

BROAD PARAMETERS FOR REFLEX SIGHT

1. **Reflex Sights.** Reflex Sight is an optical device that allows the user to look through a partially reflecting glass element and see an illuminated projection of an aiming point or some other image superimposed on the field of view. They should be directly mountable on picatinny rail of assault rifles.

Information Required

2. OEM are requested to respond to the following details and indicate which may/may not be essential requirements of the Reflex Weapon sight (as per questionnaire below):-

<u>Ser No</u>	<u>Information Required</u>	<u>Reply with Specifications by the OEM</u>
(a)	General Description of the Equipment	
(b)	<u>Physical Characteristics</u>	
	(i) Ruggedized to withstand rough usage and harsh weather	
	(ii) Weather proof	
	(iii) Shock Proof	
	(iv) Dimensions	
	(v) Weight with battery	
	(vi) Operating Life	
	(vii) Shelf Life	
	(viii) Camouflage	
(c)	<u>Operational Characteristics</u>	
	(i) Types of weapons on which it can be used.	
	(ii) Facility to mount on weapons with and without picatinny rail	
	(iii) Reticle:- (aa) Pattern. (ab) Size and dimensions of reticle. (ac) Characteristics of the reticle. (ad) Degree of parallax/Parallax free. (ae) Target acquisition facility, if any.	
	(iv) Brightness Level Adjustment	
	(v) Field of View.	
	(vi) Zeroing.	
	(vii) Robustness.	
	(viii) Power:- (aa) Power source and its availability in India. (ab) Battery endurance. (ac) Characteristics of the reticle. (ad) Operating temperature of battery. (ae) Low battery indicator. (af) Auto shut down facility.	

Ser No	Information Required	Reply with Specifications by the OEM
	(ix) Compatibility with Night Vision Devices.	
	(x) Degree of Eye relief to firer.	
	(xi) Day and night firing facility.	
	(xii) Parameters of Parallax.	
(d)	Environmental Conditions.	
	(i) Operating Temperature.	
	(ii) Storage Temperature.	
	(iii) Relative Humidity.	
	(iv) Moisture and Water proof.	
	(v) Compact and Ruggedness.	
(e)	Calibration :- (aa) Horizontal. (ab) Vertical.	
(f)	Facility for field and base level repairs.	
(g)	Availability of spares.	
(h)	Any other relevant information	

3. OEMs/Vendors should specify any other characteristic which should be the part of the Technical Specifications of the equipments.

INFORMATION PROFORMA

1. **Name of the Vendor/Company/Firm.**

(Company profile, in brief, to be attached)

2. **Type (Tick the Relevant Category).**

(a) Original Equipment Manufacturer (OEM) Yes No

(b) Government sponsored Export Agency Yes No
(Details of Registration be provided)

(a) Authorised Representative of OEM Yes No

(b) Other (give specific details)

(c) Any collaborator/partner in India (in case of foreign vendors).

3. **Contact Details.**

Postal Address

City : _____ Province : _____

Country : _____ Pin/Zip Code : _____

Tele : _____ Fax : _____

URL/Website : _____

4. **Local Branch/Liaison Office/Authorised Representatives in Delhi (if any).**

Name and Address

City : _____ Province : _____

Country : _____ Pin/Zip Code : _____

Tele : _____ Fax : _____

5. **Financial Details.**

(a) Annual turnover : _____ USD

(b) Earlier contracts with Indian Ministry of Defence/ Government agencies:-

Agency	Contract Number	Equipment	Quantity	Cost

(c) Details of manufacturing infrastructure available: _____

6. **Certification by Quality Assurance Organisation (If Applicable).**

Agency	Certificate	Applicable from (Date & Year)	Valid till (Date & Year)

7. **Equipment/Product Profile (to be submitted for each product separately).**

(a) Name of the Product : _____
(Should be given category wise for e.g. all products under night vision devices to be mentioned together)

(b) Description (attach technical literature) : _____

(c) Whether OEM or Integrator : _____

(d) Status (in service/Design development state) : _____

(e) Production capacity per annum : _____

(d) Countries where equipment is in service : _____

(g) Whether export clearance is required from respective government (Foreign Vendors only).

(h) In case of equipment and ammunition JV/MoU compliance to be specified.