

**TECHNICAL SPECIFICATION OF FIELD TELEPHONE SET (DP-5)**

Ser	Description	Technical Specification	To be filled up by t Manufacture/ Principal
(a)	(b)	(c)	(d)
<b>PART-1: GENERAL SPECIFICATION</b>			
1.	Name of Equipment	Field Telephone Set	
2.	Equipment Type	Analogue and Digital	
3.	Brand	To be mentioned	
4.	Model	To be mentioned	
5.	Country of Origin	Group A and B Countries	
6.	Country of Manufacturer	Group A and B Countries	
7.	Country of Assembly	Group A and B Countries	
8.	Year of Manufacture	Not before the contracted year	
9.	Name of Manufacturer with complete Address (Office Address, Telephone, Fax, e-mail and Website)	Details to be mentioned	
10.	Name of Principal with complete Address (Office Address, Telephone, Fax, e-mail and Website)	Details to be mentioned	
11.	Name of Local Agent with complete Address (Office Address, Telephone, Fax, e-mail and Website)	Details to be mentioned	
<b>PART-2: TECHNICAL SPECIFICATIONS</b>			
12.	Operating Mode	LB, CB and CBS	
13.	Communication Range Range ( with WD-1/TT Field Cable)		
	a. LB Mode	Minimum 30 Km	
	b. CBS Mode	Minimum 15 Km	
	c. CB Mode	Minimum 10 Km	
14.	Frequency Range	To be mentioned (300 - 3400 Hz Preferable)	
15.	Operating Voltage	Within 4.5 Volt to 6 Volt DC	
16.	Operating Current	To be mentioned	
17.	Impedance	To be mentioned	
18.	Ringing Voltage	To be mentioned	
19.	Signaling Features	Details to be mentioned	
20.	<b>Power Specifications</b>		
	a. Power Source	Rechargeable Battery (Li-ion is preferable)	
	b. Battery Size	To be mentioned (C/D or other)	
	c. Battery Quantity (Per Telephone Set)	To be mentioned	
	d. Battery Charger	Details to be mentioned (Input 220 Volt AC, tolerance $\pm$ 25%)	
21.	HandSet Type	Modular/Detachable (Preferable)	
22.	Dialing Keypad	To be available	
23.	Programmable Memory Keys	Preferable	
24.	Redial Key	Preferable	
25.	Audio and Visual Ring indication with variable on/off control	To be available	



42/10



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26.	Volume Control	To be available	
27.	Lighting Protection	Preferable	
28.	Weight (In Operational Condition)	Maximum 2.5 Kg	
29.	Dimensions (LxWXH)	To be mentioned	
30.	Compatibility	To be compatible with existing Field Telephone Exchange available in BD Army (EID CD-116/IP, Karel DS-200T and Magneto Exchange)	
31.	<b><u>Operation/ Storage Condition</u></b>		
	a. Operating Temperature	-5 <sup>o</sup> C to + 55 <sup>o</sup> C	
	b. Storage Temperature	-10 <sup>o</sup> C to + 60 <sup>o</sup> C	
	c. Humidity Permissible Condition for Operation	Minimum 95%	
	d. Operation during Fog and Rain	To be possible	
32.	<b><u>Environmental Standards</u></b>		
	a. Drop Proof	Shuold sustain minimum 06 drop from 120 cm height on natural hard ground	
	b. Rain Proof	IP65	
	c. Vibration Proof	Shuold sustain minimum 05 minutes in the test	
	d. Sand and Dust resistant	Must be sand and dust resistant	
33.	<b><u>List of Standard Accessories for each Telephone Set</u></b>		
	a. HandSet	01 No	
	b. Carrying Bag	01 No	
	c. Rechargeable Battery	02 Set	
	d. Battery Charger	01 No	
	e. Others (if required for ful range of operation)	To be provided	
34.	List of Optional Accessories	Details list to be provided	
35.	Warrantee Period	02 (Two) years from the date of issunace of I-Note	
36.	Model Validity	Minimum 08 (Eight) years form the end of warrenty period	
37.	After Sales Service Support	Minimum 05 (Five) years form the end of warrenty period	
<b><u>PART-3: TRAINING REQUIREMENT</u></b>			
38.	a. Use, Operations & Troubleshooting Training	Not required	
	b. Repair and Maintenance Training		
	c. Equipment Management Training		
	d. Publication for Training		



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<b>PART-4: REPAIR AND MAINTENANCE REQUIREMENT LESS LIST OF SPARES</b>			
39.	a. Owners/ Operations Manual in English (Book Type) including CD/DVD	To be provided as per requirement	
	b. Workshop/ Repair Manual in English (Book Type) including CD/DVD	To be provided as per requirement	
	c. 100% Updated Master Spare Parts Catalogue in English (Book Type) including CD/DVD	To be provided as per requirement	
	d. 100% Complete and Updated Master Spare Parts Price Catalogue/ list in English (Book Type) including CD/DVD	To be provided as per requirement	
<b>PART-5: LIST OF SPARES</b>			
40.	List of Spares (if applicable)	Complete List of Spares to be provided as per requirement	
<b>PART-6: TOOLS LIST FOR DIFFERENT LEVEL OF MAINTENANCE</b>			
41.	a. Analyzer, Measuring Testing/ Fault finding and Diagnostic set (if available)	List to be provided	
	b. SST	Not required	
	c. SSM	Not required	

42/10

