

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:
Narender Kumar
Email Id:
narender.dgsnd@nic.in

Rate Contract no. BLADESRVER/IT-1/RC-710B0000/1113/81/03680/4068
Dated 05-FEB-13

To,

AGMATEL INDIA PRIVATE LIMITED
E-366, 2nd Floor, Nirman Vihar, Vikas Marg, Delhi, Contact Person - Vijay
Malhotra, Mob. No. 09810054741, Mr. Krishan Rana - Mob. No.
09313631206, E-mail: krana@agmatel.com, Toll Free No. 1800113233

Delhi

Sub: Rate Contract for supply of Blade Server Systems
Validity: From 05-FEB-13 To 31-JAN-14 .

Ref:(1) This Office Tender Enquiry No. BLADESRVER/IT-1/RC-710B0000/1113/81
Opened on 27-NOV-12.
(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
5. Schedule "D" - [Format of Letter of Authority](#)

"Suspense Account facilities for indentors of Central Civil Ministries/Departments and UT Administration,except for M/o Defence,M/o Railways and D/o Posts,have been withdrawn with effect from 03.07.2012. As per revised procedures/guidelines, the indentors are required to place funds at the disposal of O/o Chief Controller of Accounts(Supply),D/o Commerce,16-A,Akbar Road Hutments,New delhi-110011 in the form of letter of Authority. The format of Letter of Authority is attached. The indentors are advised to allocate funds to cover the cost of stores ordered, which includes value of supply orders inclusive of all duties & taxes asper relevent Rate Contract plus 5% of the value of supply order towards other incidental charges in case of Rate Contract with firm & final prices or 10% of the value of supply order towards other incidental charges in case of rate contract with price variation clause. In addition,indentors are also required to include 1.2% of the cost of the stores(i.e value of supply order + incidental charges) as DGS&D department charges. Supply Order not accompanied with letter of authority in the prescribed format along with requisite funds shall not be considered as valid supply orders. Ink-signed copy of Letter of Authority is to be sent to the Office of chief Controller of Accounts(Supply),D/o Commerce,16-A, Akbar Road

Hutments, New Delhi-110011 by Speed Post under intimation to RC holder.Purchase Directorate concerned in DGS&D Headquarters and Inspecting Officer concerned.

The above instructions shall apply to all supply orders placed on or after 03.07.2012."

Yours Faithfully,

()

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

SCHEDULE - A

1. Rate Contract No.: -BLADESRVER/IT-1/RC-710B0000/1113/81/03680/4068

Dated 05-FEB-13 For the Supply of Blade Server Systems

2. Advance Rate Contract No.: - Nil

Dated

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

AGMATEL INDIA PRIVATE LIMITED
E-366, 2nd Floor, Nirman Vihar, Vikas Marg, Delhi,
Contact Person - Vijay Malhotra, Mob. No. 09810054741,
Mr. Krishan Rana - Mob. No. 09313631206, E-mail:
krana@agmatel.com, Toll Free No. 1800113233

Delhi

DELHI - 110092

Tel. No. -

Fax -

Email - marketing@agmatel.com

(b) Name and Full Address of Manufacturer :-

DELL ASIA PACIFIC SDN.
BHD. PLOT 76, MUKIM II, BUKIT TENGAH INDUSTRIAL PARK, 14000
BUKIT MERTAJAM, PENANG, MALAYSIA

(c) Brand: DELL

4. Validity of Rate Contract: 05-FEB-13 To 31-JAN-14

5. Description of Item, Specification, Unit, Rate

| Item Model No. | Store Description | ED | | | | Unit | Rate (in Rs) |
|----------------|---|---|---|-------------------------------|--|------|--------------|
| | | ED | ED% | CST/VAT | CST/VAT% | | |
| 5 | POWER EDGE BLADE SERVER M620 WITH M1000E CHASIS | Blade Server Chassis with Storage on Blade | Max. no. of Blades: 10, No. of Blades populated: 4, Blade configuration: Intel performance xeon | NOS. | 1787185 Rs. SEVENTEE N LAKHS EIGHTY- SEVEN THOUSAN D ONE HUNDRED EIGHTY- FIVE ONLY | | |
| | | N.A | Excl. | 5 | | | |
| | | Min. Order Qty (in unit):- 1 | Lead Time (in days):- 98 | Rate of Supply (monthly):- 50 | | | |
| 6 | POWER EDGE BLADE SERVER | Blade Server Chassis with Storage on Blade | Max. no. of Blades: 16, No. of Blades populated: 8, Blade configuration: Intel Low power xeon | NOS. | 2487200 Rs. TWENTY- FOUR | | |

M620 WITH
M1000E
CHASIS

LAKHS
EIGHTY-
SEVEN
THOUSAN
D TWO
HUNDRED
ONLY

N.A Excl. 5

Min.Order Qty(in unit):- 1 Lead Time(in days):-98 Rate of Supply(monthly):-50

6-Terms of Delivery:

The stores will be delivered by the firms on free delivery at consignee's end including installation/commissioning. Free delivery at site including freight & forwarding. Insurance as per DGS&D Standard Transit Insurance Clause.

7-Excise Duty:

NOT APPLICABLE AT PRESENT AND WILL NOT BE CHARGED EVEN IF IT IS APPLICABLE LATER ON.

8-Sales Tax:

EXTRA @ 5%.

9-Delivery Period:

Upto first 50 Nos. within 128 days from date of receipt of clear order. Thereafter @ 50 Nos per month.

10(a)-Annual Turnover:

2010-11 12730 LACS

(b)-Monetary Limit(In Rs.):

Without Any Limit

11-Payment Terms:

50% payment will be allowed on proof of inspection & acceptance thereof and dispatch of stores and balance 50% on certification of receipt of stores in good condition by the consignee. In other respects,the provisions of clause 19,Payment under the Contract in DGS&D 68(R) will apply

12-Slab Discount Clause:

Applicable

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:

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
Director(QA), Delhi Directorate,
Jeevan Tara Building, 4th Floor, Sansad Marg
New Delhi
DELHI -110001

21-Place where the Stores are to be Tendered

AGMATEL INDIA PVT. LTD., B-28, PATPARGANJ

for Inspection:

INDUSTRIAL AREA, DELHI - 92

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

()

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

Other Information

1. 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 user's point and purchaser will not pay separately for transit insurance clause.
2. Warranty Terms: All Blade Server Systems items will be covered by onsite warranty for a period of 3 years from the date of commissioning. Any component required to be replaced within the warranty period will be a totally new component and not reconditioned or repaired component.
3. No assistance for import of finished product or raw material will be provided.
4. 'NIL' against Octroi Exemption Certificate to be provided by the indenter along with order otherwise extra, if applicable.
5. 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.

6. 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 Sikkam: Form 20
- 24 Tamil Nadu: -
- 25 Tripura: Form 26
- 26 Uttar Pradesh: Form 32
- 27 Uttaranchal: Form 17
- 28 West Bengal: Form 50

7. Demonstration of the machines will be carried out free of cost at consignee's place.

8. Signing of Inspection Notes issued by QA Wing of DGS&D : Instructions to Indentors/Consignees. Advance Payment Copy of Inspection Note for claiming 50% payment (copy No.1): 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 (Copy no 2& 5) for claiming 50% balance payment. 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. 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. 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.

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

9. Environmental Test Report will be submitted at the time of Inspection.

10. For imported machines offered for inspection, the documentation requirements at the time of inspection of bulk supplies for each and every lot are as under:-

- a) Bill of Lading;
- b) Packing list;
- c) Certificate of origin;
- d) Serial numbers along with model numbers pertaining / corresponding to imports covered by above documents;
- e) A certificate from the manufacturer that the machines with particular model Nos. and Serial Nos. were exported by them to Indian supplier and that the same were tested in their factory and found to be satisfactory as per the standard specification of the product.
- f) Guarantee/Warranty Certificate for the machine by R/C holding firms

11. DISCOUNT:- The following discount in lieu fo custom duty exemption certificate for all items importe from Dell which are applicable agains valid custom duty exemption certificate as per the following Govt. notifications excluding the tender enquiry

SCHEDULE-D

SPECIAL INSTRUCTIONS TOR TO R/C 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.
2. The rate contract holders should assist the consignee(s) in the installation and operation of the machine, including recommendations for accessories and voltage stabilizer.

(Narender Kumar)

Section Officer

For and on behalf of the purchaser named in the form DGS&D-1001

Sr.No.

SCHEDULE - C

List of Parallel Rate Contract For Blade Server Systems

| | NAME & FULL ADDRESS OF FIRM | R/C NO & DATE |
|---|---|---|
| 1 | HEWLETT PACKARD INDIA SALES PVT. LTD. DGS&D Cell, Tower - D, 6th Floor, Global Business Park, Mehrauli - Gurgaon Road, Gurgaon Contact Person - Mr. Sandeep Durani, Mob. No. 09810448508 E-mail - sandeep.durani@hp.com Fax No. 0124-2566112 Gurgaon HARYANA 122002 | BLADESRVER/IT-1/RC- 710B0000/1113/81/O0290/4069 05-FEB-13 |
| 2 | AGMATEL INDIA PRIVATE LIMITED E-366, 2nd Floor, Nirman Vihar, Vikas Marg, Delhi, Contact Person - Vijay Malhotra, Mob. No. 09810054741, Mr. Krishan Rana - Mob. No. 09313631206, E-mail: krana@agmatel.com, Toll Free No. 1800113233 Delhi DELHI 110092 | BLADESRVER/IT-1/RC- 710B0000/1113/81/03680/4068 05-FEB-13 |
| 3 | REDINGTON INDIA E-47/12, Okhla Industrial Area, Phase - II, New Delhi - 20, Contact Person - Dibesh Kumar - 09313652668, New Delhi DELHI 08 | BLADESRVER/IT-1/RC- 710B0000/1113/81/F0490/4132 14-MAR-13 |

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) The Suppliers shall submit the list of installations during the last one year along with performance report from the users at the time of registration.
- (2) The suppliers shall submit documentary evidence in support of models quoted by them being in commercial production and due evaluation completed.
- (3) Tenderers shall furnish bench mark indices of their server with bench mark software details.
- (4) Firm should declare the diagnostic software used by them to test the blade server.
- (5) During currency of R/C tenderers can supply blade servers of higher models with higher bench mark indices than those declared by them and with better or equivalent hardware as per T/E provided they are registered for the higher model as per processor manufacturer's declaration for migration of equivalent processor to that mentioned in T E .For this certificate from processor manufacturer for migration to equivalent processor shall be furnished by the tenderer along with the tender.
- (6) OEM should be listed in IDC or magic quadrant of GARTNER during the previous year.
- (7) The blade servers shall work on 230V+/- 10%,50 Hz power supply.
- (8) Blade Server shall be CE or UL certified for safety.
- (9) Supplier shall furnish test certificate covering all parameters as per T/E specification for blade server from a Govt. lab.
Test reports from Govt. lab needs to be furnished for the items as follows :

of

(a) "If blade server with maximum no. of blades - 16 with at least 2 nos. of blade populated is tested in a Govt. lab, then the blade server with lower maximum no. of blades and 1 to 6/1 to 10/1 to 16 nos. of blades populated (as the case may be)with the same CPU will be deemed tested and need not be tested seperately".

(b)"If blade server with maximum no. of blades - 10 with at least 2 nos. of blade populated is tested in a Govt. lab, then the blade server with lower maximum no. of blades and 1 to 6/1 to 10 nos. of blades populated (as the case may be)with the same CPU will be deemed tested and need not be tested seperately".

(c)"If blade server with maximum no. of blades - 6 with at least 2 nos. of blade populated is tested in a Govt. lab, then the blade server with 1 to 6 nos.

of blades populated (as the case may be)with the same CPU will be deemed tested and need not be tested seperately".

Separate test reports are needed for blade dervers with different CPUs ie. Intel Xeon - six core, Intel Xeon - eight core, AMD Opteron - Eight core, AMD Opteron - twelve core processors.

In addition to above, OEM certificate covering all parameters shall be furnished for fully populated maximum no. of blades in each category. Submission of test certificate as above is not mandatory at the time of registration.However all the quoting firms have to furnish test certificate as above for considering their case for award of R/C(they can submit the test certificate along with the tender ,if available or subquent to the opening

of tender). Complete and satisfactory test certificate as per T/E specification is needed at the time of inspection.

INSPECTION AND TESTING :

- (a) During inspection 10% samples of server should be checked by using diagnostic software. The details of diagnostic software used by the firms shall be indicated.
- (b) OEM should be listed in IDC or Magic Quadrant of GARTNER List during the previous year.
- (c) Firm should declare SPEC int_rate_base 2006 & specfp_rate_base 2006 for processor as applicable. During registration and inspection this shall be verified from web or documents.
- (d) Firm should declare the maximum power consumption of the system and it should be checked during inspection
- (e) Server shall be RoHS compliant

SPECIAL NOTE TO TENDERERS:

1. Only one Agent or Subsidiary or distributor who enters into direct agreement with foreign principle and not through any intermediary channel can be only considered as a valid Agent, who can be registered.
2. The foreign manufacturer has to declare with documentary evidence that they have adapted/tropicalized the equipment to suit Indian climatic conditions, as per clause 5.3.2 (c) of manual; and can prove the performance of the same at the premises in India (Testing facilities required at firm's premises are for functional and performance parameter only or as specified). The firms meeting these conditions, in addition to other conditions of registration in vogue, shall only be considered for registration as `supplier of imported stores. Mere submission of test report will NOT be treated as sufficient unless above declaration is also furnished by the importer, along with their application for registration and tender enquiry.
3. Supplier of Imported stores must submit a notarized affidavit from their foreign principal (OEM) that the product/model number being quoted against the tender is currently undergoing production and have NOT been discontinued by them. The OEM shall further undertake that they shall continue to provide support to the product/model no. being quoted, during their warranty period. Such an undertaking shall be submitted at the time of registration, bidding and during EACH inspection.
4. As per CVC Circular No.03/01/12 dated 13.1.2012,
 - (a) In a tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.
 - (b) If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
 - (c) Add-on items and in-lieu items can be bought out from different OEMs if not manufactured by the OEM manufacturing main item. ie. firms can have different OEMs for add-on items and in-lieu items.

- (d) Operating system included in this T/E is to be bundled with the server as per the requirements of the indentors which they will indicate in their supply orders, hence one OEM for one vendor requirement will not be applicable in the case of OS.
5. Multiple agents of same manufacturer (Indian or foreign) cannot participate in bid for the same item/product.
 6. Firms registered with DGS&D or seeking registration/capacity assessment in the category of:
 - (a) Indian agent of Indian Manufacturer : the registration and inspection shall be carried out at Indian Manufacturer's works.
 - (b) Supplier or Imported Stores (i.e. Indian Agent of Foreign Manufacturer): the registration and inspection shall be carried out at Indian AGENT's (Supplier of Imported Stores) premises/works.
 7. (a) Firms must submit their application to concerned QA Office for fresh or renewal of registration/capacity assessment/special capacity assessment PRIOR to at least 30 days before the scheduled date of tender opening, failing which application may NOT possible to be completely processed before the tender opening date .Tenderers will only be responsible for the same.
 - (b) Tenderers shall be registered with DGS&D or NSIC(based on capacity report of DGS&D) to become eligible to quote against the T/E.
 8. Registration for all scheduled items (except PBT telephones,FCBC and MDF) including add on items and in lieu items are required on the date of tender opening. It means all the items/models quoted against all schedules by tenderer have to be registered on the date of tender opening. Add-on items listed in a particular schedule can be quoted against main item in some other schedule if the same is suitable for the main item.

The procedure/guidelines to grant registration of all spares, accessories, add-on items and in-lieu-of items required for proper functioning of Equipment.

 - I. The registration for all the scheduled items including add-on items/in lieu items, spares and accessories is required before the date of tender opening as per Clause 9.13.2 of DGS&D Manual which is reproduced below :

"A firm is considered registered for such items of stores for which the registration has been specifically granted. The firm should be in the approved list maintained by the Registration Branch of the DGS&D for this purpose"
 - II. However, the procedure and policy to consider registration of spares and accessories including add-on items/in lieu items requested by an Indian supplier along with a request for main equipment will be in line with Clauses 13.20.1, 13.20.5(a)and 13.21.6(b) reproduced below and as per clause 13.22.2 :

Refer clause 13.20.1 of DGS&D Manual

"While spares and accessories which are essentially required for functioning of the main equipment ,can be included in the rate contracts for the main equipments, rate contract will be concluded, as a policy, for following categories of spares :

 - (a) OEM Indigenous Spares with Original Equipment Manufacturers

Refer clause 13.20.5 of DGS&D Manual

"Spares other than for engines of imported and indigenous machinery may be purchased from :

 - (a) OEM, OEM approved units or established OE suppliers

Refer clause 13.21.6 of DGS&D Manual
 - (b) Such or the bought-out items which form a part of an assembly or sub-assembly for which the firm is registered and is entitled for

rate contract, could, however, be considered for inclusion in the registration/rate contract as individual item also.

- III. The relevant guidelines mentioned in paras 13.20.1, 13.20.5(a), 13.21.6(b) and 13.22.2 of DGS&D Manual will be the basis for registration of items, i.e., spares and accessories, add-on items and in-lieu items, provided the firm are registered for the main equipment, for which the above items are required for functioning of main equipment. No separate agreement, documents like test reports etc. are required for these items if they are being registered for the main equipment for which above items are required for proper functioning.
- IV. Firms quoting for spares /accessories, add-on items and in-lieu items alone ,only and not quoting for main equipment/item are required to be registered as per the relevant T/E specification. Agreement, documents, test reports etc . applicable for the spares/accessories , add-on items and in-lieu items are required to be furnished for registration of these items.

Blade Server Chassis with Storage on Blade

1. Blade Chassis shall accommodate the specified maximum number of Blade Servers with hot swappable HDD, Interconnect Modules, Power supplies, Fans and Management Modules.
2. It shall include all accessories so that it can be mounted on an Industry Standard 42U Rack.
3. It shall be fully populated with Power Supplies with N+N redundancy.
4. It shall be supplied with the PDUs to connect Power Cables to the Chassis power input terminals.
5. It shall be fully populated with fans for cooling with adequate redundancy built in for the entire enclosure & its components.
6. It shall be complete with required number of Managed Ethernet Switches to provide at least two no of 1 Gb/s ports connectivity from each Blade Server
7. Management Module which provides a single point of control for intelligent management of the entire console. It should provide setup & control of Enclosure, should report asset and inventory information for all the devices in the Enclosure. It should report Thermal & Power Information on per Server & per Enclosure basis and it should provide KVM functionalities & access for all the Server Blades from the Management Module.
8. Blade server shall be populated with single processor with facility for up gradation to two sockets.

" Blade Server for 06/10/16 Blade Chassis - Intel Xeon "

1. CPU : E5-2630L,2.0GHz,15MB Smart cache,7.2GT/S, six core,60 watts,Memory Speed 1066/800 MHz, DDR3 Only or better.
2. Memory : 16GB PC2-5300 Fully Buffered DIMMs at 667 MHz, scalable to 128 GB or better.
3. Hard Disk Drive : 2 x 300 GB 10K rpm SFF SAS Hot Plug or higher
4. Hard Disk Controller : SAS based supporting RAID 0/1 with 32 MB Cache
5. Multifunction ports : Min. 2 Gigabit Ports

- 6. Fiber channel ports : Min. 2 Ports 4 Gb/s
- 7. Management : OS Independent hardware health status
- 8. Keyboard : Virtual KVM based remote Control
- 9. Power Management : Remote Power Control

" Blade Server for 6/10/16 Blade Chassis - Intel Xeon "

- 1. CPU : E5-2665,,2.4 GHz,1333/1066/800 DDR3 Only(MHz),20 MB Smart Cache,6.4 GT/s,8 Core,115 Watts or better.
- 2. Memory : 16 GB PC2-5300 Fully Buffered DIMMs at 667 MHz, scalable to 128 GB or better
- 3. Hard Disk Drive : 2 x 300 GB 10K rpm SFF SAS Hot Plug or higher
- 4. Hard Disk Controller : SAS based supporting RAID 0/1
- 5. Multifunction ports : Min. 2 Gigabit Ports
- 6. Fiber channel ports : Min. 2 Ports 4 Gb/s
- 7. Management : OS Independent hardware health status
- 8. Keyboard : Virtual KVM based remote Control
- 9. Power Management : Remote Power Control

" Blade Server for 6/10/16 Blade Chassis - AMD Opteron "

- 1. CPU : 2.6 GHz, Eight Core ,AMD Opteron 6212 Processor with 16 MB L3 Cache or better.
- 2. Memory : 4 GB DDR3,1066MHz which should be scalable to 128 GB or higher
- 3. Hard Disk Drive : 2 x 146 GB 10K rpm SFF SAS Hot Plug or higher
- 4. Hard Disk Controller : SAS based supporting RAID 0/1
- 5. Multifunction ports : Min 2 Gigabit ports
- 6. Fiber channel ports : Min 2 Ports 4 Gb/s
- 7. Management : OS Independent hardware health status
- 8. Keyboard : Virtual KVM based remote Control

" Blade Server for 6/10/16 Blade Chassis - AMD Opteron "

- 1. CPU : 2.4 GHz, 12 Core ,AMD Opteron 6234 Processor with 16 MB L3 Cache or better.
- 2. Memory : 4 GB DDR3,1066MHz which should be scalable to 128 GB or better
- 3. Hard Disk Drive : 2 x 146 GB 10K rpm SFF SAS Hot Plug or higher
- 4. Hard Disk Controller : SAS based supporting RAID 0/1
- 5. Multifunction ports : Min 2 Gigabit ports
- 6. Fiber channel ports : Min 2 Ports 4 Gb/s
- 7. Management : OS Independent hardware health status
- 8. Keyboard : Virtual KVM based remote Control
- 9. Power Management : Remote Power Control

Add-on items for Blade Server Console

Fiber Channel Pass Through for SAN connectivity :

Fiber Channel Pass Through for SAN connectivity to provide at least two number of 4 Gb/s ports from each blade server to an external SAN switch for 7/16 blade system.

Rack 42U with dual power inputs (PDUs) :

42U Rack with dual power inputs (PDUs) and Power cables with IEC 309 Connectors, perforated doors, both from front and rear, with locking facility, Cable Management Kit, Stability Kits to handle heavy Blade Chassis, servers and/or storages, Grounding Kit, 40 x 1U Blanking panels .

All the add-on items shall be quoted with detailed specifications and supported with OEM test reports.

LIST OF ALL AMENDMENTS

For RC No. BLADESRVER/IT-1/RC-710B0000/1113/81/03680/4068

| Sr No. | Amendment No. | Amendment Date | Effective From | Amendment In |
|---------------|--|-----------------------|-----------------------|---------------------|
| 1 | BLADESRVER/IT-1/RC-710B0000/1113/81/03680/4068/45747 | 26-FEB-13 | 20-FEB-13 | Amendment in Rate |