

Government of the People's Republic of Bangladesh
Bangladesh Police
Police Headquarters, Dhaka.

TECHNICAL SPECIFICATIONS OF NIGHT VISION GOGGLES

Manufacturer or Suppliers must read and fill up the following technical specification cautiously, so that the offered item complies with the specification. Conditional or alternative offer shall not be evaluated.

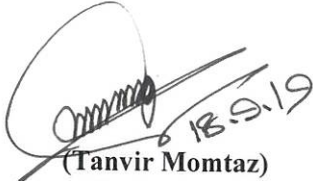
Ser No	Description	Specification	Bidder's Offer
(a)	(b)	(c)	
PART-1: GENERAL SPECIFICATION			
1.	Nomenclature	Night Vision Goggles (NVG).	
2.	Type	Helmet/headgear mounted, hands free, image intensifier tube type with auxiliary momentary infrared light source.	
3.	Year of Production	Not before the year of contract.	
4.	Model	To be mentioned.	
5.	Name of Manufacturer	To be mentioned.	
6.	Country of Origin	USA/Canada/Japan/UK/Germany/Italy/France	
7.	Country of Manufacturer	USA/Canada/Japan/UK/Germany/Italy/France	
8.	Country of Assembly	USA/Canada/Japan/UK/Germany/Italy/France	
9.	Generation	GENERATION 3 with FOM <1600 and Halo >0.85mm	
10.	Capabilities	a. To enable an individual to observe during night at low level radiation. b. To enable detection of static and moving objects at night and during complete darkness. c. To be easy to operate and handle. d. To be sturdy and easy to maintain. e. To have all weather capability, water, dust, vibration and shock proof and corrosion free from normal salinity.	
11.	Optical		
	a. Spectral Response	To be mentioned	
	b. Magnification (min)	1X	
	c. Resolution	45-72 lp/mm	
	d. Objective Lens EFL	To be mentioned	
	e. Eyepiece Lens	To be mentioned	
	f. Focal Length	To be mentioned	
	g. Exit Pupil Relief	15mm	
	i. Diopter Adjustment (minimum)	-5 to +2	
	j. Inter-pupillary Adjustment	To be mentioned	
	k. Number of Eyepiece	Two (2)	
	l. Automatic brightness control	To be mentioned	
	m. Bright light cut off	To be available	
	n. IR illumination	To be mentioned	
	o. IR Indication	To be mentioned	
12.	Image Intensifier Tube (IIT)		
	a. Generation	Gen 3 or higher	
	b. Name of Manufacturer	To be mentioned	
	c. Country of Origin and Manufacturer	USA/Canada/Japan/UK/Germany/Italy/France	
	d. Resolution	45-72 lp	
	e. Photo Cathode Sensitivity	To be mentioned	

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	f. Photo Cathode Diameter	To be mentioned	
	g. Operational Life	To be mentioned	
13.	<u>Mounting</u>		
	a. Helmet mounted with Flip Up and Down Attachments for Hands Free Operation	To be mentioned	
	b. Mounting Possible on Variety of Helmets	To be mentioned	
	c. Mechanism for Quick Attachment and Detachment	To be mentioned	
14.	<u>Weight and Dimension</u>		
	a. Weight of the NVG (Without mount)	450-500 gm	
15.	<u>Power Supply/Power Source</u>		
	a. Type of Battery	To be mentioned	
	b. Battery life	Min 48 hours after full charge	
	c. Low battery indication	Required	
	d. Auto Power Cut off	Must have automatic power cut off in high light condition and in stowed position.	
	e.		
16	<u>Power Supply/Power Source Recharging</u>		
	a. IR Operation Indicator	Required	
	b. Low Battery Indicator	Required	
17.	<u>Operating/Storage Condition</u>		
	a. Operating Temperature Range	-40°C to +50°C	
	b. Storage Temperature Range	min. -50°C to +70°C	
	c. Operation during Fog, Rain	Water and Fog Resistant	
18.	List of Standard Accessories for each NVG of full range of operation	The List of Accessories Required	
<u>PART-2 : USER TRAINING</u>			
19..	<u>User training</u>		
	a. Various use of NVG	Training to be conducted of 2 days.	
	b. General Care and Maintenance		
	c. Storage Related Training		
20.	Operational, Repair and Maintenance training	To be provided	
21.	List of spares	To be provided separately item wise price.	
22.	Sample	(i) 01 (One) pcs of non-returnable sample shall be submitted by the tenderer at the time of tender submission (Without any marks). (ii) For e-Tender sample shall be submitted before closing date and time (Including Test Fee). (iv) No sample shall be accepted after tender closing date and time. (iii) Without submission of samples, tender will be treated as non responsive. (iv) All sorts of testing fee have to be borne by the Bidder.All testing items will be sent to the reputed testing organization like Bangladesh Standards and Testing Institution (BSTI)/ Bangladesh	

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		University of Engineering and Technology (BUET)/ Dhaka University/ Bangladesh Council of Scientific and Industrial Research (BCSIR) or any Government/Non-Government accredited testing laboratory for confirming material composition.	
23.	Warranty	<p>a. Warranty Certificate: Manufacturer's Warranty Certificate for all the components is to be delivered under tender for not less than 24 (twenty four) months, counted from the final date of acceptance.</p> <p>b. Warranty Repair / Replacement: For any discrepancy or defect in the Item and their all components during operation within the warranty period, the supplier shall be responsible to rectify the defects by his specialist and replace the defects items within 30 days from the date of reporting at their own expenses.</p> <p>In case, the product fails to perform according to its specification during operation within the warranty period, the <u>repairing/replacing period shall be extended with warranty period</u>. The warranty shall be covered with all the components.</p> <p><u>2) After Sales Support:</u></p> <p>a) After the twelve 24 (twenty four) months warranty period, The supplier shall have to provide after sales service support for next twelve (12) months at free of charge.</p> <p>b) The supplier will render after sales service on payment for a period of 05 years after the warranty.</p> <p>If the Supplier fails to comply with any of the warranty obligations, the purchaser shall reserve <u>unfettered right</u> to take any legal action against them, in addition to forfeiting performance security along with the unpaid portion of the total contract payment, if there is any, in full or which may deem fit by the authority.</p>	
24.	Manufacturer /Supplier Web page address	Manufacturer/Supplier's web page address to be mentioned in the offer.	
25.	Catalogue	Printed original catalogue of the manufacturer shall be submitted with the offer (No photocopy or PDF format will be accepted). Submitted specification should be complied by the catalogue.	
26.	Manufacturer certificate	Manufacturer Authorization letter and warranty certificate must be submitted with the offer.	
27.	Operation Manual	1 Set Operation Manual for each item (During delivery)	
28.	Certification (Shall attach with offer)	Manufacturer shall have ISO or Equivalent certificate.	


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