरक्षा बल की वेबसाइट पर विक्रेताओं/फर्मों के सुझाव प्राप्त करने हेतु 15 दिन के लिए अपलोड किया जाए।

नोट - सभी विक्रेताओं/फर्मों से निवेदन है कि अपने सुझावों के साथ निम्नलिखित कागजात संलग्न कर ई-मेल पता comdtord@bsf.nic.in पर भेजने का श्रम करें:-

1. उत्पाद की वास्तविक विवरण पुस्तिका।
2. उत्पाद की साहित्यिक रचना का व्यौरा।
3. गुणात्मक आवश्यकताओं के उपर व्यापक टिप्पणीयों।


 (दिगेन्द्र सिंह पंवार)
 उप कमांडेण्ट (आधुनिकीकरण)