



Request for Proposal (RFP)

Supply & Installation of SUN Servers

INVITATION TO BIDS

Reference Number: CMC/ENQ/ASG/VA/1167

Dated: 20/07/2009

**Head, C & M Dept.
BSES Rajdhani Power Limited
Corp. Office: BSES Bhawan, Nehru Place,
New Delhi – 110019**

BSES Rajdhani Power Limited
Corp. Office: BSES Bhawan, Nehru Place
New Delhi – 110019

INVITATION TO BID

Ref. No: CMC/ENQ/ASG/VA/1167

Date: 20/07/2009

BSES Rajdhani Power Ltd. Delhi intends to procure **SUN Servers**.

Interested bidders may obtain further information from the Office of BSES Rajdhani Power Ltd. BSES Bhawan, Nehru Place, New Delhi – 110019 on written request and against a non-refundable payment of Rs.500/- in the form of a Demand Draft or Banker's cheque payable at New Delhi in favor of "BSES Rajdhani Power Ltd." or can obtain information from our website www.bsesdelhi.com subject to payment of Rs. 500/- in the form of separate Banker's Cheque on a/c of cost of tender document to be submitted along with all the relevant documents as prescribed in the tender document. Bidders are required to write their name and full address on the back of Bank Draft/Banker's Cheque. Tender received without the tender cost i.e. Rs. 500/- will not be considered for no reasons.

Sale of Request for Proposal (RFP)	From 21/07/2009 To 13/08/2009
Last Date & Time for receipt of Bid	17/08/2009 up to 1100 hrs
Opening of Technical	17/08/2009 at 1400 hrs
Opening of Price Bids	21/08/2009 at 1400 hrs
Place of Opening of Bids	BSES Corporate office
Place of submission of Bids/ Address for Communication	Head, C&M Department, 1sr Floor, C Block, BSES Rajdhani Power Ltd. BSES Bhawan, Nehru Place, New Delhi - 110019

The RFP documents are not transferable and the bidders who purchase the RFP documents in their names are only eligible for submission of bid.



BSES Rajdhani Power Limited
Corp. Office: BSES Bhawan, Nehru Place,
New Delhi – 110019

Ref. No CMC/ENQ/ASG/VA/1167

Date: 20/07/2009

Sub: Supply & Installation of SUN Servers

BSES Rajdhani Power Ltd. invites bids for Supply of SUN Servers at Corporate Office - "BSES Rajdhani Power Ltd. BSES Bhawan, Nehru Place, New Delhi – 110019 with the proposal.

S. No.	Details of Tender Documents	
1.	General Purchase Conditions (Section - GPC)	Annexure I
2.	Instruction to Bidders (Section – INB)	Annexure II
3.	Detailed Technical Specifications (Section – DTS)	Annexure III
4.	Specifications for SUN Servers	Annexure IV
5.	Qualifying Requirement Data	Annexure V
6.	Format for Price Bid	Annexure VI

In case you are interested, please submit your competitive offer duly supported with all the above documents mentioned at S.No. 1 to 6 duly signed in each & every page along with relevant Appendix in a sealed envelope marked as "**Part A -Technical Bid**" (As per Annexure I to V) and Annexure VI – Format for Quoting Rates (Price Bid) (S.No.6) to be kept in a separate envelope marked as "**Part B - Price Bid**".

Both the envelopes (A&B) Technical & Price Bids shall be put in a bigger envelope. The bigger envelope should be sealed and super scribed as "Supply of SUN Servers" - Due on 17/08/2009 at 1100 hrs.

**SECTION GPC
(GENERAL PURCHASE CONDITIONS)**

1 SUBMISSION OF BIDS

- 1.1 The bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the Contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.
- 1.2 The bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such corrections shall be initialed by the person or persons signing the bid.
- 1.3 The bidders are required to submit the bids in two parts consisting of Part A: Technical Bid and Part B: Price Bid in separate sealed envelopes and both the sealed envelopes duly super scribed as "Part A: Technical Bid" and " Part B: Price Bid" are to be sealed in a bigger envelope.
- 1.4 The envelope marked as Part A and Part B should contain following documents :
- Part A: Technical Bid
Should contain Annexure I to V, relevant Appendix
- Part B: Price Bid should contain only the Price Bid filled in Annexure VI.
- 1.5 The bigger envelope containing Part A & Part B bids should be super scribed as "Supply of SUN Servers - Due on 17/08/2009 at 11.00 A.M." and to be addressed to:

**Head of Department
Contracts and Material,
BSES Rajdhani Power Ltd.
1st Floor, 'C' Block, BSES Bhawan,
Nehru Place, New Delhi – 110 019**

2 SIGNATURE OF BIDS

- 2.1 The bid must contain the name and place of business of the person or persons making the bid and must be signed and sealed by the Bidder with his usual signature.
- 2.2 Satisfactory evidence of authority of the person signing on behalf of the Bidder shall be furnished with the bid.
- 2.3 The Bidder's name stated on the proposal shall be the exact legal name of the firm.

3 SEALING AND MARKING OF BIDS

- 3.1 The bids are to be sealed as described in Clause 1.3 & 1.4 above.

- 3.2 The bids send by Regd. Post should bear the name of Tender, the reference number, and the words "DO NOT OPEN BEFORE 17/08/2009".
- 3.3 The envelope shall indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared "late" or "rejected".
- 3.4 If the outer envelope is not sealed and marked as per above, the Owner will assume no responsibility for the bid's misplacement or premature opening.

4 DEADLINE FOR SUBMISSION OF BIDS

- 4.1 The Bidders have the option of sending the bid by registered post or submitting the bid in person. Bids submitted by fax/telegram will not be accepted. No request from any Bidder to the Owner to collect the proposal from airlines, cargo agents etc. shall be entertained by the Owner.
- 4.2 Bids must be received by the Owner at the address specified above, not later than the time & date mentioned in the Invitation to Bid.
- 4.3 The Owner may, at its discretion, extend this deadline for the submission of bids by amending the Invitation to Bid, in which case all rights and obligations of the Owner and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

5 LATE BIDS

- 5.1 Any bid received by the Owner after the time & date fixed or extended for submission of bids prescribed by the Owner, will be rejected and/or returned unopened to the Bidder.

6 MODIFICATION AND WITHDRAWAL OF BIDS

- 6.1 The Bidder may modify or withdraw its bid after the bid's submission provided that written notice of the modification or withdrawal is received by the Owner prior to the deadline prescribed for submission of bids.
- 6.2 The Bidder's modifications or withdrawal notice shall be prepared, sealed, marked and dispatched in accordance with the provisions of Clause Sealing and Marking of Bids above.
- 6.3 No bid may be modified subsequent to the deadline for submission of bids.
- 6.4 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the Bidder on the Bid Form. Withdrawal/modification of a bid during this interval may result in the forfeiture of bid security.
- 6.5 Oral statements made by the Bidder at any time regarding quality, quantity or arrangement of the equipment or any other matter will not be considered.

7 OPENING OF BIDS BY THE OWNER

- 7.1 The Bids shall be opened by the Owner on any date after the last date fixed for Bid receipt as specified in Invitation of Bids or in the case any extension has been given thereto, after the extended Bid submission date notified to all Bidders.

- 7.2 No electronic recording devices will be permitted during bid opening.
- 7.3 Technical Bids will be opened in the presence of the bidders' representatives who choose to attend on the specified date and time. Price Bids of technically qualified bidders will be opened in the presence of the bidders' representatives on a separate date and time which will be intimated separately.
- 7.4 No further discussion/ interface will be granted to bidders whose bids have been disqualified. BSES reserves the right to accept or reject in part or full any or all the offers without assigning any reason whatsoever.

8 CLARIFICATION OF BIDS

- 8.1 To assist in the examination, evaluation and comparison of bids the Owner may, at its discretion, ask the Bidder for clarification of its bid details. The request for clarification and the response shall be in writing and no change in the price or substance of the bid shall be sought, offered or permitted.

9 PRELIMINARY EXAMINATION

- 9.1 The Owner will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.
- 9.2 Arithmetical errors will be rectified on the following basis: If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail. If the Bidder does not accept the correction of the errors as above, his Bid will be rejected

10 PRICE

- 10.1 The Bidder shall quote Firm prices valid till the complete execution of the order.
- 10.2 The Bidder shall quote on FOR Destination basis inclusive of packing, forwarding, freight, insurance charges, taxes & duties etc, if any. The Bidder shall quote, item wise unit and lot prices for all the material.

11 TAXES AND DUTIES

- 11.1 All the Bidders are requested to familiarize themselves with the laws, rules and regulations prevailing in India and consider the same while developing and submitting their Proposal.
- 11.2 All Customs duties, Excise Duties, Sales Tax and other levies payable by the bidder on goods, equipments, components, Sub-assemblies, raw materials & any other items used for their consumption or dispatched directly to owner by the contractor or their sub-suppliers shall be included in the bid price & any such taxes, duties, levies additionally payable will be to bidder's account & no separate claim on this account will be entertained by the owner.
- 11.3 If any rates of taxes/duties/levies (hereinafter called 'Tax') are increased or decreased, a new Tax is introduced, an existing Tax is abolished or any change in interpretation or



application of any Tax occurs in the course of the performance of Contract, which was or will be assessed on the Contractor in connection with performance of the Contract, an equitable adjustment of the Contract Price shall be made to fully take in to account any such change by addition to the Contract Price or deduction there from, as the case may be.

12 INSURANCE

12.1 The seller at his cost shall arrange, secure and maintain all insurance as may be pertinent and obligatory in terms of law to protect his interest and interests of the Owner against all perils. The responsibility to maintain adequate insurance coverage at all times till the equipment/materials "Taken Over" by the Owner shall be of Seller alone.

13 BID CURRENCIES

13.1 Prices shall be quoted in Indian Rupees only.

14 MODIFICATION AND WITHDRAWAL OF BIDS

14.1 The Bidder's modification or notice of withdrawal shall be prepared, sealed, marked and delivered with the outer envelopes additionally marked 'MODIFICATION' or 'WITHDRAWAL' as appropriate.

15 PERIOD OF VALIDITY OF BIDS

15.1 Bids shall remain valid and open for acceptance for a period of 30 days after the date set for Bid opening.

16 PROCESS TO BE CONFIDENTIAL

16.1 Any effort by a bidder to influence the Purchaser in the process of examination, clarification, evaluation and comparison of Bids, and in decisions concerning the award of Contract, may result in the rejection of his Bid.

17 TIME SCHEDULE

17.1 The basic consideration and the essence of the Contract shall be the strict adherence to the time schedule specified in the bidding documents and incorporated in the Contract for supplies and services.

18 EVALUATION AND COMPARISON OF BIDS

18.1 Bidder shall state their Bid price with the payment schedules outlined in the specifications. Bids will be evaluated on the basis of this base price.

18.2 The purchaser reserves the right to accept or reject any variation, deviations or alternative offered. Variations, deviations, alternative offers and other factors which are in excess of the requirements of the bidding documents or otherwise result in the accrual of unsolicited benefits to the Purchaser shall not be taken into account in Bid evaluation.

19 DELIVERY/SHIPMENT TERMS



- 19.1 All the equipment/materials shall be dispatched to destination on FOR destination basis within the delivery period as stipulated in the Purchase Order/LOA.
- 19.2 The hardware shall be delivered, installed and commissioned in full at the site within **Ten (10) weeks** from the date of order. Thereafter the hardware shall be handed over to the owner as per the relevant clauses above. Partial delivery and installation, if necessary shall be allowed only with prior approval of the owner.

20 PAYMENT TERMS

- 20.1 100% of the ex-works price, plus packing, forwarding, freight and insurance charges, taxes and duties shall be payable to the supplier, for the indigenous equipment, within 90 days of receipt, installation, testing, commissioning and Taking Over the equipments/materials at the desired premises of the consignee in satisfactory working condition. **The payment will be released only after verification of the bill by the Indenting Unit.**

21 LOCAL CONDITIONS

- 21.1 It will be imperative on each bidder to fully inform himself of all local conditions and factors which may have any effect on the performance of the Contract covered under these specifications and documents.

22 LIQUIDATED DAMAGES FOR DELAY IN COMPLETION

- 22.1 The date stipulated for delivery of GOODS shall be the essence of PURCHASE ORDER.
- 22.2 In the event the supply/service is delayed beyond schedule, we shall levy penalty of $\frac{1}{2}$ % (Half percent) of the basic value (ex-works value) of undelivered units per week of delay or part thereof, subject to maximum of (TEN) 10% of the total basic value (ex-works value) of undelivered units.
- 22.3 BUYER may, without prejudice to any method of recovery, deduct the above amount from, any sum due or which may become due to the SELLER in this or any other contract or from the Performance Bond or file a claim against the SELLER

23 SUB-LETTING

The Vendor shall not sub-let, transfer or assign any part of this order without the prior written consent of the Purchaser. Copies of sub-contract order shall be forwarded to the Purchaser.

24 CANCELLATION

The Owner reserves the right to cancel the order in part or in full by giving one week advance notice thereby if:

- a) The Vendor fails to comply with any of the terms of the order.
- b) The Vendor becomes bankrupt or goes into liquidation.
- c) The Vendor makes general assignment for the benefit of the creditors; and
- d) Any receiver is appointed for the property owned by the Vendor.



25 LAW AND PROCEDURE

25.1 Applicable Law

The law which is to apply to the Contract and under which the Contract is to be constructed shall be Indian Law. The Courts of Delhi shall have exclusive jurisdiction in all the matters arising in the Contract including execution of Arbitration Award.

25.2 ACCEPTANCE OF TERMS AND CONDITIONS

The Bidder must confirm his acceptance of the terms and conditions mentioned hereinabove and the enclosed documents. In case any clause is not acceptable to the Bidder, the same should be specifically brought out in deviation schedule given in the Bid Proposal Sheets with categorical confirmation that all other clauses are acceptable to the Bidder. If no mention is made in this regard, it shall be presumed that all clauses mentioned hereinabove are acceptable to the Bidder.



INSTRUCTION TO BIDDERS

1 GENERAL INSTRUCTIONS

- 1.1 BSES (hereinafter called Owner) invites Bids in respect of **Supply of SUN Servers at Regd. Office at BSES Rajdhani Power Ltd., BSES Bhawan, Nehru Place, New Delhi – 100 019** All Bids shall be prepared and submitted strictly in accordance with these instructions
- 1.2 The Owner reserves the right to itself to accept any Bid or reject any or all Bids or cancel/ withdraw Invitation to Bid without assigning any reason for such decisions. Such decisions by the Owner shall bear no liability whatsoever consequent upon such a decision.

2 QUALIFYING REQUIREMENTS FOR BIDDERS

- 2.1 The Bidding is open to all qualified Bidders who fully meet the following qualifying requirements:
- I. Bidder should be an Authorized dealers / representatives of Original Equipment Manufacturer (OEM).
 - II. Bidder must have executed at least 3 (three) orders for similar hardware with total value of Rs. 9.00 Crs. or more in preceding 2 (two) years from the date of opening of bid (i.e. 2007 and 2008 calendar year) with each order having a minimum value of Rs 1.00 Cr..
 - III. Bidder shall be an Indian Company / firm engaged in Supply & Installation of Server for last two years.
 - IV. Bidder should have valid Registration No. of Sales Tax/VAT/Service Tax, whichever is applicable;
 - V. Bidder should have PAN No. & should fulfill all statutory compliances.
 - VI. Owner reserves the right to carry out capability assessment of the Bidders and Owner's decision shall be final in this regard;
 - VII. Equipment offered should carry on-site comprehensive warranty support for one years from OEM covering parts, labor and on-site repair.

The bidder shall submit all necessary documentary evidence to establish that the Bidder meets the above qualifying requirements.

3 COST OF BIDDING

All the costs and expenses incidental to preparation and submission of the proposals, discussions including pre-award discussions with the successful Bidder etc. shall be to the account of the Bidders and the Owner shall not be responsible in any way whatsoever, and shall bear no liability whatsoever, on such costs and expenses, regardless of the conduct or outcome of the Bidding process.



4 The bidder should also furnish the under mentioned information :

a.	Name of the firm, address, telephone and fax nos.	
b.	E-mail Address	
c.	Name of the Contact Person Telephone/Mobile No.	
d.	Name of the Bank (with full Address)	
e.	Bank Account No. (Enclose an unsigned cheque duly cancelled)	
f.	PAN No.	
g.	TIN No. / Sales Tax No.	
h.	Service Tax No.	



Detailed Technical Specifications for SUN Servers

1. GENERAL REQUIREMENTS

- 1.1. In order to augment Information Technology (IT) infrastructure in its corporate office, BSES intends to procure Servers
- 1.2. In case of any discrepancy between the provisions of this volume and provisions of other volumes of tender documents, the provisions of this volume shall prevail.
- 1.3. The Equipment provided under these specifications shall be complete with power cables. The Equipment shall operate on 230 volts, 50 Hz single phase AC power supply.
- 1.4. The Equipment to be supplied by Supplier shall be the industry proven products and not the R&D models. The equipment shall conform to the requirements of relevant Indian & International Standards. The equipment shall be Year 2000 compliant.

2. SCOPE OF WORK

- 2.1. Supply, Inland transportation, loading and unloading, Transit Insurance, Delivery at site, of SUN Server.
- 2.2. Only such bidders who have quoted their prices for the complete scope in all respect shall be considered.
- 2.3. The Owner reserves the right to split the order in part amongst the Bidders should the circumstances warrant so without assigning any reason whatsoever.

3. VENDORS RESPONSIBILITY

Vendor's responsibility shall include the following:

- 3.1. Supply and installation of all the hardware and software items as per the scope detailed.
- 3.2. The Server, as and when required and complete maintenance support of the Server in future shall be guaranteed for a period of 1 year for on-site comprehensive warranty from the date of successful taking over of the Server by the owner from the vendor.
- 3.3. Vendor shall furnish the part No./ Product identification Number for all products as provided by the original manufacturer.

4. WORK SCHEDULE

- 4.1. The hardware shall be delivered, installed and commissioned in full at the site within Ten (10) weeks from the date of order. Thereafter the hardware shall be handed over to the owner as per the relevant clauses above. Partial delivery and installation, if necessary shall be allowed only with prior approval of the owner.

5. WARRANTY

- 5.1. Vendor shall provide comprehensive on-site warranty for trouble free operation of hardware for a minimum period of **one year** after commissioning and successful testing and taking over. During this period, it will be the responsibility of the vendor to maintain and support the hardware fully and ensure availability of the same. The Vendor shall be responsible for providing, free of cost, all supplies, spares and services necessary for maintenance during warranty. The vendor shall arrange for standby equipment, if the faulty equipment is not rectified within two working days or machines/accessories are taken out of PFC premises for servicing/ repair.
- 5.2. The Vendor shall provide periodic preventive maintenance during the warranty including cleaning or periodic inspection. The detailed scope of services/preventive maintenance schedule recommended shall be furnished by the vendor and shall be finalized in consultation with the Owner.



SPECIFICATIONS FOR SUN SERVERS (BOM)

Sr. No	Product Number	Description	Qty
ISUCCS			
1	SEFPECC2Z	Sun SPARC Enterprise M5000 server. Includes 4*2.4GHz SPARC64 VII four-core Processors (2 CPU boards with 2 *CPUS each & 5MB on-chip L2 cache), and 32GB system memory (2 memory modules with 8 * 2GB 1 rank DDR2 DIMMs), 2 * 146GB SAS hard disks, 1 DVD-ROM, 2* Gb Ethernet ports, 1 I/O tray with 4 PCI-E and 1 PCI-X slots, 4 power supplies (220V with N+N redundancy or 110V), RoHS-5.	2
2	SEFX61Z	Sun SPARC Enterprise Server I/O Tray with 4 * PCI-E slots and 1 * PCI-X slots for use with SPARC Enterprise M5000 and M4000 servers (note, M4000 servers pre-configured with 1 I/O tray maximum). Second I/O tray required on M5000 for use of optional disk drives 3 and 4. RoHS-5.	2
3	SEPX3C11Z	146GB 10K RPM 2.5" SAS disk drive. RoHS-6	2
4	SG-XPCIE2FC-QF4	Sun Storage Tek PCI-E Enterprise 4Gb FC host bus adapter, Dual channel includes standard and low profile brackets, low profile form factor. RoHS 6 compliant	8
5	X4447A-Z	Sun x8 PCI express Quad Gigabit Ethernet UTP low profile adapter, LP bracket on board, Std bracket included, RoHS-6 compliant. The card uses Sun multithreaded Neptune ASIC with enhanced performance	8
6	SELX1B1Z	Sun SPARC Enterprise server CPU Module with 2 * 2.4GHz SPARC64 VII four-core processors with 5MB on-chip L2 cache for use with SPARC Enterprise M4000 and M5000 servers. RoHS-5.	2
7	SELX2B2Z	Sun SPARC Enterprise Server Memory Module includes 8 * 2GB 1 rank DIMMs, 16GB total memory. For use with SPARC Enterprise M4000 and M5000 servers, RoHS-5.	8
8	SELX9P41Z	Power Cord for SPARC Enterprise Server M4000 and M5000; 125Volt/13Amps, USA, Canada, C19, 2.5 Meter, RoHS-5	8
9	CLUIS-320-V929	Sun Cluster 3.2 server entitlement fee for Sun Enterprise M5000. One entitlement required per server. Invoice only.	2
10	SEPX3C11Z	146GB 10K RPM 2.5" SAS disk drive. RoHS-6	2
11	CLAIS-XXR-9999	Sun Cluster agent license HA Oracle agent. One license required per cluster.	2
12	CLAIS-XXG-9999	Sun Cluster agent license for Scalable SAP Agent license. One license required per cluster	2

BIDW			
M5000 4 x SPARC VII w/64GB			
1	SEFASY11Z	Sun SPARC Enterprise M5000 Base Server Cabinet (ATO Base) , 1 DVD-ROM, 2*Gb Ethernet ports, 1 I/O tray with 4 PCI-E and 1 PCI-X slots, 4 power supplies (110V or 220V with N+N redundancy), RoHS-5.	1
2	SEPY3C11Z	146 GB 10K 2.5 SAS disk drive with bracket, for use with SPARC Enterprise M4000 and M5000 servers, RoHS-6.	4
3	SEFY61Z	Sun SPARC Enterprise Server I/O Unit with 4 * PCI-E slots and 1 * PCI-X slots for use with SPARC Enterprise M5000 and M4000 servers. RoHS-5.	1
4	X4447A-Z	Sun x8 PCI-E Quad Gigabit Ethernet UTP, LP bracket on board, Std bracket included, RoHS-6 compliant. The card uses Sun Multithreaded Neptune ASIC with enhanced performance	2
5	SG-XPCIE2FC-QF4	Sun Storage tek PCI-E Enterprise 4Gb FC host bus adapter, dual port, includes standard and low profile brackets, factory configurable. RoHS 6 compliant	2
6	SELY1B1Z	Sun SPARC Enterprise server CPU Module with 2 * 2.4GHz SPARC64 VII four-core processors with 5MB on-chip L2 cache for use with SPARC Enterprise M4000 and M5000 servers. RoHS-5.	2
7	SELY2B2Z	Sun SPARC Enterprise Server Memory Module includes 8 * 2GB 1 rank DIMMs, 16GB total memory. For use with SPARC Enterprise M4000 and M5000 servers, RoHS-5. (ATO)	4
8	SELX9P41Z	Power Cord for SPARC Enterprise Server M4000 and M5000; 125Volt/13Amps, USA, Canada, C19, 2.5 Meter, RoHS-5	4
9	SELY9EF1Z	Sun SPARC Enterprise M4000/M5000 server I/O unit option filler panel. (For Factory Integration Only)	6
10	SELY9UF1Z	Sun SPARC Enterprise M4000/M5000 server memory option filler panel. (For Factory Integration Only)	4
11	SELY9CF1Z	Sun SPARC Enterprise M4000/M5000 server cpu board option filler panel. (For Factory Integration Only)	2
12	SELY9TF1Z	Sun SPARC Enterprise M4000/M5000 server DAT option filler panel. (For Factory Integration Only)	1
Sun Blade 6000 - 1x6320 w/64GB RAM & 5x6320 w/32GB			
1	A90-A	1 Sun Blade 6000 Chassis, 10U, 2 6000W power supply modules 6 redundant rear fan modules, 1 Chassis Monitoring Module, Rack Mount Rail Kit, Accessory Kit with Dongle and RJ45-DB9 adapter, Filler panels: 9 Server Module, 20 EM, 2 NEM. RoHS-5	1
2	A95-AC	Sun blade T6320 XATO base module with 1 8 core 1.2GHz UltraSPARC T2 processor, no memory, no SAS controller or disk , RoHS-5.	6
3	8064A	Pre-install S1U6, JES7 , LDOM 1.0.3 image on T6320 ATO disk	6

4	4204A	8GB Memory kit, Fully Buffered DIMM w/ ECC (2x4GB) for Sun Blade T6320 UltraSPARC T2 servers. For Factory Integration, RoHS-5.	8
5	RA-SS2CF-146G10K	146GB 10K RPM 2.5" SAS hard disk drive with Marlin bracket. RoHS-6. XATO.	24
6	X4621A	Sun Blade 6000 Family Dongle Cable with 1 video, 2 USB, 1 DB9 Serial and 1 RJ45. Includes an additional DB9 to RJ45 Adapter. RoHS-5.	6
7	4607A	Sun Blade RAID 0/1 G2 Expansion Module (X-option)	6
8	4203AF	4GB FB DIMM Kit: consist of two 2 GB dual rank FB DIMM. RoHS-5.	40
9	X5075A-Z	PWR CORD, QTY 4, AC INPUT, 16A (EPAC: IEC 309 to IEC 320, 4m) for the Sun Blade 6000 or the Sun Blade 8000 P Modular System, RoHS-6	1
10	SG-XPCIE2FCGBE-Q-Z	Sun Storage Tek Dual 4Gb FC Dual GbE HBA in Express Module form factor, RoHS-6 compliant, Qlogic. X-Option.	12
11	X4250A	Sun Blade 6000 GbE 10-port Pass-Thru Network Express Module. RoHS-5.	2
Development + Quality Server T5220 w/32GB 8x300GB HDD			
1	SEDAC142Z	Sun SPARC Enterprise T5220 Server Base, 8 Core 1.2GHz UltraSPARC T2 processor, 128MB Service Processor, no memory, no disks, no DVD, 4 - 10/100/1000 Ethernet ports, 1 serial port, 4 USB ports, 4 dedicated PCI-E low profile slots, 2 PCI-E low profile or XAUI (10Gb Ethernet) slots, no power supplies, RoHS-6 compliant. (For Factory Integration Only)	1
2	SESY9SD1Z	Software pre-install for Sun SPARC Enterprise T5120, T5220, T5140 and T5240. Includes Solaris 10 10/08 (Update 6) plus required patches, JES5, Sun Studio 12, LDOMS Manager, and CMT developer tools. (For Factory Integration Only)	1
3	X311L	Localized Power Cord Kit North American/Asian This Product is Hazard Class Y, RoHS compliant.	1
4	SESY2B2Z	4 GB Memory Expansion (2 x 2GB) low-profile FBDIMMs, Gen 2, 1.8 V, for Sun SPARC Enterprise, RoHS 6. (For Factory Integration Only)	8
5	X4447A-Z	Sun x8 PCI-E Quad Gigabit Ethernet UTP, LP bracket on board, Std bracket included, RoHS-6 compliant. The card uses Sun Multithreaded Neptune ASIC with enhanced performance	1
6	SESY9DV1Z	DVD drive assembly with 8x DVD+/-RW, slot load, slim line. For use with Sun SPARC Enterprise T5120, T5220, T5140 & T5240. RoHS-6 For Factory Integration Only	1
7	SEDY9PS31Z	AC power supply unit, 750W, for use with Sun SPARC Enterprise T5220. RoHS-6. (For Factory Integration Only)	2
9	SESY3G11Z	300GB, 10K RPM 2.5 SAS disk drive with Marlin bracket (Qty. 1). For use with Sun SPARC Enterprise T5120, T5220, T5140 and T5240. ROHS 6. ATO option.	8
10	SESX9RK2Z	Express Rail (tool-less) slide rail kit for rack mounting of the Sun SPARC Enterprise T5120, T5220, T5140 & T5240. RoHS-6. X option	1

11	SEDY9BB1Z	8 disk capacity disk backplane. For use with Sun SPARC Enterprise T52200. RoHS-6. (For Factory Integration Only)	1
12	SEDY9LS1Z	Standard agency label for SPARC Enterprise T5220 AC 8 HDD (For Factory Integration Only)	1
13	SESY9BC1Z	Shipping box used for 2U AC Power Supply Units	1
Veritas Storage Foundation			
1	VSTOR-500-9999	Stor.Solutions 5.0 Med-Solaris	1
2	VSFSL-500-3B99	SF Std. 5.0 Tier 3B	3
3	VSFEL-500-1C99	SF Std. 5.0 Tier 1C	3

Note: No deviation is allowed in the technical bill of material.



Format for PRICE BID

SUN SERVER

Sr. No	Product Number	Description	Qty	Unit Price	Tax if any	Total Amount including Tax
ISUCCS						
1	SEFPECC2Z	Sun SPARC Enterprise M5000 server. Includes 4*2.4GHz SPARC64 VII four-core Processors (2 CPU boards with 2 *CPUS each & 5MB on-chip L2 cache), and 32GB system memory (2 memory modules with 8 * 2GB 1 rank DDR2 DIMMs), 2 * 146GB SAS hard disks, 1 DVD-ROM, 2*Gb Ethernet ports, 1 I/O tray with 4 PCI-E and 1 PCI-X slots, 4 power supplies (220V with N+N redundancy or 110V), RoHS-5.	2			
2	SEFX61Z	Sun SPARC Enterprise Server I/O Tray with 4 * PCI-E slots and 1 * PCI-X slots for use with SPARC Enterprise M5000 and M4000 servers (note, M4000 servers pre-configured with 1 I/O tray maximum). Second I/O tray required on M5000 for use of optional disk drives 3 and 4. RoHS-5.	2			
3	SEPX3C11Z	146GB 10K RPM 2.5" SAS disk drive. RoHS-6	2			
4	SG-XPCIE2FC-QF4	Sun Storage Tek PCI-E Enterprise 4Gb FC host bus adapter, Dual channel includes standard and low profile brackets, low profile form factor. RoHS 6 compliant	8			
5	X4447A-Z	Sun x8 PCI express Quad Gigabit Ethernet UTP low profile adapter, LP bracket on board, Std bracket included, RoHS-6 compliant. The card uses Sun multithreaded Neptune ASIC with enhanced performance	8			
6	SELX1B1Z	Sun SPARC Enterprise server CPU Module with 2 * 2.4GHz SPARC64 VII four-core processors with 5MB on-chip L2 cache for use with SPARC Enterprise M4000 and M5000 servers. RoHS-5.	2			
7	SELX2B2Z	Sun SPARC Enterprise Server Memory Module includes 8 * 2GB 1 rank DIMMs, 16GB total memory. For use with SPARC Enterprise M4000 and M5000 servers, RoHS-5.	8			
8	SELX9P41Z	Power Cord for SPARC Enterprise Server M4000 and M5000; 125Volt/13Amps, USA, Canada, C19, 2.5 Meter, RoHS-5	8			
9	CLUIS-320-V929	Sun Cluster 3.2 server entitlement fee for Sun Enterprise M5000. One entitlement required per server. Invoice only.	2			
10	SEPX3C11Z	146GB 10K RPM 2.5" SAS disk drive. RoHS-6	2			
11	CLAIS-XXR-9999	Sun Cluster agent license HA Oracle agent. One license required per cluster.	2			
12	CLAIS-XXG-9999	Sun Cluster agent license for Scalable SAP Agent license. One license required per cluster	2			
BIDW						
M5000 4 x SPARC VII w/64GB						

1	SEFASY11Z	Sun SPARC Enterprise M5000 Base Server Cabinet (ATO Base) , 1 DVD-ROM, 2*Gb Ethernet ports, 1 I/O tray with 4 PCI-E and 1 PCI-X slots, 4 power supplies (110V or 220V with N+N redundancy), RoHS-5.	1			
2	SEPY3C11Z	146 GB 10K 2.5 SAS disk drive with bracket, for use with SPARC Enterprise M4000 and M5000 servers, RoHS-6.	4			
3	SEFY61Z	Sun SPARC Enterprise Server I/O Unit with 4 * PCI-E slots and 1 * PCI-X slots for use with SPARC Enterprise M5000 and M4000 servers. RoHS-5.	1			
4	X4447A-Z	Sun x8 PCI-E Quad Gigabit Ethernet UTP, LP bracket on board, Std bracket included, RoHS-6 compliant. The card uses Sun Multithreaded Neptune ASIC with enhanced performance	2			
5	SG-XPCIE2FC-QF4	Sun Storage tek PCI-E Enterprise 4Gb FC host bus adapter, dual port, includes standard and low profile brackets, factory configurable. RoHS 6 compliant	2			
6	SELY1B1Z	Sun SPARC Enterprise server CPU Module with 2 * 2.4GHz SPARC64 VII four-core processors with 5MB on-chip L2 cache for use with SPARC Enterprise M4000 and M5000 servers. RoHS-5.	2			
7	SELY2B2Z	Sun SPARC Enterprise Server Memory Module includes 8 * 2GB 1 rank DIMMs, 16GB total memory. For use with SPARC Enterprise M4000 and M5000 servers, RoHS-5. (ATO)	4			
8	SELX9P41Z	Power Cord for SPARC Enterprise Server M4000 and M5000; 125Volt/13Amps, USA, Canada, C19, 2.5 Meter, RoHS-5	4			
9	SELY9EF1Z	Sun SPARC Enterprise M4000/M5000 server I/O unit option filler panel. (For Factory Integration Only)	6			
10	SELY9UF1Z	Sun SPARC Enterprise M4000/M5000 server memory option filler panel. (For Factory Integration Only)	4			
11	SELY9CF1Z	Sun SPARC Enterprise M4000/M5000 server CPU board option filler panel. (For Factory Integration Only)	2			
12	SELY9TF1Z	Sun SPARC Enterprise M4000/M5000 server DAT option filler panel. (For Factory Integration Only)	1			
Sun Blade 6000 - 1x6320 w/64GB RAM & 5x6320 w/32GB						
1	A90-A	1 Sun Blade 6000 Chassis, 10U, 2 6000W power supply modules 6 redundant rear fan modules, 1 Chassis Monitoring Module, Rack Mount Rail Kit, Accessory Kit with Dongle and RJ45-DB9 adapter, Filler panels: 9 Server Module, 20 EM, 2 NEM. RoHS-5	1			
2	A95-AC	Sun blade T6320 XATO base module with 1 8 core 1.2GHz UltraSPARC T2 processor, no memory, no SAS controller or disk , RoHS-5.	6			
3	8064A	Pre-install S1U6, JES7 , LDOM 1.0.3 image on T6320 ATO disk	6			
4	4204A	8GB Memory kit, Fully Buffered DIMM w/ ECC (2x4GB) for Sun Blade T6320 UltraSPARC T2 servers. For Factory Integration, RoHS-5.	8			
5	RA-SS2CF-146G10K	146GB 10K RPM 2.5" SAS hard disk drive with Marlin bracket. RoHS-6. XATO.	24			
6	X4621A	Sun Blade 6000 Family Dongle Cable with 1 video, 2 USB, 1 DB9 Serial and 1 RJ45. Includes an additional DB9 to RJ45 Adapter. RoHS-5.	6			
7	4607A	Sun Blade RAID 0/1 G2 Expansion Module (X-option)	6			
8	4203AF	4GB FB DIMM Kit: consist of two 2 GB dual rank FB DIMM. RoHS-5.	40			
9	X5075A-Z	PWR CORD, QTY 4, AC INPUT, 16A (EPAC: IEC 309 to IEC 320, 4m) for the Sun Blade 6000 or the Sun Blade 8000 P Modular System, RoHS-6	1			

10	SG-XPCIE2FCGBE-Q-Z	Sun Storage Tek Dual 4Gb FC Dual GbE HBA in Express Module form factor, RoHS-6 compliant, Qlogic. X-Option.	12			
11	X4250A	Sun Blade 6000 GbE 10-port Pass-Thru Network Express Module. RoHS-5.	2			
Development + Quality Server T5220 w/32GB 8x300GB HDD						
1	SEDAC142Z	Sun SPARC Enterprise T5220 Server Base, 8 Core 1.2GHz UltraSPARC T2 processor, 128MB Service Processor, no memory, no disks, no DVD, 4 - 10/100/1000 Ethernet ports, 1 serial port, 4 USB ports, 4 dedicated PCI-E low profile slots, 2 PCI-E low profile or XAUI (10Gb Ethernet) slots, no power supplies, RoHS-6 compliant. (For Factory Integration Only)	1			
2	SESY9SD1Z	Software pre-install for Sun SPARC Enterprise T5120, T5220, T5140 and T5240. Includes Solaris 10 10/08 (Update 6) plus required patches, JES5, Sun Studio 12, LDOMS Manager, and CMT developer tools. (For Factory Integration Only)	1			
3	X311L	Localized Power Cord Kit North American/Asian This Product is Hazard Class Y, RoHS compliant.	1			
4	SESY2B2Z	4 GB Memory Expansion (2 x 2GB) low-profile FBDIMMs, Gen 2, 1.8 V, for Sun SPARC Enterprise, RoHS 6. (For Factory Integration Only)	8			
5	X4447A-Z	Sun x8 PCI-E Quad Gigabit Ethernet UTP, LP bracket on board, Std bracket included, RoHS-6 compliant. The card uses Sun Multithreaded Neptune ASIC with enhanced performance	1			
6	SESY9DV1Z	DVD drive assembly with 8x DVD+/-RW, slot load, slim line. For use with Sun SPARC Enterprise T5120, T5220, T5140 & T5240. RoHS-6 For Factory Integration Only	1			
7	SEDY9PS31Z	AC power supply unit, 750W, for use with Sun SPARC Enterprise T5220. RoHS-6. (For Factory Integration Only)	2			
9	SESY3G11Z	300GB, 10K RPM 2.5 SAS disk drive with Marlin bracket (Qty. 1). For use with Sun SPARC Enterprise T5120, T5220, T5140 and T5240. ROHS 6. ATO option.	8			
10	SESX9RK2Z	Express Rail (tool-less) slide rail kit for rack mounting of the Sun SPARC Enterprise T5120, T5220, T5140 & T5240. RoHS-6. Xoption	1			
11	SEDY9BB1Z	8 disk capacity disk backplane. For use with Sun SPARC Enterprise T52200. RoHS-6. (For Factory Integration Only)	1			
12	SEDY9LS1Z	Standard agency label for SPARC Enterprise T5220 AC 8 HDD (For Factory Integration Only)	1			
13	SESY9BC1Z	Shipping box used for 2U AC Power Supply Units	1			
Veritas Storage Foundation						
1	VSTOR-500-9999	Stor.Solutions 5.0 Med-Solaris	1			
2	VSFSL-500-3B99	SF Std. 5.0 Tier 3B	3			
3	VSFEL-500-1C99	SF Std. 5.0 Tier 1C	3			
Total in Figures:						
Total in Words:						

Grand Total Rs. _____ **(In Figures & Words)**

Name _____

Tel./Mobile No. _____

E-mail ID _____

Signature with Seal

Date:

Place: