

INVITATION OF VENDOR COMMENTS ON REVISED
DRAFT QR/ TDs OF PISTOL9MM

1. It is intimated that firms/ vendors' comments are invited on the revised draft QR/ TDs of Pistol 9 MM. All firms are requested to offer their comments alongwith **OEM certificate** on e-mail address scord@nsg.gov.in or gcproc@nsg.gov.in in under mentioned format.

QRs	TDs	Comments by the firm
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2. You are requested to offer comments within 15 days from the date of uploading on the website. The QR/ TDs of above mentioned equipment/ weapon are being considered by sub group committee meeting for finalization.

दिनांक : ०१ मई 2025



(के. डी. घोरपड़े)

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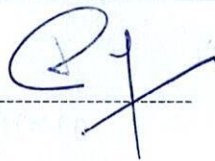
REVISED DRAFT QUALITATIVE REQUIREMENT (QRs) AND TRIAL DIRECTIVES (TDs) OF PISTOL 9MM

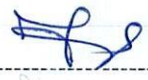
Sl. No	Parameters	Specification/QRs	Trial Directives (TDs)
1.	Introduction	Pistol is a short range semi-automatic weapon used for personal security to cover the target at short ranges.	
OPERATIONAL PARAMETERS			
2.	Caliber	9 mm X 19 mm	OEM to provide self certificate. BOO to physically check the calibre with calibrated gauge provided by the OEM. Validity of calibration certificate of gauge to be checked by BOO.
3.	Ammunition Type	9mm x 19mm Parabellum (In service ammunition)	Tendering agency to specify in-service ammunition and make it available for trial testing on payment basis.
4.	Weight	Not more than 900gm with empty magazine and without accessories	To be physically checked by BOO.
5.	Height	Not more than 150mm with the sight mounted.	To be physically checked by the BOO.
6.	Length	Not more than 210mm without sound suppressor.	To be physically checked by the BOO.
7.	Firing Mode	Semi -Automatic	To be physically checked by the BOO by firing the weapon at the range.
8.	Effective Range	Not less than 25 meters	Five rounds will be fired from 25 meters manually and minimum four rounds should hit the Fig 11 target. To be physically checked by the BOO.
9.	Accuracy	When fired six rounds at range of 9 mtr, five out of six shots should be within a rectangle 51mm horizontal x 76mm vertical.	(i) After zeroing of weapon, six rounds will be fired from 9 mtr manually and minimum five rounds should hit within specified group size. To be physically checked by the BOO (ii) 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 and the result of trial firing will be acceptable to him". (iii) Maximum 15 rounds will be provided for zeroing. (iv) Maximum three attempts will be provided for accuracy test.







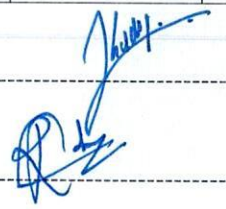
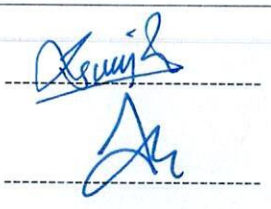
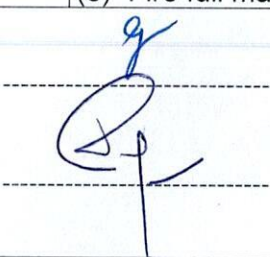



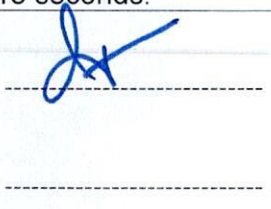




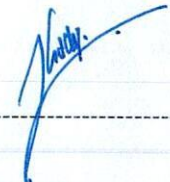


Sl. No	Parameters	Specification/ QRs	Trial Directives (TDs)
10.	Reliability	In a firing cycle of 600 rounds the pistol should not suffer more than two Class-I, One class-II and No Class-III stoppages which are classified as follows:- (a) <u>Class-I stoppage</u> – Can be removed by the firer within 10 seconds without the use of any tools/equipment/spares by using only immediate action drills. (b) <u>Class-II stoppage</u>- Can be removed by the firer within 10 seconds to 10 minutes using tools/equipment/spares issued with the weapon. (c) <u>Class-III stoppage</u>- Takes more than 10 minutes or special tools/ equipment to rectify defects and resume firing.	To be physically checked by the BOO. (i) Firing of 600 rounds will be done in six cycles of 100 rounds each using two sample weapons of each firm. (ii) 100 rounds will be fired continuously within duration of 5 minutes. (iii) After firing 100 rounds, a gap of 5 minutes will be given for cooling of the weapon. (iv) No cleaning/ maintenance are permitted during this test. This excludes actions done to remove stoppages. (v) Firer will be provided by the respective OEM. 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 and the result of trial firing will be acceptable to him". Buyer/ tendering agency to provide in service ammunition on payment basis. (vi) Time will be recorded by the BOO using stop watch. (vii) Misfire will not be considered as stoppage.
11.	Inter changeability Test	Interchangeability test is conducted to ascertain the modularity of critical components of the weapon by replacement of sub-assemblies. Pistol should be able to fire without any stoppages.	<u>Requirement of store</u> Weapon : 02 complete weapon. Ammunition : 02 full magazines. Working table: 01 No. (Size: 6 m x 1.5 m approx.) Marker Pen : 01 permanent silver coloured marker for marking on weapon and components. <u>Procedure</u> (a) Mark the selected weapons along with sub – assemblies & components as Sl. No 1 and Sl. No 2. (b) Dismantle & re-assemble the interchangeable components/ sub-assemblies of the pistol. (c) Verify the serviceability of re-assembled weapons by applying gauges supplied by OEM and hand functioning (to check free movement moving parts & functionality of change lever at various designated mode). (d) Weapon will be undertaken for firing if above parameters conform. (e) Fire full magazine in single shot mode fire within 15 seconds.



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			Observation (a) Interchanged weapons should pass the gauging parameters and hand functioning. (b) The weapons should not suffer from any class-II or class-III stoppage. (c) Record all damages & stoppage, if any.
12.	Adverse condition Test	(a) Sand Test (b) Water Test (c) Drop Test	(i) JSG 0131:2021 procedure to be considered for these tests. (ii) 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 & website of the lab. Authenticity of certificate must be confirmed by the BOO. (iii) The certificate will remain valid for 05 years from the date of its issue. The testing of weapon (at national level) for issue of fresh certificate/ renewal after expiry of the validity period of certificate may be facilitated by tendering agency during STEC, if required.
13.	Environmental Conditions: (a) Operating Temperature (b) Storage Temperature (c) Humidity Test	(a) -30° C to +50° C (b) -35° C to +50° C (c) 95% RH at temp +40°C.	(i) JSG 0131:2021 procedure to be considered for these tests. (ii) OEM to provide certificate from any NABL accredited lab/NFSU/ DRDO labs/DGQA/any Govt. lab/ International accredited lab. 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. (iii) The certificate will remain valid for 05 years from the date of its issue. The testing of weapon for issue of fresh certificate/ renewal after expiry of the validity period of certificate may be facilitated by tendering agency during STEC, if required.
14.	Designed for right & left handed use	Should provide equal ease of usage for right and left handed firers.	To be demonstrated by OEM and physically checked by the BOO.



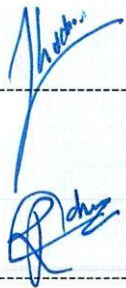






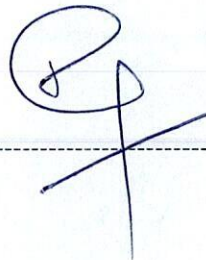
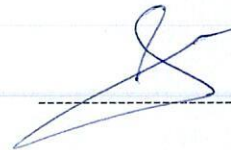



Sl. No	Parameters	Specification/ QRs	Trial Directives (TDs)
15.	Last Bullet Stop	The slide should lock in the open position after the last round is fired from the magazine	To be physically checked by the BOO by loading the filled magazine and firing the weapon till magazine is empty.
16.	Color	Black/Olive Green/Desert pattern to be specified by user at the time of tendering	To be demonstrated by OEM and physically checked by the BOO at the time of PDI.
PHYSICAL PARAMETERS			
17.	Indicator	Pistol should have loaded chamber indicator	To be physically checked by the BOO.
18.	Picatinny Rail	MIL STD 1913 Picatinny Rail integrated with the weapon on the lower side to provide interface for accessories like internationally available Tactical lights and LAD	To be physically checked by the BOO.
19.	<u>Sound Suppressor (Optional)</u> (a) Caliber (b) Sound Suppression (c) Color	Pistol should have a provision for attaching a sound suppressor (to be specified by the user at the time of tendering). Pistol can have 10% variation in length and weight if provided with sound suppressor. (a) 9 mm x 19mm. (b) Should be able to suppress sound by at least 20dB. (c) Black/Olive/Green/ Desert pattern to be specified by user at the time of tendering	To be physically checked by the BOO —
20.	Reflex Sight	Each Pistol should be provided with a Red Dot Reflex Sight.	To be physically checked by the BOO.



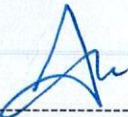


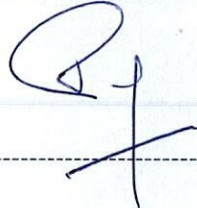


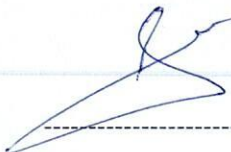




Sl. No	Parameters	Specification/ QRs	Trial Directives (TDs)
21.	Magazine Capacity	Minimum 15 rounds	To be physically checked by the BOO.
22.	Grip	Ergonomically designed for better grip and handling of weapon with both right & left hand.	To be physically checked by the BOO.
23.	Furniture	Should be made up of high strength polymers/composite/ reinforced scratch proof plastic of high strength enabling environmental stability.	To be physically checked by the BOO.
24.	Holster (optional- User to specify)	Holster should have secure and effective Thumb Break to ensure quick drawing of Pistol. The pistol should go inside the holster with all accessories mounted.	To be demonstrated by OEM and physically checked by the BOO.
MISCELLANEOUS PARAMETERS			
25.	Safety	Pistol should have external applied safety and internal mechanical safety.	OEM to provide self certificate. Safety parameter to be verified by BOO.
26.	Field Stripping	Pistol should be easily stripped without any tools & all cleaning parts to be designed for field cleaning.	To be demonstrated by OEM and physically checked by the BOO.
27.	Life Cycle	15 years for weapon & barrel life minimum 20,000 rounds.	(i) OEM to provide certificate from any NABL/ international/ DGQA/ NFSU/ Govt lab. (ii) OEM to provide contact person details, phone No, address, e-mail address and web site of the lab. (iii) Authenticity of the certificate must be confirmed by the BOO.
28.	Warranty	Minimum two years	OEM to provide warranty certificate









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29.	Accessories (Requirement and quantity to be specified by user)	Manufacturer should provide accessories to include:- (a) Sound Suppressor (b) Thigh/Hip/shoulder Holster (c) Magazine- 3 (one with weapon plus two additional) (d) Field cleaning kit (one with each pistol) (e) Standard/ Armourer weapon tool kit (f) Measurement gauge (go & No go) (g) Rigid water proof case for transit of weapon (h) Maintenance manual in English (j) Technical literature in English (k) Training manuals & user hand book. (l) Manufacturers Recommended List of Spares (MRLS) duly mentioning the prices. (m) Training slides brochures video films & CDs	Individual accessories to be demonstrated by OEM and physically checked by the BOO.
30.	Training	In-situ training for one week on operation, maintenance, fault finding & user level repairs to be imparted by OEM to user.	OEM to provide certificate for the same.




 Ram Pad AC/EXE
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 Rahul Khosla, DC
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