

PAKISTAN AERONAUTICAL COMPLEX, KAMRA
MIRAGE REBUILD FACTORY
TENDER NOTICE NO MRF/20-21/06 DATED 03 SEP, 2020.

1. Mirage Rebuild Factory, Pakistan Aeronautical Complex Board Kamra invites sealed bids from the Original manufacturer / authorized distributors / suppliers / contractor registered with Income Tax and Sales Tax Department and PACB registered for supply of following miscellaneous items on F.O.R Basis (Professional Tax certificate, Punjab is mandatory). Details of requirements is as follows:-

“ENGINE ASSY(AVENZA CAR), LIEBERT GXT4 ON LINE 1000VA, TOWER AC 2 TON, ALCATEL DIGITAL SET , ANALOG CLI TELEPHONE SET, WALKI TALKI SET HANDHELD, TELEPHONE SET (3902), SHOE BRUSH CLEANER, KASPERSKY ENDPOINT SECURITY FOR BUSINESS- ADVANCE PUBLIC SECTOR RENEAL 1500-2499”

2. List of items can also be downloaded from PPRA website www.ppra.org.pk and as well as PACB website www.pac.org.pk free of cost or can be collected from DTE of Log (LP Section) MRF PAC Kamra Distt Attock from 04-09-2020 during working hours (except holidays).

3. The quotations, prepared in accordance with the instruction in the Tender List, must reach at Mirage Rebuild Factory PACB Kamra **before 21-09-2020 at 1000 Hrs. Quotations will be opened on the same day at 1100 Hrs.** The advertisement is also available on PPRA website at www.ppra.org.pk and as well as PACB website www.pac.org.pk

DUE DATE : 21-09-2020 before 1000 Hrs.
TENDER OPENING TIME : 21-09-2020 at 1100 Hrs.

Please contact **Tele # 051-9099-4727 or Fax No 057-9317412** for any other information.

DIRECTOR LOGISTICS
MRF PACB KAMRA
DISTT ATTOCK

Directorate of Logistics MRF, PAC Kamra



**LISTOFOPEN TENDERNO MRF/20-21/06
DATED 03-09-2020 OPENING DATE 21-09-2020**

S NO	PART NO	NOUN	U/I	Qty	SPECIFICATION
1	61AVZ/19000-BZK70	ENGINE ASSY(AVENZA CAR)	EA	As Req	Toyota Avanza 1500 CC 3SZ (Reconditioned) with fitting.
2	GXT4-1000RT230	LIEBERT GXT4 ON LINE 1000VA	EA		Specifications are attached at the end please.
3	FDF71CR-S	TOWER AC 2 TON	EA		
4	3GV27009DB	ALCATEL DIGITAL SET MODEL 8039	EA		
5	5805NL-CE29362CE2-A	ANALOG CLI TELEPHONE SET	EA		
6	5810PK1910001	WALKI TALKI SET HANDHELD	EA		
7	NTMN32	TELEPHONE SET (3902)	EA		
8	100FJ	SHOE BRUSH CLEANER	EA	As Req	Power supply : 220 Volts (50Hz) Motor: 145-180 Watts Brushes : 4-6 Nylon Wheel Brushes 2-4 Nylon Disk Brushes Starter : Self starting system with infrared (IR) sensors Speed : 700-1400 RPM Drive : Belt drive & strong motor Weight : 50-100 Kg Dimensions : Width 30-50 cm Length 50-60 cm Height 90-120 cm
9	KL4867IAWFD	KASPERSKY ENDPOINT SECURITY FOR BUSINESS-ADVANCE PUBLIC SECTOR RENEAL 1500-2499	EA	800	KASPERSKY Endpoint Security for Business-Advance Public Sector Reneal 1500-2499 OR Equivalent Vendor should fulfill the criteria attached at the end please.



SPECIFICATIONS LIEBERT GXT4 ON LINE 1000VA

VERTIV LIEBERT GXT4 ON LINE 1000VA/900W 230VAC RACK/TOWER UPS WITH VERTIV LIEBERT EXTERNAL 9AH, 48V BATTERY CABINET

Overview:

The Vertiv™ Liebert® GXT4 UPS, with a capacity of 900 Watt - 1000 VA, is a compact and reliable solution for maintaining the health and availability of your IT infrastructure. Using on-line, double-conversion technology, the Liebert GXT4 UPS protects equipment from the full range of power disturbances, including sags, surges and noise, without drawing on battery power, extending battery life and minimizing replacements. The UPS runs on 230V AC power and includes hot-swappable batteries as well as all hardware for installing it as a tower or in an equipment rack.

Technical Specifications:

Product Name	Liebert GXT4 1000VA/900W; 230VAC Rack/Tower UPS with 2U
Product Series	GXT4
Product Type	Dual Conversion Online UPS
Battery Information	
Backup / Run Time (Full Load)	6 Minute
Typical Battery Recharge Time	3 Hour
Load Capacity	1000 VA/900 W
Physical Characteristics	
Height	3.4"
Width	16.9"
Depth	16.2"
Rack Height	2U
Form Factor	Rack/Tower
Warranty	2 Year
Other Information	
Phase	Single Phase
Product Family	GXT4



Load Capacity (VA)	1000 VA
Load Capacity (Watt)	900 W
Hot Swappable	Yes
Battery Characteristics	Valve-regulated
Battery Chemistry	Lead Acid

SPECIFICATIONS TOWER AC 2 TON

Product details:

SPECIFICATIONS

		TOWER AC (R410A)	
Unit		FDF71CR-S	
Super Tropical - return Cooled Compressor		Rotary	
Type of AC		Heavy duty AC	
Power Source		1 Phase, 220 ~ 240 V, 50 Hz	
Maximum Cooling Capacity*	Ton	2.0	
	Watts	7620	
	BTU/h	26000	
Maximum EER / COP*	W / w	3.54	
Rated Cooling Capacity	Ton	2.0	
	Watts	7108	
	BTU/h	24255	
Input Power** (Minimum ~ Maximum)	Watts	2300 ~ 2507	
Rated EER / COP	W / w	2.83	
Air Flow	Indoor Unit	CMH	2250
Long reach AirflowUp to	Indoor Unit	Feet	30
Sound level (H/M/I0)	Indoor Unit	dB	40 / 34 / 32
Louver Swing	Indoor Unit		Yes (Vertical)



Remote Control	Indoor Unit		Controller Inbuilt on Indoor Unit
Self-Diagnosis Function	Indoor Unit		Yes
Filter	Indoor Unit		Anti - Bacterial

Warranty /Guarantee for one year.
Commissioning and Installation is the responsibility of supplier.

Note:Without brochure quotation will not be accepted.

SPECIFICATIONS ALCATEL DIGITAL SET

Technical Specification:

01. 100pxX160px-4 Grey level backlit display.
02. Alphanumeric key board
- 04 4-Way navigation cluster key
05. Excellent audio quality in handset speak phone.
06. Intuitive icons and soft keys.
07. Dedicated function keys.
08. Power over digital Line.
09. RJ-12 Digital line interface
- 10 RJ-9 Corded headed.
11. 3.5 mm Dedicated head set jack

Warranty/Guarantee for one year.

Note: Without brochure quotation will not be accepted.

SPECIFICATIONS ANALOG CLI TELEPHONE SET

TECHNICAL SPECIFICATIONS OF TELEPHONE SET

1. Call waiting caller ID with name matching 16/14 digits CLI display.
2. DOT matrix display
3. Name and number matching.
4. Voice Message waiting lamp
5. Backlit Display
6. Headset jack (2.5mm)



7. Flash time (100,300,600ms)
8. Speaker Phone
9. 80 Number CID
10. 25 Outgoing Memory
11. Mute
12. Ringer Volume Control
13. Wall Mountable

SPECIFICATIONS OF WALKI TALKI SET HANDHELD

WALKIE TALKIE (DIGITAL) SPECIFICATIONS : HANDHELD

S No	Features	Range
1	Frequency Range	VHF
2	No of Channels	1024
3	Channel Spacing	12.5/20/25 KHz
4	Operating Temperature	-20 °C to +55 °C
5	Storage Temperature	-40 °C to +85 °C
6	Battery	Battery having enhanced life with at least 9 hours operation in analogue and 13 hours in digital mode at 5/5/90 duty cycle
7	RF Power Output	1W and ≥5W user selectable
8	Frequency Stability (-20 °C to +55 °C)	± 1.5 ppm
9	Hum and Noise	40 dB @ 12.5 KHz 45 dB @ 20 / 25 KHz



S No	Features	Range
10	Modulation Limiting	± 2.5 KHz @ 12.5 KHz ± 4.0 KHz @ 20 KHz ± 5.0 KHz @ 25 KHz
11	Conducted / Radiated Emission	-36 dBm < 1 GHz -30 dBm > 1 GHz
12	Adjacent Channel Power	60 dB @ 12.5 KHz 70 dB @ 20/25 KHz
13	Digital Vocoder Type	AMBE++ or SELP
14	Digital Protocol	ETSI-TS 102 361-1, 2 & 3
15	Sensitivity Analogue	3.5 µV (12 db SINAD), 0.22 µV (typical) (12 db SINAD) 0.4 µV (20 db SINAD)
	Sensitivity Digital	5% BER : 0.3 µV
16	Intermodulation	65dB
17	Adjacent Channel Selectivity	60dB @ 12.5 KHz 70 dB @ 20 / 25 KHz
18	Spurious Rejection	70 dB
19	Rated Audio	500 mW
20	Audio Distortion	@ Rated Audio 3% (typical)
21	Audio Response	+1 ~ -3 dB
22	Conducted Spurious Emission	< -57 dBm
23	Mode	Dual mode (analogue + Digital), should be compatible with Motorola GP2000 & PD788G as Digital.
24	Scan	Allows to monitor multiple channels and receive calls.
25	Encryption	Enhance built-in voice and data encryption with key management. Atleast RC41 and preferably user customizable 256 bits AES
26	Data Communication	Integrated data port compatible with PC along with requisite software / drivers
27	Interface	Flexible, menu-driven interface with user-friendly icons and at least two lines of text for ease of reading text messages.



S No	Features	Range
28	Indicator	Tri-colour LED indicator for clear, visible feedback of calling, scanning and monitoring.
29	Display	Large size TFT colour LCD Display
30	Buttons	* Large, easy to use navigation buttons allows easy access to intuitive menu-driven interfaces. * Programmable buttons for easy access to required features such as one-touch calling. * Large, textured push-to-talk button. Provides good tactile response and easy access, even when wearing gloves.
31	Speaker	Powerful, front projecting speaker
32	Antenna	Single Antenna with integrated GPS Monopole
33	Sealing	Rated IP57. Protected against Harm from dust or water spray.

Optional Features

34	GPS	Integrated GPS (with GPS location tracking) GPS performance : -TTFF (Time To First Fix) Cold Start < 1 minute -TTFF (Time To First Fix) Hot Start < 10 seconds - Horizontal Accuracy < 10 meters
35	IP	Multi site IP Connection
36	SMS	Atleast 256 characters
37	Emergency Button	To alert supervisor or dispatcher in an emergency situation

Accessories / Manual

38	Operating Manual	Required
39	Service Manual	Required
40	Rapid Charger	Required
41	Multi Charger	Optional
42	Battery Optimizing System	Optional
43	Headphone	Optional



S No	Features	Range
44	Bluetooth remote speaker microphone	Optional
45	Leather Cover	Optional
46	Software & Cable (PC to Radio)	Required
47	Clone Cable	Optional

Misc

48	Warranty for minimum 01 year	
49	Spare & Maintenance Support at least for 10 years	
50	Military Standards : MIL-STD-810 C, D, E, F and G standards for temperature, shock, vibration, rain salt fog, dust and sand, humidity and solar	

SPECIFICATIONS OF TELEPHONE SET

TECHNICAL SPECIFICATIONS DIGITAL

Dimensions:-

Width : 8.50 in. (216 mm)
 Depth 1 : 7.75 in. (197 mm)
 Depth 2 : 6.75 in. (171 mm)
 Height 1 : 5.13 in. (130 mm)
 Height 2 : 7.00 in. (178 mm)
 Weight : 1.8 lb (0.82 kg)



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Note: Depth 1 and Height 1 measured with the phone in the lowest position on the foot stand. Depth 2 and Height 2 measured with the phone in the highest position on the foot stand.

Color

Charcoal or Ash

Operating Environment

Temperature

0B: C to 50B: C (32B: F to 122B: F)

Relative Humidity

5% to 95%

Auxiliary Power (M3902 and M3904 only)

Local Plug-in AC Transformer for cartridge-style accessories

Loop Length

4,000 ft (1,220 m) 24 AWG

Standards

Meets or exceeds applicable CSA, UL, and EIA specifications. Complies with FCC requirements for hearing aid compatibility. Maximum handset volume control levels are compliant with the Americans with Disabilities Act (ADA).



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KASPERSKY ENDPOINT SECURITY

1. Bidder's Eligibly Criteria:

- (a). Bidder must have Partnership with principle.
- (b). Bidder must be in IT Security business.
- (c). Bidder must have help desk, established mechanism and team to provide offsite/onsite support services to PAC Kamra.
- (d). Bidder must possess strong experience of supporting enterprises with respect to proposed solution.
- (e). Bidder shall offer the following training of proposed solution to PAC Kamra staff during the contract term free of cost:-
 - (i) Three days Pre-Deployment Training before license delivery.
 - (ii) One full day update Training, issue resolution, clarification, support Training every 3 months of license validity.
 - (iii) Bi-Annual Onsite Health checks

2. Bidder's has to ensure following Additional Supports:

- (a) Pre and post deployment training.
- (b) 1st time onsite deployment support
- (c) Offline/Online 24/7 support (if required)



TERMS & CONDITIONS:-

- (i) GST may be indicated separately. The envelopes must be marked with "Item's name and Commercial / Technical offer". Literature / brochures of equipment must be attached with technical offer and company stamped.
- (ii) Quotations must be submitted in two copies for single line item i.e. one copy with technical details without price and one copy as commercial offer in one envelopes (no quotation will be accepted if it contains more than 01 item in a single quotation)
- (iii) Validity period should not be less than 90-120 days.
- (iv) Complete technical specifications, MSDS, OEM & Conformance Certificate, Calibration certificate, Fitness report where applicable are required. Sample of chemicals may be asked for test.
- (v) 05 % earnest money required in shape of CDR/BG.
- (vi) Quotation received after due date / time will not be entertained. The CFA reserves the right to accept / reject the part or whole tender.
- (vii) Professional Tax certificate, Punjab
- (viii) Quantity can be increased / decreased at the time of order as per our requirement.
- (IX) All quoted items / Tools must be Original / Branded and accompanied with OEM conformance and originality certificate



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