

**GOVERNMENT OF PAKISTAN
CENTRAL BOARD OF REVENUE**

C.NO.2(2)ch/CGO/99.

Islamabad, the 25th Feb, 1999.

CUSTOMS GENERAL ORDER NO. 03/99

Subject :- LIST OF LOCALLY MANUFACTURED GOODS/ ITEMS FOR THE PURPOSES OF CONCESSIONARY NOTIFICATIONS ETC

The Central Board of Revenue is pleased to order that the following further amendment shall be made in its Customs General Order No.07/98. dated the 24th March. 1998. namely:-

In the aforesaid C.G.O.,

1. in S.No., in column (4), after the figure "CR-3, CR-4, SPCC, SPCD" the words and figures "except materials of all sizes and specification such as CR-3, CR-4, SPCC-4h(1/4 hard quality.) SPCD" shall be substituted.
2. After S.No. 108, in column (1), the following are serial numbers in column(1) and the entries relating thereto in column (2), (3), (4) and (5) shall be added namely:-

(1)	(2)	(3)	(4)	(5)
108-A	8517. 3000	Digital switching Equipment a) Public Switch/ digital exchange (public)	1. Can be installed as : I) Local Exchange ii) Tender Exchange iii) Transit Exchange iv) International Gateway 2. Can provide the following function/can be installed in the following networks i) Voice Switching ii) Voice Network (PSTN) iii) Data Switching iv) Data Network v) Mobile Traffic Switching vi) Mobile Network vii) Intelligent Networks 3. Connectivity of up to 200,000 subscribers on one exchange. 4. Connectivity of up to 60,000 Ports/circuits on one exchange. 5. up to 3000 subscribers on one subscriber rack	TIP, Haripur Alcatel Pakistan Ltd., Islamabad
		b) Private Switch- ing/ Private automatic branch exchange (PABX)	I. Max. Trunks: 12 II. Max. Extensions: 300	

		c) Automatic Call Distribution system	Computerized directory assistance system with automatic call distribution and data-base for directories inquiry services.	CTI, Islamabad.
108-B	8517 5010	Public switching/ Digital Exchange (Public)	Can be installed: i) Local Exchange ii) Tandem Exchange iii) Transit Exchange iv) International Gateway v) Container Shells for Digital Exchanges	TIP, Haripur Alcatel Pakistan Ltd, Islamabad
108-C	8517. 8020	i) Synchronous Digital Hierarchy System.	i) High capacity digital multiplexer having 2 Mb/s to 622 Mb/s stream to provide synchronous digital hierarchy.	CTI, Islamabad.
		ii) Access Multiplexer System (AMX)	ii) PCM (Pulse Code Modulation) base 30 to 120 channel digital multiplexer with copper, radio and optical fiber terminal equipment for transmission.	CTI, Islamabad.
		iii) Fiber Optical Terminal Equipment	iii) Optical line terminal equipment to interface having CCITT standard configuration of 2Mb to 622 Mb.	CTI, Islamabad.
3. after S.No. 109, in column (1), the following are serial numbers in column (1) and the entries relating thereto in columns (2), (3), (4) and (5) shall be added, namely:-				
109-A	8525 2000	i) Digital Radio System	i) Point-to-point Digital Radio 30 to 1920 voice /data channels in multiplexer of 2 Mb/S and 8 Mb /s, 1.5 to 2.7 GHz and 6 GHz.	CTI, Islamabad
		ii) VHF Radios	ii) Single / multiple channel VHF radio communication in the frequency band of 145-174 MHz.	CTI, Islamabad
		iii) Multiple Access Radio System (MARS-30)	A radio transmission equipment with digital multiplexer in the	CTI, Islamabad

			frequency band of 790-830 MHz for 30 60 voice /data channel to be extended from exchange.	
109-B	85.27	i) VHE PK/VRS-XX Series. a. VRS-78 (Low Power Vehicular) b. VRC-79 (High Power Vehicular) c. VRC-80 (Low Power Tank/APC) d. VRC-81 (High Power Tank/APC) e. VRC-81A (High Power Tank/APC With Interphonic Amplifier for command	- Portable FM Transceiver An/PRC-77 - Designed and built to meet milspecs - Fully solid state and Compatible - Frequency Band 30.00 to 75.95 MHz. - 50 MHz channels Spacing. - Total 920 Channels - Sensitive 0.5 RF input - Audio Output 4 uWAT 1 K ohms load - RF output -manpack 2.5 W nominal - Tank/VEH 30W normal - Operating temperature -40° to 65° C	NRTC, Haripur
		ii) VHF,VRC-4600 series a. VRC-4620 (Manpack) b. VRC-4622 (vehicular)	- Portable FM transceiver RT-4600 - Designed and built to Meet mil-specs - compatible and modular design - Frequency band 30 to 76 MHz - Channels spacing 50 MHz (25 MHz optional) - Total channels 920 (1840 optional) - Sensitivity 35 uV for 10 db (Sinad) - Audio output 4 uWAT 1 K ohms load - RF output- manpack 2.5 W nominal - Tank/VEH 30 W normal - Operating temperature - 40° C to +65° C	NRTC, Haripur
		iii) Range booster, pp-77/sp	- Designed and built to meet mil-specs - Frequency band 30 to 76 MHz - Channels spacing 25/50/ 100 KHz - RF output 5-50 w - AF response 30 to 10 KHz	NRTC, Haripur

	+5 Db - Antenna output Impedance 50 ohms. - Radio input Impedance 50 ohms - Radio current consumption - 50 W - Approx.8A - 5 W - Approx.3A - Cooling by grilled housing.3	
iv) Electronics field telephone EFT-101	- Designed and built to meet mil -specs - Frequency Range 300 to 400 KHz - Impedance 600 ohms - Speech transmission 650 mV to 920 mV - Speech reception 20 mV to 24 mV - Call frequency 18 Hz to Hz - Call voltage 55 V to 58 V - Current consumption 7.5 mA to 10 mA - Acoustical warning 60 Db relative ZX10-6 - Anti side tone 18 db to 32 db - Insulating resistance 1K ohm - Battery voltage 4.5 V (3x1.5 cells)	NRTC, Islamabad
v) Snap-on keypad Dialer unit, sku-102	- Designed and built to meet mil-specs - Frequency range 300 to 3400 KHz	NRTC, Islamabad
vi) The signalling device that converts LB field telephone, EFT-101 into a CB telephone with dialling facility	- Impedance 300-1800 AT 1 KHz - Ringing tone 1.2KHz + 0.2 KHz (nominal) - P/Supply (LB) 4.5 VDC & (CB) 12-22 VDC - MTBD > 15000 hours. mart <30 minutes - Operating temperature	
vii) VHF single channel radio T/ phone	- FM, two way communication radio - Designed for rural Communication system - Compatible and fully solid state - Frequency range 146 to 174 MHz - Number RF channel 40 - Channels spacing 25 KHz	NRTC, Islamabad

	- sensitivity 0.5 uV for 20 db S/W - and image rejection >80 db - RF output 10 W (1.0 to 10 W adjustable) - Frequency stability +/-0.0005% - Operating temperature-10° C to 55° C	
viii) VHF 8x2x8 dual channel radio T/phone	- Dual link radio link to serve 8 subscribers	NRTC, Islamabad
	- Designed for rular communication system - Reliable and economical T/phone service - Sensitivity 0.35 uV for 12db sinad - Spourious and image rejection >90 db - RF output 10 W (1.0 to 10 W adjustable) - Frequency stability +/-0.00025% - Operating temperature -10° C to +55° C	
ix) Electronics field exchange, PPX-6416	- Fully digital electronics field exchange - Designed and built to meet mil-specs - Multiprocessor architecture - Pulse code modulation - non blocking speech path - 96 lines (32 subcrs, 48 magneto, 16 trunk) - Expandable 192 lines - subscriber/ magneto/trunk 2 wire 600 ohms - Frequency response 300 to 3400 Hz - 10 PPS, 800 mS IDP 60/40 M/B ratio pulse - And CCITT recommended DTMF dialing - Ring voltage 90 V AC, 25 Hz - Power supply 220 V 50 HHZ/ 24 VDC - Operating temperature-36° C to +60° C	
x) PABX, NRC-02 PK	- 20 lines part(4 Trunk + 16 subscribes) - Fully electronics telephone System - Microprocessor architecture - Pulse code modulation - Non blocking speech path - Subscriber/trunk, line loop 1500 Ohms - Frequency response 300 to 3400 Hz	HRTC, Islamabad

			- Pulse/CCITT recommended DTMF Dialing - Ring voltage 90 V AC, 25Hz - Power supply 220 V 50 Hz/24 VDC	
		xi) VHP Mobile radio /base radio/ repeater	- FM synthesized two-way radio - Compatible and meets milspecs - Frequency band 146 to 174 MHz - 12.5 KHz/25 channel Spacing - Total 16 channels - Sensitivity 0.30 uV/0.35 V 12 db sinad - Spurious and image rejection < 80 db - RF output 25 to 45 W - Frequency stability +/-0.00025% - Operating temperature-20° C to + 60° C	NRTC, Islamabad
		xii) VHP band held radio (commercial/mil)	- FM synthesized two-way radio - Compatible and meets milspecs - Frequency band 136 to 174 MHz - 25 KHz channels spacing - 20 memory channels spacing - Sensitivity 0.25 uV 12 db sinad - Spurious and image rejection < 60 db - RF output 5 W - Frequency stability +/-0.00025% - Operating temperature-20° C to + 60° C	NRTC, Islamabad
109-C	8507. 2090	i) NI-CD battery charger	- Compact size - Dual charging facility (PRC-77/RV-4600) - Deep discharging facility - 12/24 V automatic select - Reverse polarity protection - Automatic cut off at deep discharge point	NRTC, Islamabad
		ii) NICD batteries for PRC-77	- 13.2 Volts 4 AH - Operating temp : 5205° C +/- 205° C - Closing temp : 42.5° C or higher +/-2.5° C to - Min life cycle : 500 charging cycles when charged at c/2/800/mA/7 hours charging rate	NRTC, Islamabad
109-D	8504. 5000	i) DC regulated power supplies/rectifier	- Desired to be used as battery eliminator in	NRTC, Islamabad

telephone exchanges
- Equally reliable for all comm.

EQP

- Charging facility
 - Capable of constant and continuous output
 - AC Input 220 V 50 Hz
 - Ripple voltage less than 100 Mv
 - Regulation 2.5%
 - Wide variety and range
 - a. Input 220 V, output 24 V/10 A
 - b. Input 220 V, output 24 V/30 A
 - c. Input 220 V, output 45 V/10 A
 - d. Input 220 V, output 45 V/20 A
 - e. Input 220 V, output 45 V/30 A
 - f. Input 220 V, output 45 V/60 A

ii) D.P. Boxes

- 10 Pairs
- As Per PTC standard specifications
- Tropicalised

NRTC,

Islamabad

4. after S.No. 110, in column (1), the following are serial numbers in column (1) and the entries relating thereto in columns (2), (3), (4) and (5) shall be added, namely:-

110-A	85.29	i) Grid Parabolic Antenna	i) High gain parabolic antenna with 10 db gain in the frequency bands of 0.8 GHz 1.5- 2.7 GHz and 6 GHz	CTI, Islamabad
		ii) Yagi Antenna	ii) Five element simple Vagi antenna with 10 db gain in the frequency band of 146-174 MHz.	CTI, Islamabad NRTC, Haripur

5. after S.No. 111, in column (1), the following new serial number in column (1) and the entries relating thereto in columns (2), (3), (4) and (5) shall be added, namely:-

111-A	8534.0000	Printed Circuit Boards	Single & Double Sided	i. TIP, Haripur ii. NRTC, Haripur
-------	-----------	------------------------	-----------------------	--------------------------------------

6. after S.No. 117, in column (1), the following new serial number in column (1) and the entries relating thereto in columns (2), (3), (4) and (5) shall be added, namely:-

117-A	8542.4000	Hybrid Circuits	Thick film hybrid circuits	TIP, Haripur
-------	-----------	-----------------	----------------------------	--------------

7. in S.No. 118,-

- (i) in column (3), in para "B" the word "excluding" shall be deleted.
- (ii) in column (5), the following new entry shall be added, namely:-
"M/S L.T Engineering a trade services (Pvt) Ltd. Lub Thatto, Hasanabdal".

8. in S.No.131,

- (i) in column (3), the words "only to such companies engaged in off- share drilling operations" shall be deleted.
- (ii) in column (4), the following shall be added, namely:-
"Up to 26000 tons capacities".

9. after S.No. (3), in column (1), the following new serial number in column (1) and the entries relating thereto in column (2), (3), (4) and (5) shall be added, namely:-

"131-A	9001. 1000	Optical fiber Optical fiber cable	i) Fiber cut of wave length = 110 to 1320	M/S L.T. Engineering & Trade Services (Pvt) Ltd. Lub Thatto Hasanabdal
			ii) Zero despersion wave length = 1300 nm to 1322 nm	
			iii) Zero despersion slope < = 0.092 PS/ nm2 KM)	
			iv) Despersion at 1550 < = 18Ps/ (nm KM)	
			v) Mode feed dia meter 9-10 nm	
			iv) Numerical aperture 0.11	
10.	after S.No. 135, in column (1), the following new serial number in column (1) and the entries relating thereto in column (2), (3), and (5) shall be added, namely:-			
135-A	9032. 1010	Geyser thermostat, oven thermostat, geyser safety valve, room heater thermocouple	M/s Telsa Technologies, Islamabad	
	9032. 1092	Electric water heater thermostat electric water heater element	M/s Telsa Technologies, Islamabad	

(Dr. Naeem Ajaz Qureshi)
Secretary (Machinery)