

To: ATI
Attn: ENG. Hisham Khaled
Subject: - UPS OFFER

By:	Nahla Alaa
Ref.:	NA/MH/239/21/UPS/R4
Date	19 th October 2021

Dear Sir,

We are pleased to present to you hereafter our offer for the supply of UPS systems as per your request in the subject line.

Our offer is based on **EATON** UPS systems, the global company that combines technology with design to supply innovative solutions for the benefit of its customers and the leader in the "business-critical continuity" field, thanks to the company's products and services.

EATON designs, builds and services mission critical technologies that enable vital applications for data centers, communication networks, and commercial and industrial environments.

We trust and hope our proposal meets your requirements; we assure you our best service and attention all times.

Please don't hesitate to contact us for any further details

Best Regards

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A. BOQ

Item	Required	offered	Qty	Unit Price EGP
1	UPS 80 KVA	<ul style="list-style-type: none"> - UPS system EATON model - 93E80KMBSN including: - UPS 80 KVA (72 KW) UPS - External Battery open rack to give backup time 10 mins @ full load, 0.8 P.F., EOD 1.65V with 1 x 34 x 56.6 Ah, 12 V - Model: YUASA UK SWL1800 	1	260,000.00
Total price in EGP Excluding VAT			260,000.00	

B. TECHNICAL OFFER

EATON 93E UPS: -

Brand: EATON.
Model: **93E**
Topology: On - Line Double Conversion,
Capacity: 80 KVA/72 KW, 10 mins@ **Full load**, 0.8 PF, 1.65 VPC

Controls and monitors by LCD to show: -

- ☐ Start / Stop conditions and instructions.
- ☐ Load parameters.
- ☐ Diagnostics, Alarms.
- ☐ Battery testing.

The UPS is complete with: -

- ☐ LCD monitor Panel showing load %, I/P & O/P, Voltages, I/P & O/P frequency, I/P & O/P currents.,
- ☐ Automatic and periodic battery test.
- ☐ Rotatable multi-language LCD display
- ☐ Automatic frequency sensing
- ☐ Frequency conversion capability
- ☐ Integrated and extended backup time
- ☐ Overload capability

External Battery Parameters: -

- | | |
|---|---|
| <input type="checkbox"/> DC Batteries: | Sealed lead acid maintenance free operation. |
| <input type="checkbox"/> Expected life: | 10 Years design lifetime. |
| <input type="checkbox"/> Recharge Time: | 10 times the discharge time up to 95% capacity. |
| <input type="checkbox"/> Manufacturer: | YUASA UK |

Input ratings: -

- ☐ I/P voltage: 380/400/415 Vac.
(May be modified using included configuration program)
- ☐ I/P Voltage tolerance: -15%, +20% without derating
- ☐ I/P frequency: 50/60 Hz selectable.
- ☐ I/P frequency tolerance: 40 to 72 Hz auto sensing.

Output ratings: -

- ☐ AC-AC Efficiency: up to 94% Double conversion mode (15-80kVA)
up to 96% Double conversion mode (100 - 500kVA)
- ☐ Output Voltage: 380/400/415 Vac.
- ☐ Output frequency: 50Hz or 60Hz
- ☐ Output waveform: Sine wave
- ☐ Overload: 150% for 1 minute, 125% for 10 minutes,
>150% for 150ms

Environmental: -

- ☐ Operating Temperature: 0 - 40 °C (no Derating)
- ☐ Storage Temperature: -15 to + 50 °C
- ☐ Relative humidity: 0 to 95% non-condensing.
- ☐ Noise level: <55 dBA, at 1 meter from the rear
<50 dB at distance of 1 meter from the front or sides
- ☐ Operating Elevation: Up to 1000m at 25°C without derating.

Origins: -

- ☐ UPS Manufacturer Country: Eaton USA
- ☐ Assembly Country: India
- ☐ UPS Batteries: Yuasa, UK origin.
- ☐ Battery Racks: Local Manufacturer.
- ☐ DC cables / DC breakers: Local Manufacturers.

Agency: -

EMI standards EN55022/EN55024

EMC compliance IEC 62040-2

Quality ISO 9001: 2000 and ISO 14001:1996

C.TERMS & CONDITIONS OF SALE

Terms & Conditions	
Scope	Supply, Commissioning & startup
Currency:	In EGP, Excluding VAT.
Payment Terms:	25% down payment with order, 75% Upon delivery.
Delivery Location:	From our stores.
Delivery Time:	3 months.
Supervision of Installation:	Does not include supply of electrical supplies and material (AC power cables, panels, PC station, STS & breakers) which can be offered upon getting the approval and the PO.
Warranty:	12 months from startup and commissioning or 18 months from delivery whichever comes first against warrantee certificate.
Validity:	4 weeks from offer's date

Best Regards

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