

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:
Shashi Kiran Sud
Email Id:
sksud@dgsnd.com.in

Rate Contract no. L.I.UPS/IT-4/RC-D3010000/0711/84/03350/1496
Dated 14-FEB-11

To,

UNILINE ENERGY SYSTEMS (P) LTD.
Uniline House, 198/23 Ramesh Market
East of Kailash, New Delhi- 110065

Sub: Rate Contract for supply of Line Interactive UPS
Validity: From 14-FEB-11 To 31-JAN-12 .

Ref:(1) This Office Tender Enquiry No. L.I.UPS/IT-4/RC-D3010000/0711/84
Opened on 09-NOV-10.
(2) Your Quotation No. And Dated

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,

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Assistant Director(S)/Section Officer/Dy.Director
For and on behalf of the purchaser named in the Form DGS&D 1001.

COPY TO:

1. The Chief Controller of Accounts, Department of commerce, New Delhi/
COA Mumbai/COA Kolkata, COA Chennai.
(Through authentication cell) This issues with the approval of competent authority.
2. Deputy Director General of Supplies & Disposals, Chennai - 10 copies each
3. Deputy Director General of Supplies & Disposals, Kolkata - 10 copies each
4. Deputy Director General of Supplies & Disposals, Mumbai - 10 copies each
5. Deputy Director General (QA), Kolkata - 10 copies each
6. Deputy Director General (QA), Chennai - 10 copies each
7. Deputy Director General (QA), Mumbai - 10 copies each
8. Deputy Director General (QA), DGS&D - 10 copies each
9. Inspection Authority ADG(QA) DGS&D New Delhi - 110001.
10. Quality assurance Officer Director (QA) Delhi Directorate/ Mumbai, Chennai/Kolkata.
11. Concurrent Audit
12. MIS Cell
13. Ledger clerk
14. O.L. Section
15. All Direct Demanding Officers as per mailing list maintained by DGS&D.


Assistant Director (S) / Section Officer / Deputy Director
FOR DIRECTOR GENERAL OF SUPPLIES & DISPOSALS



SCHEDULE - A

1. Rate Contract No. :- L.I. UPS/TT-4/RC-D3010000/0711/84/03350/1496
Dated 14-FEB-11 For the Supply of Line Interactive UPS

2. Advance Rate Contract No. :- Nil
Dated

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

UNILINE ENERGY SYSTEMS (P) LTD.
Uniline House, 198/23 Ramesh Market
East of Kailash, New Delhi- 110065

DELHI - 110065
Tel. No. - 264691031, 26469039
Fax - 26481469
Email - dkg@uniline.in

(b) Name and Full Address of Manufacturer :-

Uniline Energy Systems Pvt. Ltd.
Plot No. 20, Sector - 1, Parwanoo, Distt. - Solan
(Himachal Pradesh)

(c) Brand: Uniline

4. Validity of Rate Contract: 14-FEB-11 To 31-JAN-12

5. Description of Item, Specification, Unit, Rate

Item Model No. No.	Store Description	Unit	Rate (in Rs.)
1 Uniline	Line Interactive UPS with AVR for single phase AC 160V to 280V input. Rated KVA: 0.5, Minimum VAH: 84	NOS.	1629 Rs. ONE THOUSAN D SIX HUNDRED TWENTY-NINE ONLY
2 Uniline	Line Interactive UPS with AVR for single phase AC 160V to 280V input. Rated KVA: 0.5, Minimum VAH: 168	NOS.	2722 Rs. TWO THOUSAN D SEVEN HUNDRED TWENTY-TWO ONLY
3 Uniline	Line Interactive UPS with AVR for single phase AC 160V to 280V input. Rated KVA: 0.5, Minimum VAH: 400	NOS.	4235 Rs. FOUR THOUSAN

4	Uniline	Line Interactive UPS with AVR for single phase AC 160V to 280V input.	Rated KVA: 0.65,Minimum VAH: 168	NOS.	2878 Rs. TWO THOUSAND EIGHT HUNDRED SEVENTY-EIGHT ONLY
5	Uniline	Line Interactive UPS with AVR for single phase AC 160V to 280V input.	Rated KVA: 0.65,Minimum VAH: 400	NOS.	4606 Rs. FOUR THOUSAND SIX HUNDRED SIX ONLY
6	Uniline	Line Interactive UPS with AVR for single phase AC 160V to 280V input.	Rated KVA: 0.65,Minimum VAH: 108	NOS.	2462 Rs. TWO THOUSAND FOUR HUNDRED SIXTY-TWO ONLY
7	Uniline	Line Interactive UPS with AVR for single phase AC 160V to 280V input.	Rated KVA: 0.8,Minimum VAH: 168	NOS.	3387 Rs. THREE THOUSAND D THREE HUNDRED EIGHTY-SEVEN ONLY
8	Uniline	Line Interactive UPS with AVR for single phase AC 160V to 280V input.	Rated KVA: 0.8,Minimum VAH: 400	NOS.	5087 Rs. FIVE THOUSAND D EIGHTY-SEVEN ONLY
9	Uniline	Line Interactive UPS with AVR for single phase AC 160V to 280V input.	Rated KVA: 0.8,Minimum VAH: 216	NOS.	3965 Rs. THREE THOUSAND D NINE HUNDRED SIXTY-FIVE ONLY
10	Uniline	Line Interactive UPS with AVR for single phase AC 160V to 280V input.	Rated KVA: 1.0,Minimum VAH: 168	NOS.	4039 Rs. FOUR THOUSAND D THIRTY-NINE ONLY

11	Uniline	Line Interactive UPS with AVR for single phase AC 160V to 280V input.	Rated KVA: 1.0, Minimum VAH: 400	NOS.	6138 Rs. SIX THOUSAND D ONE HUNDRED THIRTY-EIGHT ONLY
12	Uniline	Line Interactive UPS with AVR for single phase AC 160V to 280V input.	Rated KVA: 1.0, Minimum VAH: 216	NOS.	6164 Rs. SIX THOUSAND D ONE HUNDRED SIXTY-FOUR ONLY
13	Uniline	Line Interactive UPS with AVR for single phase AC 160V to 280V input.	Rated KVA: 1.0, Minimum VAH: 800	NOS.	8272 Rs. EIGHT THOUSAND D TWO HUNDRED SEVENTY-TWO ONLY
17	Uniline	Line Interactive UPS with AVR for single phase AC 160V to 280V input.	Rated KVA: 2.0, Minimum VAH: 1600	NOS.	15503 Rs. FIFTEEN THOUSAND D FIVE HUNDRED THREE ONLY

6-Terms of Delivery:	Free deliveries at consignee's premises including installation.
7-Excise Duty:	NA
8-Sales Tax:	CST/VAT Extra @5%
9-Delivery Period:	8 to 12 weeks from the date of receipt of order.
10(a)-Annual Turnover:	Without Limit
(b)-Monetary Limit(In Rs.):	Without Any Limit
11-Payment Terms:	As per Schedule B
12-Slab Discount Clause:	NIL
13-Prices:	FIXED
14-Quantity Offered:	NA
15-Minimum Quantity in Single Supply Order:	Without Limit
16-Minimum order Value in Single Supply Order:	Without Limit
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
Chandigarh Directorate of Quality Assurance
Block No.3, IInd floor, Kendriya Sadan,
Sector 9 A
Mohali
CHANDIGARH -160055

21-Place where the Stores are to be Tendered
for Inspection:

Uniline Energy Systems Pvt. Ltd.,Plot No. 20, Sector - 1,
Parwanoo, Distt. - Solan (Himachal Pradesh)

22-R/C is DDOs Operated:


Yes

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).

23-Packing & Specification :

see annexure

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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>

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SCHEDULE - B

RC Specification: 1. Line Interactive UPS System will conform to standard guarantee/warranty clause 18 of DGS&D-1001 effective for a period of 12 months from the date of receipt of stores by the consignee or 15 months from the date of dispatch whichever ever is earlier.

2 Octroi Duty and Local Taxes:

Normally materials to be supplied to Government Department against Govt. Contracts are exempted from levy of town duty, Octroi duty, terminal tax and other levies of local bodies. The local Town/Municipal Body regulations at times, however, provide for such exemption only on production of such exemption certificate from any authorized officer. Contractors should ensure that stores ordered against contracts placed by this office are exempted from levy of Town duty / Octroi duty, Terminal tax or other local taxes and duties. Wherever, required, they should obtain the exemption certificate from the purchase officer or indenter concerned, to avoid payment of such local taxes or duties. Octroi, entry tax etc on the buyers account in the absence of relevant exemption certificate.

3. PAYMENT TERMS:

Payment will be made to the contractor on submission of bills in accordance with the procedure laid down under clause 19 of DGS&D-69 as amended up to date. The broad provisions are reproduced as under: -

(i) 98% of the price of the stores of each consignment thereof shall be paid on production of a valid inspection note and on the basis of provisional receipt certificate issued by the consignee for having received the stores in full and good conditions, duly endorsed either on copy of I. Note issued for advance 98% payment or in the standard format given below:-

This is a provisional receipt, it only be taken as the receipt of the stores by the consignee and is without prejudice to his right of inspection and rejection under the general conditions of contract. It is issued on 'said to contain basis' the contractor remaining responsible for providing the total quantities actual delivered.

(ii) Balance 2% shall be paid on receipt of stores by the consignee in good condition.

4. Road permit, Waybill to be provided by DDO along with the order.

In all such cases where the requirement of Road Permit / Way Bills for entry of goods into a particular State is mandatory, the following provisions shall be strictly followed: -

(a) The supplier shall request the indenter/consignee for providing Road permit/ Waybill within 10 days of the receipt of the Supply order. The supplier shall furnish all the necessary information and documents in this regard to Indenter/consignee.

(b) On receipt of the above request from the supplier, the indenter /consignee concerned shall arrange to provide the Road permit/Way Bill in the prescribed form to the supplier within a maximum period of two weeks so that the same reaches the supplier before the dispatch of the stores. However, in cases where the Road permit/Way Bill is issued on proof of actual invoice of the material, the consignee shall arrange to provide the Road permit/Way Bill from appropriate authorities within a maximum period of 5 days from the receipt of invoice.

(c) The supplier shall not be held responsible for any delay in supply due to non- supply/delayed supply of Road permit/Way bill by the indenter/consignee.

(d) All cases of abnormal delay in providing requisite details/ documents by the supplier or issue of Road permit/Way bill by indenter / consignee, the same shall be reported by them to DGS&D.

The details of the Road permits presently applicable in different States are as under:-


Sr.No. States Road Permit

- 1 Andhra Pradesh: -
- 2 Arunachal Pradesh: Form DG-01
- 3 Assam: Form 62
- 4 Bihar: Form 28
- 5 Chhattisgarh: Form 59A
- 6 Goa: -
- 7 Gujarat: Form 403
- 8 Haryana: Form 38 if value is Rs. 25,000 or more.
- 9 Himachal Pradesh: -
- 10 Jammu & Kashmir: -
- 11 Jharkhand: Form 28B
- 12 Karnataka: -
- 13 Kerala: -
- 14 Madhya Pradesh: Form 88/89
- 15 Maharashtra: -
- 16 Manipur: Form 27
- 17 Meghalaya: Form 14
- 18 Mizoram: Form 33
- 19 Nagaland: Form 16
- 20 Orissa: Form 28
- 21 Punjab: -
- 22 Rajasthan: Form 18
- 23 Sikkim: Form 20
- 24 Tamil Nadu: -
- 25 Tripura: Form 26
- 26 Uttar Pradesh: Form 32
- 27 Uttaranchal: Form 17
- 28 West Bengal: Form 50

SPECIAL INSTRUCTIONS - TO RC HOLDERS

1. Rate Contract holders are advised that before entertaining the supply order(s) they should ensure the availability of following certificates from DDOs.

- a) They are Central Government Department drawing funds from Consolidated Fund of India.
- b) The expenditure involved for the purchase has received the sanction of the competent financial authority.
- c) The funds are available under the proper head in the sanctioned budget allotment for the year.
- d) They have been fully authorized by the Department to sign the supply order and incur the liability in respect of the stores being ordered.


(Shashi K. Sud)
ASSISTANT DIRECTOR (S)
For and on behalf of the purchaser named in the form DGS&D-1001

ANNEXURE

- A. Suppliers shall furnish complete & satisfactory type test certificate except Environmental test for each rating with highest VAH, however, the Environment test certificates only for the highest rating with highest VAH to the Director (QA) concerned at the time of inspection of first lot. TTC shall be from Govt. laboratory. Suppliers, who have already got type test certificates for the existing ratings, would not be required to obtain fresh type test certificates for the same ratings. For CE or UL certified Line Interactive UPS, supplier shall be in possession of CE or UL certificate for each item
- B. The firm shall registered for the subject stores in the name of Line Interactive UPS. The type test report for the highest rating of the UPS will be acceptable only for the purpose of grant of registration.
- C. Specification for Line Interactive UPS with AVR for Computers and general purpose
1. General
 - (a) UPS shall be free from workmanship defects, sharp edges, nicks, scratches, burs, etc. All fasteners shall be fixed properly. The equipment shall be complete with all parts and all parts shall be functional.
 - (b) Enclosures shall conform to protection requirement of IP2L1 to IS13947 (Part 1)/1993 (reaffirmed 2004).
 - (c) Switching device shall be MOSFET or IGBT and the same shall be declared in the offer by the tenderers.
 - (d) Switching frequency shall be above 50 Hz and shall be declared in the offer.
 2. Switching over time from AC mains to UPS mode on power failure should be 10 milliseconds maximum.
 3. Input : 160 to 280V, 50 +/- 3 Hz Single Phase AC.
 4. Output :
 - (a) AVR output voltage in AC mode : 230 Volts +/- 9%, 50 +/- 3 Hz.
 - (b) UPS output voltage in battery mode : 230 Volts +/-10%, 50 +/-0.5 Hz.at Load power factor of not less than 0.6 lag.
 5. Total Harmonics distortion:
40% maximum to be measured in DC mode.
 6. Efficiency (at rated output voltage and frequency)
Inverter efficiency : Minimum 70%
 7. Regulation:
Total variation of voltage from no load to full load shall not exceed 10% and at no point the output voltage should go beyond the permissible band of 230 Volts +/-9%
 8. Overload :
UPS shall withstand 10% overload for at least 10 minutes in mains mode.
 9. Protections :
 - (a) Input voltage goes outside the range 160 to 280 Volts the system shall switch over to battery mode.

(b) Over voltage , short circuit , and overload at UPS output terminals.

(c) Protection against over discharge(The load shall be cut-off as soon as voltage of battery terminals falls below 10.5 V for 12 Volts and 21V for 24

Volts

battery system.

10. Indicators and meters :

Following indicators shall be provided:

- (i) Mains mode.
- (ii) UPS mode
- (iii) Battery Low

11. Battery Bank :

(a) The batteries shall be of 12 Volts Sealed Lead Acid Valve Regulated Type (VRLA) as per JISC:8707/1992 or to JISC:8702/1998 & the supplier shall submit compliance certificate to the governing specification from OEM to the concerned D(QA) at the time of inspection .

(b) Suppliers shall declare battery AH Capacity, battery voltage, number of batteries of each rating, make and model of batteries offered with each item of UPS corresponding to the specified minimum VAH rating of battery bank.

(c) In case the batteries are not housed inside UPS cabinet, suitable enclosure/rack to mount these batteries shall also be supplied along with the batteries.

12. Freight charges for despatch shall be per unit basis subject to the conditions

specified in terms & conditions of T/E for various distance slabs/regions/ destinations.

D. Testing requirement for UPS

1. Type tests :

Following shall constitute the type testing. And shall be carried out at least on one unit of each rating .

- (a) Visual examination
- (b) Verification of output power and frequency
- (c) verification of voltage regulation.
- (d) Verification of efficiency
- (e) Verification of total harmonics distortion.
- (f) Verification over voltage protection.
- (g) Test for insulation resistance, leakage current and high voltage as per IS: 616/2003(IEC 60065-2001) Insulation resistance should not be less than 100 mega ohms.
- (h) Test for minimum VAH capacity of the battery.
- (i) Capacity test (C20) and High Rate Discharge shall also be carried out at the time of first inspection for each rating , make and model of battery at the firm's premises.

2. Environmental tests:

Following environmental tests shall be carried out. During the last 1/2 an hour of each environmental test functional tests, as at SL.No. 1,2 and 3 above shall be carried out and result should be satisfactory. Further after each environmental test the functional performance mentioned at SL.No. (a) to (f) shall be checked after recovery period of 1 hour and test results shall be satisfactory.

(a) Burn-in Test : At a temperature of 45 degree C for 48 hours with

- power on and at full load.
- (b) Dry Heat Test : At 45 degree C for 16 hrs in accordance with IS: 9000 (Part 3/Sec.5)/1997 (reaffirmed 2004) .
 - (c) Damp Heat Test : At 40 degree C, RH 95% for two cycles. in accordance with IS: 9000(Part5/sec.1) 1981 (reaffirmed 2004)
 - (d) Cold Test : At 0 degree C for 2 hrs. in accordance with IS: 9000 (part2/sec.4)1997 (Reaffirmed 2004)

3. Acceptance tests :

Tests listed at SL.No. (a) to (h) shall constitute acceptance test and shall be carried out on all the items offered for inspection. Capacity test for the battery shall also be carried out as an acceptance test against each lot.

Q.A.Procedures:-

- 1) The firm shall furnish schematic diagram of UPS for each rating as and when they are offered first time for inspection against the rate contract .
- 2) During each visit, at least one rating of the UPS shall be tested for the verification of its capability to operate on rated KVA and rated pf for continuous 8 hours (min). During this period performance of machine should not deteriorate in respect of efficiency and voltage regulation. Selection of rating shall be such that it covers each rating offered for inspection.
- 3) The firm shall have necessary facilities to test batteries for high rate discharge and for capacity rating tests. So that batteries can be verified for HRD & capacity verification test during each inspection. Method for the capacity rating is as per JIS C 8702.Sampling may be done as per IS: 7372. Weight of each rating of battery should also be recorded in Inspection Report.
- 7) Weight of the batteries, its brand, its voltage rating , AH rating and nos of battery fitted with UPS shall be indicated in the inspection note for the verification by the consignee.
- 8) Firm shall furnish copy of the invoices for retracibility and details of the serial no. of the batteries at the time of inspection for the correlation and records purpose of the QA

Line Interactive UPS with AVR for single phase AC 160V to 280V input.

Specification :

Line Interactive UPS with AVR and PWM technology for computers suitable for single phase AC input voltage range 160V to 280V, 50 +/-3 Hz and single phase AC output voltage 230V +/-9%, 50+/-0.5 Hz in AC mode.It shall be housed in rugged enclosure made of M.S. sheet of 1 mm (minimum) thick aesthetically finished, duly pretreated and powder coated or ABS body.

LIST OF ALL AMENDMENTS

For RC No. L.I.UPS/IT-4/RC-D3010000/0711/84/03350/1496

NOTE: No Amendments issued till date 15-FEB-11

