

**DIRECTOR GENERAL BORDER SECURITY FORCE**  
**PROVISIONING DIRECTORATE (MOD CELL)**

**EXPRESSION OF INTEREST**

Commandant (ord)  
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The Sub-group of Technical Experts constituted by MHA vide their letter No. IV-24011/12/2011-Prov-I dated 13 Jun 2012, No. IV-24011/12/2011-Prov-I dated 28 Dec 2012 & UO No. IV-24011/12/2011-Prov-I- 350 dated 27 Jun 2013 held its meeting at BSF Headquarters **on 17<sup>th</sup> April 2017** to formulate the Qualitative Requirement of **“Dry Zeroing Device”**. After detailed deliberations the referred Sub-group has formulated the QRs/TDs which are as under:-

**User will have a choice to opt for either laser based Dry Zeroing Device or Collimator based Dry Zeroing Device.**

**A. Laser based :**

1.	Dry Zeroing is required to bore sight and zero weapon sights without firing. It should be capable of being fitted with a wide range of weapon(Pistols, Assault Rifles, SMGs, LMG Sniper and AMR) with different bore caliber up to 20 mm (as per user requirement).
2.	Must be able to Zero following weapon sight combinations :- a) Laser Aiming Device. b) Iron Sights of the weapon. c) Thermal Sights. d) Holographic/Reflex Sight.
3.	Facility of zeroing the weapons and devices mentioned in Srl No. 1 & 2 in night.
4.	Accuracy 0.5 mrad.
5.	Weight with battery should be less than 500 Gms.
6.	Power source- Dry fit maintenance free battery with minimum 1 hour continuous operation.
7.	Must be simple to operate and maintain.
8.	Must be rugged and robust in construction.
9.	Operating temperature -20 degree C to +55 degree C.

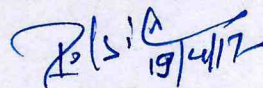


**B. Collimator based:**

1.	Dry Zeroing is required to bore sight and zero weapon sights without firing. It should be capable of being fitted with a wide range of weapon(Pistols, Assault Rifles, SMGs, LMG Sniper and AMR) with different bore caliber up to 20 mm (as per user requirement).
2.	Must be able to Zero following weapon sight combinations :- a) Laser Aiming Device. b) Iron Sights of the weapon. c) Thermal Sights. d) Holographic/Reflex Sight.
3.	Reticule illumination – There should be inbuilt mechanism to illuminate the reticule.
4.	Accuracy 0.5 mrad.
5.	Weight should be less than 500 Gms.
6.	Must be simple to operate and maintain.
7.	Must be rugged and robust in construction.
8.	Operating temperature -20 degree C to +55 degree C.

***Note- All firms are requested to comment upon the above mentioned QRs and furnish original OEM Brochures/ catalogues. Firms are also requested to quote their Model Name/ Number being offered on the proposed QRs.***

The Sub-group has decided to upload the QRs/ TDs on BSF website for 15 days to invite the views/ comments/ suggestions of prospective bidders to make the QRs more broad based.



**(Rishipal Singh)**

Second-In-Command (Mod)