

Letter No.: IIITDM/DR/2010-11/54

Date: 16.04.2010

To,

Sub: Request for quotation for Servo Voltage Stabilizer.

Dear Sir,

We (PDPM Indian Institute of Information Technology, Design and Manufacturing Jabalpur) are interested in the purchase of following items -

1. Three Phase Voltage stabilizer (Servo Controlled) – 25 KVA – 1 No.
2. Three Phase Voltage Stabilizers (Servo Cotrolled) – 45 KVA – 1 No.

Detailed specifications are attached in the Annexure 'A'.

Following terms and conditions apply:

1. Show all charges clearly, no hidden cost.
2. Show transportation charges/delivery to PDPM-IIITDM Jabalpur, Madhya Pradesh.
3. Price quoted should be inclusive of all applicable taxes and levies. Taxes, transportations should be clearly mentioned in the quotation.
4. The rates should be F. O. R. PDPM-IIITDM-Jabalpur, Mehgawan, Dumna Airport Road, Post: Khamaria, Jabalpur.
5. Attach all necessary documents, technical literature and catalogues.
6. Institute reserves the right to change the quantity as per its requirement at any stage. Further the Institute reserves the right to place order either of all the items or only some of the above items. The supplier shall have no right to claim any compensation in such case.
7. The supplier is to submit **earnest money** deposit of **Rs 5, 000/-** (Five thousand only) with their sealed quotation. Quotations without earnest money deposit shall be summarily rejected.
8. The Earnest money deposit should be a FDR or demand draft in favour of Director, PDPM- IIITDM.
9. Validity of quotation should be minimum 30 days.
10. In case of delay in supply, penalty at the rate of 0.5% per day of the ordered value shall be charged (maximum penalty up to 7.5 % of the order value can be deducted). If the delay is more than two weeks the order shall stand cancelled and the earnest money deposit shall be forfeited.
11. You will be required to submit Performance Bank Guarantee @5% during the period of warranty.

12. Sealed quotation should reach on or before 01.00 pm on 30/04/2010, to the Deputy Registrar, PDPM-IIITDM Jabalpur, Dumna Airport Road, Post: Khamaria, Jabalpur (M.P.) Pin-482005.
13. Quotations will be opened on the same day (on 30/04/2010) at 03:00 pm.
14. All disputes should be within the jurisdiction of Jabalpur.

You are requested to submit the sealed pack quotation with best offer for any one or more of the above mentioned items latest by April 30, 2010 at the following address:

**The Deputy Registrar,**  
PDPM Indian Institute of Information Technology  
Design & Manufacturing, Jabalpur  
Dumna Airport Road,  
Post: Khamaria  
Jabalpur - 482005

Send the sealed pack quotation by post/courier. Mention the reference no IIITDM/DR/2010-11/54 at the top of the envelope.

Mr. R.P.Dwivedi  
Deputy Registrar

## ANNEXURE 'A'

### 1. SERVO VOLTAGE STABILIZER

Phase	: 3 Phase , 4 Wire.
Input Voltage	: 170V to 270V; 50 c/s A.C. between any Phase & Neutral Correspond to 300V to 480V Phase to Phase.
Output Voltage	: 240V $\pm$ 1% ; 50 c/s A.C. between any Phase & Neutral correspond to 415V $\pm$ 1% Phase to Phase.
Operating Frequency	: 47 - 63 HZ
Type	: Balanced
Control Circuit	: Separate control circuit for individual correction in each phase.
Overload Capacity	: 120% for 30 Minutes
Short Circuit Period & % Age	: 300% for 250 M.Sec
Operating Temperature	: 0 To 55 Degrees C
Response Time	: Less than 10 mille seconds
Wave Form Distortion	: Nil. Constant output voltage even with distorted input from D.G. Set
Efficiency	: More than 98%
System Construction	: Confirms to IS: 9815/94
Protection	: UnderVoltage, OverVoltage, OverLoad Protection along with O/P Side Contactor.

**The stabilizer should be equipped with surge suppresser.**

- (1) CAPACITY : 25 KVA – 1 No
- (2) CAPACITY : 45 KVA – 1 No.

**FEATURES Required:**

1. Mains on indication on front panel.
2. Voltmeter/ Ampere meter on front panel with Selector switch to read Input/Output Voltage and output current.
3. Auto/ Manual Facility.
4. Potentiometer on Front panel to adjust output voltage of each phase.
5. Solid State Control Circuit to Control Output Voltage individually.
6. High performance integrated circuit based, control system - No relays (Solid state circuit).
7. Stepless Voltage correction at High speed without over shoot/hunting.
8. Online serviceability with inter changeable plug-in Control Card.
9. Burn proof/Brush A.C. synchronous motor for greater reliability and longer life.
10. Single phasing prevention
11. High quality carbon brushes.
12. Inbuilt surge suppressors in the form of MOV.
13. Manufacturing Company should be ISO 9001 certified

R.P.Dwivedi  
Deputy Registrar