

INVITATION OF VENDOR COMMENTS ON REVISED DRAFT
QR/ TDs OF LASER AIMING DEVICE LASER GRIP/TACTICAL LIGHT FOR PISTOL (VISUAL/IR)

1. It is intimated that firms/ vendors' comments are invited on the QR/ TDs of Laser aiming device grip/tactical light for pistol (Visual/IR). All firms are requested to offer their comments on e-mail address scord@nsg.gov.in or gcproc@nsg.gov.in in under mention 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.

Dated : 16 June 2022


(Sonu Rai)
Lt Col
SC (Ord)

DRAFT QRs &TDs : LASER AIMING DEVICE LASER GRIP/TACTICAL LIGHT FOR PISTOL (VISUAL/IR)

SNO	Parameters	Qualitative Requirements	Trial Directives
1.	Material	6061- T6 Aluminium alloy with fibre re-inforced nylon and anodized finish	Firm to submit national/ international accredited lab test certificate.
2.	Aiming option	<ul style="list-style-type: none"> • LED TAC light • Visible laser beam • IR laser beam <p>Option to switch between visual and IR laser to be given. Visible laser beam as per user requirement (Red/Green).</p>	To be physically checked by BOO.
3.	Laser Type	3B/3A type. Laser should be eye safe	Firm to deposit national/ international accredited lab test certificate.
4.	Laser Wavelength	Green & Red - 450 nm to 650 nm and IR – 800 nm to 850 nm	Firm to deposit national/ international accredited lab test certificate.
5.	Range of Laser Aiming Device	Range should not be less than 10m.	OEM Cert to be provided by the firm. To be physically checked by BOO.
6.	Beam divergence of LASER	It should not be more than 1.1 mrad (milliradians)	Firm to submit national/ international accredited lab test certificate.
7.	Laser dot size	Should be less than 15 mm at 10 m	To be physically checked by BOO.
8.	Laser output power	Should be less than 5 mW	OEM Cert to be provided by the firm.
9.	Output LED Source	Minimum 2.8W	OEM Cert to be provided by the firm. To be physically checked by BOO.
10.	Size	Compact size with max dimensions of 85x45x55mm	To be physically checked by BOO.
11.	Low voltage indication	The eqpt should have low voltage indication .	To be physically checked by BOO.
12.	Battery Type	Compatible Lithium rechargeable battery type & should be available commercially.	OEM Cert to be provided by the firm. To be physically checked by BOO.
13.	Bty endurance	Minimum 15 hrs for only laser and 2 hrs for both LED light and laser beam	OEM Cert to be provided by the firm. To be physically checked by BOO.

14.	Size	Compact size with max dimensions upto 85x45x55 mm	To be physically check by board of officers
15.	Net Weight	Maximum 180 gm (with bty)	To be physically check by board of officers
16.	Zeroing	Option for elevation and traverse adjustment for zeroing of laser beam should be given	To be physically check by board of officers
17.	Colour	Black (Non shiny)	To be physically check by board of officers
18.	On/off switch	Separate ambidextrous on/off switch for laser and light beam. Option for switching light and laser on/off separately.	To be physically check by board of officers
19.	Picatinny Rail mount	Should be MIL Std 1913 compliant. (To be provided as per user reqmt)	Firm to submit national/ international accredited lab test cert.
20.	Operating temp	-25 ⁰ C to +50 ⁰ C	Firm to submit national/ international accredited lab test cert.
21.	Water proofing	Should be IP 67 Standard compliant.	Firm to submit national/ international accredited lab test cert.
22.	Carrying Case	Hard Case with soft laser cut padding be provided	To be physically check by board of officers
23.	Tools	01 X compatible hex key set/ equivalent tools required for mounting/dismounting , zeroing and maintenance of the eqpt to be provided.	To be physically check by board of officers
24.	Device Quality	Should be ruggedized and compliance to requirements as per JSS 5855-11:2019 (Revision 1)	OEM Cert in respect of the same to be produced by firm.
25.	Warranty	Min 2 years warranty	OEM Cert in respect of the same to be produced by firm.