

**Rate Contract**  
Government of India  
Directorate General of Supplies & Disposals  
Jeevan Tara Building, 5 Sansad Marg  
New Delhi-110001  
Tel Number 23360610/23360537

Digitally signed by:  
**Bela Puri**  
Email Id:  
bela\_puri@yahoo.in

Rate Contract no. SMC/ME-5/RC-B3090000/0412/05/NA931/522  
Dated 17-JUN-11

To,

UNILINE ENERGY SYSTEM(P) LTD  
198/23,RAMESH MARKET, EAST OF KAILASH  
NEW DELHI

Sub: Rate Contract for supply of Servo Motor Operated Line Voltage Correctors  
Validity: From 16-JUN-11 To 30-APR-12 .

Ref:(1) This Office Tender Enquiry No. SMC/ME-5/RC-B3090000/0412/05  
Opened on 16-MAR-11.

(2) Your Quotation No. UESPL/UL/DGS&D/S-27/KR And Dated  
14-MAR-11.

Dear Sir,

You are hereby informed that your above referred tender read with subsequent letters mentioned above for the Stores specified in the Schedules annexed has been accepted. This rate contract will be governed by the terms and conditions brought in the Form no. DGS&D 1001 available from dgs&d sales counter on payment of Rs. 50/- .The Rate Contract and the schedules annexed here to shall be the sole repository of this Rate Contract/Transaction.

**SCHEDULES ANNEXED**

- 1.Schedule "A" Description of stores,prices,duties/taxes.
- 2.Schedule "B" special conditions of contract / Other information.
- 3.Schedule "C" Information to DDOs about parallel rate contracts.
- 4.Annexure - Technical Specification



Yours Faithfully,



Assistant Director(S)/Section Officer/Dy. Director

For and on behalf of the purchaser named in the Form DGS&D 1001.

**SCHEDULE - A**

1. Rate Contract No.: - SMC/ME-5/RC-B300000/0412/05/NA931/522  
 Dated 17-JUN-11 For the Supply of Servo Motor Operated Line Voltage Correctors

2. Advance Rate Contract No.: - Nil  
 Dated

3.(a) Name and Full Address of the Firm :-

UNILINE ENERGY SYSTEM(P) L.D  
 198/23, RAMESH MARKET, EAST OF KAILASH  
 NEW DELHI  
 DELHI - 110065  
 Tel. No. - 011-46661111, 26469113  
 Fax - 91-11-26481469  
 Email - uniline@uniline.in

(b) Name and Full Address of Manufacturer :-

M/s Uniline Energy System (P) Ltd.,  
 No.6, DSIDC Computer Complex, Okhla Indl. Area,  
 Phase-II, New Delhi-110020.

(c) Brand: UNILINE

4. Validity of Rate Contract: 16-JUN-11 To 30-APR-12

5. Description of Item, Specification, Unit, Rate

Item Model No. No. (Rs.)	Store Description	Unit	Rate (in
1	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: SINGLE PHASE, RATED KVA: 1.0 KVA NOS.	11043.77 Rs. ELEVEN THOUSAND FORTY-THREE AND PAISE SEVENTY-SEVEN ONLY
2	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280	NO. OF PHASE: SINGLE PHASE, RATED KVA: 2 KVA NOS.	12760.89 Rs. TWELVE THOUSAND SEVEN HUNDRED SIXTY

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## VOLTS

3	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: SINGLE PHASE,RATED KVA: 3.15 KVA	NOS.	AND PAISE EIGHTY-NINE ONLY 15818.81 Rs. FIFTEEN THOUSAND EIGHT HUNDRED EIGHTEEN AND PAISE EIGHTY-ONE ONLY
4	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: SINGLE PHASE,RATED KVA: 5.0 KVA	NOS.	18735.59 Rs. EIGHTEEN THOUSAND SEVEN HUNDRED THIRTY-FIVE AND PAISE FIFTY-NINE ONLY
5	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: SINGLE PHASE,RATED KVA: 8.0 KVA	NOS:	29108.96 Rs. TWENTY-NINE THOUSAND ONE HUNDRED EIGHT AND PAISE NINETY-SIX ONLY
6	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: SINGLE PHASE,RATED KVA: 10.0 KVA	NOS.	36941.93 Rs. THIRTY-SIX THOUSAND NINE HUNDRED FORTY-ONE AND PAISE NINETY-THREE

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ONLY

7	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: SINGLE PHASE,RATED KVA: 16 KVA	NOS.	50843.67 Rs. FIFTY THOUSAN D EIGHT HUNDRED FORTY-THREE AND PAISE SIXTY-SEVEN ONLY
8	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: SINGLE PHASE,RATED KVA: 20.0 KVA	NOS.	56959.49 Rs. FIFTY-SIX THOUSAN D NINE HUNDRED FIFTY-NINE AND PAISE FORTY-NINE ONLY
9	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: SINGLE PHASE,RATED KVA: 25.0 KVA	NOS.	67850.36 Rs. SIXTY-SEVEN THOUSAN D EIGHT HUNDRED FIFTY AND PAISE THIRTY-SIX ONLY
10	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 8.0 KVA	NOS.	88314.85 Rs. EIGHTY-EIGHT THOUSAN D THREE HUNDRED FOURTEEN AND PAISE EIGHTY-FIVE ONLY
11	SERVO MOTOR OPERATED LINE VOLTAGE	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 10.0 KVA	NOS.	107191.57 Rs. ONE LAKHS

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	CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS			SEVEN THOUSAN D ONE HUNDRED NINETY- ONE AND PAISE FIFTY- SEVEN ONLY
12	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 16.0 KVA	NOS.	147508.96 Rs. ONE LAKHS FORTY- SEVEN THOUSAN D FIVE HUNDRED EIGHT AND PAISE NINETY- SIX ONLY
13	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 20.0 KVA	NOS.	172736.73 Rs. ONE LAKHS SEVENTY- TWO THOUSAN D SEVEN HUNDRED THIRTY- SIX AND PAISE SEVENTY- THREE ONLY
14	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 25.0 KVA	NOS.	203327.63 Rs. TWO LAKHS THREE THOUSAN D THREE HUNDRED TWENTY- SEVEN AND PAISE SIXTY- THREE ONLY
15	SERVO MOTOR	NO. OF PHASE: THREE PHASE,RATED	NOS.	252148.36

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	OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	KVA: 3 X 31.5 KVA		Rs. TWO LAKHS FIFTY- TWO THOUSAN D ONE HUNDRED FORTY- EIGHT AND PAISE THIRTY- SIX ONLY
16	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 40.0 KVA	NOS.	309852.05 Rs. THREE LAKHS NINE THOUSAN D EIGHT HUNDRED FIFTY- TWO AND PAISE FIVE ONLY
17	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 50.0 KVA	NOS.	333947.71 Rs. THREE LAKHS THIRTY- THREE THOUSAN D NINE HUNDRED FORTY- SEVEN AND PAISE SEVENTY- ONE ONLY
18	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 60.0 KVA	NOS.	448757.79 Rs. FOUR LAKHS FORTY- EIGHT THOUSAN D SEVEN HUNDRED FIFTY- SEVEN AND PAISE SEVENTY-

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19	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 75.0 KVA	NOS.	NINE ONLY 478059.7 Rs. FOUR LAKHS SEVENTY- EIGHT THOUSAN D FIFTY- NINE AND PAISE SEVENTY ONLY
20	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 100.0 KVA	NOS.	677832.51 Rs. SIX LAKHS SEVENTY- SEVEN THOUSAN D EIGHT HUNDRED THIRTY- TWO AND PAISE FIFTY-ONE ONLY
21	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 125.0 KVA	NOS.	843834.56 Rs. EIGHT LAKHS FORTY- THREE THOUSAN D EIGHT HUNDRED THIRTY- FOUR AND PAISE FIFTY-SIX ONLY
22	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 150.0 KVA	NOS.	918801.43 Rs. NINE LAKHS EIGHTEEN THOUSAN D EIGHT HUNDRED ONE AND PAISE FORTY- THREE ONLY

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23	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE 120 TO 280 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 200.0 KVA	NOS.	1317372.01 Rs. THIRTEEN LAKHS SEVENTEE N THOUSAN D THREE HUNDRED SEVENTY- TWO AND PAISE ONE ONLY
26	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS	NO. OF PHASE: SINGLE PHASE,RATED KVA: 1.0 KVA	NOS.	8174.03 Rs. EIGHT THOUSAN D ONE HUNDRED SEVENTY- FOUR AND PAISE THREE ONLY
27	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS	NO. OF PHASE: SINGLE PHASE,RATED KVA: 2 KVA	NOS.	9444.25 Rs. NINE THOUSAN D FOUR HUNDRED FORTY- FOUR AND PAISE TWENTY- FIVE ONLY
28	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS	NO. OF PHASE: SINGLE PHASE,RATED KVA: 3.15 KVA	NOS.	11690.63 Rs. ELEVEN THOUSAN D SIX HUNDRED NINETY AND PAISE SIXTY- THREE ONLY
29	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE	NO. OF PHASE: SINGLE PHASE,RATED KVA: 5.0 KVA	NOS.	13842.92 Rs. THIRTEEN THOUSAN D EIGHT HUNDRE

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RANGE OF 160 TO 260  
VOLTS

FORTY-  
TWO AND  
PAISE  
NINETY-  
TWO  
ONLY

30 SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS NO. OF PHASE: SINGLE PHASE,RATED KVA: 8.0 KVA NOS. 21511.23  
Rs. TWENTY-ONE THOUSAND FIVE HUNDRED ELEVEN AND PAISE TWENTY-THREE ONLY

31 SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS NO. OF PHASE: SINGLE PHASE,RATED KVA: 10.0 KVA NOS. 27285.98  
Rs. TWENTY-SEVEN THOUSAND TWO HUNDRED EIGHTY-FIVE AND PAISE NINETY-EIGHT ONLY

32 SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS NO. OF PHASE: SINGLE PHASE,RATED KVA: 16 KVA NOS. 37835.77  
Rs. THIRTY-SEVEN THOUSAND EIGHT HUNDRED THIRTY-FIVE AND PAISE SEVENTY-SEVEN ONLY

33 SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS NO. OF PHASE: SINGLE PHASE,RATED KVA: 20.0 KVA NOS. 42340.31  
Rs. FORTY-TWO THOUSAND THREE HUNDRED FORTY

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	VOLTS			AND PAISE THIRTY- ONE ONLY
37	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 16.0 KVA	NOS.	109038.08 Rs. ONE LAKHS NINE THOUSAN D THIRTY- EIGHT AND PAISE EIGHT ONLY
38	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 20.0 KVA	NOS.	127620.77 Rs. ONE LAKHS TWENTY- SEVEN THOUSAN D SIX HUNDRED TWENTY AND PAISE SEVENTY- SEVEN ONLY
39	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 25.0 KVA	NOS.	150519.84 Rs. ONE LAKHS FIFTY THOUSAN D FIVE HUNDRED NINETEEN AND PAISE EIGHTY- FOUR ONLY
40	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 31.5 KVA	NOS.	186814.9 Rs. ONE LAKHS EIGHTY- SIX THOUSAN D EIGHT HUNDRED FOURTEEN AND

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41	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 40.0 KVA	NOS.	PAISE NINETY ONLY 229454.17 Rs. TWO LAKHS TWENTY- NINE THOUSAN D FOUR HUNDRED FIFTY- FOUR AND PAISE SEVENTEE N ONLY
43	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 60.0 KVA	NOS.	332394.86 Rs. THREE LAKHS THIRTY- TWO THOUSAN D THREE HUNDRED NINETY- FOUR AND PAISE EIGHTY- SIX ONLY
44	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 75.0 KVA	NOS.	355352.13 Rs. THREE LAKHS FIFTY- FIVE THOUSAN D THREE HUNDRED FIFTY- TWO AND PAISE THIRTEEN ONLY
45	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 100 KVA	NOS.	502938 Rs. FIVE LAKHS TWO THOUSAN D NINE HUNDRED THIRTY- EIGHT ONLY

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46	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 125.0 KVA	NOS.	625206.26 Rs. SIX LAKHS TWENTY-FIVE THOUSAN D TWO HUNDRED SIX AND PAISE TWENTY-SIX ONLY
47	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 150.0 KVA	NOS.	680429.99 Rs. SIX LAKHS EIGHTY THOUSAN D FOUR HUNDRED TWENTY-NINE AND PAISE NINETY-NINE ONLY
48	SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF 160 TO 260 VOLTS	NO. OF PHASE: THREE PHASE,RATED KVA: 3 X 200.0 KVA	NOS.	981636.79 Rs. NINE LAKHS EIGHTY-ONE THOUSAN D SIX HUNDRED THIRTY-SIX AND PAISE SEVENTY-NINE ONLY

6-Terms of Delivery:	F.O.R. STATION OF DISPATCH
7-Excise Duty:	Excise Duty Extra @ 10.3%
8-Sales Tax:	CST/VATExtra @ 12.5%
9-Delivery Period:	90 DAYS.
10(a)-Annual Turnover:	2006-07 2019.33 Lacs 2007-08 2437.61 Lacs 2008-09 3215.17 Lacs
(b)-Monetary Limit(In Rs.):	1608.00 Lacs.
11-Payment Terms:	98% payment on proof of Inspection and provisional receipt of stores by the consignee as recorded on Inspection Note issued for Advance payment and balance 2% on receipt of stores by

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consignee in full and good condition .

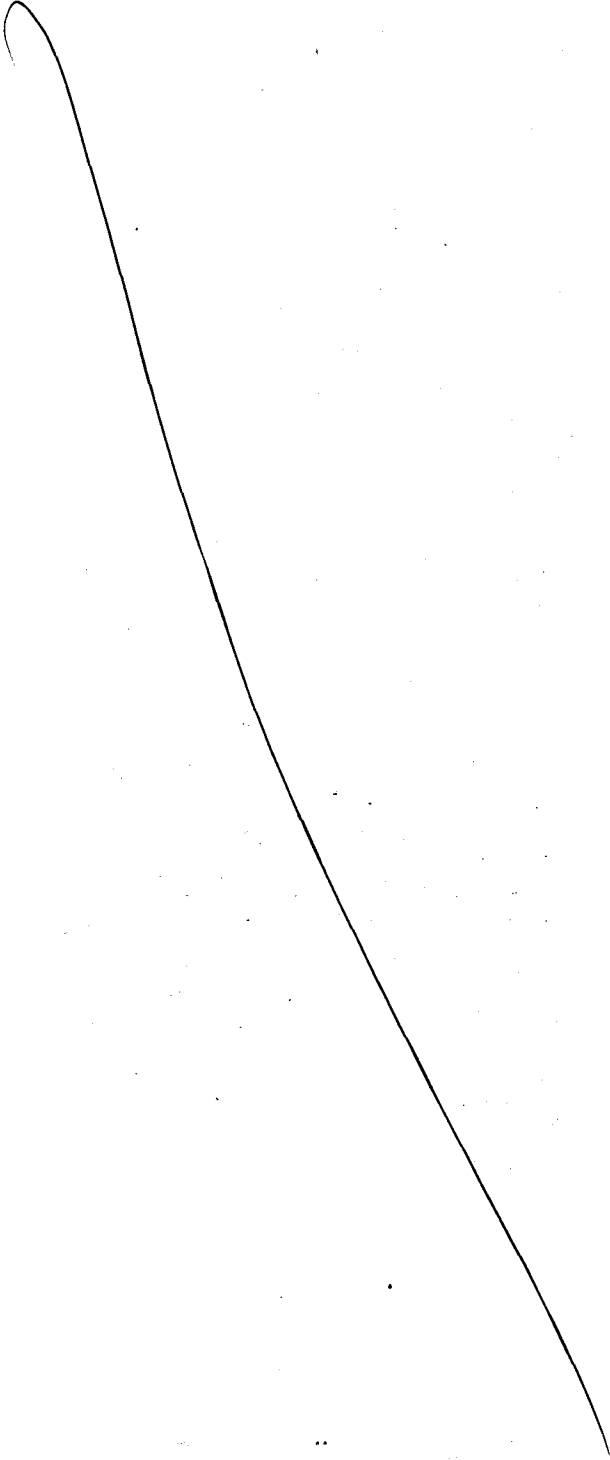
- 12-Slab Discount Clause: NIL
- 13-Prices: FIXED
- 14-Quantity Offered: .
- 15-Minimum Quantity in Single Supply Order: .
- 16-Minimum order Value in Single Supply Order: .
- 17-Status of the RC Holding Firm: SSI
- 18-Paying Authority: The Chief Controller of Accounts, Deptt. of Supply  
16A, AKBAR ROAD  
New Delhi -110011
- 19-Inspection Authority: For Civil  
ADG(QA),Jeevan Tara Building,Parliament Street  
New Delhi
- 20-Quality Assurance Officer: For Civil  
Director(QA), Delhi Directorate,  
Jeevan Tara Building, 4th Floor, Sansad Marg  
New Delhi  
DELHI -110001
- 21-Place where the Stores are to be Tendered for Inspection: M/s Uniline Engergy System (P) Ltd., No.6, DSIDC Computer Complex,  
Okhla Indl. Area, Phase-II, New Delhi-110020.
- 22-R/C is DDOs Operated: Yes
- 23-Packing & Specification : see annexure

With effect from First October two thousand eight ( 01-10-2008 ),all supply order(s) against this Rate Contract must be placed by Direct Demanding Officer(s) on-line through D.G.S&D web site (www.dgsnd.gov.in) (indentor's page) only. Supply order(s) in any other form placed on or after 01-10-2008 shall not be valid and shall not be acted upon by the contractor or any other concerned agencies.

DDO shall download the supply order and send an ink signed copy to the concerned paying authority specified in the rate contract through Registered / speed post immediately after on-line placement of Supply Order(s).

*(Bela Pur)*  
~~Asstt. Director (S) / Section Officer / Dy. Director~~  
For and behalf of the purchaser named in the Form DGS&D 1001.

All the R/C particulars including prices in respect of individual R/Cs are available on DGS&D website which can be accessed by all. The DGS&D website is <http://dgsnd.gov.in>



*Bela Prasad*

## SCHEDULE - B

### Other Information

1. Your Revised quotation no.UESPL / UL / S-1 / KR. 70 dated 30-05-2011.
2. Your Revised quotation no.UESPL / UL / S-1 / KR. 75 dated 13-06-2011.

NOTE:- IT MAY BE NOTED THAT IF ANY DETAILS IN THE TECHNICAL QUESTIONNAIRE IS NOT IN CONFORMITY WITH THE TECHNICAL SPECIFICATIONS/ REQUIREMENT, THEN TENDER ENQUIRY SPECIFICATIONS WOULD PREVAIL IRRESPECTIVE OF STIPULATIONS MADE IN THE QUESTIONNAIRE.

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## ANNEXURE

1. All the components used in the assembly of line voltage correctors shall conform to relevant IS specification, wherever applicable.
2. The Oil Cooled Servo Motor Operated LVC should be supplied without first filling of transformer oil.
3. The Servo Motor Operated LVC shall be provided with over voltage and under voltage Cut-off on output side. This system output shall cut off if output voltage falls below 210 +/-5 volts or goes above 260+/-3 volts. Similarly the corresponding cut in voltage shall be 225 +/-5 volts and 250 +/-3 volts.
4. The output side shall be provided with MCB (for ratings up to 10KVA) or MCCB(for ratings above 10KVA) of suitable rating. The MCB shall be ISI Marked.MCCB, wherever used shall be of reputed make like Siemens, HPL Socomec, Havells, Andrew Yule, ABB, Allen Bradley, Shneider, Hundai .
5. The Servo Motor Operated LVC for rating 20KVA onwards shall be oil cooled only.
6. Supplier shall furnish TTC for highest and lowest rating of Servo Motor Operated Line Voltage Corrector of each type separately (i.e. air cooled or oil cooled)at the time of registration. The rating falling in between shall be deemed to have been type tested for the purpose of registration only. However, supplier shall furnish TTC for each rating at the time of first Inspection.
7. Firm registered for input phase voltage range either 120-280 volts or 160-260 volts shall be considered deemed registered for the both voltage range.
8. Firms registered for Single or three phase Line Voltage Correctors for a particular capacity shall be considered as deemed registered for both single as well as three Line voltage correctors of that capacity.
9. Firms registered for a particular rating Line Voltage Correctors shall be considered as deemed registered for all lower ratings of Line voltage correctors also.
10. Type Testing can be conducted either at Government approved Laboratory or at the firm's own laboratory in the presence of DQA of the area concerned if the firm possesses complete and satisfactory type testing arrangements at their works and the lab is NABL accredited.If the firm does not possess testing facilities ,the type testing shall be carried out at a Government Laboratory at firm's own cost.
11. While conducting damp heat cycle test (type tests), it will be sufficient to subject only the control system to damp heat cycle test for units of rating higher than 15KVA single phase or 3x5 KVA three phases instead of the complete unit. The

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control system will then be fitted on the unit and the whole unit shall be subjected to all Acceptance tests as per conditions mentioned in Clause 11.15 of IS: 9815(Part-1)/1994(Reaffirmed 2004). If the firm does not possess testing facilities, the type testing shall be carried out at a Government Laboratory at firm's own cost.

NOTE FOR QA OFFICERS: Following minimum drill/procedure should be kept in view over and above the acceptance test requirement of specification of product during inspection.

(a) Higher rating of the machine (specially oil filled and more than 3x25KVA) should be preferably subjected to stage inspection before tanking so that it can be examined with respect to their declared design parameter.

(b) Firm should furnish detailed schematic drawing together with numerical design data of the product including structural detail of tank in case of oil filled voltage stabilizer.

(c) Temperature rise test should be conducted as an acceptance procedure when store is offered for first time and firm should be accordingly equipped for conducting the temperature rise test and loss measurement evaluation. Proper sanctioned KVA load and suitable loading transformer is prerequisite condition for these tests. Care should be taken by QA officer in this respect while furnishing registration / capacity report.

(d) If a particular rating of stabilizers found complying to rating test (temperature rise test), corresponding design data of machine may be vetted by QA officer for future reference so that during next cycle of inspection in running R/C, product conformance may be judged by verification & comparison of observed parameters pertaining to lot under inspection with vetted design parameters.

(e) Vital data pertaining to stabilizers such as copper weight, core weight, total weight of auto transformer and buck boost transformer along with gross weight of machine as observed during stage inspection should be indicated in I/Note for reference of user. Sample should be verified with respect to gross weight during acceptance procedure.

(f) Servo motors, auto transformer, MCB, MCCB & meters etc fitted on board should be of reputed make and meters should be of accuracy class-1. Firm should furnish the compliance certificate of the same at the time of inspection.

SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE  
120 TO 280 VOLTS

Specification :

Servo motor operated automatic line voltage correctors (LVC) copper wound indoor type, continuous duty, conforming to IS: 9815 (Pt.1)/1994(Reaffirmed 2004) suitable for phase voltage of 120-280 volts. Three phase line voltage correctors shall comprise of three single phase line voltage correctors conforming to IS-9815 (Pt.1)/1994(Reaffirmed 2004), connected in star and enclosed in a single enclosure with common control panel and shall be suitable for unbalance input voltage. Rated output voltage shall be 240V for single phase LVC and 415V for three phase LVC respectively.

SERVO MOTOR OPERATED LINE VOLTAGE CORRECTORS SUITABLE FOR PHASE VOLTAGE RANGE OF

Specification :

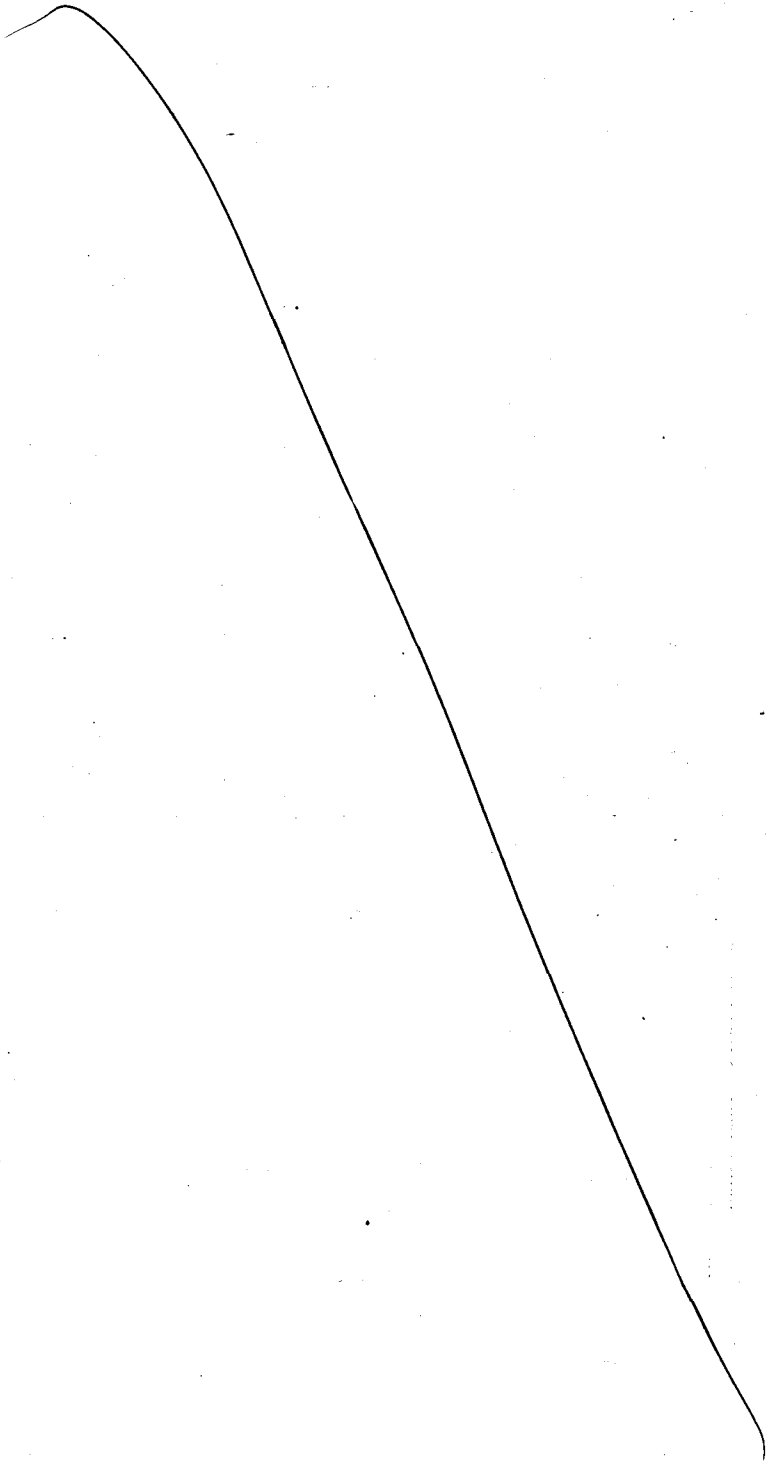
Servo Motor operated automatic line voltage correctors (LVC), copper wound Indoor type, continuous duty, conforming to IS: 9815 (Pt.1)/1994 (Reaffirmed 2004) suitable for phase Voltage of 160-260V. Volts. Three phase line voltage correctors shall comprise of three single phase line voltage correctors, conforming to IS: 9815 (Pt.1)/1994 (Reaffirmed 2004), connected in star and enclosed in a single enclosure with common control panel and shall be suitable for unbalance input voltage. Rated output voltage shall be 240V for single phase LVC and 415V for three phase LCV respectively.

*Refer Page 11*

LIST OF ALL AMENDMENTS

For RC No. SMC/ME-5/RC-B3090000/0412/05/NA931/522`

*NOTE: No Amendments issued till date 28-JUN-11*



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