

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.gov.in

Rate Contract no. ON-LINEUPS/IT-4/RC-D3070000/0810/84/NA349/1299
Dated 15-DEC-09

To,

IGATECH INDUSTRIAL ELECTRONICS PVT LTD
XII/230,Morarji Road, Vazhakkala, Kakkanad(W).P.O,Cochin
cochin

Sub: Rate Contract for supply of On-Line UPS For IT Applications
Validity: From 15-DEC-09 To 30-NOV-10 .

Ref:(1) This Office Tender Enquiry No. ON-LINEUPS/IT-4/RC-D3070000/0810/84
Opened on 07-JUL-09.
(2) Your Quotation No. ON-LINEUPS/IT-4/RC-D3070000/0810/84 And Dated
07-JUL-09.

Dear Sir,

You are hereby informed that your above refered 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.

SCHEDULE - A

1. Rate Contract No.: -ON-LINEUPS/IT-4/RC-D3070000/0810/84/NA349/1299
Dated 15-DEC-09 For the Supply of On-Line UPS For IT Applications

2. Advance Rate Contract No.: - Nil
Dated

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

IGATECH INDUSTRIAL ELECTRONICS PVT LTD
XII/230, Morarji Road, Vazhakkala,
Kakkanad(W).P.O, Cochin
cochin
KERALA - 682030
Tel. No. - 0484-2428859
Fax - 0484-2428828
Email - igatech@vsnl.net

(b) Name and Full Address of Manufacturer :-

IGATECH INDUSTRIAL ELECTRONICS PVT. LTD.
XII / 230, Morarji Road, Vazhakkala, Kakkanad (W)
Cochin- 682030

(c) Brand:

4. Validity of Rate Contract: 15-DEC-09 To 30-NOV-10

5. Description of Item, Specification, Unit, Rate

Item No.	Model No.	Store Description	Unit	Rate (in Rs.)
17	IGA TECH	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted Type	Rating of UPS: 10 KVA, Indicative Back-Up time: NOS. 30 minutes	122995 Rs. ONE LAKHS TWENTY-TWO THOUSAND NINE HUNDRED NINETY-FIVE ONLY
21	IGA TECH	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted Type	Rating of UPS: 15 KVA, Indicative Back-Up time: NOS. 30 minutes	170215 Rs. ONE LAKHS SEVENTY THOUSAND TWO HUNDRED FIFTEEN ONLY

25	IGA TECH	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted Type	Rating of UPS: 20 KVA, Indicative Back-Up time: NOS. 30 minutes		188174 Rs. ONE LAKHS EIGHTY- EIGHT THOUSAN D ONE HUNDRED SEVENTY- FOUR ONLY
29	IGA TECH	On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted Type	Rating of UPS: 30 KVA, Indicative Back-Up time: NOS. 30 minutes		258207 Rs. TWO LAKHS FIFTY- EIGHT THOUSAN D TWO HUNDRED SEVEN ONLY
33	IGA TECH	Optional Items for On-Line UPS	Type: RS 232 Serial Port with Software for Computer Interface.	NOS.	440 Rs. FOUR HUNDRED FORTY ONLY
34	IGA TECH	On-Line UPS with isolation transformer suitable for single phase AC input & single phase AC output, Floor Mounted Type	Rating of UPS: 1.0KVA, Indicative Back-up time: NOS. 30 Minutes		21140 Rs. TWENTY- ONE THOUSAN D ONE HUNDRED FORTY ONLY
35	IGA TECH	On-Line UPS with isolation transformer suitable for single phase AC input & single phase AC output, Floor Mounted Type	Rating of UPS: 1.0KVA, Indicative Back-up time: NOS. 60Minutes		25000 Rs. TWENTY- FIVE THOUSAN D ONLY
36	IGA TECH	On-Line UPS with isolation transformer suitable for single phase AC input & single phase AC output, Floor Mounted Type	Rating of UPS: 1.0KVA, Indicative Back-up time: NOS. 120 Minutes		34900 Rs. THIRTY- FOUR THOUSAN D NINE HUNDRED ONLY
37	IGA TECH	On-Line UPS with isolation transformer suitable for single phase	Rating of UPS: 1.0KVA, Indicative Back-up time: NOS. 240 Minutes		50020 Rs. FIFTY THOUSAN

		AC input & single phase AC output, Floor Mounted Type		D TWENTY ONLY
38	IGA TECH	On-Line UPS with isolation transformer suitable for single phase AC input & single phase AC output, Floor Mounted Type	Rating of UPS: 2.0 KVA, Indicative Back-up time: NOS. 30 Minutes	34500 Rs. THIRTY- FOUR THOUSAN D FIVE HUNDRED ONLY
39	IGA TECH	On-Line UPS with isolation transformer suitable for single phase AC input & single phase AC output, Floor Mounted Type	Rating of UPS: 2.0 KVA, Indicative Back-up time: NOS. 60 Minutes	43420 Rs. FORTY- THREE THOUSAN D FOUR HUNDRED TWENTY ONLY
40	IGA TECH	On-Line UPS with isolation transformer suitable for single phase AC input & single phase AC output, Floor Mounted Type	Rating of UPS: 2.0 KVA, Indicative Back-up time: NOS. 120 Minutes	59000 Rs. FIFTY- NINE THOUSAN D ONLY
41	IGA TECH	On-Line UPS with isolation transformer suitable for single phase AC input & single phase AC output, Floor Mounted Type	Rating of UPS: 2.0 KVA, Indicative Back-up time: NOS. 240 Minutes	96900 Rs. NINETY- SIX THOUSAN D NINE HUNDRED ONLY
42	IGA TECH	On-Line UPS with isolation transformer suitable for single phase AC input & single phase AC output, Floor Mounted Type	Rating of UPS: 3.0 KVA, Indicative Back-up time: NOS. 30 Minutes	42290 Rs. FORTY- TWO THOUSAN D TWO HUNDRED NINETY ONLY
43	IGA TECH	On-Line UPS with isolation transformer suitable for single phase AC input & single phase AC output, Floor Mounted Type	Rating of UPS: 3.0 KVA, Indicative Back-up time: NOS. 60 Minutes	56500 Rs. FIFTY- SIX THOUSAN D FIVE HUNDRED ONLY
44	IGA TECH	On-Line UPS with isolation transformer suitable for single phase AC input & single phase	Rating of UPS: 3.0 KVA, Indicative Back-up time: NOS. 120 Minutes	80380 Rs. EIGHTY THOUSAN D THREE

		AC output, Floor Mounted Type			HUNDRED EIGHTY ONLY
46	IGA TECH	On-Line UPS with isolation transformer suitable for single phase AC input & single phase AC output, Floor Mounted Type	Rating of UPS: 5.0 KVA, Indicative Back-up time: NOS. 30 Minutes		65000 Rs. SIXTY-FIVE THOUSAND ONLY
47	IGA TECH	On-Line UPS with isolation transformer suitable for single phase AC input & single phase AC output, Floor Mounted Type	Rating of UPS: 5.0 KVA, Indicative Back-up time: NOS. 60 Minutes		83000 Rs. EIGHTY-THREE THOUSAND ONLY
48	IGA TECH	On-Line UPS with isolation transformer suitable for single phase AC input & single phase AC output, Floor Mounted Type	Rating of UPS: 5.0 KVA, Indicative Back-up time: NOS. 120 Minutes		125500 Rs. ONE LAKHS TWENTY-FIVE THOUSAND FIVE HUNDRED ONLY
64	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: Upto 6400 VAH, Distance Slabs/ REgions/ Destinations: 50 KMS Free	NOS.	0 Rs. ZERO ONLY
65	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: Upto 6400 VAH, Distance Slabs/ REgions/ Destinations: 51 to 250 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
66	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: Upto 6400 VAH, Distance Slabs/ REgions/ Destinations: 251 to 500 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
67	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: Upto 6400 VAH, Distance Slabs/ REgions/ Destinations: 501 to 1000 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
68	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: Upto 6400 VAH, Distance Slabs/ REgions/ Destinations: More than 1000 KMS.	NOS.	100 Rs. ONE HUNDRED ONLY
71	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: More than 6400 VAH and upto 12800 VAH, Distance Slabs/ REgions/ Destinations: 50 KMS Free	NOS.	0 Rs. ZERO ONLY
72	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: More than 6400 VAH and upto 12800 VAH, Distance Slabs/ REgions/ Destinations: 51 to 250 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
73				NOS.	100

	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: More than 6400 VAH and upto 12800 VAH,Distance Slabs/ REgions/ Destinations: 251 to 500 KMS		Rs. ONE HUNDRED ONLY
74	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: More than 6400 VAH and upto 12800 VAH,Distance Slabs/ REgions/ Destinations: 501 to 1000 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
75	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: More than 6400 VAH and upto 12800 VAH,Distance Slabs/ REgions/ Destinations: More than 1000 KMS.	NOS.	100 Rs. ONE HUNDRED ONLY
78	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: More than 12800 VAH and upto 32000 VAH,Distance Slabs/ REgions/ Destinations: 50 KMS Free	NOS.	0 Rs. ZERO ONLY
79	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: More than 12800 VAH and upto 32000 VAH,Distance Slabs/ REgions/ Destinations: 51 to 250 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
80	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: More than 12800 VAH and upto 32000 VAH,Distance Slabs/ REgions/ Destinations: 251 to 500 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
81	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: More than 12800 VAH and upto 32000 VAH,Distance Slabs/ REgions/ Destinations: 501 to 1000 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
82	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: More than 12800 VAH and upto 32000 VAH,Distance Slabs/ REgions/ Destinations: More than 1000 KMS.	NOS.	100 Rs. ONE HUNDRED ONLY
85	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: More than 32000 VAH and upto 48000 VAH,Distance Slabs/ REgions/ Destinations: 50 KMS Free	NOS.	0 Rs. ZERO ONLY
86	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: More than 32000 VAH and upto 48000 VAH,Distance Slabs/ REgions/ Destinations: 51 to 250 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
87	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: More than 32000 VAH and upto 48000 VAH,Distance Slabs/ REgions/ Destinations: 251 to 500 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
88	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: More than 32000 VAH and upto 48000 VAH,Distance Slabs/ REgions/ Destinations: 501 to 1000 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
89	IGA TECH	Freight Charges for On-Line UPS	Battery VAH: More than 32000 VAH and upto 48000 VAH,Distance Slabs/ REgions/ Destinations: More than 1000 KMS.	NOS.	100 Rs. ONE HUNDRED ONLY
92	IGA	Freight Charges for On-	Battery VAH: More than 48000 VAH and upto	NOS.	0

	TECH	Line UPS	96000 VAH,Distance Slabs/ REgions/ Destinations: 50 KMS Free		Rs. ZERO ONLY
93	IGA TECH	Freight Charges for On- Line UPS	Battery VAH: More than 48000 VAH and upto 96000 VAH,Distance Slabs/ REgions/ Destinations: 51 to 250 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
94	IGA TECH	Freight Charges for On- Line UPS	Battery VAH: More than 48000 VAH and upto 96000 VAH,Distance Slabs/ REgions/ Destinations: 251 to 500 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
95	IGA TECH	Freight Charges for On- Line UPS	Battery VAH: More than 48000 VAH and upto 96000 VAH,Distance Slabs/ REgions/ Destinations: 501 to 1000 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
96	IGA TECH	Freight Charges for On- Line UPS	Battery VAH: More than 48000 VAH and upto 96000 VAH,Distance Slabs/ REgions/ Destinations: More than 1000 KMS.	NOS.	100 Rs. ONE HUNDRED ONLY
99	IGA TECH	Freight Charges for On- Line UPS	Battery VAH: More than 96000 VAH,Distance Slabs/ REgions/ Destinations: 50 KMS Free	NOS.	0 Rs. ZERO ONLY
100	IGA TECH	Freight Charges for On- Line UPS	Battery VAH: More than 96000 VAH,Distance Slabs/ REgions/ Destinations: 51 to 250 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
101	IGA TECH	Freight Charges for On- Line UPS	Battery VAH: More than 96000 VAH,Distance Slabs/ REgions/ Destinations: 251 to 500 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
102	IGA TECH	Freight Charges for On- Line UPS	Battery VAH: More than 96000 VAH,Distance Slabs/ REgions/ Destinations: 501 to 1000 KMS	NOS.	100 Rs. ONE HUNDRED ONLY
103	IGA TECH	Freight Charges for On- Line UPS	Battery VAH: More than 96000 VAH,Distance Slabs/ REgions/ Destinations: More than 1000 KMS.	NOS.	100 Rs. ONE HUNDRED ONLY

6-Terms of Delivery:

The prices are for free delivery within a radius of 50 Kms.
Beyond 50 Kms, the extra freight charges per unit will be payable
as per item no. 62 to 103.

7-Excise Duty:

Inclusive @8.24%

8-Sales Tax:

Inclusive of CST/VAT @4%

9-Delivery Period:

Within 8 to 10 weeks from the date of receipt of confirmed order.

10-Annual Turnover/Monetary Limit:

Without Limit

SCHEDULE - B

RC Specification:

1. On Line 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 which ever is earlier.
2. R/C shall be governed by standard terms & conditions as contained in Form DGS&D-1001 which is procurable from DGS&D on payment of Rs. 50/-
3. Delivery shall be covered by the DGS&D standard Octroi duty / Local levies / Entry tax clause as under:

Octroi Duty / Entry Tax: Normally, materials to be supplied to government Deptt. against government 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. Wherever required, Contractor should obtain the exemption certificate from the purchase officer or indenter concerned, to avoid payment of such local taxes of duties. In case Local town/Municipal body regulations do not provide for such exemptions the octroi duty shall be payable at actual against documentary evidence of having paid such levies.

4. Supply of Road Permits/ Way bill by the indenter/consignees:

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/ Way bill 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 to DGS&D.

5. 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

6. You shall furnish complete and satisfactory Type Test Certificate (TTC) except Environmental test for each rating with highest VAH, however, the environment test certificate only for the highest rating with highest VAH of the respective schedule 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 rating, would not be required to obtain fresh type test certificate for the same rating.

7. Preparation of site along with cabling work of Input, Output Point and MCBs etc. shall be the responsibility of the Indentor/Consignee.

8. Mid term review of prices and specifications : There will be a mid term review of prices and specifications.

9. Battery for UPS shall be of the following makes:

Exide, Panasonic, Amar Raja, CSB, Global, Okaya, Rocket, Ritar, Base or DGS&D registered batteries or any other make duly Type Tested to JIS C 8702 from DGS&D approved lab.

(Shashi K. Sud)

Assistant Director (S)

For Director General of Supplies & Disposals

SCHEDULE - C

List of Parallel Rate Contract For On-Line UPS For IT Applications

Sr.No.	NAME & FULL ADDRESS OF FIRM	R/C NO & DATE
1	AARKEY INDUSTRIES Pocket C Plot no 109 Sector -2 DSIDC Bawana Industrial Area, Delhi- 110039 Mr. Virender Kumar Goel: 9868206531/ 9211305377 / 09868466737 Fax No. 011-27679551 Tele No: 011-24510342 / 27682109 Delhi DELHI 110039	ON-LINEUPS/IT-4/RC- D3070000/0810/84/OA226/1272 15-DEC-09
2	DELTA POWER SOLUTIONS (INDIA) PVT. LTD. Plot No. 11, 12, 13A, 37B, 38, 39A, Sector-5, II-E, Pantnagar Rudrapur UTTARAKHAND 263153	ON-LINEUPS/IT-4/RC- D3070000/0810/84/04889/1296 15-DEC-09
3	EMMANUEL ELECTRONICS 121, CIEM Ind. Estate, Kanchpada, Malad Mumbai MAHARASHTRA 400064	ON-LINEUPS/IT-4/RC- D3070000/0810/84/NA255/1302 15-DEC-09
4	SWITCHING AVO ELECTRO POWER LTD 230 S.N. ROY ROAD kolkata WEST BENGAL 700038	ON-LINEUPS/IT-4/RC- D3070000/0810/84/04075/1301 15-DEC-09
5	ENERTECH UPS PRIVATE LTD. S.NO.399/1-2, Plot no 5 , Bhare, P.O.Ghotawade (Near Pirangut) Tal. Mulshi, Pune- 412111 Ph: 020-22923172/09371025260 / 09822407189 Pune MAHARASHTRA 412111	ON-LINEUPS/IT-4/RC- D3070000/0810/84/02386/1300 15-DEC-09
6	PREMIER ENTERPRISES, 44-B, POCKET - B, SIDHARTH EXTENSION, NEW DELHI Mr. Subhash Sharma: 9313983602 / 9810034802 NEW DELHI DELHI 110014	ON-LINEUPS/IT-4/RC- D3070000/0810/84/03863/1291 15-DEC-09

7	HYKON POWER ELECTRONICS (P) LTD., KUTTANELLUR P.O., THRISSUR KERALA 680014	ON-LINEUPS/IT-4/RC- D3070000/0810/84/01261/1285 15-DEC-09
8	SUPRA HI-TECH ELECTRO EQUIPMENTS PVT LIMITED 32/86 A & B Supra House, Pallissery Road Ernakulam KERALA 682032	ON-LINEUPS/IT-4/RC- D3070000/0810/84/01302/1282 15-DEC-09
9	INTEGRATED POWER CONVERSION C-2,IIIRD floor,A-108,Jawahar Park Khanpur DELHI 110062	ON-LINEUPS/IT-4/RC- D3070000/0810/84/04175/1284 15-DEC-09
10	IGATECH INDUSTRIAL ELECTRONICS PVT LTD XII/230,Morarji Road, Vazhakkala, Kakkanad(W).P.O,Cochin cochin KERALA 682030	ON-LINEUPS/IT-4/RC- D3070000/0810/84/NA349/1299 15-DEC-09
11	RADETRON 27/b, malviya industrial area jaipur RAJASTHAN 302017	ON-LINEUPS/IT-4/RC- D3070000/0810/84/NA065/1294 15-DEC-09
12	P.P. POWER SOLUTION LTD., 76 SANT NAGAR,1ST FLOOR EASH OF KAILASH, NEW DELHI Ms. Kalpana Adhikari : 9818287062 / 9350264508 NEW DELHI DELHI 110065	ON-LINEUPS/IT-4/RC- D3070000/0810/84/02524/1290 15-DEC-09
13	KEPTRON ELECTRONICS TP/V/216-B, Mamala P.O. Ernakulam KERALA 682305	ON-LINEUPS/IT-4/RC- D3070000/0810/84/NA084/1283 15-DEC-09
14	DUBAS ENGINEERING (P) LTD., 43 (P), Electronic City, Phase-II, Hosur Main Road Bangalore KARNATAKA 560100	ON-LINEUPS/IT-4/RC- D3070000/0810/84/NA361/1293 15-DEC-09
15	INSTRUMENTS & EQUIPMENT CO 108, Commercial Road Ambala Cantt	ON-LINEUPS/IT-4/RC- D3070000/0810/84/03534/1307 15-DEC-09

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| 15 | HARYANA 133001 | ON-LINEUPS/IT-4/RC-
D3070000/0810/84/03534/1307
15-DEC-09 |
| 16 | DELTA ENERGY SYSTEM INDIA PRIVATE
LIMITED
Plot No. 27, Sector -34, EHTP,
Gurgaon
HARYANA 122001 | ON-LINEUPS/IT-4/RC-
D3070000/0810/84/OA272/1292
15-DEC-09 |
| 17 | AARGEE EQUIPMENTS PVT. LTD
L8,ELECTRONICS INDUSTRIAL ESTATE
HOSUR
TAMIL NADU 635109 | ON-LINEUPS/IT-4/RC-
D3070000/0810/84/NA342/1289
15-DEC-09 |
| 18 | RS POWER SYSTEMS
A-42, Jai Ambey Nagar , Tonk Road, JAIPUR-

Mob: 09414047079 / 09414310628
Ph: 0141- 2396550 / 2396545
Fax: 0141-2395860
E-mail: rspower@rspower.net

RAJASTHAN 302018 | ON-LINEUPS/IT-4/RC-
D3070000/0810/84/NA068/1281
15-DEC-09 |
| 19 | VSM ENTERPRISES PVT. LTD.
Gali No 21 Plot No 1381, Hari Singh Nalwa Street,
Karol BaghAshwani Narang 9810161148
New Delhi
DELHI 110005 | ON-LINEUPS/IT-4/RC-
D3070000/0810/84/OA115/1274
15-DEC-09 |
| 20 | AUTORONICA
403, INDUSTRIAL AREA, PHASE-2,
PANCHKULA
HARYANA 134113 | ON-LINEUPS/IT-4/RC-
D3070000/0810/84/N0028/1287
15-DEC-09 |
| 21 | TRITRONICS (INDIA) PVT. LTD.
794/1A, JOSHI ROAD, KAROL BAGH
NEW
DELHI 110005 | ON-LINEUPS/IT-4/RC-
D3070000/0810/84/02610/1280
15-DEC-09 |
| 22 | AZ ELECTRONICS
A-402, Rizvi Palace, Hill Road, Bandra (W),
Mumbai

Mr. B.K,Vaid: 09310221017 (Delhi)
Mumbai
MAHARASHTRA 400050 | ON-LINEUPS/IT-4/RC-
D3070000/0810/84/03079/1273
15-DEC-09 |
| 23 | ARC INFOTECH PRIVATE LIMITED | ON-LINEUPS/IT-4/RC- |

23	109/28 HAZRA ROAD, 1ST FLOOR KOLKATA WEST BENGAL 700026	ON-LINEUPS/IT-4/RC- D3070000/0810/84/03210/1286 15-DEC-09
24	ELEGANT ELECTRONICS PVT. LTD. A 18 Wazirpur Group Industrial Area Delhi DELHI 110052	ON-LINEUPS/IT-4/RC- D3070000/0810/84/OA041/1279 15-DEC-09
25	POWERNET SOLUTIONS PVT LTD 1754,9th Cross,18TH Main,9TH Cross J.P.Nagar 2nd Phase Bangalore -78. Bangalore KARNATAKA 560078	ON-LINEUPS/IT-4/RC- D3070000/0810/84/03915/1306 15-DEC-09
26	SAMTEK ELECTRONICS Samtek electronics F-256 pandav nagar DELHI-91 DELHI DELHI 110091	ON-LINEUPS/IT-4/RC- D3070000/0810/84/02528/1278 15-DEC-09
27	SNA AUTOMATION INC. B-80,SHIVALIK, NEAR MALVIYA NAGAR, NEW DELHI- 110017 Mr. Sanjeev Chandhoke : 09910156166 Mr. Vipin Ssharma : 09891258825 Tele : 26692165 NEW DELHI DELHI 110017	ON-LINEUPS/IT-4/RC- D3070000/0810/84/04751/1271 15-DEC-09
28	TOTAL POWER CONDITIONERS PVT LTD No. 32,2nd main, Kamakshipalya Ind. Extn. Bangalore KARNATAKA 560079	ON-LINEUPS/IT-4/RC- D3070000/0810/84/NA645/1305 15-DEC-09
29	UNILINE ENERGY SYSTEMS P LTD Uniline House, 198/23 Ramesh Market , East of Kailash, New Delhi- 65 New Delhi DELHI 110065	ON-LINEUPS/IT-4/RC- D3070000/0810/84/01716/1277 15-DEC-09
30	NATIONAL ENGINEERING WORKS 56, Foundry nagar Extension, Agra	ON-LINEUPS/IT-4/RC- D3070000/0810/84/NA386/1304 15-DEC-09

- 30 UTTAR PRADESH 282006 ON-LINEUPS/IT-4/RC-
D3070000/0810/84/NA386/1304
15-DEC-09
- 31 LUMINOUS POWER TECHNOLOGIES PVT.
LTD.
Luminous Power Technologies Pvt. C 8 & 9,
Community Centre, Behind Janak Puri New Delhi-
110058

Mr. Pradeep Kailey: 09818838607
New Delhi
DELHI 110027
- 32 LABOTEK ON-LINEUPS/IT-4/RC-
1/6 Kirti House,Kirti nagar Indl.Area D3070000/0810/84/00177/1288
New Delhi 15-DEC-09
DELHI 110015
- 33 THIRD WAVE EXIM ON-LINEUPS/IT-4/RC-
I-7, Birju Apartments, Opp. Azad Society, D3070000/0810/84/F0424/1303
Ambawadi 15-DEC-09
Ahmedabad
GUJARAT 380015
- 34 POWER ONE MICRO SYSTEMS PVT LTD ON-LINEUPS/IT-4/RC-
GF-3/F12,KSSIDC BUILDING,5TH CROSS,1ST D3070000/0810/84/01172/1275
STAGE,PEENYA INDUSTRIAL 15-DEC-09
ESTATE,BANGALORE -560058

Mob: 09811137572 (Delhi)
BANGALORE
KARNATAKA 560058
- 35 SU-KAM POWER SYSTEMS LTD. ON-LINEUPS/IT-4/RC-
:- WZ-1401/2, Nangal Raya, New Delhi - D3070000/0810/84/03496/1270
110046 15-DEC-09
Telephone No. 011-
32560709

Delhi
DELHI 110046
- 36 MILLENIUM ELECTRONICS ON-LINEUPS/IT-4/RC-
Plot No.35E, Sector-2, Parwanoo (HP)- D3070000/0810/84/04867/1297
15-DEC-09

Contact Person: Akhtar Rais: 09350271060
Parwanoo
HIMACHAL PRADESH 17220
- 37 PANKAJ POWER SOLUTIONS PVT LTD ON-LINEUPS/IT-4/RC-

37	PLOT NO - 19 - 20, SECTOR - IIDC, IIE, SIDCUL, HARIDWAR UTTARAKHAND 249403	ON-LINEUPS/IT-4/RC- D3070000/0810/84/NA590/1295 15-DEC-09
38	NPS POWER INDUSTRIES C-38, J-1 Park, Mahanagar Extn. Lucknow UTTAR PRADESH 226006	ON-LINEUPS/IT-4/RC- D3070000/0810/84/05231/1298 15-DEC-09
39	KUKREJA TRANSFORMER MFG. CO DELHI DELHI DELHI 110052	ON-LINEUPS/IT-4/RC- D3070000/0810/84/02629/1269 15-DEC-09
40	ONE UP SYSTEMS 1st FLOOR PUSHPA COMPLEX KASAULI ROAD, SECTOR-2 PARWANOO HIMACHAL PRADESH 17220	ON-LINEUPS/IT-4/RC- D3070000/0810/84/NA086/1268 15-DEC-09
41	DELTRON CONTROL SYSTEMS 265,G.Floor,Sant Nagar, East of Kailash New Delhi DELHI 110065	ON-LINEUPS/IT-4/RC- D3070000/0810/84/N0029/1260 20-NOV-09
42	DIGITEK Arunalok Apartment Gr floor 100, Garia Main Road. Kolkata - 700103. Kolkata WEST BENGAL 700103	ON-LINEUPS/IT-4/RC- D3070000/0810/84/03730/1261 20-NOV-09
43	AXIS POWERTRONICS PRIVATE LIMITED RH - 4/8, GURUDEV HOUSING SOCIETY,BAJAJ NAGAR(WALUJ), Aurangabad- 431136 Maharashtra Mr. S.P.Gupta : Mob. 9371422708 / 09313830767 URL : www.axisonlineups.com E-mail: axispower90@indiatimes.com MAHARASHTRA 431133	ON-LINEUPS/IT-4/RC- D3070000/0810/84/NA260/1265 20-NOV-09
44	ELECTRONICS & CONTROLS POWER SYSTEMS PVT. LTD. N0.29-A, 2nd phase,Peenya Industrial Area, Bangalore Mr. Pankaj Kumar: 09650495865	ON-LINEUPS/IT-4/RC- D3070000/0810/84/01088/1259 20-NOV-09

44	KARNATAKA 560058	ON-LINEUPS/IT-4/RC- D3070000/0810/84/01088/1259 20-NOV-09
45	TECHSER POWER SOLUTIONS(P)LTD. Techser Power Solutions (P) Ltd, # 42, Ramachandrapura, Jalahalli Bangalore KARNATAKA 560013	ON-LINEUPS/IT-4/RC- D3070000/0810/84/03078/1262 20-NOV-09
46	NUMERIC POWER SYSTEMS LIMITED No.33/1,Sedarapet Industrial Estate, Sedarapet, Pondicherry - 605 111 Pondicherry PONDICHERRY 605111	ON-LINEUPS/IT-4/RC- D3070000/0810/84/00324/1264 20-NOV-09
47	BHAWANI DIGITAL SYSTEMS PVT LTD 38, Blue Rose Indl. Estate, Next to Jaya Petrol pump, Borivali(E),Mumbai Ph: 022-28541166 / 28543968 Fax: 022-28544035 Ph: 033-22427401 - 02 MAHARASHTRA 400066	ON-LINEUPS/IT-4/RC- D3070000/0810/84/01561/1263 20-NOV-09

NOTE:

(1) Before placing supply order, DDOs are advised to check with DGS&D or on the website whether any further RCs have been awarded or amendments to Rate Contract have been issued.

(2) All the R/C particulars including prices in respect of individual R/C's are available on DGS&D website, which can be accessed by all. The access code of DGS&D website is <http://dgsnd.gov.in>.

ANNEXURE

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 1998).
- c. By-pass facility shall be provided for maintenance of UPS.
- d. UPS shall supply output power and charging current at the same time.
- e. Switching device shall be MOSFET or IGBT and the same shall be confirm in the offer.
- f. Switching frequency shall be above 10 KHz and shall be declared in the offer.
- g. KW rating of the UPS shall be 0.70 times the KVA rating.

2. Input (as applicable)

- a. 160V-260V, 50 +/-3% Hz single phase AC or
- b. 300V-450V, 50 +/-3%Hz three phase AC

3. Output (as applicable)

- a. 230V +/-1% (with alternative setting for 220V +/-1%) 50 +/-0.5Hz, single phase.
- b. 400V +/-1% (with alternative setting for 380V +/-1%) 50 +/-0.5Hz three phase. Voltage regulation from no load to full load shall be within +/-1% in both the cases. UPS shall also have facility for operation in synchronous mode in which output frequency shall be same as that of mains frequency.

4. Total harmonics distortion at output : 2% maximum for UPS up to 5KVA and 3% maximum for UPS above 5 KVA on resistive load. If total input harmonics are less than or equal to 10%.

5. Efficiency (at rated output voltage and frequency)

- a. Overall efficiency (minimum) : 90%

6. UPS power factor at rated load : better than 0.9 lagging.

7. Over load : UPS shall withstand 20% overload for 10 minutes and 50% over load for one minute.

8. Protections :

Following protection shall be provided in UPS:

- a. Over voltage, short circuit, and overload at UPS output terminal.
- b. Under voltage at battery terminal.
- c. Over shoot and under shoot shall not be greater than 4% of rated voltage for duration of 40m sec. (maximum)

9. Indicators and meters

- a. Following indicators shall be provided:-

- (i) Mains presence.
- (ii) Battery charging and discharging
- (iii) Output overload
- (iv) Low battery voltage.

b. Digital meter shall be provided for monitoring the following parameters in UPS(not applicable for rack mounting):

- (i) Input AC voltage.
- (ii) Output AC Voltage, current and frequency
- (iii) Battery voltage and current.

10. Battery bank:

- a. UPS shall be supplied with SMF VRLA battery only.
- b. Tenderers shall declare battery AH capacity, battery voltage, number of batteries of each rating, make and model of batteries offered with each item of UPS.
- c. Batteries for UPS shall be of the following makes:-
Exide, Panasonic, Amar Raja, Global, Rocket ,Base, RITAR make & DGS&D registered batteries or any other make duly type tested to JIS C 8702 from DGS&D approved lab.
- d. The UPS shall be complete with Trolley for battery bank and the firms shall also connect the batteries with UPS and commission the same.
- e. Minimum VAH rating of battery bank for different duration of back up time shall be as detailed below:

UPS rating in KVA	Min.VAH 30 minute back up	Min. VAH 60 minute back up	Min VAH 120 minute back up	Min. VAH 240 minute back up
0.5 KVA	400	800	1600	3200
1 KVA	800	1600	3200	6400
2 KVA	1600	3200	6400	12800
3 KVA	2400	4800	9600	19200
5 KVA	4000	8000	16000	32000
6 KVA	4800	9600	19200	38400
7.5 KVA	6000	12000	24000	48000
10 KVA	8000	16000	32000	64000
15 KVA	12000	24000	48000	96000
20 KVA	16000	32000	64000	128000
30 KVA	24000	48000	96000	192000

16. Testing requirement for UPS:

- a. Type Tests : Following shall constitute type test and at least one sample shall be type tested for each rating with maximum backup time. Type testing shall be conducted either at an independent govt. lab or at the premises of the manufacturer in presence of an officer from concerned Directorate of Quality Assurance.
 - (i) Visual examination.
 - (ii) Verification of output power and frequency.
 - (iii) Verification of voltage regulation.
 - (iv) Verification of efficiency.
 - (v) Verification of total harmonics distortion.
 - (vi) Verification of overshoot, undershoot limits and over voltage protection.
 - (vii) Test for insulation resistance, leakage current high voltage as per IS:616/86 (reaffirmed in 1991. Insulation resistance should not be less than 100 mega ohms.
 - (viii) Verification of VAH as per Rate Contract.
 - (ix) Environmental tests: Following environmental tests shall be carried

out on the highest rating. Tests at SL. No. i to iii above shall be repeated during the last half an hour of each environmental condition.

Tests at Sl. No. i to vi shall be repeated after completing the environmental tests sequence of the three conditions and recovery period of 1 to 2 hours. There shall be no deterioration in any of these parameters when compared to the test results obtained before environmental tests

(A) Dry Heat Test : shall be carried out in accordance with IS:9000 (part 3/sec.5)1977 (reaffirmed 2004) at 55 degree C for 16 hrs.

(B) Damp Heat : shall be carried out at upper Temperature of 40 degree C, two cycles of (12+12 hours) each in accordance with IS:9000 (part 5/sec.2)1981 (reaffirmed 2004).

(C) Cold Test : shall be carried out in accordance with IS:9000 (Part 2/Sec.4)1977 (Reaffirmed 2004) at -10 degree C for 4 hrs.

b. Acceptance Tests : Tests listed at Sl. No.i to viii shall constitute acceptance test. Acceptance test shall be carried out on all the items offered for inspection.

On-Line UPS with isolation transformer suitable for Three Phase AC Input and Single Phase AC Output, Floor Mounted Type

Specification :

On-line UPS with isolation transformer & with PWM technology, floor mounted type suitable for three-phase AC input voltage 300V to 450V, 50 +/-1.5 Hz and single phase AC output voltage 230 +/-1%V, 50 +/-0.5Hz. It shall be housed in rugged enclosure made of M.S sheet 1.2 mm (minimum) thick, aesthetically finished, duly pretreated and powder coated.

Optional Items for On-Line UPS

Specification :

UPS shall be provided with serial communication port RS232 for computer interface for data exchange of electrical parameters of UPS like voltage, current frequency, charging status, mode of operation etc.

On-Line UPS with isolation transformer suitable for single phase AC input & single phase AC output, Floor Mounted Type

Specification :

On-line UPS with isolation transformer & with PWM Technology, Floor mounted type suitable for single phase AC input voltage 160V to 260V, 50 +/-1.5Hz and single phase AC output voltage 230 +/-1%V, 50 +/-0.5Hz. It shall be housed in a rugged enclosure made of M.S Sheet 1.2 mm (minimum) thick ,aesthetically finished, duly pretreated and powder coated .

Freight Charges for On-Line UPS

Specification :-

Freight charges for the supply of On line UPS as per the distance slab.

[Click for Questionnaire's Answer](#)

LIST OF ALL AMENDMENTS

For RC No. ON-LINEUPS/IT-4/RC-D3070000/0810/84/NA349/1299

NOTE: No Amendments issued till date 11-JAN-10