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No. IV-17017/28/2005-Prov-I - 97/7

भारत सरकार/Government of India

गृह मंत्रालय/Ministry of Home Affairs

पुलिस आधुनिकीकरण प्रभाग /Police Modernization Division

संभरण-I डेस्क /Prov.I Desk

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26, Man Singh Road, Jaisalmer House, New Delhi, the 1<sup>st</sup> December, 2014.

To,

DsG: AR (through LOAR), BSF, CISF, CRPF, ITBP, SSB, NSG & BPR&D.

## Subject: Trial Directives for Extension Search Mirror.

The Trial Directives in respect of Extension Search Mirror as per the Annexure have been accepted by the Competent Authority in MHA.

- 2. Henceforth, all the CAPFs should trial evaluate the above items strictly as per the laid down Trial Directives and Technical Specifications/QRs issued vide letter of even number dated 10-08-2005.
- 3. Concerned CAPF would be accountable for correctness of Trial Directives.

Yours faithfully,

Resiedano

(P. K. Srivastava) Under Secretary (Prov-I)

Encl.: As above.

Copy to : SO(IT), MHA : with the request to host the Trial Directives (soft copy being sent through email) on the MHA website (under the page of Organizational Set up-Police Modernization Division) alongwith QRs for Extension Search Mirror.

(R K Soni) Section Officier (Prov.I)

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## TRIAL DIRECTIVES FOR EXTENSION SEARCH MIRROR

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No.	Qualitative requ	irements /Technical Specifications of Extension Search HA Letter No- IV-17017/28/05-Prov-1 dated 10 Aug 2005	Method	Remarks
17	Parameter	Specification		
1.	Camera type	Should be a Colour Camera with IR Sensors.	The BOO to physically check.	
		The camera Sensors should adapt to low light Conditions. Should be able to change from colour to black and white in Low- Light conditions.		
2.	Camera Movement	Manual Movement of 360° with tilt	-do-	
3.	Monitor	4" Hi-resolution LCD Screen.  Should rest around the user's neck for ease of Viewing.	The BOO will physically check the size of screen.  Certificate for resolution from a national / international accredited lab to be provided by the firm and BOO to physically check the ease of viewing and the monitor display picture so clearly that all the items can be	certificates submitted
4.	Telescopic	Should extend from 90cms to 180cms (Min).	easily differentiated in light and dark conditions, when the monitor rest around the user's neck.  The BOO will physically check	
	Pole	Should be non- rotational, lightweight, aluminium pole with rubber grip.		
5.	Trolley	Under – vehicle trolley.	-do-	
6.	Castors	Should have minimum three swivel castor wheels for smooth operation.	-do-	

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## TRIAL DIRECTIVES FOR EXTENSION SEARCH MIRROR (Contd....)

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3-	Parameter	ter No- IV-17017/28/05-Prov-1 dated 10 Aug 2005 Specification				
	Battery requir	Battery requirement				
	a) Type	Sealed Lead Acid Battery	The BOO will physically check			
	b) Voltage	12 VDC	-do-			
	c) Charger	12-volt charger and float meter to protect over charging.	-do-			
	Operational Features required	<ul> <li>a) The unit should have modular design to allow the operator to quickly change from under vehicle search mode to pole cam mode.</li> <li>b) No tools should be required to change from one mode to another.</li> <li>c) Manual swivel and tilt function should make it easy for the operator to point the camera in any direction off the</li> </ul>	The extension search mirror to be fully assembled and the smoothness in functioning when it is changed from under Veh search mode to pole cam mode is to be checked. It is to be seen that manual swivel and tilt function are easy when the operator changes the directions of the camera and there is no obstruction from any of its attachment or cables	physically checked by		
	Accessories required	end of the pole.  Camera cover to reduce glare from IR LED and protective case.		Check the certificates submitted		

DC, B.S.F

APPROVED / NOT APPROVED

(J N Choudhury) DG, NSG