

TECHNICAL SPECIFICATION OF VEH MOUNTED DASH SPEED GUN POLICE RADAR

Ser	Description	Required Technical Specification	To be filled up by Manufacturer/Supplier
(a)	(b)	(c)	(d)
Part – 1: General Specification			
1.	Nomenclature	Veh Mounted Dash Speed Gun Police Radar	
2.	Brand	To be mentioned	
3.	Model	To be mentioned	
4.	Country of Origin	Group A and B	
5.	Country of manufacture	To be mentioned	
6.	Country of assembly	To be mentioned	
7.	Name of Manufacturer with complete address (Office address, Telephone, Fax, E-mail and web address)	Details to be mentioned	
8.	Name of Principal with complete address (Office address, Telephone, Fax, E-mail and web address)	Details to be mentioned	
9.	Name of Local agent with complete address (Office address, Telephone, Fax, E-mail and web address)	Details to be mentioned	
10.	Year of Production	Brand new and year of production not before the calendar year of contract	
Part-2: Technical Specification			
11.	a. Type	Dual Antenna Direction Sensing Moving/Stationary Doppler Radar.	
	b. Power	(1) Can operate with vehicle battery/cellular battery. (2) Both option to be available (3) Battery must be rechargeable	
	c. Bty Backup	6 Hours	
	d. Environmental		
	(1) Operating Temperature	-5° C to +50° C	
	(2) Storage Temperature	-10° C to +55° C	
	(3) Dust Proof and water resistance	To be available	
	e. Display	Lighting display	
	f. Accuracy	±1 mph stationary, ±2 mph moving ±1.6 km/h stationary, ±3.2 km/h moving	
	g. Automatic Self-Test	To be available	
	h. Stationary Speed Range	20 km/h to 220 km/h for same lane and opposite lane vehicle	
	j. Moving Speed Range	30 km/h to 200 km/h for same lane and opposite lane vehicle	
	k. Antenna	Conical horn with corrective lens	



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Ser	Description	Required Technical Specification	To be filled up by Manufacturer/Supplier
(a)	(b)	(c)	(d)
	l. Antenna portability and mobility	To be available	
	m. Polarization	Circular	
	n. Measuring Unit	KMPH	
	p. Data transfer interfaces	USB, Card reader	
	q. Rear Traffic Alert	To be available	
	r. Others Features	True Doppler Audio Read-Thru Lock, With Multi-Colored LEDs Removable Counting Unit Display	
	s. Data storage capacity	2 TB	
12.	Model Validity	Minimum 05 Years	
13.	Warranty Duration	Minimum 01 Year	
14.	Note: Any other features/accessories/tools which are not mentioned in the technical specification but are required for the smooth functioning of the system, must be included and to be mentioned by the bidders in the tender documents		

PART-3: TRAINING REQUIREMENT

15.	Operation/User Training	13 Pers (Duration 1 Week)	
16.	Repair, Maintenance and Trouble shooting Training (If reqr)	To be provided (As per requirement of EME Dte)	
17.	Inventory Control and Equipment Management Training	To be provided (As per requirement of Ord Dte)	
18.	Orientation and Quality Control Mgt Trg (if reqr)	To be provided (As per requirement of ITD Dte)	

PART-4: REPAIR AND MAINTENANCE REQUIREMENT LESS LIST OF SPARES

19.	a. SST/measuring & testing/fault finding and diagnostic set (If reqr)	To be provided (As per requirement of EME Dte)	
	b. Special Service Materials (If reqr)	To be provided (As per requirement of EME Dte)	
	c. Books and publication		
	(1) Owners/Operators manual in English (Book Type) including CD/DVD (If reqr)	To be provided (As per requirement of EME Dte)	
	(2) Workshop/Repair manual in English (Book Type) including CD/DVD (If reqr)	To be provided (As per requirement of EME Dte)	
	(3) 100% Updated Master spare parts catalogue in English (Book Type) including CD/DVD (If reqr)	To be provided (As per requirement of EME Dte)	
	(4) Complete and Updated Master spare parts price Catalogue/List in English (Book Type) including CD/DVD (if reqr)	To be provided (As per requirement of EME Dte)	

PART-5: LIST OF SPARES

20.	List of spare (If reqr)	To be provided (As per requirement of EME Dte)	
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PART-6: TOOL LIST FOR DIFFERENT LEVEL OF MAINTENANCE

21.	Tool list for different level of maintenance (If reqr)	To be provided (As per requirement of EME Dte)	
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