

कंसीलेबल 9 X 19 एम0एम0 कार्बाईन (CONCEALABLE 9X19MM CARBINE) के परिशोधित गुणात्मक आवश्यकता (क्यू0आर0)/ परीक्षण निर्देशों (टी0डी0) के मसौदे पर विक्रेताओं की टिप्पणियों का आमंत्रण

1. आपको सूचित किया जाता है कि कंसीलेबल 9 X 19 एम0एम0 कार्बाईन (Concealable 9x19mm Carbine) के परिशोधित गुणात्मक आवश्यकता (क्यू0आर0) और परीक्षण निर्देशों (टीडी) के मसौदे पर फर्मों/विक्रेताओं की टिप्पणियां आमंत्रित है। सभी फर्मों से निवेदन है कि नीचे दिए गए प्रारूप में वे अपनी टिप्पणियां भरकर ई-मेल पता **scord@nsg.gov.in** या **gcproc@nsg.gov.in** पर भेजें।

गुणात्मक आवश्यकता (क्यूआर)	परीक्षण निर्देश (टीडी)	फर्म द्वारा टिप्पणियां

2. आपसे अनुरोध है कि वेबसाइट पर प्रदर्शित होने की तारीख से 15 दिनों के भीतर अपनी टिप्पणियां भेजें। उप समूह कमेटी की बैठक में उपर्युक्त हथियार के गुणात्मक आवश्यकताओं/परीक्षण निर्देशों को अंतिम रूप देने पर विचार किया जा रहा है।

दिनांक : 06 अक्टूबर 2026



(अंकित शर्मा)

मेजर

स्क्वा0 कमाण्डर (आयुद्ध)

ईमेल : **scord@nsg.gov.in**

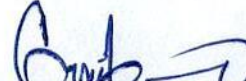
DRAFT REVISED QR/ TDS OF CONCEALABLE 9 X 19MM CARBINE

Ser No	Specification	Trial Directives
1.	Introduction: The concept of concealable 9x 19 MM Carbine SMG weapon is that it should be light weight, robust, easy to use, modular and above all at some extent it can be concealed.	To be physically checked by BOO.
2.	Caliber: Weapon should be capable of firing 9x19 mm Amn including indigenous OFB manufactured ammunition without any alterations or replacement of working parts of the carbine.	(i) To be physically checked by BOO with gauge provided by the OEM. (ii) OEM also provides a certificate from a national/ International accredited lab/ DRDO Lab/ DGQA Labs certifying the same.
3.	Weight of Carbine: Weight without magazine will not be more than 2.25 Kg .	To be physically checked by BOO.
4.	Firing Mode: (a) Single and Automatic. (b) Suitable change lever to select firing mode. (c) Change lever should positively locked to ensure that weapon fires in desired mode only when it is in designated position.	To be physically checked by BOO.
5.	Effective Range: Not less than 50 Meter.	(a) To be physically checked by BOO. (b) Five round will be fired from 50 mtrs from fixed mount / manually and minimum four rds should hit the 4 x 4 target.
6.	Muzzle Velocity: Not less than 375 m/s	OEM to provide a certificate from a national/ International accredited lab. OEM to provide contact person details, phone no, address, e- mail address and web site of the lab. The ammunition used for testing MV must be in-service/ NATO ammunition. Authenticity of the certificate must be confirmed by the BOO.
7.	Rate of Fire: Not less than 600 Rounds per minute cyclic rate of fire.	(i) OEM to provide a certificate from a National/ International accredited lab like NABL accredited lab / NFSU / DRDO labs / DGQA / Govt. Lab. JSG 0131:2021/ TOP procedure to be adopted for this test by the labs. (ii) OEM to provide contact person details, phone number, address, e-mail address & web site of the lab. (iii) Authenticity of certificate to be confirmed by the BOO. (iv) 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.


Kishla Nand Sharma, AE
CRDP


Ragnil NR, DE
CISP


Maj Sahil Virmar
52 SBG


Insp Babu Ram Shaw
SSB


Amit Kumar, DE
BSF


Fagan Siddiqui, DE
ISB


Jyraj Singh, ADDA (SA)
DGQA

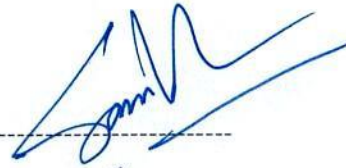

Lt Col SK Mahate
SC CWB, HQ NSG

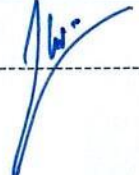

Through ve
Lt Col Suresh Kumar
NATO, ASSO RFLU

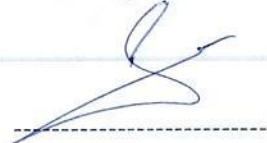
Ser No	Specification	Trial Directives																									
8.	Accuracy: (a) Single Shot Mode. (i) Weapon can be fired from fixed mount or manually as decided by OEM. (ii) Three attempts should be allowed. (iii) At 25 mtr range, the group size should be 10x10 cm. (iv) At least 6 rds out of 7 rds should hit the target within the specified group size in each attempt. (b) Auto / Burst Mode. (i) Weapon can be fired from fixed mount or manually as decided by OEM. (ii) Three attempts should be allowed. (iii) At 25 mtr range, the group size should be 25x25 cm. (iv) At least 60% of rds i.e 18 rds must hit the target within the specified group size in each attempt.	<table><tr><td>Type of Fire</td><td>Single</td><td>Auto</td></tr><tr><td>Mount</td><td colspan="2">Fixed/ Manual</td></tr><tr><td>Range</td><td>25M</td><td>25M</td></tr><tr><td>No of Rds</td><td>21</td><td>90</td></tr><tr><td>Group Size</td><td>10x 10 cm</td><td>25x 25 cm</td></tr><tr><td>Chances</td><td>03</td><td>03</td></tr><tr><td>Rds per chance</td><td>07 per mag x 3</td><td>30 per mag x 3</td></tr><tr><td>Hit probability</td><td>Min 6 rds per chance</td><td>Min 18 rds per chance</td></tr></table>	Type of Fire	Single	Auto	Mount	Fixed/ Manual		Range	25M	25M	No of Rds	21	90	Group Size	10x 10 cm	25x 25 cm	Chances	03	03	Rds per chance	07 per mag x 3	30 per mag x 3	Hit probability	Min 6 rds per chance	Min 18 rds per chance	Note: (i) The target and ammunition of same lot will be provided by user to all vendors on payment basis. (ii) Accuracy must be achieved in all three attempts.
Type of Fire	Single	Auto																									
Mount	Fixed/ Manual																										
Range	25M	25M																									
No of Rds	21	90																									
Group Size	10x 10 cm	25x 25 cm																									
Chances	03	03																									
Rds per chance	07 per mag x 3	30 per mag x 3																									
Hit probability	Min 6 rds per chance	Min 18 rds per chance																									
9.	Reliability: (a) Total 800 rds of same lot will be fired in four cycles of 200 rds each. (b) It should not suffer more than one class-1 stoppage in a firing cycle of 200 rds. (c) No class-II and class-III stoppages are permissible. Note: On requisition by PO, ATO will certify the serviceability of ammunition to be used for STEC/ Trial after due inspection. The certificate provided by ATO will be final and binding.	(i) A test cycle of 200 rounds will be fired in shorts bursts of 2 to 3 rounds. (ii) Weapon will be allowed to cool down for 10 minutes. Tests will be carried out during field functional trial and the firing will be carried out by the firers of the OEM. Weapon will be fixed on a mount and fixed accuracy test will be conducted the OEM ammunition. (iii) OEM to provide firer and the target and ammunition will be provided by user on payment basis. 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." (iv) tendering agency to specify in service ammunition & make it available for trial testing on payment basis. (v) Misfire will not be considered as stoppage.																									

Ser No	Specification	Trial Directives
10.	<u>Adverse Condition Test.</u> (a) Sand Test (b) Water Test (c) Mud Test (d) Drop Test	(i) OEM to provide certificate from any international / NABL accredited lab / NFSU / DRDO labs / DGQA / Govt. Lab. JSG 0131:2021/ TOP procedure to be adopted for these tests by the labs. (ii) OEM to provide contact person details, phone number, address, e-mail address & web site of the lab. (iii) Authenticity of certificate to be confirmed by the BOO. (iv) 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. (v) For OEMs fulfilling TOP procedure should be Make in India (MII) compliant.
11.	<u>Environmental Conditions Tests:</u> (a) Operating Temperature: -35 Deg C to +55 Deg C. (b) Storage Temperature: -35 Deg C to +55 Deg C. (c) Humidity: 65% RH at 25 Deg C.	OEM to provide a certificate from a national/ International accredited lab. OEM to provide contact person details, phone no, address, e-mail address and web site of the lab. Authenticity of the certificate must be confirmed by the BOO.
12.	The weapon should be capable of ambidextrous use.	(a) Following components of the Concealable 9X19mm Carbine SMG should be ambidextrous in design: (i) Change lever/ Safety catch. (ii) Magazine Catch. (iii) Cocking Handle. (b) Ejection port/ ejection of spent case should not foul with face or hand of the firer when firing from both right and left shoulder. (c) To be demonstrated by OEM and physically checked by BoOs.
13.	<u>Color:</u> Black or to be specified by user at the time of tendering.	To be physically checked by BOO.
14.	<u>Length:</u> Overall length-Not more than 550 mm with stock extended and not more than 330mm with stock closed.	To be physically checked by BOO.









Ser No	Specification	Trial Directives
15.	Picatinny Rail: Mil standard 1913 picatinny Rail integrated with the weapon on three sides (12 and 6 O' Clock. Orientation of the Third picatinny rail to be specified by the user) to provide interfaces for accessories like internationally available Optical sights and Tactical lights/ LAD. Optional Fourth picatinny rail if required will be mentioned by user during bidding along with its orientation.	To be physically checked by BOO.
16.	Life: Barrel life of weapon should be of minimum 15000 rounds, or weapon life 15 years which ever is earlier.	OEM to provide a certificate from a national/ International accredited lab. OEM to provide contact person details, phone no, address, e-mail address and web site of the lab. Authenticity of the certificate must be confirmed by the BOO.
17.	Optical Sight Reflex Sight: Procurement of optical sights with the weapon is not mandatory. To be decided by the users at the time of tendering. It should be convenient for the firer to use the sight to acquire and effectively engage stationery and moving target. The firer should have option of using it with both eyes open or master eye only. (a) Nature - It should be passive in nature. (b) Range - Upto 150 meter. (c) Zeroing - Arrangement for zeroing in the horizontal and vertical plane. (d) Reticle - Provision for adjustment of brightness level of reticle. (e) Weight Not more than 350 Gms. (f) Color Black with no shining parts. Optical surfaces should be antiglare and scratch resistant. (g) Mounting - It should be easy to mount and remove the sight from the weapon without the use of special tools. (h) Power source - Power source-it should be powered by commercially available batteries and minimum endurance should be 10 hours. It should have auto shut down facility. (i) Low battery, indicator - Sight should be provided with low battery indicator which must provide minimum 30 minutes to allow change of battery To be physically checked by BOO. and must not affect current task in progress. (k) Compliance - The sight should be compliant to JSS-55555. (l) Operating temperature - -35 deg C to +55 deg C. (m) Storage temperature --35 deg C to +55 deg C. (n) Relative humidity - 65% at 25 deg C.	To be Physically checked by BOO. Night Firing 120 rounds (For accuracy, hit probability, single shot and burst mode). To be physically checked by BOO. OEM to provide certificate.





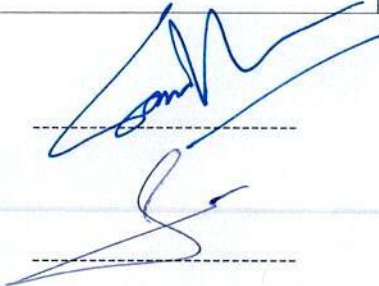







Ser No	Specification	Trial Directives
18.	Laser Aiming Aid (Optional): It should aid in aiming at the target in twilight and night conditions. (a) Type - visible eye safe laser. (b) Range - not less than 100 Mtr during night. (c) Activation - thumb grip. (d) Zeroing - arrangement for zeroing in the horizontal and vertical plane. (e) Laser Spot - It should be clearly visible upto a minimum of 100 Mtr distance. (f) Weight - not more than 250 Gms with batteries. (g) Color - black with no signing parts. (h) Mounting - it should be easy to mount and remove the equipment from the weapon without the use of special tools. (i) Power Sources - it should be powered by commercially available batteries and minimum endurance should be 700 shots of 5 second duration each.	OEM to provide certificate. To be physically checked by BOO. To be physically checked by BOO. To be physically checked by BOO. To be physically checked by BOO. To be physically checked by BOO. To be physically checked by BOO. To be physically checked by BOO. To be physically checked by BOO. Day and night firing - 90 rounds.
19.	Magazine: (a) Capacity - Not less than 30 rounds. (b) Material -It should be robust enough to withstand rough uses under various environmental conditions. Should not get deformed when subjected to heat during prolonged firing or in hot weather conditions. It should be either metallic or high strength polymer.	To be physically checked by BOO. OEM to provide certificate.
20.	Furniture: Should be made up of high standard polymers/ composite/ reinforced scratch proof plastic of high strength enabling environmental stability.	To be physically checked by BOO. OEM to provide certificate.
21.	Fore Hand Grip: It should be present in the carbine. The offered fore hand grip should be detachable and mountable on picatinny rail and should remain intact and fully functional throughout its prescribed endurance and reliability trials.	To be physically checked by BOO.
22.	Sighting: Can have open sights or aperture sights.	To be physically checked by BOO.
23.	Sling: It should have adjustable and robust carrying sling with quick detachment feature.	To be physically checked by BOO.








Ser No	Specification	Trial Directives
Miscellanies Parameter		
24.	Safety: Both mechanical and applied safety.	To be demonstrated by OEM and physically checked by BOO.
25.	Field Striping: Weapon should be easily stripped without any tool or with minimum tools, and all cleaning parts to be designed for field cleaning.	To be demonstrated by OEM and physically checked by BOO.
26.	Accessories: Manufacturer of the weapon should provide accessories to include:- (a) Laser aiming Device. (b) Magazine. (c) Field cleaning kit. (d) Standard weapon tool kit. (e) Measurement gauge (Go and No go). (f) Filler Gauge. (g) Firing pin protrusion Gauge. (h) Maintenance manual in English. (i) Technical literature in English. (k) Training manual and user hand book/ training brochure/ video films. (l) Manufactures recommended list of spares duly priced. (m) Recommended list of spares for four years for Repairs at all levels and spares backup, backup must be assured at least for fifteen years. (n) List of STES/ SMTS/ Test Jigs for repair and testing of main equipment at field level. (o) Illustrated spare parts list. Note: The quantity of each accessories to be specified by the user at the time of tendering	Individual accessories to be demonstrated by OEM and physically checked by BOO.
27.	Training: In situ training for one week on operation, maintenance, fault finding and user level repairs at buyer's premises at their cost.	OEM to conduct the training.


 Kushla Narad Sharma, A
 CRPF


 Ragni M.R. DC
 CJSF

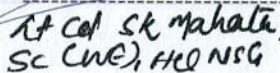

 Maj Sahil Verma
 S2SAG

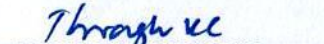

 Deep Babu Bhowshar
 SSB


 Anil Kumar, DC
 BSF


 Fazan Siddiqui, DC
 ITBP


 Jugraj Singh, ADQA(SA)
 DGCIA


 Lt Col SK Mahala,
 SC CMC, HQ NSG


 Lt Col Sanjay Kumar,
 AATO, Assam Rifles