

Meeting on 01.07.2026 at 04: 00 PM

From

The Director General of Police,
Haryana.

To

1. The Commissioner of Police, Panchkula.
2. The Deputy Inspector General of Police, SCB (H), Panchkula.
3. The Assistant Inspector General, Prov. (H) Panchkula.
4. The Superintendent of Police, Cyber (H) Panchkula.
5. The Deputy Commissioner of Police, Crime & Traffic, Panchkula.
6. Sh. Munish Chandan, Addl. Chief IT Officer, CRID, SCO No. 107-108, Sector-17 B, Chandigarh.
7. Prospective bidders (through email and intimation through Haryana Police website)

No. 12390-96 /P-5 dated Panchkula, the 26/6/26.

Subject:

Meeting to finalize the specifications of Body Worn Cameras and Docking Station for Haryana Police.


Memo.

Please refer to this office order/endst. No. 12142-49/P-5 dated 22.06.2026, on the subject noted above.

2. It is intimated that a meeting to discuss the specifications of Body Worn Cameras and Docking Station will be held on 01.07.2026 at 04:00 PM under the Chairmanship of the Addl. Director General of Police, Administration, Haryana, Panchkula in his office at Police Headquarters, (H) Panchkula.

Please make it convenient to attend the meeting as per scheduled date and time. A copy of draft specifications of the above items prepared by this office and a copy of QR&TDs of BSF, MHA, Govt. of India are enclosed. Prospective bidders are requested to attend the meeting through VC or physically at the said venue.

Encls: As above.


(Mukesh Kumar)
Superintendent

for Director General of Police, Haryana.

Endst. No. _____ /P-5 dated Panchkula, the _____

A copy is forwarded to the following:-

1. Addl. Director General of Police, Administration, Haryana, Panchkula.
2. Addl. Secretary, Home Department (Chandigarh) with the request to attend the meeting physically or through VC as a Govt. Nominee as per Home Department Memo. No. 25/04/2026-5HG-II dated 27.05.2026.
3. Superintendent of Police, IT (H) Panchkula with the request to upload this memo on the Haryana Police website till 01.07.2026
4. In-charge Server Room, PHQ, Panchkula with request to make necessary arrangement for VC.

(Mukesh Kumar)
Superintendent
for Director General of Police, Haryana.

Annexure-C

Body Worn Cameras specifications

Sr. No.	Parameter	Technical specifications
1	Working Environment	Working Temperature (-10 to 50 C)
2	Mount	Chest, Pocket, Shoulder, Mounts to be supplied with the product
3	Screen Display	Touch Screen full HD TFT LCD Display Size 2.4 Inch or higher
4	Image Sensor	CMOS Censor
5	Field of View	110 degree or higher
6	Chipset processor	8 Core 64 Bit processor or higher
7	Night Vision	IR Range 5 Meter or More with face reorganization in the range of 2 meter or more
8	Voice Recording	In built microphone
9	Digital Zoom	Digital zoom for play back 8x or more
10	GPS Bluetooth and Wi-Fi	Built in GPS, data of longitude and latitude and real time overlay to video files
11	Connectivity	Bluetooth 4.0 or higher
12	SD Card Storage Capacity	Built in 64 GB expendable up to 256 GB
13	Drop Resistance	Drop test report of 1.8 meter or higher
14	Weather proof IP rating	Compliant to IP 66/67 Standards
15	Weight	Should not be more than 200 gms (including battery)
16	Certification	BIS, CE, FCC, ROHS (all mandatory)
17	System indicator	Device working indicators-battery charge status, recording status, memory status.
18	Charging	Charging and data transfer-type-C USB 2.0/3.0
19	Video Resolution/Frame Rate	Video Recording frame Rate - 1920X1080 @ 30/25 Px
20	Video Compressor	H.265 or higher
21	Snapshot feature	Allow capturing photo while recording
22	Audio play back	Built in speaker for play back
23	Audio format	G722.1 and PCM
24	Video and Audio Synchronization	Yes
25	Watermark	Device/USB ID, Time & date & GPS Coordinates stamps embedded into video
26	Motion detection	Yes
27	Battery	Lithium -ion 3000 mAh or higher
28	Continues Video Recording	Supplied battery must support 8 hrs (1080p) Continuous recording
29	Standby Time	Minimum 12 Hrs
30	Others	Standard accessories -charge with connecting cable

Docking Station specifications for BWC

Sr. No.	Parameter	Specification
1	Functionality	Should support 8 body worn cameras in standard and should have provision to connect additional body worn cameras up to 32 BWCs within main cabinet OR Expansion box as per the requirement.
2	LED Screen Size	Min 12 Inch or higher ultra large touch screen with 1920 X 1080 resolution and convenient operation.
3	Average speed	8MB/s
4	System Indicator	1 x power indicator, 1 x HDD indicator, 1 X network connection indicator, 1x network transmission indicator, 8x status indicator or all status indicators can be operated through LCD display
5	Port	RJ-45 10M/1000M self-adaptive Ethernet port
6	CPU	Quad core CPU
7	RAM	4 GB or higher
8	Storage	Should provide inbuilt 32 TB storage capacity with feature of rescue and recovery of data. Each Docking station/Expansion Box will support minimum 04 HDD slots, (32 ports-2nos Docking stations)
9	Operating system	Windows 10 64-bit/Linux/Android
10	USB interface	2x USB 2.0 or higher
11	Network card	1x1 GBPS or higher
12	Speaker	Inbuilt
13	Certifications	BIS/CE/FCC/Rohs
14	Working Environment	-10 to 55 degree

Docking Station inbuilt features

Sr. No.	Parameter	Specification
14	Transmission /Transfer-	Shall transfer real time video/audio to management system via Docking Station/ automatically whenever BWC plugged into Docking Station. The Files will be stored in dock station HDD. Separate file created for each BWC. In file Management interface, collected information can be viewed and sort with generated view icons.

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15	Visual Download Status	The docking station displays data download status, completion and error while copying the Files.
16	Functions	Should support auto uploading of body camera data (picture, video and audio) and clearing the storage space of body camera automatically. Should support Log management to record all the operation logs. Multi-user management, multi-users can be associated with one dock station. Should support file search I multiple modes and video, audio and picture playback.
17	Camera Data Purge	Docking station automatically purges all recorded data from connected BWC after all data has been downloaded from the BWC for next day use.
18	Data protection, Resume download	Should support of data protection in sudden power cut. If download from BWC to docking station is interrupted, the docking station will resume download from where it last left off when the camera is reconnected.
19	Portal	All downloaded data is accessed from connected PC or a Local Area Network PC by web browser. Must be Password Protected.
20	Locked data & Protected Data	Downloaded sensitive data may be locked to keep unauthorized user's access. Important data may be protected from automatic or manual deletion.
21	Time Synchronization	The Docking Station automatically updates the BWC time when devices are connected.
22	Data Security and Integrity	<ul style="list-style-type: none"> • Lock important data to avoid being deleted • Playback on the device is protected and only the authorized person should be able to playback through password or keystroke. • Complete audit log to find the actions being done by users on the system.
23	Misc.	<ul style="list-style-type: none"> • Facility to mark the video as evidential. This will ensure video is not automatically deleted and is stored in a manner that allows for longer period of storage than a normal file. • Overwrite to be disabled.
24	Charge	When the BWC is plugged into the Docking Station it should simultaneously charge the battery of BWC during download of the data. Should support fast charging.
25	Future Compatibility	BWC and docking station should support VMS and CMS with GPS tracking at ICC for future up gradation purpose.

संख्या. पी-63013/214/01/2024/मोड-1/सीसुबल/SDD-04

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

ब्लाक संख्या . 10,
सीजीओ काम्प्लेक्स,
लोधी रोड, नई दिल्ली-03
दिनांक 6 फरवरी 2025

सेवा में,

महानिदेशक:- आसाम राईफलस (through LOAR), केन्द्रीय औद्योगिक 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 पुनः सूत्रीकरण एवं महानिदेशक सीमा सुरक्षा बल द्वारा अनुमोदित "Body Worn Camera" के गुणात्मक आवश्यकता/परीक्षण निर्देशों को आपकी अग्रिम कार्यवाही हेतु प्रेषित किया जाता है।

संलग्न : उपरोक्तनुसार

आनन्द सिंह 6/2/25
(आनन्द सिंह तक्षक)
उप महानिरीक्षक (रसद)

प्रतिलिपि :-

1. तकनीकी निदेशक
The Technical Director
राष्ट्रीय सूचना-विज्ञान केन्द्र, नोर्थ ब्लॉक,
गृह मंत्रालय, नई दिल्ली
NIC, North Block, MHA
New Delhi, (द्वारा ई-मेल)
(ई-मेल पता : mpsugandhi@nic.in)
2. SO (IT), North Block, MHA
(Through E-mail)
(E-mail address: soit@nic.in)
3. तकनीकी विंग, सीमा सुरक्षा बल
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Conaught Lane, Janpath
Cannaught Place, New Delhi-110001
E-mail:directorcategory13@gem.gov.in
5. फाईल।




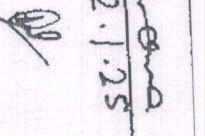




: आपसे अनुरोध है कि "Body Worn Camera" के पुनः सूत्रीकरण किये गये गुणात्मक आवश्यकता / परीक्षण निर्देशों को गृह मंत्रालय की वैबसाईट (MHA website Division of MHA+ - Police Modernization Division- Qualitative Requirements- Qualitative Requirements of Machinery & Eqpt Items with Surveillance item) पर अपलोड 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	<p>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</p> <p>b) Offline mode: Rugged Camera (complying with MIL-STD-810 D or better/ JSS55555) with in Built Audio-Video recorder cum player</p>	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	<p>a) Online mode: -20⁰ C to + 55⁰ C</p> <p>b) Offline mode: -10⁰ C to + 55⁰ C</p>	Certification from a valid NABL accredited Lab
4.	Storage temperature	<p>a) Online mode: -20⁰ C to + 60⁰ C</p> <p>b) Offline mode: -10⁰ C to + 60⁰ C</p>	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. Physical verification by BOO
10.	Body worn facility	Clip/Harness Type	
10(A)	CAMERA		
1	Sensor Capacity	32 MP	Certification from a valid NABL accredited Lab

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S/No	Parameter	QRs/Specification	Trials Directives
2	(Minimum) 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) <u>Online mode:</u> 140° Diagonally b) <u>Offline mode:</u> 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) <u>Online mode:</u> 08 Hrs with single battery b) <u>Offline mode:</u> 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 player cum image review		Physical verification / Measurement by BOO
1	LCD Screen	2 Inch (Max), TFT, Color Display	Certification from a valid NABL accredited Lab and physical verification / Measurement by BOO
2	Screen protection	Scratch Proof coating/screen guard	Physical verification / Measurement by BOO
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	Parameter	QRs /Specification	Trials Directives
5	Rewind	2X, 4X	Physical verification / Measurement by BOO
6	Editing /Deletion protection	a) <u>Online Mode:</u> Password protection (Editing or deletion should be available with admin) b) <u>Offline Mode:</u> Not applicable.	Physical verification / Measurement by BOO
7	User Language interface	English	Physical verification / Measurement by BOO
10(D)	Connectivity	a) <u>Online Mode:</u> 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 b) <u>Offline Mode:</u> Not applicable.	Physical verification by BOO
1	Connectivity	a) <u>Online Mode:</u> Yes b) <u>Offline Mode:</u> Not applicable.	Physical verification by BOO
2	Wl-FI	a) <u>Online Mode:</u> Yes b) <u>Offline Mode:</u> Not applicable.	Physical verification by BOO
3	Bluetooth (Optional)	Yes	Physical verification by BOO
4	Connectivity Type	a) <u>Online Mode:</u> IP interface for IP streaming & network connections b) <u>Offline Mode:</u> Not applicable.	Certification from a valid NABL accredited Lab
5	a) <u>Online Mode:</u> Device Should be able to transmit the data to password protected cloud based platform which can be tapped through internet for live view (without buffering) as well as review & analysis on later stage b) <u>Offline Mode:</u> Not applicable.		Physical verification / Measurement by BOO

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S/No	Parameter	QRs/Specification	Trials Directives
6.	Data safety and Security	a) <u>Online Mode:</u> AES 256 bit encryption or better b) <u>Offline Mode:</u> Not applicable.	Certificate to be given by OEM/ duly mentioned in product manual/ brochure/Literature of OEM
10(E)	Interface software / platform	License Software as per user's operational requirement	Physical verification / Measurement by BOO

(Puneet Rastogi), IPS, ADG (Log), BSF

(K M Prasad), DIG (SIW), BSF

(S S Rathore), DIG, OPS Dte (Technology Cell), BSF

(Dinesh Kumar), Comdt, SIW, BSF

(Happy Venna), Comdt(Ord), BSF

(Col. Rajeev Bhatt), BPR&D

(Satendra Yadav, DC(AIA), SSB

(R S Rana), JAD, DCPW

(Amit Singh, Captain), NSG

(Ph. K K Sharma, Asst Comdt.), SIW

(Vikrant Vedwan), AC, CRPF

(Sanjay Mehta), AC, CISF

(Insp/Tele Sanjeev Kumar), ITBP

(Nb/Sub M P Tyagi), Assam Rifle

Approved/Not Approved

Director General
Border Security Force