

No. IV-21011/15/2009-Prov.I 704
Government of India/भारत सरकार
Ministry of Home Affairs/गृह मंत्रालय
Police Modernization Division/पुलिस आधुनिकीकरण प्रभाग
Prov.I Desk/संभरण-I डेस्क

26, Man Singh Road, Jaisalmer House
New Delhi, Dated 10 September, 2013

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To,

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

Subject : Trial Directives of Telescopic Manipulator.

The Trial Directives in respect of Telescopic Manipulator 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 Directive and Technical Specifications/QRs issued vide letter of even number dated 14.10.2009.

Yours faithfully,

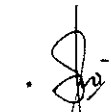


(P K Srivastava)

Under Secretary(Prov.I)

Tel : 23381278

Copy forwarded to : ✓ SO(IT), MHA, North Block, New Delhi – with the request to host the Trial Directives (soft copy being sent thorough email) on the MHA website (under the page of Organizational Set up-Police Modernization Division- Qualitative Requirements) along with QRs of Telescopic Manipulator.



(R K Soni)

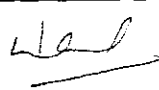
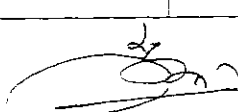

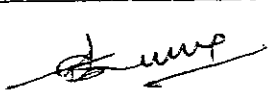


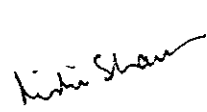
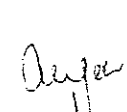


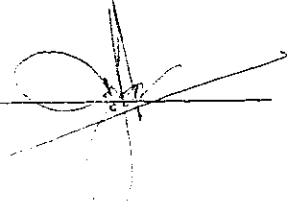
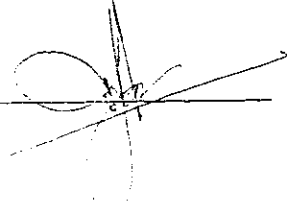
Section Offcier (Prov.I)

Copy to : Director (Procurement), MHA.

Copy for information to : PS to JS (PM)

TRIAL DIRECTIVES OF TELESCOPIC MANIPULATOR

Ser No	Technical Specifications	Trial Directives
	(MHA letter No-IV-21011/15/2009- Prov-I dt 14 Oct 2009)	
1.	It should have a minimum length of 4.5 mtrs when fully extended	To be physically checked by the Board of Officers.
2.	It should not weigh more than 15 Kg when assembled and ready for use (excluding bipod/tripod)	To be physically checked by the Board of Officers.
3.	It should have a comfortable shoulder strap with adjustable sleeve for operator to wear and handle it	To be physically checked by the Board of Officers.
4.	It should provide a standoff distance of minimum 3 mtrs from the claw	To be physically checked by the Board of Officers.
5.	It should be able to handle/lift up to 10 Kgs of weight when fully extended with or without bipod. Provision of bipod/tripod is optional	To be physically checked by the Board of Officers.
6.	The claw should be adjustable and open to a minimum of 6"	To be physically checked by the Board of Officers.
7.	The Telescopic manipulator should have a break away tip arrangement, so that in case of a possible explosion, only the tip is damaged and reduce the recoil effect almost to nil	To be physically checked by the Board of Officers.
8.	The equipment should be provided with various optional claws, which can be fitted and used as required depending on the shape of the object to be manipulated	To be physically checked by the Board of Officers.
9.	It should be possible to deliver water jet disruptor using this manipulator	To be physically checked by the Board of Officers.
10.	The re-chargeable battery pack power source should last for a minimum of 30 mins of continuous operation time	To be physically checked by the Board of Officers.

TRIAL DIRECTIVES OF TELESCOPIC MANIPULATOR

Ser No	Technical Specifications	Trial Directives
	(MHA letter No-IV-21011/15/2009-Prov-I dt 14 Oct 2009)	
11.	The equipment should be provided with at least one set of spare re-chargeable batteries and charger.	To be physically checked by the Board of Officers.
12.	The equipment in collapsed state should be small and portable in a carrying case.	To be physically checked by the Board of Officers.
13.	The equipment should be able to function at extreme ranges of temperature ie -20 degree C to + 50 degree C.	Firm / OEM to provide certificate from a national / international accredited lab. Certificate to be checked by the Board of Officers.
14.	The electronic components should be water proof	To be physically checked by the Board of Officers.

Wet
COL NAVIN VARMA
GC PES, NSG

Arvind
AC/CD, RAJAT SHARMA
2nd BN ITRP

Rishi Shrivastava
MAJ RISHI SHARMA
BD UNIT, NSG

Shankar
SHANKAR
GC (PROV), NSG

Sujeet
(SUJEET KR, 210)
Prov DC, RSP Hqs

Imp
Imp Balwant Singh
SSS Force

Rajeev
Rajeev Dehwal
Imp CISE

C.M.S. UPADHYAY
C.M.S. UPADHYAY
DTE - CRPF

Captain Vijay chandhary
SI SAG

Vijay Kishan
Vijay Kishan
NSG

Approved / Not approved

Arvind
18-6-13
(Arvind Ranjan)
DG NSG

