

**TECHNICAL SPECIFICATION OF GPS WITH BASIC FEATURE (DP-5)**

Ser	Nomenclature	Technical Specification	To be Filled up by the Manufacturer
<b>PART - 1: GENERAL</b>			
1.	Nomenclature	GPS (Basic Feature)	
2.	Brand	To be mentioned	
3.	Model	To be mentioned	
4.	Country of Origin	Group A and B	
5.	Country of Manufacturer	Group A and B	
6.	Country of Assembly	Group A and B	
7.	Port of Shipment	From the Country of Origin/Manufacture	
8.	Year of Production	Not earlier than the Calendar year of contract	
9.	Name of Manufacturer with completed address (Address, Telephone, Fax, E-mail & Website)	Details to be Mentioned	
10.	Name of Principal with completed address (Address, Telephone, Fax, E-mail & Website)	Details to be Mentioned	
11.	Name of Local agent with completed address (Address, Telephone, Fax, E-mail & Website)	Details to be Mentioned	
<b>PART - 2: TECHNICAL SPECIFICATION</b>			
12.	Position Accuracy	Less than 5 meter	
13.	Weight	To be mentioned	
14.	<b>Physical Size</b>		
	a. Height (inches)	To be mentioned	
	b. Width (inches)	To be mentioned	
	c. Depth (inches)	To be mentioned	
15.	<b>Basic Features</b>		
	a. Position Reporting	Should be able to Generate Report in minimum 10 figures Military Grid Reference (GR) System (as used in Bangladesh Army)	
	b. Route Planning and Guidance Capability	To be available	
	c. Distance determination Capability	To be available	
	d. Luminous facility to read the information at Night/ Dark	To be available	
	e. Compatibility with Computer through USB/ Com Port	To be available	
	f. (1) Internal Memory Capacity (ROM)	Minimum 4 GB (Should be able to load Digital Map and to store picture to be used by Bangladesh Army)	
	(2) External Micro SD Card	Should support Minimum 32 GB	
16.	Area Coverage	Global area coverage to be provided	
17.	<b>Antenna Type</b>		
	a. Internal/ Built In	To be available	
	b. External	To be available	
18.	Portability	Should be easily portable	
19.	Language Support	English (preferred) or Bangla	
20.	<b>Environmental Standards</b>		
	a. Operating Temperature	-5° C to + 55° C	
	b. Humidity	Max 95%	
	c. Shock	Drop from 1 meter height on concrete	
	d. Vibration proof	Should be sustain minimum 05 minutes	
	e. Water Proof	At 1 meter depth under water for 30 minutes at normal temperature and pressure	
	f. Weather Suitability	All weather function	



Ser	Description	Technical Specification	To be Filled up by the Manufacturer
21.	Satellite Connectivity	Should mention the global satellite name of the company from which the GPS is receiving data. Details of satellite to be mentioned with required associated documents.	
22.	<b>Power Supply System</b>		
	a. Battery Backup	Minimum 15 hours. Details to be mentioned	
	b. From Vehicle Dashboard	Should have provision of operating the GPS and recharging the battery from vehicle dashboard having 12V/24V.	
	c. Battery Charging (AC)	Should have charging facility through AC power 220 VAC $\pm$ 10% at 50Hz.	
	d. Battery Charging (Other Source)	Should have external or internal battery charging provision.	
23.	Optional Facilities	To be Mentioned.	
24.	<b>List of Standard Accessories</b>		
	Complete standard item list to be provided. Including the main equipment following items are to be offered.	Detail list to be provided.	
	a. 1 set rechargeable and replaceable battery.		
	b. USB connector for data transfer.		
	c. AC Charging Adaptor.		
	d. Vehicle Charging Adaptor.		
	e. External Micro SD Card.		
	f. External Antenna with minimum 5 meter.		
	g. Carrying Case (Canvas made MB Green or Combat Pattern).		
	h. Operational / User Manual.		
25.	<b>List of Optional Accessories</b>		
		Items list to be provided.	
26.	<b>Tender Sample</b>		
	For field test & trail, complete tender sample is to be submitted at no cost no obligation basis.	To be offered. Demonstration on offered item is to be arranged by manufacturer/ Principal/ Local Agent.	

d2/10

