संख्या. पी-63013/214/01/2024/मोड- ।/सीसुबल/\_**5**00- **b**4

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 6 फरवरी 2025

सेवा में.

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

## विषयः अनुमोदित गुणात्मक आवश्यकता / परीक्षण निर्देशों का प्रेषण

तकनीकी विशेषज्ञों के उप समूह द्वारा किए गये पुनः सूत्रीकरण एवं महानिदेशक सीमा सुरक्षा बल द्वारा अनुमोदित "Body Worn Camera" के गुणात्मक आवश्यकता / परीक्षण निर्देशों को आपकी अग्रिम कार्यवाही हेत् प्रेषित किया जाता हैं।

संलग्न : उपरोक्तनुसार

आनन्द सिंह तक्षक) उप महानिरीक्षक (रसद)

## प्रतिलिपि:--

तकनीकी निदेशक 1 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)

SO (IT), North Block, MHA 2 (Through E-mail) (E-mail address: soit@nic.in)

- 3. तकनीकी विंग, सीमा सुरक्षा बल
- Sh. Samarth Sharma, 4 Director Nodal Officer for MHA GeM, 3<sup>rd</sup> Floor, Jeevan Bharti Building Conaught Lane, Janpath Cannaught Place, New Delhi-110001 E-mail:directorcategory13@gem.gov.in
- फाईल। 5.

: आपसे अनुरोध है कि "Body Worn Camera" के पुनः सूत्रीकरण किये गये गुणात्मक आवश्यकता /परीक्षण निर्देशों को गृह मंत्रालय की वैबसाईट (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।

कृपया उपरोक्तानुसार कार्यवाही करने का श्रम करें।

कृपया उक्त उपकरण के गुणात्मक आवश्यकता/ परीक्षण निर्देशों को सीमा सुरक्षा बल की वैबसाईट पर अपलोड करने का श्रम करें। For info with request to upload the approved

Revised QRs & TDs of "Body Worn Camera" on GeM Portal. Copy of QRs & TDs is attached with this letter.

## REVISED QRS & TDS OF BODY WORN CAMERA

S/No	Parameter	QRs /Specification	Trials Directives
1.	Device Type	<ul> <li>a) Online mode:         Rugged Camera (complying with MIL-STD-810 D or better/ JSS55555) with in Built Audio-Video recorder cum player with live streaming facility for real time analysis and monitoring of any incident     </li> <li>b) Offline mode:         Rugged Camera (complying with MIL-STD-810 D or better/ JSS55555) with in Built Audio-Video recorder cum player     </li> </ul>	Firm to provide NABL/International accredited Lab test report/certificate.
2.	Device Dimensions (MAX)	100 mm x 90 mm x 30 mm	Physical check / measurement by BOO
3.	Working Temperature	a) <u>Online mode:</u> -20 <sup>0</sup> C to + 55 <sup>0</sup> C b) <u>Offline mode:</u> -10 <sup>0</sup> C to + 55 <sup>0</sup> C	Certification from a valid NABL accredited Lab
4.	Storage temperature	a) Online mode: -20° C to + 60° C b) Offline mode: -10° C to + 60° C	Certification from a valid NABL accredited Lab
5.	Device ID	Unique ID for identification	Physical check by BOO.
6.	Water Proof IP 66 Or More		Certification from a valid NABL accredited Lab and Physical verification by BOO
7.	Drop shock Protection Min. 02 MTR.		Certification from a valid NABL accredited Lab and Physical verification by BOO
8.	Computer interface USB Cable, Type 3.0 or above / Type C 2.0 or above		OEM certificate to be produced. BOO will check the certificate.
9.	Shelf Life (Min)	07 Years	OEM Certificate to be produced. BOO will check the certificate.
10.	Body worn facility	Clip/Harness Type	Physical verification by BOO
10(A)			
1	Sensor Capacity	32 MP	Certification from a valid NABL accredited Lab

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S/No	Parameter QRs /Specification		Trials Directives	
50.00 Bit (510.00	(Minimum)			
2	Sensor Type	CMOS	Certification from a valid NABL accredited Lab	
3	Resolution (Minimum)	1080 @ 30 fps	Certification from a valid NABL accredited Lab	
4	FOV (Minimum)	a) Online mode:  140° Diagonally b) Offline mode:  120° Diagonally	Certification from a valid NABL accredited Lab	
5	Night Vision	IR	Certification from a valid NABL accredited Lab	
6	Night Vision Range	10 MTR or above	Certification from a valid NABL accredited Lab	
10(B)	Recorder			
1	Recording Type	One button recording start / stop	Physical verification/ Measurement by BOO	
2	Snapshot	Capture Photos during recording	Physical verification/ Measurement by BOO	
3	Audio	High quality inbuilt Multi microphone with noise cancellation	Physical verification/ Measurement by BOO	
4	Video Format	As per availability of latest video format (.MP4/.MOV etc) in the market which will meet the requirement of force at the time of procurement	Physical verification/ Measurement by BOO	
5	Recording "ON" Indicator (Optional)	As per user requirement in order to conceal/camouflage the device during recording especially during night	Physical verification/ Measurement by BOO	
6	Pre Video Recording	Pre-recording option with Min 30 Seconds	Physical verification/ Measurement by BOO	
7	Recording duration (Minimum)	a) Online mode:  08 Hrs with single battery  b) Offline mode:  12 Hrs	Physical verification/ Measurement by BOO	
8	Storage capacity (Minimum)	128 GB inbuilt	Physical verification/ Measurement by BOO	
9	GPS	In-built	Physical verification/ Measurement by BOO	
10(C)	Inbuilt Audio/Video play	er cum image review		
1	LCD Screen	2 Inch (Max), TFT, Color Display	Physical verification / Measurement by BOO	
2	Screen protection	Scratch Proof coating/screen guard	Certification from a valid NABL accredited Lab and physical verification /Measurement by BOC	
3	Audio/Video playback	Yes	Physical verification / Measurement by BOO	
4	Fast forward	2X, 4X, 8X	Physical verification / Measurement by BOO	
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S/No	No Parameter QRs /Specification		Trials Directives	
5	Rewind	2X, 4X	Physical verification / Measurement by BOO	
6	Editing /Deletion protection	a) Online Mode: Password protection (Editing or deletion should be available with admin)  b) Offline Mode:	Physical verification / Measurement by BOO	
7	Llaar Languaga	Not applicable.	Physical warification / Management by PCC	
′	User Language interface	English	Physical verification / Measurement by BOO	
10(D)	Connectivity			
	Connectivity	<ul> <li>a) Online Mode: As per availability of latest Generation of Mobile network (4G or above) in the market which will meet the requirement of force at the time of procurement </li> <li>b) Offline Mode: Not applicable. </li> </ul>	Physical verification by BOO	
2	WI-FI	a) Online Mode: Yes  b) Offline Mode: Not applicable.	Physical verification by BOQ	
3	Bluetooth (Optional)	Yes	Physical verification by BOO	
4 Connectivity Type  a) Online Mode:  IP interface for IP streaming & network connection  b) Offline Mode:		IP interface for IP streaming & network connections	Certification from a valid NABL accredited La	
5	can be tapped through in on later stage	o transmit the data to password protected cloud based platform which nternet for live view (without buffering) as well as review & analysis	Physical verification / Measurement by BOO	
	b) Offline Mode: Not applicable.		2 202	
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S/No	Parameter QRs /Specification		Trials Directives		
6.	Data safety and Security	a) Online Mode: AES 256 bit encryption or better  b) Offline Mode: Not applicable.		Certificate to be given by OEM/ duly mentioned in product manual/ brochure/Literature of OEM	
10(E)	Interface software / platform		per user's operational requirement	Physical verification / Measurement by BOO	
Diameter his his		<u> </u>	Laury	ald	
(Puneet Rastogi), IPS, ADG (Log), BSF			(K M Prasad), DIG (SIW), BSF	(S S Rathore), DIG, OPS Dte (Technology Cell), BSF	
(D	inesh Kumar), Comdt, Sl	IW, BSF	(Happy Verma), Comdt(Ord), BSF	(Cot. Rajeev Bhatt), BPR&D	
(Satendra Yadav, DC(AIA), SSB  (Ph. K K Sharma, Asstt Comdt.), SIW  (Insp/Tele Sanjeev Kumar), ITBP			(R S Rana), JAD, DCPW	(Amit Singh, Captain), NSG	
			(Vikrant Vedwan), AC, CRPF	(Sanjay Mehta), AC, CISF	
			(Nb/Sub M P Tyagi), Assam Rifle		

Approved Not Approved

Director General

Border Security Force