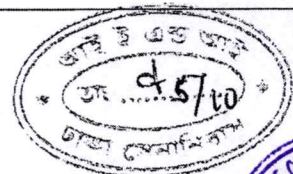
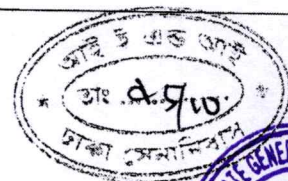


TECHNICAL SPECIFICATION OF FIELD TELEPHONE SET (DP-5)

Ser	Nomenclature	Technical Specification	To be filled up by the Supplier / Principal / Manufacturer
(a)	(b)	(c)	(d)
<u>PART-1: GENERAL SPECIFICATION</u>			
1	Name of Equipment	Field Telephone Set	
2	Equipment Type	Analogue & Digital	
3	Brand	To be mentioned	
4	Model	To be mentioned	
5	Country of Origin	Group A & B Countries	
6	Country of Manufacturer	Group A & B Countries	
7	Country of Assembly	Group A & B Countries	
8	Year of Manufacturer	Not before the calendar year of the contract	
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	
<u>PART-2: TECHNICAL SPECIFICATIONS</u>			
12	Operating Mode	LB, CB & CBS	
13	Communication 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 4.5V to 6V DC	
16	Operating Current	To be mentioned	
17	Impedance	To be mentioned	
18	Ringing Voltage	To be mentioned	
19	Signalling Features	Details to be mentioned	



(a)	(b)	(c)	(d)
20	Power Specifications		
	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 220V 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	
26	Volume Control	To be available	
27	Lightning 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	Operation / Storage Specifications		
	a. Operating Temperature	-10°C to +60°C	
	b. Storage Temperature	-20°C to +60°C	
	c. Humidity	Maximum 95%	
	d. Operation during Fog, Rain and Snow	To be possible	
32	Environmental Specifications		
	a. Drop Proof	Should sustain minimum 06 drop from 120 cm height on natural hard ground	
	b. Rain Proof	IP65	
	c. Vibration Proof	Should sustain minimum 05 minutes in the test	
	d. Sand and Dust Resistant	Must be sand and dust resistant	
33	List of Standard Accessories for each Telephone Set		
	a. Handset	01	
	b. Carrying Bag	01	
	c. Rechargeable Battery	02 set	
	d. Battery Charger	01	
	e. Others (If required for full range of operation)	To be provided	



(a)	(b)	(c)	(d)
34	List of Optional Accessories		
	Optional Accessories	Detail list to be provided	
35	Warrantee Period	02 (Two) years from the date of issuance of FAC / I-Note	
36	Model Validity	Minimum 08 (Eight) years from the end of Warrantee period	
37	After Sales Service Support	Minimum 05 (Five) years from the end of Warrantee period	
PART-3: TRAINING REQUIREMENT			
38	a. Use, Operations & Troubleshooting Training	To be provided as per requirement	
	b. Repair and Maintenance Training	To be provided as per requirement	
	c. Equipment Management Training	To be provided as per requirement	
	d. Publication for Training	To be provided as per requirement	
PART-4: REPAIR AND MAINTENANCE REQUIREMENT LESS LIST OF SPARES			
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	
PART-5: LIST OF SPARES			
40	List of Spares (If applicable)	Complete List of Fast & Slow Moving Spares to be provided	
PART-6: TOOLS LIST FOR DIFFERENT LEVEL OF MAINTENANCE			
41	a. Analyzer, Measuring, Testing / Fault finding and Diagnostic set (if available)	List to be provided	
	b. SST (if available)	List to be provided	
	c. SSM (if available)	List to be provided	

