

मुख्यालय राष्ट्रीय सुरक्षा गारद  
गृह मंत्रालय (भारतसरकार)  
सम्भरण शाखा (आयुद्ध अनुभाग)  
मेहरम नगर, पालम, नई दिल्ली-37

संख्या पी/604/25/389/E-151483/Carbine/संभरण (ऑर्डनेंस)/मु0एनएसजी/3035 दिनांक-27 मई 2025

विषय 9 X 19 एम0एम0कार्बाईन (9X19MM CARBINE) के परिशोधित गुणात्मक आवश्यकता (क्यू0आर0) और परीक्षण निर्देशों (टी0डी0) का प्रेषण ।

तकनीकी विशेषज्ञों के उप समूह द्वारा किए गये सूत्रीकरण एवम महानिदेशक, राष्ट्रीय सुरक्षा गारद द्वारा अनुमोदित 9X19 एम0एम0 कार्बाईन (9x19mm Carbine) के परिशोधित गुणात्मक आवश्यकता (क्यू आर ) और परीक्षण निर्देशों (टी.डी.) को अग्रिम कार्यवाही हेतु प्रेषित किया जाता है ।

संलग्न- उपरोक्तानुसार

(राजेश रंजन)  
ग्रुप कमांडर (क्रय)  
फोन- 011-25663100  
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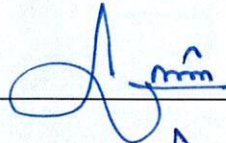
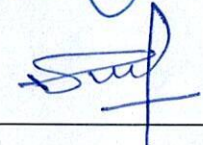
**वितरण:**



1.	JS (PM), MHA, Jaisalmer House, New Delhi	For information please.
2.	Senior Technical Director, NIC, MHA, North Block, New Delhi Email : soit@nic.in mpsugandhi@nic.in	You are requested to upload on MHA website PM Division- QRs under Weaponry equipment Category and delete the old QR TDs shown at SI No. 13 (9x19mm Carbine (Close Quarter Battle weapon with holographic sight-dated 31.08.2016)of Weaponry Equipment category please.
3.	IG/Director (R&D), BPR&D, Mahipalpur, New Delhi Email : igmod@bprd.nic.in/dd-mod@bprd.nic.in	
4.	ADG, PP & T, Room No 37, H Block, DGQA, Govt of India, Min of Defence, Department Defence Production, Directorate of Quality Assurance, New Delhi-110011, Email : saarmt-dgqa@gov.in	
5.	DIG (Prov), CRPF, CGO Complex, New Delhi, Email digprov@crpf.gov.in/ dcord@crpf.gov.in	
6.	DIG (Prov), BSF, CGO Complex New Delhi. Email : digprovfhq@bsf.gov.in / comdtord@bsf.nic.in	
7.	DIG (Prov), CISF, CGO Complex New Delhi. Email digprov@cisf.gov.in, aigtech@cisf.gov.in	
8.	DIG (Prov), ITBP, CGO Complex, New Delhi, Email : digprov@itbp.gov.in	
9.	DIG (Prov), SSB, R K Puram, New Delhi, Email : digprov@ssbdel.in/cr.ssbdel@nic.in	
10.	DIG (Prov), Assam Rifle (Through LOAR), Email : loar-mha@nic.in	
11.	GC Ops (WE), HQ NSG - For info and necessary action	
12.	HQ CTF and 52 SAG, NSG- For info please	






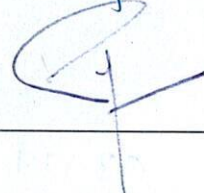
**REVISED QRs AND TRIAL DIRECTIVES OF 9 X 19 MM CARBINE**


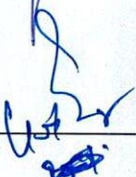
Sl.No	Parameter	QRs/Specifications	Trial Directives
1.	Introduction	The concept of Short Range Close Quarter Battle (CQB) weapon is that it should be light weight, robust, easy to use and modular	To be physically checked by the BOO
<b><u>OPERATIONAL PARAMETERS</u></b>			
2.	Caliber	9mm x 19mm	OEM to provide self certificate. BOO to physically check the calibre with gauge provided by the OEM
3.	Weight of the Carbine	Weight without magazine however with three picatinny rails should not be more than 3 kgs.	To be physically checked by the BOO
4.	Firing mode	(a) Single and Automatic (b) Suitable change lever to select firing mode (c) Change lever should be positively locked to ensure that weapon fires in desired mode only when it is in designated position.	To be physically checked by the BOO
5.	Effective Range	The weapon should be able to effectively engage target at a range of 100 mtrs with aimed fire under normal conditions of visibility.	Five rounds will be fired from 100 meters from fix mount/ manually and minimum four rounds should hit the 4x4 target. To be physically checked by the BOO.

  
  
1st Lt A.K. Anandhi  
CISF

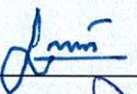
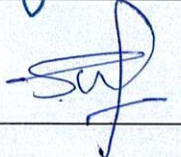

  


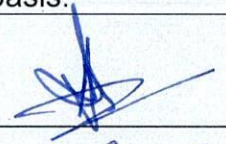
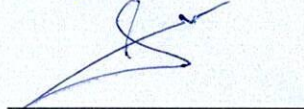

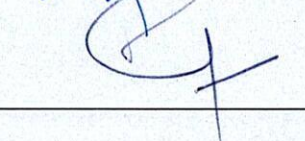
  




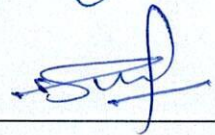
Sl.No	Parameter	QRs/ Specifications	Trial Directives
6.	Muzzle Velocity	Minimum 375 m/s	<p>(i) OEM to provide certificate from any International/ NABL accredited lab/NFSU/ DRDO labs/DGQA/ Govt. lab. OEM to provide contact person details, phone number, address, e-mail address &amp; website of the lab. Authenticity of certificate to be confirmed by the BOO.</p> <p>(ii) The certificate will remain valid for 05 years from the date of its issue. Letter for testing of weapon (national level) for issue of fresh certificate/ renewal after expiry of the validity period of certificate may be issued by the tendering agency on request of the firm, if required.</p>
7.	Rate of Fire	Minimum 800 rounds per minute	<p>(i) OEM to provide certificate from any International/ NABL accredited lab/NFSU/ DRDO labs/DGQA/ Govt. lab. OEM to provide contact person details, phone number, address, e-mail address &amp; website of the lab. Authenticity of certificate to be confirmed by the BOO.</p> <p>(ii) The certificate will remain valid for 05 years from the date of its issue. Letter for testing of weapon (national level) for issue of fresh certificate/ renewal after expiry of the validity period of certificate may be issued by the tendering agency on request of the firm, if required.</p>
8.	Accuracy	<p>(a) At 50 mtrs (single shot) – Group size should be within 12.5 cms x 12.5 cms.</p> <p>(b) At 50 mtrs (short burst of two-three round)- All the rounds fired should hit within 30 cms x 30 cms area.</p>	<p>(i) <u>For testing accuracy at 50 mtrs (Single Shot)</u>; figure 11 target (40cm x 70 cm) will be used &amp; seven shots will be fired (in single shot mode) using the weapon (mounted on a fixed mount). Six shots will be considered out of Seven. Group size should be within 12.5 cms x 12.5 cms area.</p> <p>(ii) <u>For testing accuracy at 50 mtrs (short burst of two three round)</u>; figure 11 target (40cm x 70 cm) will be used &amp; 30 shots will be fired (short burst of two/ three rounds in automatic mode) using the weapon (mounted on a fixed mount). Minimum 60% rounds should be within Group size of 30 cms x 30 cms area.</p> <p>(iii) Maximum three attempts will be provided separately for both single shot &amp; burst mode.</p> <p>(iv) OEM to provide firer and Target. In case OEM requests for a firer from user agency, it is to be provided only after obtaining NOC to the effect that "OEM will not question/ claim the skill of the firer &amp; the result of trial firing will be acceptable to him".</p> <p>(v) Tendering agency to specify in-service ammunition &amp; make it available for trial testing on payment basis.</p>

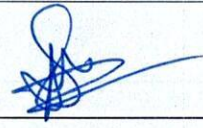

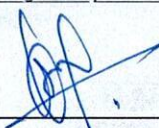
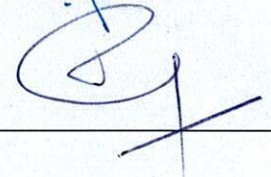
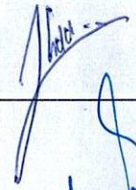
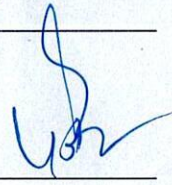
  

  



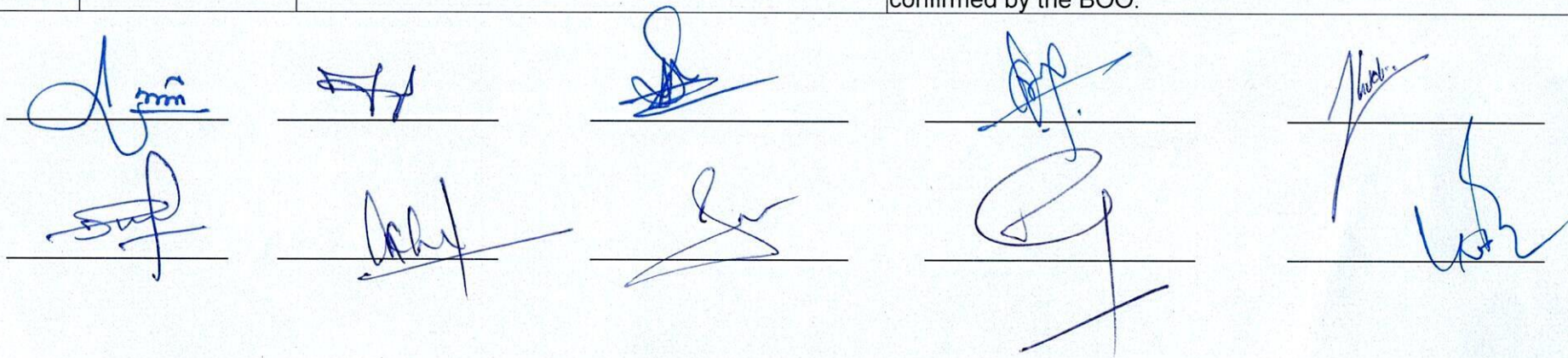

Sl. No	Parameter	QRs/Specifications	Trial Directives
9.	Reliability	<p>(a) 1200 rounds test will be carried out.</p> <p>(b) The weapon should not suffer from more than six class-I stoppages in total. No Class-II and Class-III stoppages.</p> <p>(i) <b>Class-I stoppage</b> – Can be removed by the firer within 10 seconds without the use of any tools/equipment/spares by using only immediate action drills.</p> <p>(ii) <b>Class-II stoppage</b>- Can be removed by the firer within 10 seconds to 10 minutes using tools/equipment/spares issued with the weapon.</p> <p>(iii) <b>Class-III stoppage</b>- Takes more than 10 minutes or special tools/ equipment to rectify defects and resume firing.</p>	<p>(i) Total 6 test cycles of 200 rounds will be fired in short bursts of 2 to 3 rounds.</p> <p>(ii) Weapon will be allowed to cool down for 10 minutes.</p> <p>(iii) Tests will be carried out during field functional trial &amp; the firing will be carried out by Weapon from a fixed mount.</p> <p>(v) OEM to provide firer and Target. In case OEM requests for a firer from user agency, it is to be provided only after obtaining NOC to the effect that "OEM will not question/ claim the skill of the firer &amp; the result of trial firing will be acceptable to him".</p> <p>(vi) Tendering agency to specify in-service ammunition &amp; make it available for trial testing on payment basis.</p> <p>(vii) Misfire not to be considered as stoppage.</p>
10.	Adverse Condition Test	<p>(a) Sand Test</p> <p>(b) Water Immersion Test</p> <p>(c) Mud Test</p> <p>(d) Drop Test.</p>	<p>(i) OEM to provide certificate from any International/ NABL accredited lab/NFSU/ DRDO labs/DGQA/ Govt. lab. JSG 0131:2021 procedure to be adopted for these tests by the labs. OEM to provide contact person details, phone number, address, e-mail address &amp; website of the lab. Authenticity of certificate must be confirmed by the BOO.</p> <p>(ii) The certificate will remain valid for 05 years from the date of its issue. Letter for testing of weapon (national level) for issue of fresh certificate/ renewal after expiry of the validity period of certificate may be issued by the tendering agency on request of the firm, if required.</p>

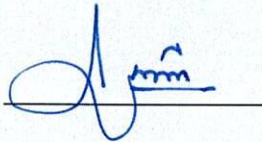


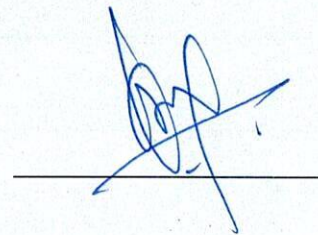
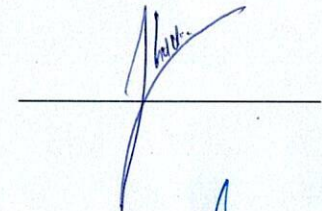
Sl.No	Parameter	QRs/Specifications	Trial Directives
11.	Environmental Conditions: (a) Operating temperature (b) Storage Temperature (c) Humidity	-40°C to +55°C  -40°C to +50°C  95% RH at 25°C	(i) OEM to provide certificate from any International/ NABL accredited lab/NFSU/ DRDO labs/DGQA/ Govt. lab. JSG 0131:2021 procedure to be adopted for these tests by the labs. OEM to provide contact person details, phone number, address, e-mail address & website of the lab. Authenticity of certificate must be confirmed by the BOO.  (ii) The certificate will remain valid for 05 years from the date of its issue. Letter for testing of weapon (national level) for issue of fresh certificate/ renewal after expiry of the validity period of certificate may be issued by the tendering agency on request of the firm, if required.
12.	Designed for right & left handed use	The weapon should be capable of ambidextrous usage	To be demonstrated by OEM & physically checked by BOO
13.	Color	Black/olive/green/desert pattern to be specified by user at the time of tendering.	To be physically checked by the BOO during PDI.
<b>PHYSICAL PARAMETERS</b>			
14.	Length	Overall Length- Not more than 720mm	To be physically checked by the BOO
15.	Picatinny Rail	MIL Standard 1913 Picatinny Rail integrated with the weapon on at least 3 sides (to be specified by the user) to provide interfaces for accessories like internationally available optical sights and Tactical lights/LAD.	To be physically checked by the BOO
16.	Barrel- Barrel life	Barrel life should be minimum 15000 rounds	(i) OEM to provide certificate from any International/ NABL accredited lab/ NFSU/ DRDO labs/ DGQA/ Govt lab.  (ii) OEM to provide contact person details, phone number, address, e-mail address & website of the lab. Authenticity of certificate must be confirmed by the BOO.

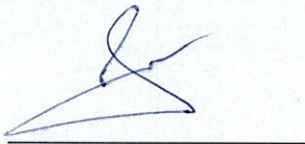
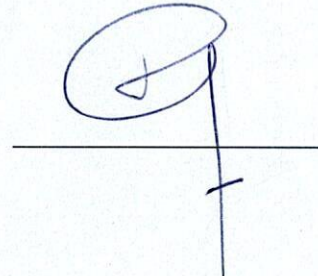
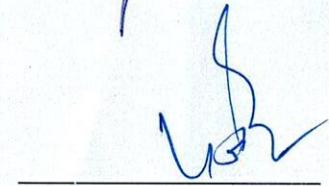




Sl.No	Parameter	QRs/Specifications	Trial Directives
17.	<b>Magazine</b>		
	(a) Capacity	Minimum 30 rounds	To be physically checked by the BOO
	(b) Material	Magazine should be either metallic with side slots to ammunition indication or see through high strength polymer/composite magazine. Magazine should be robust enough to withstand rough usage under various environmental conditions. Should not get deformed when subjected to heat during prolonged firing or in hot weather conditions.	To be physically checked by the BOO
18.	Furniture	Should be made up of high strength polymers/ composite/ reinforced scratch proof plastic or high strength enabling environmental stability. Tendering agency to specify, type of material required at the time of tendering.	To be physically checked by the BOO
19.	Fore Hand Grip	Fore hand Grip should be present in the carbine	To be physically checked by the BOO
20.	Flip Up Sights	Should have mechanical flip up sights	To be physically checked by the BOO
21.	Sling	Carbine should have adjustable and robust carrying sling with quick detachment feature	To be demonstrated by OEM & Physically checked by the BOO
<b>MISCELLANEOUS PARAMETERS</b>			
22.	Safety	Both mechanical & applied safety.	To be demonstrated by OEM & Physically checked by the BOO
23.	Field Stopping	Weapon should be easily stripped without any tool or with minimum tools & all cleaning parts to be designated for field cleaning	To be demonstrated by OEM & Physically checked by the BOO














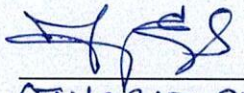



Sl.No	Parameter	QRs/Specifications	Trial Directives
24.	Accessories	Requirement and quantity to be specified by the buyer/ user (a) Magazine (b) Field Cleaning Kit (c) Measurement gauge (Go & No go), CHS if any. (d) User manual should contain Maintenance manual in English & Hindi, Technical literature in English & Hindi, Training manuals & user hand book. (e) Manufacturers recommended list of spares (MRLS). (f) List of STFs/SMTs/ Test Jigs for repair and testing of main eqpt at field level (As recommended by OEM) (g) Illustrated spare parts list (As recommended by OEM)	Individual accessories to be demonstrated by OEM & Physically checked by the BOO
25.	Training	In situ training for one week on operation, maintenance, fault finding and user level repairs at buyer's premises to be provided by seller.	OEM to provide certificate for the same.


  
2IC Sarik Kumar, R  
Assam Rifles


  
ASI/Asst. Insp. Singh

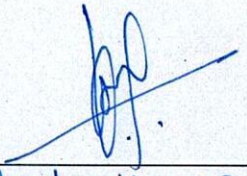
  
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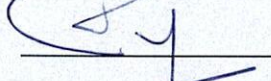
  
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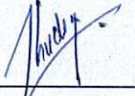
  
A.K. Anand  
Insp/Exe, CISF

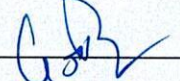
  
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Lt Col Sumit  
SC (WE), HQ NSG


  
Satendra Kumar Yadav  
SSB

  
Col Atul Chandra  
BPRD.

  
FAZAN S. SIDDIQUI  
AC/UD (AIA)  
ITBP HQ.

  
Rajesh Rani  
GC (Proc) HQ NSG

Approved/ ~~Not Approved~~

  
(B Srinivasan) IPS  
Director General, NSG