



**Proposed**

**QPS Automatic Voltage Regulator  
For MAGSI Builders**

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**CONFIDENTIALITY NOTICE:**

Customer acknowledges by receipt and use of this proposal that it is confidential and proprietary information of General Electric and Poweredge Solutions Phils. Inc.

August 8, 2019

**Attention: Ms. Abby Salonga**

**Subject: QPS Automatic Voltage Regulator**

Dear Ms. Salonga,

Thank you for giving us the opportunity to offer our products and services. I am pleased to present you our proposal for the supply, delivery, start-up and commissioning of QPS Automatic Voltage Regulator for your requirement.

Please find the attached investment summary, terms and conditions of sale and proposed technical data sheets for your evaluation.

We trust that you find our proposal in order. If you have any queries, please feel free to contact me at [neil@poweredge.com.ph](mailto:neil@poweredge.com.ph)

Thank you very much for your continued confidence in our company.

Sincerely,



**OLIVER NEIL MACARAEG, REE, RME**  
Account Manager

## **QPS Automatic Voltage Stabilizer**

In the real-world power line voltage occurs frequently especially in industrial area. Every electrical equipments and devices do have a working voltage limit/ tolerance. Some equipment are built to tolerate  $\pm 10\%$  of nominal voltage while others  $\pm 5\%$  or less depending on sensitivity.



The correct operation of electrical and electronic equipment depends on the voltage accuracy and stability. In the event of long time over voltage, it will lead to damage of the equipment; while long time under voltage will cause malfunction and computation errors of the electrical and electronic equipment.

QPS Servo-Motor Automatic Voltage Stabilizer Technology provides a continuous monitoring of the output voltage (true RMS sensing) by means of an electronic Control Circuit that compares the instantaneous output voltage with the set value. When changes are detected due to fluctuation of supply voltage or sudden changes in load, an electrical signal will be transmitted to the servo - motor which is coupled onto the brush gear of the variable transformer, causes the brush gear to rotate until the appropriate voltage is restored. This method of stabilization does not create interference or harmonic to the supply system.

QPS Automatic Voltage Stabilizers also designed to cater for unbalanced load. This made possible with its independent phase monitoring system. QPS Automatic Voltage Stabilizers offer high quality performance at competitive prices. They solve voltage unstable problems and increase productivity.

Installing QPS Automatic Voltage Stabilizer (AVS) will ensure the continuity and quality of production.

### **Features & Benefits:**

- ✓ Excellent output voltage accuracy of within  $\pm 1.5\%$  set value.
- ✓ Regulation correction time approximately 0.05 - 0.07 sec per volt.
- ✓ Minimum maintenance due to its simplicity in design.
- ✓ Easy installation.
- ✓ Tailor made to special voltages and configuration, Three phase voltage without neutral or for outdoor configurations.

## **INVESTMENT SUMMARY**

| Item               | Description   | Qty | Unit Price  | Total Price        |
|--------------------|---|-----|-------------|--------------------|
| 1                  | <b>Supply of QPS 15 kVA Automatic Voltage Regulator</b><br>Input: 230 Vac ( $\pm 15\%$ ), Single Phase, 60Hz<br>Output: 230 Vac ( $\pm 1.5\%$ ), Single Phase, 60Hz<br>› Excellent Output Voltage accuracy of within $\pm 1.5\%$ set value<br>› Regulation correction Time approximately 0.05 – 0.07 sec per volt<br>› Minimum Maintenance due to its simplicity in design<br>› Servo Motor AVR<br>› Origin: Malaysia | 2   | Php 150,000 | Php 300,000        |
| <b>GRAND TOTAL</b> |   |     |             | <b>Php 300,000</b> |

### **Notes for the above rates:**

- Delivery included within Metro Manila only.
- Electrical works if required to be quoted separately, subject to site survey.
- Delivery and Engineers' Mobilization outside Metro Manila to be quoted separately
- All kinds of bonds (CARI, Surety, Performance, Warranty, etc.) shall be borne by the customer, or to be quoted separately if required
- Any PEZA/ Permit requirements are not included in this proposal and shall be charged separately
- Delivery & positioning that requires special handling/hauling of equipment such as forklift/cranes and hauling via stairs shall be charged separately.

## **TERMS AND CONDITIONS**

### **PRICE**

All prices are in Philippine Pesos.

### **VALIDITY**

This offer is valid for thirty (30) days upon receipt hereof

### **AVAILABILITY**

Delivery lead time of 4 to 6 weeks upon receipt of P.O. and Downpayment.

### **MODE OF PAYMENT**

Fifty percent (50%) upon receipt of P.O.

Fifty percent (50%) prior to delivery

### **DELIVERY**

**Free delivery within Metro Manila**

### **WARRANTY**

**One (1) year** from date of delivery. All defective parts shall be replaced free of charge within the warranty period if it is determined that the cause of failure was not due to equipment abuse, misuse or other failure resulting from force majeure.

### **TECHNICAL SUPPORT**

#### **Within Warranty Period**

- 24 hours by 7 days on-call technical support with a maximum response time of 3 hours within Metro Manila.

### **FORCE MAJEURE**

This offer is subject to reservation for force majeure namely, earthquake, typhoon, lightning surge, power surge, use of excessive force, burnt circuitry or other circumstances beyond our control which may prevent or injure its performance. In this case, warranty will be void.

### **CANCELLATION OF ORDERS**

All cancellations of orders will be charged a cancellation fee of 80% of the order value of the cancelled items.