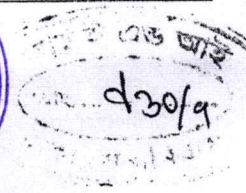


TECHNICAL SPECIFICATION OF BINOCULAR

Ser	Description	Technical Specification	Rmks
PART-1: GENERAL SPECIFICATION			
1.	General Data:		
	a. Nomenclature	Binocular	
	b. Make and Model	To be mentioned	
	c. Country of Origin	Group A Countries	
	d. Country of Manufacture	Group A Countries	
	e. Country of Assembly	Group A Countries	
	f. Year of Manufacture	Not before the contracted year	
	g. Warranty	Minimum 01(one) year after final acceptance of all items and issuance of Inspection Note (I/Note) by IE&I.	
	h. Name, Address, Contact Number, Website/E-mail Address of the Manufacturer	To be mentioned	
	j. Name Address, Contract Number, Website/E-mail Address of the Principal	To be mentioned	
	k. Name, Address, Contact Number, Website/E-mail Address of the Local Agent	To be mentioned	
PART-2: TECHNICAL SPECIFICATION			
2.	Optical Details:		
	a. Magnification (Minimum 10x)	To be mentioned	
	b. Objective Lens Diameter (Minimum 30 mm)	To be mentioned	
	c. Field of View(Degree) (Minimum 6°)	To be mentioned	
	d. Field of View at 1000 m (Minimum 100 m)	To be mentioned	
	e. Exit Pupil (Minimum 3.75 mm)	To be mentioned	
	f. Eye Relief	To be mentioned	
	g. Prism	To be mentioned	
	h. Coating of Lens	To be mentioned (Standard)	
	j. Dioptric Adjustment/ Correction	To be mentioned	
	k. Focus	To be mentioned	
	l. Brightness	To be mentioned	
	m. Inter Pupillary Adjustment Distance	To be mentioned	
	n. Reticle	Reticle: Reticles inside the binocular should have scale from 0 mils up to min 50 mils with 05 mils graduation on either side both horizontally and vertically. Maximum possible scale marking to be mentioned	
	p. Reticle Type	To be mentioned	
	q. Viewing Range	To be Mentioned (Minimum a man size target to be viewed from 1000m)	
3.	Physical:		
	a. Dimension (L x W x H)	To be mentioned	
	b. Weight	To be mentioned	
	c. Color	Metal Bronze Green (MB Green)	
4.	Environmental Standards:		
	a. Immersion	Military Standards 810 G (Should sustain 30 minutes under 1 meter water at normal temperature and pressure)	
	b. Drop	Military Standards 810 G (6 (Six) drop on natural ground from 1.2m height)	
	c. Fog & Dust	Military Standards 810 G	



Ser	Description	Technical Specification	Rmks
	d. Vibration	Military Standards 810 G (5 minutes at 250 RPM)	
	e. Operating Temperature	-5° C to +50° C	
	f. Storage Temperature	-10° C to + 55° C	
	g. Humidity Permissible Condition for Operation	95% and above	
5.	List of Standard Items/Accessories (For Full Range of Operation of The Equipment) for Each Binocular		
	a. Casing	Standard Hard Casing with Shoulder Strap	
	b. Lens Cap	Complete set to be Provided	
	c. Lens Cleaning Cloth and Brush	To be Provided	
	d. Maintenance Kit (Optional)	List to be provided (price to be quoted separately)	
	e. List of other Items/Accessories	List to be mentioned confirming full range operation	
	f. List of Optional items/ Accessories	List to be mentioned	
6.	Others Conditions:		
	a. Tender Sample Basis. One Complete Binocular with Complete Accessories is to be submitted for as Tender Sample for Test and Trial (No Cost No Obligation Basis).		
	b. All items and accessories to be supplied with each Binocular to be listed		
	c. Brochure/Catalogue/Data sheet as applicable with detail technical data for the offered Binocular is to be Submitted		
	d. Manufacturer Website/URL etc. Where details of offered Binocular to be mentioned		
	e. Demonstration on equipment to be arranged by manufacturer/local agent (if necessary)		
PART-3: TRAINING REQUIREMENT		Not Required	
PART-4: REPAIR AND MAINTENANCE REQUIREMENT LESS LIST OF SPARES (IF APPLICABLE) As per Annex D			
7.	a. Measuring & Testing/Fault finding and Diagnostic Set	To be provided. As per requirement of Electrical and Mechanical Engineers Directorate.	
	b. Special Service Tools (SST)		
	c. Special Service Materials (SSM)		
	d. Books and Publication		
	(1) Owners/Operators Manual in English (Book Type) including CD/DVD		
	(2) Workshop/Repair Manual in English (Book Type) including CD/DVD		
	(3) 100% Updated Master Spare Parts Catalogue in English (Book Type) including CD/DVD		
	(4) Complete and Updated Master Spare Parts Price Catalogue/List in English (Book Type) including CD/DVD		
PART-5: LIST OF SPARES (IF AVAILABLE) As per Annex D			
8.	List of Spares	To be provided	
PART-6: TOOL LIST FOR DIFFERENT LEVEL OF MAINTENANCE (IF APPLICABLE)			
9.	Tool list for different level of maintenance	To be provide	
PART-7: FINANCIAL SPECIFICATION			
10.	Financial Implication/Specifications	To be mentioned	

