

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:
Gurinder Pal Singh
Email Id:
gpsingh_bhatia@yahoo.co.in

Rate Contract no. Servers/IT-1/RC-710A0000/0311/81/01257/3247
Dated 12-MAR-10

To,

ACER INDIA (PVT) LIMITED
B-28, Ground Floor, Okhla Industrial Area Phase -I, New Delhi- 110020

Email: anil_upadhyay@acer.co.in
Mob: 09899087072

Sub: Rate Contract for supply of Servers
Validity: From 12-MAR-10 To 31-MAR-11 .

Ref:(1) This Office Tender Enquiry No. Servers/IT-1/RC-710A0000/0311/81
Opened on 15-JAN-10.

(2) Your Quotation No. Acer/Server And Dated
13-JAN-10.

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.

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

SCHEDULE - A

1. Rate Contract No.: -Servers/IT-1/RC-710A0000/0311/81/01257/3247
Dated 12-MAR-10 For the Supply of Servers

2. Advance Rate Contract No.: - Nil
Dated

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

ACER INDIA (PVT) LIMITED
B-28, Ground Floor, Okhla Industrial Area Phase -I, New
Delhi- 110020

Email: anil_upadhyay@acer.co.in
Mob: 09899087072

DELHI - 110020
Tel. No. - 40568000
Fax - 40568030
Email - sanjay_dewan@acer.co.in

(b) Name and Full Address of Manufacturer :-

ACER INDIA (PVT) Ltd.
RS No. 132/4, Ramanathapuram Village
Villianur, Commune, Pondicherry- 605502

(c) Brand: ACER

4. Validity of Rate Contract: 12-MAR-10 To 31-MAR-11

5. Description of Item, Specification, Unit, Rate

| Item No. | Model No. | Store Description | Processor: Configuration: | Unit | Rate (in Rs.) |
|----------|--------------------|------------------------|---|------|--|
| 1 | Acer Altos G330Mk2 | Server, One Processor | Processor: Intel Xeon Quad Core, Configuration: Tower | NOS. | 36822 Rs. THIRTY-SIX THOUSAN D EIGHT HUNDRED TWENTY- TWO ONLY |
| 5 | Acer Altos G540M2 | Server, Two Processors | Processor: Intel Xeon Dual Core, Configuration: Tower | NOS. | 99806 Rs. NINETY- NINE THOUSAN D EIGHT HUNDRED |

| | | | | | |
|----|----------------------|--------------------------|---|------|---|
| 13 | Acer/OEM Approved | Add on Items for Servers | Item: 146GB 15K rpm HDD SAS | NOS. | SIX ONLY 9475 Rs. NINE THOUSAN D FOUR HUNDRED SEVENTY- FIVE ONLY |
| 14 | Acer/OEM Approved | Add on Items for Servers | Item: 72GB 10K rpm HDD SAS | NOS. | 7081 Rs. SEVEN THOUSAN D EIGHTY- ONE ONLY |
| 24 | Acer/OEM Approved | Add on Items for Servers | Item: 1GB Unbuffered 533/667 DDR2 DIMM With ECC for 1P Quad Core Xeon | NOS. | 1638 Rs. ONE THOUSAN D SIX HUNDRED THIRTY- EIGHT ONLY |
| 25 | Acer/OEM Approved | Add on Items for Servers | Item: 2GB Unbuffered 533/667 DDR2 DIMM With ECC for 1P Quad Core Xeon | NOS. | 3145 Rs. THREE THOUSAN D ONE HUNDRED FORTY- FIVE ONLY |
| 26 | Acer/OEM Approved | Add on Items for Servers | Item: 1GB DDR2 533/667 Registered FBDIMM With ECC for 2P/4P Quad Core X | NOS. | 2180 Rs. TWO THOUSAN D ONE HUNDRED EIGHTY ONLY |
| 27 | Acer/OEM Approved | Add on Items for Servers | Item: 2GB DDR2 533/667 Registered FBDIMM With ECC for 2P/4P Quad Core Xeon | NOS. | 3500 Rs. THREE THOUSAN D FIVE HUNDRED ONLY |

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|------------------------------------|--|
| 6-Terms of Delivery: | Free delivery at site including freight & forwarding Insurance as per DGS&D Standard transit insurance clause. |
| 7-Excise Duty: | Inclusive @8.24% |
| 8-Sales Tax: | CST/VAT Extra @4% |
| 9-Delivery Period: | 10 - 12 weeks from the date of receipt of technically and commercially clear order |
| 10-Annual Turnover/Monetary Limit: | Without Limit |

| | |
|--|--|
| 11-Payment Terms: | As per Schedule B |
| 12-Slab Discount Clause: | Nil |
| 13-Prices: | FIXED |
| 14-Quantity Offered: | N.A. |
| 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: | LSI |
| 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 Office of the Director Quality Assurance, 4th floor, Shastri Bhavan, 26, Haddows Road, Chennai TAMIL NADU -600006 |
| 21-Place where the Stores are to be Tendered for Inspection: | M/s. Acer India Pvt. Ltd. RS No. 132/4, Ramanathapuram Village, Villianur, Commune, Pondicherry- 605502 |
| 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>

SCHEDULE - B

RC Specification:A.Special Conditions of contract

1. Supply Orders to be placed at : ACER INDIA PVT LTD. B-28, Okhla Industrial Area, Phase-I, New Delhi-110020,

1b. All the in-lieu, Add-on Products should be placed alongwith ACER Server.

1c. Terms of delivery: The stores will be delivered by the firms on free delivery at consignee's end.

2. Insurance: As per DGS&D standard Transit Insurance Clause, it will be responsibility of supplier for safe arrival of stores in full and good conditions at consignee's place and purchaser will not pay separately for transit insurance.

3. Warranty Terms: All Servers will be covered by onsite warranty for a period of 3 years from the date of commissioning.

4. The suppliers shall develop and maintain a computerized system for on-line monitoring of complaints relating to delay in supplies and warranty support. The supplier should provide a link on their website for logging of complaints by indentor / consignees. The suppliers shall attend to the complaint within 72 hours of its logging and intimate / display the status of the same to the indentor / consignee. They will also submit the status report of complaints to DGS&D (in duplicate) on Quarterly basis duly giving a summary of the total complaints received, complaints settled and complaints outstanding with reasons thereof for review of the same by DGS&D. In case the Quarterly Reports are not submitted by the suppliers or the same are not satisfactory, DGS&D reserves the right to take administrative action including short-closure of the rate contract. The tendering firm should furnish an undertaking in their tender that they shall develop and maintain an on-line monitoring system for complaints including submission of Quarterly Reports as above and the rate contracts will be awarded only to such firms who furnish the undertaking.

5 Payment terms:

95% against inspection and provisional receipt certificate & balance 5% after installation, commissioning and final acceptance of stores by consignee and on submission of B.G. for the 5% value valid till warranty period plus 2 months.

6. Octroi Duty and Local Taxes:

Normally materials to be supplied to Govt. Departments 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 indentor concerned, to avoid payment of such local taxes or duties. Octroi, Entry tax etc. on buyers account in absence of relevant exemption certificate.

7. Supply of Road Permits / Way bill by the indentor / 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 indentor / 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 Indentor / consignee.

(b) On receipt of the above request from the supplier, the indentor / 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 indentor / consignee.

(d) All cases of abnormal delay in providing requisite details / documents by the supplier or issue of Road permit/Way bill by indentor / 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: - Not Applicable

2 Arunachal Pradesh: Form -03

3 Assam: Form - 61/62

4 Bihar:Form 28-B

5 Chhattisgarh: Form 59A

6 Goa: -Not Applicable

7 Gujarat: Form 403

8 Haryana:Form 38 if value is Rs. 25,000 or more.

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9 Himachal Pradesh: - Form -26

10 Jammu & Kashmir: - Form-65+

11 Jharkhand: Form- JVAT 504 G

12 Karnataka: - Not Applicable

13 Kerala: - Not Applicable

14 Madhya Pradesh: Form 88/89

15 Maharashtra: -Not Applicable

16 Manipur: Form 35 / 37

17 Meghalaya: Form 14

18 Mizoram: Form 33

19 Nagaland : Form 16A

20 Orissa: Form 28 / 32

21 Punjab: -Not Applicable

22 Rajasthan: Form 18A

23 Sikkam: Form 25A

24 Tamil Nadu: -Not Applicable

25 Tripura: Form 18A / 18 B

26 Uttar Pradesh: Form 31/32

27 Uttaranchal: Form 16/17

28 West Bengal: Form 50

8. Signing of Inspection Notes issued by Quality Assurance Wing of DGS&D:

Instructions to Indentors / Consignees:

Advance Payment Copy of Inspection Note for claiming 95% payment:

This is a provisional receipt. It only be tokens the receipt of stores by the consignee and is without prejudice to his rights of inspection and rejection under the general condition to contact. It is issued on said to contain basis the Contractor remaining responsible for proving the total quantities actually delivered. Consignee mentioned in the Inspection Notes should sign (in INK) & put his official rubber stamp on the Advance Payment Copy of Inspection Notes IMMEDIATELY on the receipt of the material and handover the same to the company's authorized representative. Where this is not possible or inconvenient, it should be signed (in INK) by an official authorized by the consignee in that behalf. In such cases, the official signing the receipt certificate should indicate his designation and the official on whose behalf he is signing; and put his official rubber stamp. Balance payment & Accounts Copy of Inspection Note for claiming 5% balance payment.

(i) Within 90 days from the date of material received, Consignee mentioned in the Inspection Notes should sign (in INK) & put his official rubber stamp on the Balance & Accounts office copy of Inspection Notes and should fill up the columns of Receipt Voucher No.

(ii) In cases where the supply is incomplete or defective or the supplier do not carry out commissioning/demonstration of the stores within the period as per (i) above, the consignee shall report such cases immediately to the supplier and DGS&D.

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(iii) In cases where the consignees do not release copy 2 and 5 of I/Notes within the period as (i) above for the reasons which are considered not valid by the supplier, they may approach DGS&D with complete details for authorization of balance payment without copy 2 and 5 of I/Notes and the same shall be considered by DGS&D on merits of each case.

9. Pre-inspected Stock: In order to meet the urgent requirement of indentors, you may maintain pre-inspected stocks for ready despatch against individual supply orders. In case, however, you fail to despatch the stores within 60 days of inspection, the same shall have to be pre-inspected before despatch.

10. Mid term review of prices and specifications : There will be a mid term review of prices and specifications. For supplies made from the pre-inspected stocks, Inspection Notes are to be obtained from the Quality Assurance Officer in each case. Despatches / Deliveries of pre-inspected stocks which are duly accepted need not, however, await release of Inspection Notes and may be effected before Inspection Notes are actually released.

All other terms and conditions shall be as per standard conditions contained in Form DGS&D-1001.

Schedule -D

Special Instructions to R/C Holders:

Rate Contact Holders are advised that before entertaining the supply order they should ensure the availability of following certificates from DDOs.

- a). That 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 authorised by the Department to sign the supply order and incur the liability in respect of the stores being ordered.

(G.P.SINGH)

Assistant Director of Supplies

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

SCHEDULE - C

List of Parallel Rate Contract For Servers

| Sr.No. | NAME & FULL ADDRESS OF FIRM | R/C NO & DATE |
|--------|--|--|
| 1 | HCL INFOSYSTEMS LTD. G- 8,9,10, SECTOR-3, NOIDA-201301 Mr. Sandip Kr. Shrivastava- 9811199308, Email- kumar.sandip@hcl.in, Mr. Manichandra Singh: 9810941182, 0120- 2522363, mail: manichandra@hcl.in UTTAR PRADESH 201301 | Servers/IT-1/RC- 710A0000/0311/81/02519/3204 16-FEB-10 |
| 2 | DATAMINI TECHNOLOGIES INDIA LIMITES Unit No. 101/104, SDF IV, SEEPZ, Andheri (East) MUMBAI MAHARASHTRA 400096 | Servers/IT-1/RC- 710A0000/0311/81/01204/3200 16-FEB-10 |
| 3 | LANDMARK INFONET PVT. LTD. D-408, Palam Extension, Near Ram Phal Chowk, Sector-7, Dwarka, New Delhi-75 Mr. Satpal Balhara:09811626300 / 09871101143 / 09958899999 DELHI 110019 | Servers/IT-1/RC- 710A0000/0311/81/OA205/3201 16-FEB-10 |
| 4 | WIPRO LTD. INFOTECH GROUP Infotech Division, Plot No.480-481,Udyog Vihar Phase III, Gurgaon 122016 Kind Attn. Mr. Ravi Sharma- 9810590818 HARYANA 122016 | Servers/IT-1/RC- 710A0000/0311/81/04772/3202 16-FEB-10 |
| 5 | SAI INFOSYSTEM (INDIA) PVT. LTD. SAI INFOSYSTEM (INDIA) LIMITED SAI CARE, SUPER PLAZA, SANDESH PRESS ROAD, BODAKDEV AHMEDABAD GUJARAT 380054 | Servers/IT-1/RC- 710A0000/0311/81/OA203/3203 16-FEB-10 |
| 6 | KBS COMPUTERS PVT LTD KBS HOUSE, PLOT NO EL118, MIDC, MAHAPE NAVI MUMBAI- 400710 Manish: 09820808480 Manoj: 09820055773 Fax: 022-27680005 / 61366036 | Servers/IT-1/RC- 710A0000/0311/81/01542/3225 04-MAR-10 |

| | | |
|----|---|--|
| 6 | Tele: 022-61366060/27687777 MAHARASHTRA 400710 | Servers/IT-1/RC- 710A0000/0311/81/01542/3225 04-MAR-10 |
| 7 | RASHI PERIPHERALS PVT.LTD. Rashi Peripherals Pvt. Ltd. 102, Dhanthak Plaza, Makwana Road, Marol,Andheri(E) Mumbai MAHARASHTRA 400059 | Servers/IT-1/RC- 710A0000/0311/81/04152/3227 05-MAR-10 |
| 8 | PROGRESSIVE INFOTECH PRIVATE LIMITED 6317, Pocket 6&7, Sector-C, Vasant Kunj, New Delhi- 70 Mr. Sanjeev Bakshi- 9811838274 Tele No. 0120-4393917, Fax No. 0120-4393922, mail- procare.dgsnd@progressive.in DELHI 110070 | Servers/IT-1/RC- 710A0000/0311/81/03851/3221 27-FEB-10 |
| 9 | PCS TECHNOLOGY LIMITED 75,AMRIT NAGAR,N.D.S.E PART-I New Delhi DELHI 110003 | Servers/IT-1/RC- 710A0000/0311/81/00771/3222 27-FEB-10 |
| 10 | QI NETWORK ENTERPRISE PVT LTD 430-431, Somdutt Chamber - II, 9 Bhikaji Cama Place New Delhi DELHI 110066 | Servers/IT-1/RC- 710A0000/0311/81/F0523/3223 27-FEB-10 |
| 11 | ACER INDIA (PVT) LIMITED B-28, Ground Floor, Okhla Industrial Area Phase -I, New Delhi- 110020 Email: anil_upadhyay@acer.co.in Mob: 09899087072 DELHI 110020 | Servers/IT-1/RC- 710A0000/0311/81/01257/3247 12-MAR-10 |

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) Supplier shall have to furnish the detailed OEM type test report indicating all the features as per the R/C specifications for all the products at the time of registration & inspection to the concerned D(QA).

Server, Two Processors

A. Server Intel Xeon Two Processor Quad Core Tower configuration

- (a) CPU : Intel Xeon E 5504, 2.0 GHz ,4MB L3 Cache 800 MHz Qpi Bus
(to be supplied with one processor quad core as standard)
- (b) Chipset : Intel 5500 or better on Intel or equivalent OEM
Motherboard.
- (c) Slots : 5PCI/PCI Express
- (d) Memory : 2x1GB 1067/1333 MHz DDR3 RAM Expandable to 24GB.
- (e) Hard Disk Drive : 3 x 72 GB, 10,000 rpm SAS
- (f) RAID Controller : Minimum 3 ports SAS Controller with 128 MB cache
- (g) Monitor : 43.2 cm (17") TFT/wide TFT, TCO-03 or TCO-99 Certified.
- (h) Video Controller : To support VGA or above resolution
- (i) Keyboard : 101 Keys Keyboard
- (j) Mouse : Optical Mouse
- (k) Bays : 4 Bays (Minimum 2 Internal)
- (l) Ports : 3 USB Port, 1 Serial Port
- (m) Cabinet : Tower
- (n) Certifications : Windows, Red Hat or Novell certified, Compliance & Support
- (o) DVD ROM : 8x or better DVD ROM Drive
- (p) Power Supply : Redundant Power Supply
- (q) Networking : Dual LAN (10/100/1000) Network Card with asset feature
tracking and security management, remote wake up
- (r) Power Management : Screen blanking, hard disk and system idle mode in power
on,
server set up password, power supply surge protected,automatic
reboot.

B. Server Intel Xeon Two Processor Quad Core Rack Mounted configuration

- (a) CPU : Intel Xeon E 5504, 2.0 GHz ,4MB L3 Cache 800 MHz Qpi Bus
(to be supplied with one processor quad core as standard)
- (b) Chipset : Intel 5500 or better on Intel or equivalent OEM
Motherboard.
- (c) Slots : 2 PCI/PCI Express
- (d) Memory : 2x1GB 1067/1333 MHz DDR3 RAM Expandable to 24GB.
- (e) Hard Disk Drive : 3 x 146 GB, 10,000 rpm SAS
- (f) RAID Controller : Minimum 3 ports SAS Controller with 128 MB cache
- (g) Monitor : 43.2 cm (17") TFT/wide TFT, TCO-03 or TCO-99 Certified.
- (h) Video Controller : To support VGA or above resolution
- (i) Keyboard : 101 Keys Keyboard
- (j) Mouse : Optical Mouse
- (k) Bays : Minimum 2 Internal
- (l) Ports : 3 USB Port, 1 Serial Port
- (m) Cabinet : Rack Mounted
- (n) Certifications : Windows, Red Hat or Novell certified, Compliance & Support
- (o) DVD ROM : 8x or better DVD ROM Drive
- (p) Power Supply : Redundant Power Supply
- (q) Networking : Dual LAN (10/100/1000) Network Card with asset Feature
tracking and security management, remote wake up

(r) Power Management : Screen blanking, hard disk and system idle mode in power on,
set up password, power supply surge protected, automatic server reboot.

C. Server AMD Opteron Two Processor Quad Core Tower configuration

(a) CPU : AMD Opteron 2376 Quad Core, 2.3 GHz Quad Core, 64 bit processor or better capable of Quad processing (to be supplied with one processor quad core as standard) with 4 x 512 KB L2 cache and 6 MB L3 cache or better 2 MTS

(b) Motherboard : AMD 8132 with nVidia or server works or better on OEM Motherboard. Motherboard should be capable of 2000 MHz HT

Bus

(c) Slots : 4 PCI/PCI Express 64 bit

(d) Memory : 2 GB 667 MHz DDR2 RAM with minimum 4 DIMM slots

(e) Hard Disk Drive : 2x72 10000 rpm SAS 320 Hot Plug

(f) RAID Controller : 3 G SAS Controller with 128 MB cache

(g) Monitor : 43.2 cm (17") TFT Monitor (Support 1024 x 768 NI Resolution) TCO-03 Certified.

(h) Video Controller : To support VGA or above resolution

(i) Keyboard : 101 Keys Keyboard

(j) Mouse : Optical Mouse

(k) Bays : 4 or higher Internal Hot Plug Bays

(l) Ports : 1 USB Port, 1 Serial Port

(m) Cabinet : Tower

(n) Certifications : Windows, Red Hat or Novell certified, Compliance & Support

(o) DVD ROM : 8x or better DVD ROM Drive

(p) Networking : Dual LAN (10/100/1000) Network Card with asset Feature tracking and security management, remote wake up

(q) Power Management : Screen blanking, hard disk and system idle mode in power on,
set up password, power supply surge protected.

D. Server AMD Opteron Two Processor Quad Core Rack Mounted configuration

(a) CPU : AMD Opteron 2376 Quad Core, 2.3 GHz Quad Core, 64 bit processor or better capable of Quad processing (to be supplied with one processor quad core as standard) with 4 x 512 KB L2 cache and 6 MB L3 cache or better 2 MTS

(b) Motherboard : AMD 8132 with nVidia or or server works or better on OEM Motherboard (Motherboard should be capable of 2000 MHz HT

Bus

(c) Slots : 2 PCI/PCI Express 64 bit

(d) Memory : 2 GB 667 MHz DDR2 RAM with minimum 4 DIMM slots

(e) Hard Disk Drive : 2x72 10000 rpm SAS

(f) RAID Controller : 2 port RAID Controller for RAID 0/1

(g) Monitor : 43.2 cm (17") TFTMonitor (Support 1024 x 768 NI Resolution)
TCO-03 Certified.

(h) Video Controller : To support VGA or above resolution

(i) Keyboard : 101 Keys Keyboard

(j) Mouse : Optical Mouse

(k) Bays : 2 or higher Internal Hot Plug Bays

(l) Ports : 1 USB Port, 1 Serial Port

(m) Cabinet : Rack Mounted

(n) Certifications : Windows, Red Hat or Novell certified, Compliance & Support

(o) DVD ROM : 8x or better DVD ROM Drive

(p) Networking : Dual LAN (10/100/1000) Network Card with asset Feature tracking and security management, remote wake up

(q) Power Management : Screen blanking, hard disk and system idle mode in power on,
set up password, power supply surge protected.

Server, One Processor

Schedule 1 : Servers, One Processor

A. Server Intel Xeon One Processor Quad Core Tower configuration

(a) CPU : Intel Xeon 3220 Quad Core processor 2.4 GHz or better with 8 MB L2 cache Memory,1066 MHz FSB or better.

(b) Motherboard : Intel 3200 Series or equivalent OEM Motherboard.
Motherboard should be capable of 1333 MHz FSB.

(c) Slots : 4 PCI/ PCI Express

(d) Memory : 1 GB ECC 667 MHz DDR2 RAM and min. 4 DIMM slots.

(e) Hard Disk Drive : 2 x 250 GB or higher Enterprise Class SATA HDD 7200 RPM with 1.2 million hrs MTBF at100% duty cycle and vibration operating tolerance (Random 0.008g² /Hz, 10-300Hz) and (Linear 20-300Hz, 0.75G, 0-Peak).

(f) RAID Controller : Four Port RAID Controller for RAID 0/1

(g) Monitor : 43 cm (17") TFT/wide TFT, TCO-03 or TCO-99 Certified.

(h) Video Controller : To support VGA or above resolution

(i) Keyboard : 101 Keys Keyboard

(j) Mouse : Optical Mouse

(k) Bays : 4 Bays (Minimum 2 Internal)

(l) Ports : 4 USB Port, 1 Serial Port

(m) Cabinet : Tower

(n) Certifications : Windows, Red Hat or Novell certified, Compliance & Support.

(o) DVD ROM : 8x or better DVD ROM Drive

(p) Networking : Dual LAN (10/100/1000) Network Card with asset features tracking and security management, remote wake up.

(q) Power Management : Screen blanking, hard disk and system idle mode in power on, set up password, power supply surge protected.

B. Server Intel Xeon One Processor Quad Core Rack Mounted configuration

(a) CPU : Intel Xeon 3220 Quad Core processor 2.4 GHz or better with 8 MB L2 cache Memory,1066 MHz FSB or better

(b) Motherboard : Intel 3200 Series or equivalent OEM Motherboard.
Motherboard should be capable of 1333 MHz FSB.

(c) Slots : 1 PCI x/PCI Express slots

(d) Memory : 1 GB 667 MHz DDR2 RAM and min. 4 DIMM slots.

(e) Hard Disk Drive : 2 x 250 GB or higher Enterprise Class SATA HDD 7200 RPM with 1.2 million hrs MTBF at100% duty cycle and vibration operating tolerance (Random 0.008g² /Hz, 10-300Hz) and (Linear 20-300Hz,0.75G, 0-Peak).

(f) RAID Controller : Four Port RAID Controller for RAID 0/1

(g) Monitor : 43.2 cm (17") TFT/wide TFT, TCO-03 or TCO-99 Certified.

(h) Video Controller : To support VGA or above resolution

(i) Keyboard : 101 Keys Keyboard

(j) Mouse : Optical Mouse

(k) Bays : Minimum 2 Internal

(l) Ports : 3 USB Port, 1 Serial Port

- (m) Cabinet : Rack Mounted
- (n) Certifications : Windows, Red Hat or Novell certified, Compliance & Support
- (o) DVD ROM : 8x or better DVD ROM Drive
- (p) Networking : Dual LAN (10/100/1000) Network Card with asset Features tracking and security management, remote wake up
- (q) Power Management : Screen blanking, hard disk and system idle mode in power on,
set up password, power supply surge protected.

C. Server AMD Opteron One Processor Quad Core Tower configuration

- (a) CPU : AMD Opteron 1352, 2.2 GHz Quad Core, 64 bit processor or better with 4 x 512 KB L2 cache and 2 MB L3 cache, 2000 MHz HT Bus or better
- (b) Motherboard : AMD 8111/nVidia/Server Works on OEM to support 2000 MHz FSB
with support for Quad core CPU.
- (c) Slots : 4 PCI/PCI Express
- (d) Memory : 1 GB 667 MHz DDR2 unbuffered RAM with minimum 4 DIMM slots
- (e) Hard Disk Drive : 2 x 250 GB or higher Enterprise Class SATA HDD 7200 RPM with
1.2 million hrs MTBF at 100% duty cycle and vibration
operating
tolerance (Random 0.008g² /Hz, 10-300Hz) and (Linear 20-300Hz,
0.75G, 0-Peak).
- (f) RAID Controller : Four Port RAID Controller for RAID 0/1
- (g) Monitor : 43.2 cm (17") TFT/wide TFT, TCO-03 or TCO-99 Certified.
- (h) Video Controller : To support VGA or above resolution
- (i) Keyboard : 101 Keys Keyboard
- (j) Mouse : Optical Mouse
- (k) Bays : 4 Bays (Minimum 2 Internal)
- (l) Ports : 4 USB Port, 1 Serial Port
- (m) Cabinet : Tower
- (n) Certifications : Windows, Red Hat or Novell certified, Compliance & Support
- (m) DVD ROM : 8x or better DVD ROM Drive
- (o) Networking : Dual LAN (10/100/1000) Network Card with asset tracking features and security management, remote wake up
- (p) Power Management : Screen blanking, hard disk and system idle mode in power on,
set up password, power supply surge protected.

D. Server AMD Opteron One Processor Quad Core Rack Mounted configuration

- (a) CPU : AMD Opteron 1352, 2.2 GHz Quad Core, 64 bit processor or better with 4 x 512 KB L2 cache and 2 MB L3 cache, 2000 MHz
HT Bus or better.
- (b) Motherboard : AMD 8111/nVidia/Server Works on OEM to support 2000 MHz HT Bus or better with support for Quad core CPU.
- (c) Slots : 2 PCI/PCI Express
- (d) Memory : 1 GB 667 MHz DDR2 unbuffered RAM with minimum 4 DIMM slots
- (e) Hard Disk Drive : 2 x 250 GB or higher Enterprise Class SATA HDD 7200 RPM with
1.2 million hrs MTBF at 100% duty cycle and vibration
operating
tolerance (Random 0.008g² /Hz, 10-300Hz) and (Linear 20-300Hz,
0.75G, 0-Peak).
- (f) RAID Controller : Four Port RAID Controller for RAID 0/1
- (g) Monitor : 43.2 cm (17") TFT/wide TFT ,TCO-03 or TCO-99 Certified.
- (h) Video Controller : To support VGA resolution or better.

(i) Keyboard : 101 Keys Keyboard
(j) Mouse : Optical Mouse
(k) Bays : Minimum 2 Internal
(l) Ports : 4 USB Port, 1 Serial Port
(m) Cabinet : Rack Mounted
(n) Certifications : Windows, Red Hat or Novell certified, Compliance & Support
(o) DVD ROM : 8x or better DVD ROM Drive
(p) Networking : Dual LAN (10/100/1000) on board and one LAN

Feature(10/100/1000)

Network Card with asset tracking & security

management,remote

wake up

(q) Power Management : Screen blanking, hard disk and system idle mode in power on,

set up password, power supply surge protected.

Add on Items for Servers

Specification :-

LIST OF ALL AMENDMENTS

For RC No. Servers/IT-1/RC-710A0000/0311/81/01257/3247

NOTE: No Amendments issued till date 17-APR-10