



American Embassy Asmara

Request for Quotes



Solicitation

For the Acquisition of an Automatic Voltage Regulator

The American Embassy in Asmara is soliciting quotes for and Automatic Voltage Regulator with the following specifications.

400kVA Three-Phase AVR, outdoor type (IP65 Protection Degree), Mechanical Type

Capacity	400 kVA
Input Voltage (Duel)	220/380V \pm 30% (Phase to Phase)
Input Frequency Range	50/60Hz
Input Phase	Three Phase + Neutral + Ground
Output Voltage (Duel)	220/380V \pm 1.5 % (Phase to Phase)
Output Frequency Range	Synchronized with the supply frequency (Line Mode 50/60Hz)
Output Wave Form	Sinusoidal Pure Sine Wave / No Distortion
Output Phase	Three Phase + Neutral + GND
Input Breaker	600 Amps, 3 Phase with over current and phase loss protection.
Output Breaker	600 Amps, 3 Phase
Bypass Switch	600 Amps, 3 Phase

Display Digital/Analogue I/P & O/P voltage and current Metering, 3x Digital / Analogue Current Load Meter, 5x light

Control Power ON/OFF - Static Contactor Switch, Display Voltage Selector Switch, Emergency Stop, Stabilizer or Bypass Selector Switch, Auto or Manual Selector Switch (Increase/Reduce Voltage)

Response Time	35-70ms/Volt
Insulation Resistance	>2M
Features	Compensator & Auto Self Starting after Power Failure
Electrical Strength	2000V Power frequency for 60 Seconds without breakdown and flash over
Efficiency	>95%
Environment	0-45 degrees C
Humidity	10% to 90% with no condensation
Audible Noise	45dB to 55dB at 1 Meter

If you are interested in submitting a quotation, contact the Embassy Asmara Procurement Section.

- Telephone number: +291-1-120004 ext2152/2172.
- AsmaraGSOProcurement@state.gov

The Embassy will consider all quotes which are received on time.

The deadline for submittal of quotes is 17:00 Asmara time on July 1, 2011. Quotes submitted to any address other than the above will not be considered. Quotes not submitted by the deadline will not be considered.