

DRAFT QRs & TDs OF TACTICAL BALLISTIC SHIELD HAND HELD OR MOBILE/  
FLANK SHIELD/ HIT SHIELD/ BULLET RESISTANT SHIELD

S no	Parameters	Specifications	Trial Directive
1.	Material	Firm to declare type of material used	BOO to check the declaration and data sheet to be provided by firm.
2	Protection level	User to specify the protection level of shield as mentioned below at the time of tendering.  <b>Level III</b> It should provide protection against following amn :- (a) 5.56 x 45 mm NATO (b) 7.62 x 39 mm MSC (c) 7.63 x 51 mm NATO  <b>Level IV</b> It should provide protection against following amn :- (a) 7.62 x 39 mm HSC (b) 7.62 x 54 mm API	(a) Firms to provide 01 x shield sample for lab testing (b) Ballistic testing to be carried out at CFSL or TBRL Chandigarh laboratories. (c) Min 06 rounds from 10 mtr range at 0° angle of incidence to be fired with shot to shot distance max 51 mm and Edge to shot distance max 38 mm. (d) BFS not more than 44 mm.
3	Design and size	User to specify design and dimensions of type of ballistic shield being procured at the time of tendering.	BOO to physically check the design and dimensions as specified in the tender
4	Weight	Weight of shield with dimensions 90 x 50 cm (rectangular shape) should not exceed :- Level III – 13 Kgs Level IV – 16 Kgs	BOO to measure the weight of ballistic shield and then calculate the weight in relation to weight mentioned in specification by taking surface area of shield into account. Tolerance of 10% may be accepted.
5	Handle	Suitable handle and strap be provided along with padding to carry shield in operations.	BOO to physically check the suitability of carrying shield. Shield should be used in conjunction with weapon. To check the suitability shield to be employed in room intervention drill
	Color	User to specify color at the time of tendering as Black/ Green/ Brown.	BOO to physically check the color as per tender requirement
	Accessories	Following attachments may be provided as per user requirement :- (a) Exoskeleton shield carriage sys. Max weight 1.5 kg (b) Flash light (c) Laser dazzler (d) Camera with screen for real time viewing.	BOO to physically check.
8	Casing/ cover	A suitable water proof cover with shoulder straps be provided for carriage and transportation.	