

**TENDER DOCUMENT
FOR SUPPLY OF SERVERS, STORAGE DEVICE(SAN), SWITCH,
STORAGE TAPE AND ORACLE (DATABASE & IAS)**

**TAMILNADU TOURISM DEVELOPMENT CORPORATION LIMITED
TOURISM COMPLEX,
No.2, Wallajah Road, Chennai- 600 002.**

Telephone(s) : 25367850 to 54 Fax.(044) 25381567/25382772
E-mail: ttdc@vsnl.com Website : <http://www.tamilnadutourism.org>

TAMILNADU TOURISM DEVELOPMENT CORPORATION LIMITED
TOURISM COMPLEX,
No.2 Wallajah Road, Chennai- 600 002.

Telephone No. 2536780 to 25367854 Fax: 044-25381567

TENDER FOR SUPPLY OF SERVERS, STORAGE DEVICE (SAN), SWITCH, STORAGE
TAPE ER AND ORACLE (DATABASE & IAS)

Bid Reference : 1946/IT/2009
Dt: 09-07-2010

Date of commencement of sale of Bidding document : From the Date of advertisement
on all working days
(Monday to Friday)
Between 10am to 5 pm

Period for sale of Tender Document : From date of Advt. to 28-07-2010

Last Date & Time for submission Of Technical & Price bids : 29-07-2010 upto 3.00 pm

Date & Time of opening Of Technical bid : 29-07-2010 at 4.00 pm

Place of opening Bids : Tamilnadu Tourism Dev. Corporation Ltd.,
Tourism Complex
3rd Floor
2, Wallajah Road, Chennai-2

Address for communication : Tamilnadu Tourism Dev. Corporation Ltd.,
Tourism Complex
3rd Floor
2, Wallajah Road
Chennai -2.

CONTENTS

- 1. INSTRUCTIONS AND CONDITIONS TO THE TENDERER –(ANNEXURE –I)**
- 2. EVALUATION CRITERIA (ANNEXURE –II)**
- 3. TECHNICAL BID FOR PREQUALIFICATION ALONG WITH SPECIFICATION OF REUIRED ITEMS FOR THE TENDERERS (ANNEXURE – III)**
- 4. PRICE BID (ANNEXURE – IV)**

**TAMILNADU TOURISM DEVELOPMENT CORPORATION LTD.
TOURISM COMPLEX, 2, WALLAJAH ROAD, CHENNAI-2**

**NATURE OF WORK : SUPPLY OF SERVERS, STORAGE
DEVICE(SAN), SWITCH, STORAGE TAPE AND ORACLE
(DATABASE & IAS)**

INSTRUCTION TO TENDERER:

1. Sealed tenders are invited from reputed manufacturer companies/organizations/firms or authorised dealer specifically authorised by the manufactures for supply of servers, storage Device(SAN), switch, storage tape and Oracle (Database & IAS) by Tamilnadu Tourism Development Corporation Limited, Chennai-2 upto 3.00 PM on 29-07-2010
2. Tenders should be in the prescribed original tender document obtained from the above address and it should be in two separate wax sealed covers superscribed as “Technical Bid for supply of servers, storage Device(SAN), switch, storage tape and Oracle (Database & IAS)” and “Price bids supply of servers, storage Device(SAN), switch, storage tape and Oracle (Database & IAS)” to the Managing Director, Tamilnadu Tourism Development Corporation Limited, Chennai-2 by designation. Sealed tenders can be submitted in person or sent by post at the following address:

Managing Director
Tamilndu Tourism Development Corporation Ltd.
Tourism Complex, 3rd Floor
No.2, Wallajah Road, Chennai-2.

The tenders not in the prescribed original tender document will be summarily rejected.

3. The Technical bid must be accompanied by an Earnest Money Deposit as Rs.40,000/-(Rupees Forty thousand only) payable by crossed demand draft on any of the nationalised Bank having its office at Chennai. The Demand Draft should be drawn in favour of "Tamilnadu Tourism Development Corporation Limited." No other form of Earnest Money deposit will be accepted.
4. The Eligibility Criteria of the tenderer are at **Annexure II.** Tenders received without Earnest Money Deposit along with Technical bid will not be accepted and the same will be summarily rejected.
5. The successful bidder shall be intimated on his selection for the award of contract,
6. The successful tenderer should furnish security deposit equivalent to 10% of the tender value either by D.D or by Bank Gurantee from a Nationalised Bank/Scheduled Bank valid for one year within one week from the date of receipt of letter from TTDC intimating the selection of the bidder for the award of contract. The successful tenderer shall also execute the agreement in the proforma prescribed by the TTDC along with the Bid security.
7. Earnest Money Deposit of the successful bidder shall be forfeited in the event of withdrawal of his bid, before the bid validity period or in the event of the failure of successful bidder to furnish the security deposit or to execute the agreement within the specified period. In addition to the forfeiture of Earnest Money Deposit, steps will be taken to blacklist the defaulter.

8. The tenderer (authorised signatory of the company) should sign at the bottom space of all the pages of tender document.
9. The rates tendered shall be inclusive of Sales Tax and other taxes, if any that may be levied by the appropriate authorities. The breakup details such as Basic price, Sales tax, Insurance, Transportation and other charges if any, etc. should be indicated separately in the Annexure to the Price bid schedule. As per the Government guidelines issued as a sequel to the Transparency in Tenders Act, the Price bids will be evaluated reckoning all Duties, Insurance, Transportation etc. but local sales tax will be excluded. The format for quoting price bid is at **Annexure IV.**
10. The Technical Bid will be opened at the Registered Office of Tamilnadu Tourism Development Corporation Ltd., 3rd Floor, Tourism Complex, No.2 Wallajah Road, Chennai-2 on 29-07-2010 at 4.00 P.M. The qualified tenderer's price bid will be opened on a date and time which will be intimated later to the technically qualified tenderers. Both the bids will be opened in the presence of tenderers or their authorised representative who choose to be present at that time.
11. The Earnest Money Deposit of unsuccessful tenderers will be refunded after a decision taken on the tender. For the successful tenderer Earnest Money Deposit will be refunded after delivery, installation and commission of computer system in good condition as per the specifications.
12. The amount deposited as Earnest Money Deposit as required in Clause 3 above will not carry any interest.

13. The successful Tenderer will be intimated about the acceptance. Hence no enquiry in this regard need be made.
14. All columns in the tender schedule shall be duly, properly and exhaustively filled in ink. The rate shall be entered in words also underneath the figures. No alteration in the description of the schedule shall be permitted. All corrections should be authenticated under the full signature of the tenderer. In case of variations in the rate quoted in words and in figures, the rate quoted in words only will be taken into consideration.
15. The tender shall be valid for 90 days from the date of opening of price bid.
16. The supply should be effected as per specifications furnished in **Annexure III** and as per delivery schedule.

Delivery Schedule & Installation

The ordered Servers, Storage Device(SAN), switch, storage tape and Oracle (Database& IAS) should be supplied and installed, in Corporate office, TTDC within 30 days from the date of receipt of supply order.

17. Delay in supply will lead to penalty @ 1% of the value of tender for every week of delay or part thereof. (i.e exceeding three days will be calculated as one week)

18. If delay in supply exceeds 30 days from the delivery schedule, the acceptance order will be liable for cancellation in total or partial, liquidated damages will be levied to the extent of 10% of the total value of items cancelled and the supplier will be blacklisted.
19. a) If it is found that the items so supplied are not as per supply order specifications, the supply made will be rejected and the supplier will be black listed, liquidated damages will be levied to the extent of 10% of the total value of items cancelled and Earnest Money Deposit will be forfeited.
- b) The tenderer should have supplied the quality as per the supply orders received by him in the past and there shall be no instance of cancellation of purchase orders issued in his favour, due to his default.
20. **Warranty** : The Servers, Storage Device(SAN), switch, storage tape should a minimum guarantee period of three years from the date of installation at Corporate office. The supplier shall warrant the Goods supplied under this contract as new, unused and shall have no defect arising from materials or workmanship or from any act or omission of the supplier, that may develop under normal use of the supplied Goods for a period of three years from the date of supply. All defective items shall be replaced immediately during the warranty period. The purchase cost of such defective items shall be recovered from supplier as liquidated damages.
21. Tenderers should clearly mention the brand name towards supply of hardware and the same has to be accompanied with a authenticity certificate at the time of supply.

22. The Successful Tenderer should prove the Bench Mark Test results on the machine quoted by the Tenderers failing which the Tenders will be summarily rejected. For each bench mark program run, the following details are to be furnished for each configuration.
- a) CPU Time (system and user time) and total connect time for compilation, linking, execution.
 - b) All the results should be furnished along with the tender before the due date. Bench mark results sent in bits and pieces will not be accepted for evaluation.
 - c) Bench mark results submitted once can not be altered under any circumstances. Furnishing incomplete results (timings, listings, outputs) will result in rejection of the results.
 - d) Bench mark results should be reproduced after the installation of the computer system.
23. The tenderer should quote the rate for AMC of the Servers, storage Device(SAN), switch, storage tape and Oracle (Database & IAS) after the completion of warranty period offered by the tenderer. The AMC is payable once in a half year in advance against invoices/bills to be preferred by the Tenderer. The tenderer should provide comprehensive maintenance of the computer hardware which shall include preventive maintenance and corrective maintenance at the location specified by the TTDC. The maintenance shall also include replacement of all parts such as mother boards, hard disk except consumable items. The equipment which is down should be restored in good working condition within 48 hours. Otherwise the supplier shall be liable for a penalty of 1% per week of the breakdown period on the total price of the system.

24. The latest Sales tax clearance certificate and audited balance sheet for the last three years should be produced along with the technical bid.
25. The tenderer shall be solely responsible for the payment of Sales Tax and other taxes, if any levied by the Government and other local bodies. TTDC will issue Form – “C” against CST.
26. The two sealed covers containing and superscribed as “Technical Bid” and “Price bid” separately, should be submitted along with a covering letter in separate sealed cover.
27. The tenderer should enclose the brochure/catalogue and previous copies of indent orders for the supply of Servers, Storage Device(SAN), Switch, storage tape and Oracle(Database & IAS) received from various customers and their certificate of performance, etc along with the Technical bid.
28. **Fixed Price** Prices quoted by the bidder shall be fixed the Bidder’s performance of the contract and not subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected.
29. The Bidder shall furnish, as part of its bid, documents establishing the conformity to the bidding documents of all Servers, Storage Device(SAN), switch, storage tape and Oracle- Database & IAS which the bidder proposed to supply under the contract.

30. In exceptional circumstances, the TTDC may solicit the bidders consent to an extension of the period of validity. The request and the responses thereto shall be made in writing(or by cable or telex). The bid security provided shall be suitably extended. A bidder may refuse the request without forfeiting its bid security. A bidder granting the request is not required or permitted to modify its bid.
31. Bids must be received by the TTDC at the address specified not later than the time and the date specified in the Invitation of Bids. In the event of the specified date for the submission of bids being declared a holiday for the TTDC, the bids will be received up to the appointed time on the next working day.
32. The TTDC may, at its discretion, extend the deadline for submission of bids by amending the bid documents. In which case all rights and obligations of the TTDC and bidders previously subject to the deadline will there after be subject to the deadline as extended.
33. During evaluation of bids, the TTDC may, at its discretion, ask the bidder for clarification of its bid. The request for clarification and the response shall be in writing.
34. The TTDC will scrutinise 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. Bids from representatives, without proper authorisation from the manufacturer shall be treated as non-responsive.

35. No bidder shall contact the TTDC on any matter relating to its bid, from the time of bid opening till the contract is awarded.
36. Any effort by a bidder to influence the TTDC in the TTDC's bid evaluation, bid comparison or contract award decisions may result in rejection of the bidders bid.
37. The TTDC reserves the right at the time of award of contract to increase or decrease the quantity of items originally specified in the schedule of requirements without any change in unit price or other terms and conditions.
38. The notification of award will constitute the formation of the contract.
39. In the event TTDC terminating the contract in whole or in part, for non supply of Servers, Storage Device(SAN), switch, storage tape and Oracle- Database & IAS as per delivery schedule the TTDC may procure, upon such terms and in such manner as it deems appropriate. The Servers/computers similar to those undelivered, and the Supplier shall be liable to the TTDC for any excess costs for such similar Servers/computers. However, the supplier shall continue the performance of the contract to the extent not terminated.
40. The tenders submitted beyond the date and time fixed shall be summarily rejected.
41. Any postal delay or loss in transit will not bind TTDC Ltd.

42. The Managing Director, Tamilnadu Tourism Development Corporation Ltd., reserves the right either to accept or reject any or all the tenders at any time prior to award of contract.
43. Evaluation of tenders would be in accordance with the provisions of Tamilnadu Transparency in Tenders Act 1998.
44. Disputes if any arises, the Arbitrator will be appointed by mutual consent of both the parties and the arbitration proceedings will be as per Arbitration Act. The Jurisdiction will be at Chennai.

TERMS OF PAYMENT

45. a) 90% of the total cost of the system will be paid on the installation, commissioning and handing over of the Hardware after testing all the software and fulfilling the technical specifications.
- b) The balance 10% will be retained during the warranty period as performance guarantee and will be paid after successful completion of warranty. Alternatively if the supplier furnish the bank guarantee for the equivalent amount, 10% payment can also be released.

SIGNATURE OF
THE TENDERER.
DATE:

MANAGING DIRECTOR
TTDC LTD., CHENNAI.

ANNEXURE II

TAMILNADU TOURISM DEVELOPMENT CORPORATION LTD, CHENNAI

TECHNICAL BID FOR PREQUALIFICATION

Eligibility Criteria for the Tenderer:

1. The Organisation should be an ISO 9000 (documentary proof to be attached)
2. The Bidder should have an average annual Turnover of Rs.50 Cores during the preceding 3 years viz 2007-08, 2008-09, and 2009-10 (Copy of audited annual reports to be enclosed)
3. The organisation should have minimum 10 years experience in the field. (Documentary proof should be enclosed)
4. The Bidder should have supplied Servers, Computers and Printers to Tourism Development Corporations or other state and Central Government/undertakings Departments/reputed companies in the private sector. (Documentary proof to be enclosed)
5. Authorised dealers of the manufacturer are eligible to participate in the tender provided they should furnish the manufacture's authorisation for the items quoted in the format provided in the tender documents.
6. The Organisation should have service centre facilities with a minimum of 100 technical professionals in Chennai city and other areas. Certificate from Bidder HR Department for number of Technically qualified professionals employed by the company.(Documentary Proof)
7. Bidder should have furnished authorized service support certificate from the OEM for Servers and other devices(Documentary proof)
8. No. of Service Engineers experienced in the specified Servers and accessories (category wise) to be furnished
9. Latest sales tax clearance certificate to be furnished.

DATED, SIGNATURE OF
THE TENDERER.

MANGING DIRECTOR,
TTDC LTD., CHENNAI.

ANNEXURE III**SPECIFICATIONS OF SERVERS, STORAGE DEVICE(SAN),
SWITCH,
STORAGE TAPE AND ORACLE DATABASE & IAS**

<u>Configuration</u>	<u>No. of items Required</u>
1.	
RISC SERVER (2RU - Rack mountable)	
2 Nos.	
Processor : 1 Physical RISC based CPU (RISC) with Quad Core 64-bit Processor with latest technology @ 2.75 GHz or higher, supporting of Mainframe class reliability (CPU board Technology) 16 bit high performance RISC Architecture.	
Architecture : Non blocking Crossbar Switch architecture, ECC protected	
Cache per processor : 5 MB L2 or better	
Main Memory : Minimum 32 GB Scalable to 64 GB per Domain/System Extended ECC, Memory sparing, parity protection with Memory Page retirement	
Performance : System bandwidth of atleast 20 GB/sec	
Internal disk : Minimum 2 x 300-GB SFF 10K RPM hot plug SAS/FC Drives, Scalable to 4 Drives Internal hardware RAID 0 (striping) and RAID 1 (mirroring) supported	
Internal DVD : One DVD-RW Drive	
Integrated I/O : Minimum 4 x PCI-E slots, Minimum 4x 10/100/1000 (Gigabit Ethernet) Ethernet ports	
USB : At least 1 USB ports and one serial port	
Form Factor : Rack Mountable, Minimum RU will be preferred, Not more than 2 RU	
Server RAS Feature : Predictive Failure Analysis, Directive Maintenance, First Fault Isolation Nondeferred Error logging, dynamic CPU resource deallocation, Dual power feed, Check/recovery mechanism in processor, ECC on address and data path. Extended ECC memory, L1 & L2 cache line degradation.	

Management	<p>: Web, CLI and GUI interfaces to manage inventory and environmental conditions of CPU, Memory, Power Supplies Watchdog, Boot time out, automatic server restart monitoring , Monitoring Fan Speed and Status, Monitoring Power Supply Status.</p> <p>Secure Remote Dynamic Management Infrastructure Lifecycle Management Software.</p> <p>The monitoring/control software facility consists of a dedicated processor that is independent from the system processor. It should runs on the service processor system. The software manages hardware configuration and health, error monitor and notification.</p>
Certification Certified to	<p>: Certified for Security, ergonomics, RFI/EMC and immunity.</p> <p>run Unix</p>
Host bus adapter	<p>: 4GB FC Dual Port HBA to be provided with each server</p>
Operating system	<p>: The Operating System for the above servers should be of same OEM brand as the servers and should have minimum features like full binary computability across versions, online OS upgrades and online kernel patching/upgrades, standard GUI utilities for system administration, virtualization performance overhead, online error detection and prevention of critical hardware components, provision to analyse system performance bottleneck in realtime, security features like built-in firewall, Roles Based access, Access control list, Process based priviliges, TCP wrappers, IPSec, Smart card support , Pluggable Authentication modules and more. An open source version of the Operating system should be available.</p> <p>UNIX 98 and later version complied for 64-Bit Architecture, with unlimited Systems user license.</p> <p>OS shall permit activation of additional processors without requiring a reboot.</p> <p>Journaling file system and a volume manager shall be provided with each server as to meet the tender requirements.</p> <p>Independent and isolated OS images shall be runs in each partition.</p> <p>OS shall support online version upgrades and patches online OS shall be provided with Server Management software.</p>

Cluster licenses Oracle	:	Necessary cluster licenses & Agent for Oracle Database and application Server to be provided
Power Supply	:	Two hot-swappable (providing N+1 redundancy)

2. STORAGE DEVICE(SAN)

1 No.

Storage Configuration	<p>The storage should be the product that preferably has the same brand as proposed server. 12 X 300 GB, 15K rpm SAS HDD</p> <p>Dual Controller architecture with high speed hardware XOR engine generator RAID parity calculations.</p> <p>Expandability to atleast 48 hard disk with min scalable to 48TB raw storage upto 4GB host side FC port with native support for point to point, SAN fabric and FC-AL and backward compatible to 1,2 and 4 GBPS host connectivity natively.</p> <p>Setting for both volume configuration and storage portioning should be stored in storage on every hard disk</p> <p>Should support OS clusters</p>
Controller card	Dual Fibre Channel RAID controller at Least 2 sets to manage automatic controller In case of failure.
Cache size (with ECC protection)	1 GB Minimum across dual controller
Host interfaces/link speeds	Two to four 4 GB/sec hosts connectivity natively.
RAID levels	0, 1 (1+0), 3, 5
Cache battery backup	Up to 72 hours (depending on cache size)

Dynamic capacity expansion	Support upto 48 Drives with 48 unit of SAS or SATA HDD In dual redundant drive loop config.
Expansion tray	Up to three expansion trays
Volume	Dynamic volume expansion where capacity of individual selected LUN/volume in a RAID array can be expanded/Increased
Maximum array capacity	Scalable upto 48TB raw storage. Supports dynamic array expansion where capacity of individual selected LUN/volume in RAID array can be increased.
Disk drives	Supported drives/system per tray capacity of different hard disk drive within same storage expansion module
Supported software (RAC)	<ul style="list-style-type: none"> * Sun Cluster Software * Sun Storage Tek Enterprise Backup Software * Flash copy or point in time software * Veritas Net Backup by Symantec * Veritas Storage Foundation by Symantec * Oracle Database – Oracle Real Application Clusters * Red Hat Enterprise Linux – Red Hat Cluster Suite * Windows Server 2003 – Server Cluster
Management software support	Web based interface/command line interface to monitor and configure system from anywhere in TCP/IP network
Operating System support	<ul style="list-style-type: none"> * Solaris Operating System 9.10 and x 86 * Microsoft Windows 2003, 2008 * SUSE Linux 9.0, 10.0 n * Red Hat Enterprise Linux 4.0, 5.0 * VMware ESX 3.0.2 and higher
IOPS	Published cache iops of 1,00,000 and more
Host/HBA/FC switches	All HBAs supported in SAN 4.4.12. 4nos of PCI-E enterprise 4GBFC host bus adapter ,Single channel includes standard and low profile brackets, low profile form factor.RoHS 6 compliant to be provided
Compliance	Storage box should be of NEBS compliance

Manuals

The Original User's manual and all related technical manual shall come with storage system

3. KVM SWITCH

1 No

Form Factor	1U
Ports	8 Ports 1 X Management Port 8 x Display/Video 15 Pin (HD-15) Dsub Female Pin 8 x Keyboard (PS2/USB)
Interface	8 x Mouse (PS2/USB)
Maximum Resolution	1920x1440
Rack Mount	Railing kit to be provided
Console with keyboard & mouse	19" TFT Monitor with Keyboard and Mouse
Cable with Accessories provided	Adequate cables and accessories to be To connect the Servers
Support	Linux/Solaris/ Windows 2003

4. STORAGE TAPE**1 No.**

Tape Drive type : LTO 4

Specification : 800GB/1600GB(Native/Compressed)

Data Transfer Rate : 80MB/Sec native throughput

Data Cartridge (pack of 20) : Should be offered with LTO 4 800GB Data Cartridge

Cleaning Cartridge : 5 Nos. LTO -4 LTO Cleaning Cartridge

5. 42U RACK**1 No**

- Color : Full Black/Grey
- Size : Width-600mm, Depth - 1000mm
- Monitor Tray, Keyboard & Mouse Tray
- Fan housing unit with 4 fans on top panel(should not occupy the usable U height) Two numbers of AC distribution box with 6 nos. 5/15 A sockets (one indicator, one fuse and one switch) , proper grounding
- Castors set of 4 with foot operated brakes
- Cable Manger – 1 No , Screw pack - 2 nos.
- Rear MS door with ventilation slots
- Removable side panels with slam latches
- Venting on side panels at bottom
- Top plate with cable entry cutouts
- Bottom cover with gland plate kit
- Should be able to deliver by knockdown condition if necessary

6. Oracle Software

- Oracle 10g Database standard edition one (processor based license)
- Oracle 10g (IAS) Application Server Standard Edition one (processor based license)

Scope of Work:

As per tender specification, the supplier should supply, installation and commissioning of the following items:

- 1) Hardware Installation of RISC Servers
- 2) OS Installation with Root Mirroring
- 3) Installation & Configuration of the Storage. The same should integrate with the Servers
- 4) Backup Device should be installed & configured.
- 5) Cluster to be installed and configured in the Server. Active-Standby Failover should be configured for the Database.
- 6) Oracle database and IAS to be installed and configured.

TRAINING

Upon acceptance of each Goods and/or services/Equipments Vendor shall provide TTDC's employees and technical staff with the training as set out in Equipments in the use of the Deliverable, develop adequate usage skills to maintain the smooth running of the Deliverable on a routine basis and perform trouble-shooting procedures to the Deliverable. The aforesaid training shall be conducted by Vendor at no charge to TTDC.

Note : 1. Warranty Should be minimum 3 Years for above said items except Oracle softwares.

2. Servers and Storage Device should be same OEM.

DATED, SIGNATURE OF
THE TENDERER.

MANGING DIRECTOR,
TTDC LTD., CHENNAI.

ANNEXURE IV

TAMILNADU TOURISM DEVELOPMENT CORPORATION LTD, CHENNAI-2

TENDERER SCHEDULE – PRICE BID**SUPPLY OF SERVERS, STORAGE DEVICE(SAN), SWITCH,
STORAGE TAPE AND ORACLE (DATABASE & IAS)****HARDWARE**

		Per Unit	Total Value
Servers	2 Nos.		
Storage Device(SAN)	1 No.		
KVM SWITCH	1 No.		
Storage Tape	1 No.		
42U Rack	1 No.		

SOFTWARE

Oracle 10g Database
Standard Edition one Processor (one)

Oracle 10g (IAS)
Application Server
Standard Edition one Processor (one)

ANNUAL MAINTENANCE CONTRACT RATE

		Warranty Period	AMC Rate per unit (Per annum)	Total AMC Value (Per annum)	In Terms of %
Servers	2 Nos.				
Storage Device(SAN)	1 No.				
KVM SWITCH	1 No.				
Storage Tape	1 No.				
42U Rack	1 No.				

SOFTWARE

Oracle 10g Database
Standard Edition one Processor (one)

Oracle 10g (IAS)
Application Server
Standard Edition one Processor (one)

(AMC to be quoted on a specific percentage on the basic price of Hardware and to be maintained for minimum period of 7 years)

Note: 1. Brand Name should be indicated for Servers and devices.

2. The price quoted should be inclusive of all costs and should indicate the following : Basic Price (inclusive of duties), Sales Tax, Transportation & other Charges.etc.

DATED, SIGNATURE OF
THE TENDERER.

MANGING DIRECTOR,
TTDC LTD., CHENNAI.