



“TERMS AND CONDITIONS FORM”

**IMPORTANT : READ ALL THE FOLLOWING TERMS AND CONDITIONS AND
SIGN THE ACCEPTANCE CLAUSE FOLLOWING IT**

1. The offers through post or hand delivery should be addressed to “**The Head, Computer Support Group, National Institute of Technology, Tiruchirappalli 620015, Tamilnadu, India**” and should be sent in a sealed envelope superscribed “**QUOTE AGAINST TENDER NOTIFICATION No.: NITT/CSG/NOV/2017 Item No. 1 : SERVERS**” so as to reach us **on or before 2.30 p.m. on December 20, 2017. Tenders received after deadline will be rejected summarily.**
2. Softcopy of the filled in Tender document (provided by NIT-T) in MS-Word format should be provided in a CD/DVD media or USB drive and should be enclosed along with the tender cover (this will be used for preparing comparative statements. Note that scanned copy / handwritten documents / PDF files will not be accepted). However, if there is any dispute between Hard copy and Soft copy, Hard copy will be taken.
3. The quote should also accompany along with a covering letter in your company letterhead with contact information such as contact person name, postal address, email id, and mobile number with signature.
4. Each offer should be sent in a sealed cover with the tender documents. Tenders received through email or FAX will not be normally considered.
5. The tenders will be opened on **December 20, 2017 at 3:00 p.m.** in the presence of the bidders present with authorization letter from the respective companies / firms. Bidders (vendors participating in the tender) intending to attend the tender opening should intimate us in advance.
6. If in any case, unscheduled holiday occurs on prescribed closing / opening date, the next working day shall be the prescribed date of closing / opening.
7. Full technical specifications such as make, model number, warranty should be specified and sent along with the tenders. **Offers without these details will be rejected.**
8. All offers should indicate the NET price (including taxes) or if required taxes and duties separately, if any. Additional charges for packing, forwarding, freight, insurance etc., if any, should be clearly mentioned.
9. NIT-T is paying concessional Customs & Excise duty under Government of India Notification No.51/96 for Central Customs and 10/97 for Central Excise Duty vide Certificate No.TU/V/RG-CDE(183)/2011 dt.10.10.11. Currently the purchaser is paying 5% Basic Customs Duty, 2% Educational Cess on Basic Customs Duty, 1% Higher Education Cess on Educational Cess, and 4% Import Additional Duty. This has been replaced by GST.
10. The Institute is not authorized to issue C and D forms.
11. 100% payment will be made only after delivery at NIT-T. **No advance payment will be made.** The payment will be normally made by the institute (for plan or project purchase) within 30 days of the receipt of the items along with invoice / bill (if the file is in order).
12. If the price quoted is in foreign currency and if the order value is more than US\$10,000 then 100% payment will be made through Letter of Credit (LC) at sight on acceptance. If the order value is less than US\$10,000, then 100% payment will be through a Telegraphic Transfer (TT). The bank charges outside India should be borne by the Supplier / Beneficiary. Part shipment is not allowed.
13. No revision of the price bid will be allowed once the price bids are opened.
14. No increase in price will be allowed after the arrival of NIT-T rate contract.
15. Price protection: At any later date during the 1 year NIT-T rate contact period if the market price is lower than the approved price, the market price will be applicable. If there is any hike in market price, the quoted price should be applicable.
16. Eligibility: Quotation from firms / company's / manufacturer registered under TNVAT/CST/GST laws of other states alone be considered. Any Manufacturer / Supplier / Dealer who has been declared ineligible by World Bank / Government of India shall not be eligible to participate in this bid. Any fraudulent practices including concealing of facts at the time of submission of bid and thereafter shall lead to disqualification.



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17. Quote should come from authorized dealer or distributor or reseller for each of the product quoted. An authorization letter from OEM should accompany your quote, otherwise it may lead to rejection.
18. The delivery period and other terms should be clearly mentioned.
19. The bidders/vendors are informed that they should not call us over phone or contact us in person. All clarifications can be obtained through E-Mail/FAX/Post. Vendors shall not make attempts to establish unsolicited and un-authorized contact with us after the opening of the offers and prior to the notification of the award. Any attempt by any bidder/vendor to bring extraneous pressures on us shall be sufficient reason to disqualify the bidder/vendor.
20. Delay / loss in postal transit or due to other reasons will not be NIT-T's responsibility.
21. Authorized signatory should sign on all the pages. Bids without authorized signatures will be rejected.
22. We are not responsible for accidental opening of the covers that are not properly superscribed and sealed before the time scheduled for opening.
23. The tender should be filled only on the "Tender Document provided by NIT-T" which is available in our website, otherwise it shall lead to rejection. The Tender Document should be duly filled up (preferably **TYPE WRITTEN IN CAPITAL LETTERS**) and should clearly mention the make, model number & warranty by the bidder against each specification.
24. Using ambiguous terms like "Yes", "Complied", "Available", or providing irrelevant data or leaving the field blank is NOT acceptable, each bidder has to instead specify the matching full technical specification for each line item.
25. The bidders are not allowed to make addition or alteration in the tender document.
26. If no warranty period is specified then the default warranty will be assumed as five years.
27. The manufacturers of the quoted make of the product must be of national / international repute and having ISO / BIS certificate.
28. **Liquidated damages:** If the bidder/supplier, after accepting the Purchase Order, fails to deliver any or all of the Goods within the period specified in the Order, NIT-T shall, without prejudice to other remedies under the Rules of Purchase, proceed to cancel the order or agree to accept a delayed delivery on the condition of payment of liquidated damages by the bidder / supplier a sum equivalent to 0.50% of the total cost as indicated in the Purchase Order (which will be deemed as agreed price) for each week or part thereof of delay until actual delivery or performance is completed and such penal charges shall be limited to a maximum of 5% of the total cost. Once the maximum is reached NIT-T may proceed on its own to consider the termination / cancellation of the order.
29. There is no tender fee or processing fee required for submitting this NIT-T rate contract tender
30. Failure to comply with all the terms and conditions mentioned herein would result in the tender being summarily rejected.
31. This is a single bid system. Both the technical specification and price bids would be opened at the same time. Vendors are informed that once the bidders are shortlisted based on the technical specification, only then the price bids of the firms that meet NIT-T's Technical specification / requirements would be compared.
32. The bidders are expected to renew their offers whenever requested. The quoted prices should be valid for the entire one year NIT-T rate contract period with a validity till December 31, 2018. Orders will be placed as and when required during this period.
33. In case the quoted model is declared end-of-life (EOL) or if the OEM stops the production or if the specification changes during the NIT-T rate contract period, then in that case the next equivalent replacement model should be supplied subject to condition that the purchase committee accepts to this. The replacement model should have the same specification or higher specification, and should be in no way inferior. The same should be notified in writing to NIT-T as and when the model or specification changes. The decision of the NIT-T purchase committee is final.
34. Bidder are free to quote for some items alone if required. It is not compulsory to quote for all the items.
35. Bidders are free to quote for more than one make / model / brand if required.
36. The invoice / bill should have all the required details like NIT-T Purchase Order (PO) number, Make, Model, Price, Serial number, Warranty, Department name and Contact Person Name.

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37. NIT-T Rate contract will be awarded for one year to the item wise L1 for each item and not to the overall L1.
38. The order will be based on the actual requirement at the time of ordering and it may be 1 number or in lots depending on the department requirements and other accessories and optional items may also be ordered based on the actual requirements if any. Not quoting for some of the optional items may result in disqualification for that category of items ordered.
39. Preventive Maintenance should be performed by the supplier or their authorized service person twice every year during the first week of January and July during the 5 year on-site comprehensive warranty period, to lessen the likelihood of the server failing. Preventative maintenance should be performed while the server is still working, so that it does not break down unexpectedly. While performing Preventive Maintenance the service person should come with all the required tools (such as blower, etc). Preventive Maintenance includes cleaning the server hardware for accumulated dust, updating the firmware / BIOS / drivers with the latest version.
40. The downtime should be less than 48 hours. If the downtime exceeds 48 hours at a stretch then the duration of such downtime will be added to the warranty period and the warranty shall be extended accordingly.
41. The warranty start and end date will be counted from the date of installation and not from the date of shipment / billing.
42. L1 who is awarded the NIT-T rate contract has to provide Bank Guarantee (BG) for minimum Rs.20,000 and maximum of 5% of the NIT-T Rate Contract order value for Servers alone as security deposit, before making the payment as per NIT-T terms & conditions. BG is not required for spares and optional items etc. The bank guarantee will be returned to the supplier after one year after the expiry of the NIT-T rate contract period.
43. The supply should be in original OEM's packing. The packing should not be tampered. If tampered or if found duplicate, action will be taken against your firm and your firm's name will be deleted from our suppliers list.
44. All departments are empowered to raise the purchase order with your firm and you are requested to supply the same as per this NIT-T rate contract and purchase order.
45. "Comprehensive on-site warranty with on-site support and service for both Parts and Labour" means that your engineer should visit the site / location where the problem is reported, then troubleshoot & identify the problem and replace the faulty part. NIT-T will not provide or do any troubleshooting at our end.
46. Optionally quote the Monthly salary for providing one Onsite Engineer for taking care of servers during the 5-year warranty period (engineer should be available 9:00 am to 5:30 pm, Monday to Saturday). If approved this onsite engineer salary would be paid by NIT-T directly to the Onsite Engineer each month.
47. Enclose the Distributor / Reseller / Retailer certificate with the validity date. The offer should be authorised by the Manufacturer. The offers received without the certificate and authorization letter will be rejected.
48. NIT-T reserves the right to modify or alter the specifications after short listing of tenderers.
49. NIT-T reserves the right to split the orders among multiple vendors if the prices are same.
50. NIT-T reserves the right to reject any or all the tenders without assigning any reasons whatsoever.
51. In case of dispute, the matter will be subject to Tiruchirappalli, Tamil Nadu Jurisdiction only.
52. **Eligibility Criteria:** The bidder should have supplied at least 2 numbers of similar servers in a single PO to any of the reputed institutions or government organizations in India in the last 3 years. Please fill in the firms details in the last page.

ACCEPTANCE

We accept the above terms and conditions and shall comply with them strictly.

NAME OF THE BIDDER:

POSTAL ADDRESS :

MOBILE:

EMAIL ID:

SIGNATURE WITH DATE *Use only the bar coded tender document provided by NIT-T*

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COMPUTER SUPPORT GROUP

Item No. 1 : SERVERS

“TECHNICAL COMPLIANCE FORM”

CONFIGURATION-1: 1 SOCKET XEON PROCESSOR, 1U RACK SERVER

FIRM'S NAME:

FIRM'S REF:

S#	NIT-T's specifications	Firm's Offer (All the details should be specified)
1)	Make	
2)	Model	
3)	Specify the Number of U of chassis, Should be 1 U	
4)	Single Intel Xeon E3-1220 v6 3.0GHz, 8M cache, 4C/4T, turbo	
5)	Specify the number of processors socket (min. 1 – Socket required)	
6)	Specify the chipset number for the motherboard, Intel C232/C236 series chipset preferred.	
7)	32 GB Memory (16 GB x 2), RDIMM, 2400MT/s with ECC Memory Protection	
8)	Integrated 1GbE (Gigabit)	
9)	Chassis with rails for 19" Rack	
10)	Internal SAS Raid Controller with 1G cache or higher memory RAID Controller, with Battery Backed Write cache memory, give details	
11)	Specify the RAID level supported 1, 5 required	
12)	4 x 1.2 TB, 10,000 RPM 12Gbps Hot plug SAS, 2.5" Hard Drive or higher capacity	
13)	Number of SAS Drive Bays, min 4 drives support required (specify the max supported)	
14)	16X DVD+/-RW Drive (Internal)	
15)	Redundant Power supply (230V AC, 50Hz) specify rating	
16)	Fans give details	
17)	5 years comprehensive ProSupport on-site warranty	

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S#	NIT-T's specifications	Firm's Offer (All the details should be specified)
18)	Remote Management port to be enabled, provide details	
19)	Number of memory slots, minimum 4 required	
20)	Maximum amount of RAM supported. (Should support minimum 64 GB RAM)	
21)	PCIe 3.0 slots for expansion (min 2 required)	
22)	Specify the number of USB (3.0/2.0) ports (min 2 required)	
23)	Without Operating System *	
24)	Dimensions (l x b x h) in mm	
25)	Weight in kg	
26)	Server should be tested on Windows 2016 Server, 64-bit	
27)	Server should be tested on Red Hat Enterprise Linux 7.3, 64-bit	
28)	Required cables for connecting to the Server to the KVM switch	
29)	Certifications: ERTL/FCC-EMC Class A or Class B, IEC-60950-1 / IS 13252 / UL-60950, ACPI compliant, RoHS compliant	
30)	Optional 18.5" or 19" Rack Monitor with Keyboard	
31)	Optional 16-port Digital KVM Switch (IP based)	
32)	Optional Additional 32 GB Memory (16GBx2), 2400MT/s RDIMM with ECC	
33)	Optional Additional 10GBase-SR SFP+ Dual Port 10GbE NIC with 10G transceiver	

***Note:** 1. OS, Monitor, Keyboard, Mouse should NOT be included in the base configuration.
2. All additional/optional items should be compatible with the make & model quoted.



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Item No. 1 : SERVERS

“TECHNICAL COMPLIANCE FORM”

CONFIGURATION-2: 2 SOCKET XEON SILVER PROCESSOR, 1U RACK SERVER

FIRM'S NAME:

FIRM'S REF:

S#	NIT-T's specifications	Firm's Offer (All the details should be specified)
1)	Make	
2)	Model	
3)	Specify the Number of U of chassis, Should be 1 U	
4)	<u>Option1</u> : Intel Xeon Silver 4110, 2.1G, 11M Cache, 9.6GT/s 2UPI, Turbo, HT, 8C/16T <u>Option2</u> : 2 x Intel Xeon Silver 4110, 2.1G, 11M Cache, 9.6GT/s 2UPI, Turbo, HT, 8C/16T	
5)	Specify the number of processors socket (min. 2 – Socket required)	
6)	Specify the chipset number for the motherboard, Intel C610 series chipset or higher preferred.	
7)	64 GB Memory (16 GB x 4), RDIMM, 2400MT/s with ECC Memory Protection	
8)	Integrated 2 x 1GbE LOM (Gigabit)	
9)	Chassis with rails for 19" Rack	
10)	Internal SAS Raid Controller with 2G cache memory, with Battery Backed Write cache memory, give details	
11)	Specify the RAID level supported 1,5 required	
12)	4 x 1.2TB, 10,000 RPM Hot plug SAS, 12Gbps 2.5" Hard Drive	
13)	Number of SAS Drive Bays, min 8 drives support required	
14)	16X DVD+/-RW Drive (Internal)	
15)	Hot-plug Redundant power supply (230V AC, 50Hz)	
16)	Redundant fans	
17)	5 years comprehensive ProSupport on-site warranty	

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S#	NIT-T's specifications	Firm's Offer (All the details should be specified)
18)	Remote Management port to be enabled, provide details	
19)	Number of memory slots, minimum 12 required	
20)	Maximum amount of RAM supported. (Should support minimum 192 GB RAM)	
21)	PCIe 3.0 slots for expansion (min 2 required)	
22)	Specify the number of USB (3.0/2.0) ports (min 2 required)	
23)	Without Operating System *	
24)	Dimensions (l x b x h) in mm	
25)	Weight in kg	
26)	Server should be tested on Windows 2016 Server, 64-bit	
27)	Server should be tested on Red Hat Enterprise Linux 7.3, 64-bit	
28)	Required cables for connecting to the Server to the KVM switch	
29)	Certifications: ERTL/FCC-EMC Class A or Class B, IEC-60950-1 / IS 13252 / UL-60950, ACPI compliant, RoHS compliant	
30)	Optional 18.5" or 19" Rack Monitor with Keyboard	
31)	Optional 16-port Digital KVM Switch (IP based)	
32)	Optional Additional 64 GB (16GB x 4) Memory, 2400MT RDIMMs, Advanced ECC	
33)	Optional Additional 1.2TB, 10,000 RPM Hot plug SAS, 12Gbps, 2.5" Hard Drive	
34)	Optional Additional 400GB Solid State Drive, SAS 6Gbps or higher, 2.5" Drive	
35)	Optional Additional 10GBase-SR SFP+ Dual Port 10GbE NIC with 10G transceiver	

***Note:** 1. OS, Monitor, Keyboard, Mouse should NOT be included in the base configuration.
2. All additional/optional items should be compatible with the make & model quoted.

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“TECHNICAL COMPLIANCE FORM”

CONFIGURATION-3: 2 SOCKET XEON SILVER PROCESSOR, 2U RACK SERVER

FIRM'S NAME:

FIRM'S REF:

S#	NIT-T's specifications	Firm's Offer (All the details should be specified)
1)	Make	
2)	Model	
3)	Specify the Number of U of chassis, Should be 2 U	
4)	<u>Option1:</u> Intel Xeon Silver 4110, 2.1G, 11M Cache, 9.6GT/s, 2UPI, Turbo, HT, 8C/16T <u>Option2:</u> 2 x Intel Xeon Silver 4110, 2.1G, 11M Cache, 9.6GT/s, 2UPI, Turbo, HT, 8C/16T	
5)	Specify the number of processors socket (min. 2 – Socket required)	
6)	Specify the chipset number for the motherboard, Intel C610 series chipset or higher preferred.	
7)	128 GB (16 GB x 8) Memory, RDIMM, 2400MT/s Advanced ECC	
8)	Integrated Dual 1G NIC (Gigabit)	
9)	Chassis with rails for 19" Rack	
10)	SAS Raid Controller with 2GB cache memory, with Battery Backed Write cache memory, give details	
11)	Specify the RAID level supported 1,5 required	
12)	8 x 1.2TB, 10,000 RPM 12Gbps Hot plug SAS, 2.5" Hard Drive	
13)	Number of SAS Drive Bays, min 8 required	
14)	16X DVD+/-RW Drive (Internal)	
15)	Hot-plug Redundant power supply (230V AC, 50Hz)	
16)	Redundant fans	
17)	5 years comprehensive ProSupport on-site warranty	
18)	Remote Management port to be enabled	

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S#	NIT-T's specifications	Firm's Offer (All the details should be specified)
19)	PCIe / PCI-X / PCI-Express slots for expansion	
20)	Specify the number of USB (3.0/2.0) ports (min 2 required)	
21)	Number of memory slots, minimum 12 required	
22)	Maximum amount of RAM supported. (Should support min 256 GB RAM)	
23)	Without Operating System *	
24)	Optional SAS 12Gbps HBA External Controller	
25)	Dimensions (l x b x h) in mm	
26)	Weight in kg	
27)	Server should be tested on Windows 2016 Server, 64-bit	
28)	Server should be tested on Red Hat Enterprise Linux 7.3, 64-bit	
29)	Required cables for connecting to the Server to the KVM switch should be provided	
30)	Certifications: ERTL/FCC-EMC Class A or Class B, IEC-60950-1 / IS 13252 / UL-60950, ACPI compliant, RoHS compliant	
31)	Optional 18.5" or 19" Rack Monitor with Keyboard	
32)	Optional 16-port Digital KVM Switch IP based with 2 remote & 1 local user & dual power supply	
33)	Optional Additional 128 GB (16GB x 8) Memory, 2400MT/s RDIMMs, Advanced ECC	
34)	Optional Additional 1.2 TB, 10,000 RPM Hot plug SAS, 12 Gbps, 2.5" Hard Drive	
35)	Optional Additional 400GB Solid State Drive, SAS 6Gbps or higher speed.	
36)	Optional 10GBase-SR XFP Single Port 10GbE NIC with 10G transceiver	
37)	Optional External LTO5 Single Tape Drive with single slot (with 6GB SAS HBA Card, 2meter SAS Cable with 5 numbers of LTO-5 Tape Media & 1 number of LTO Cleaning cartridge)	

***Note:** 1. OS, Monitor, Keyboard, Mouse should NOT be included in the base configuration.
2. All additional/optional items should be compatible with the make & model quoted.

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“TECHNICAL COMPLIANCE FORM”

CONFIGURATION-4: 4 SOCKET XEON GOLD PROCESSOR, 4U RACK SERVER

FIRM'S NAME:

FIRM'S REF:

S#	NIT-T's specifications	Firm's Offer (All the details should be specified)
1)	Make	
2)	Model	
3)	Specify the Number of U of chassis, Should be 4U or less than 4U	
4)	<u>Option1:</u> 4x Intel Xeon Gold 6134 , 3.2G, 24.75M Cache, 10.4GT/s, 3UPI, Turbo, HT, 8C/16T <u>Option2:</u> 4x Intel Xeon Gold 5120 , 3.2G, 19.25 M Cache, 10.4GT/s, 2UPI, Turbo, HT, 14C/28T	
5)	Specify the number of processors socket (min. 4 – Socket required)	
6)	Specify the chipset number for the motherboard, Intel C602J chipset or higher preferred.	
7)	<u>Option1:</u> 256GB (16GB x 16) Memory, 2666MT/s , RDIMM, ECC <u>Option2:</u> 256GB (16GB x 16) Memory, 2400MT/s , RDIMM, ECC	
8)	Chassis with rails for 19" Rack	
9)	Integrated Quad 1G NIC (Gigabit)	
10)	10GBase-SR XFP Single Port 10GbE NIC with 10G transceiver	
11)	Internal SAS Raid Controller with 2GB or higher Battery Backed Write cache memory	
12)	Specify the RAID level supported, 5 required	
13)	20 x 1.2TB, 10,000 RPM Hot plug SAS, 2.5" Hard Drive, 12Gbps	
14)	Two SAS Controllers (1 Internal for HDD and 1 External for connecting Tape Library & Backups)	
15)	Number of SAS Drive Bays, min 10 required	
16)	Specify the I/O slots	
17)	8X DVD-ROM Drive	

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S#	NIT-T's specifications	Firm's Offer (All the details should be specified)
18)	Remote Management port to be enabled	
19)	Hot-plug Redundant power supply (230V AC, 50Hz), specify rating	
20)	Hot-plug Redundant fans	
21)	5 years comprehensive ProSupport on-site warranty	
22)	Specify the number of USB (3.0/2.0) ports (min 2 required)	
23)	Number of memory slots, minimum 16 required	
24)	PCIe / PCI-X / PCI-Express slots for expansion	
25)	Without Operating System *	
26)	Dimensions (l x b x h) in mm	
27)	Weight in kg	
28)	Server should be tested on Windows 2016 Server, 64-bit	
29)	Server should be tested on Red Hat Enterprise Linux 7.3, 64-bit	
30)	Required cables for connecting to the Server to the KVM switch should be provided	
31)	Certifications: ERTL/FCC-EMC Class A or Class B, IEC-60950-1 / IS 13252 / UL-60950, ACPI compliant, RoHS compliant	
32)	Optional 18.5" or 19" Rack Monitor with Keyboard	
33)	Optional 16-port Digital KVM Switch IP based with 2 remote & 1 local user & dual power supply	
34)	Optional Additional 1.2TB, 10,000 RPM Hot plug SAS, 2.5" Hard Drive, 12Gbps	
35)	Optional Additional 256GB Memory, RDIMM, Advanced ECC	
36)	Optional Additional 400GB Solid State Drive, SAS 6Gbps or higher speed	

***Note:** 1. OS, Monitor, Keyboard, Mouse should NOT be included in the base configuration.
2. All additional/optional items should be compatible with the make & model quoted.

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Item No. 1 : SERVERS

“TECHNICAL COMPLIANCE FORM”

CONFIGURATION-5: SAS based NAS SERVER

FIRM’S NAME:

FIRM’S REF:

S#	NIT-T’s specifications	Firm’s Offer (All the details should be specified)
1)	Make	
2)	Model	
3)	Specify the Number of U of chassis, Should be 2 U	
4)	<u>Option1:</u> 2 x Intel Xeon E5-2630 v3, 2.4GHz, 20M Cache, 8GT/s QPI, Turbo, HT, 8C/16T <u>Option2:</u> 2 x Intel Xeon E5-2609 v3, 1.9GHz, 15M Cache, 6.4GT/s QPI, Turbo, HT, 6C/6T	
5)	Specify the number of processors socket (min. 2 – Socket required)	
6)	Intel chipset required Specify the chipset number for the motherboard	
7)	32 GB Memory (16 GB x 2), RDIMM, 2400MT/s with ECC Memory Protection	
8)	Integrated 1GbE (Coper)	
9)	10G NIC SFP+ (Fiber) with 10G transceiver	
10)	Chassis with rails for 19” Rack	
11)	Internal SAS Raid Controller with 1G cache memory, with Battery Backed Write cache memory, give details	
12)	Specify the RAID level supported 1,5 required	
13)	OS HDD: 2 x 300GB 10K RPM SAS 2.5” Flex Bay Hard Drive (RAID 1)	
14)	RAW storage capacity: should support 14.4 TB	
15)	Usable Storage: 10TB (excluding OS HDD, hot spare, one for RAID 5)	
16)	Physical HDD: 12 x 1.2TB, 10,000 RPM Hot plug SAS, 12Gbps 2.5” Hard Drive (RAID 5)	
17)	Number of SAS Hard Disk Drive Bays support (specify)	

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S#	NIT-T's specifications	Firm's Offer (All the details should be specified)
18)	Should support the following protocols: NFS, FTP, CIFS, SMB, Microsoft iSCSI target	
19)	OS: Windows Storage Servers 2016 Standard Edition	
20)	16X DVD-RW Drive (Internal)	
21)	Hot-plug Redundant power supply (230V AC, 50Hz)	
22)	Redundant fans	
23)	5 years comprehensive ProSupport on-site warranty	
24)	Remote Management port to be enabled, provide details	
25)	Number of memory slots, specify	
26)	Maximum amount of RAM supported	
27)	PCIe 3.0 slots for expansion (min 2 required)	
28)	Specify the number of USB (3.0/2.0) ports (min 2 required)	
29)	Dimensions (l x b x h) in mm	
30)	Weight in kg	
31)	Required cables for connecting to the Server to the KVM switch	
32)	Certifications: ERTL/FCC-EMC Class A or Class B, IEC-60950-1 / IS 13252 / UL-60950, ACPI compliant, RoHS compliant	
33)	Optional Additional Spare 1.2TB, 10,000 RPM Hot plug SAS, 12Gbps 2.5" Hard Drive	
34)	Optional Internal SAS Raid Controller with 2G cache memory, with Battery Backed Write cache memory (in lieu of 1G)	

***Note:** 1. OS, Monitor, Keyboard, Mouse should NOT be included in the base configuration.
2. All additional/optional items should be compatible with the make & model quoted.

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COMPUTER SUPPORT GROUP

Item No. 1 : SERVERS

“TECHNICAL COMPLIANCE FORM”

CONFIGURATION-6: NL-SAS based NAS SERVER

FIRM'S NAME:

FIRM'S REF:

S#	NIT-T's specifications	Firm's Offer (All the details should be specified)
1)	Make	
2)	Model	
3)	Specify the Number of U of chassis, Should be 2 U	
4)	<u>Option1</u> : 2 x Intel Xeon E5-2630 v3, 2.4GHz, 20M Cache, 8GT/s QPI, Turbo, HT, 8C/16T <u>Option2</u> : 2 x Intel Xeon E5-2609 v3, 1.9GHz, 15M Cache, 6.4GT/s QPI, Turbo, HT, 6C/6T	
5)	Specify the number of processors socket (min. 2 – Socket required)	
6)	Intel chipset required Specify the chipset number for the motherboard	
7)	32 GB Memory (16 GB x 2), RDIMM, 2400MT/s with ECC Memory Protection	
8)	Integrated 1GbE (Coper)	
9)	10G NIC SFP+ (Fiber) with 10G transceiver	
10)	Chassis with rails for 19" Rack	
11)	Internal SAS Raid Controller with 1G cache memory, with Battery Backed Write cache memory, give details	
12)	Specify the RAID level supported 1,5 required	
13)	OS HDD: 2 x 300GB 10K RPM SAS 2.5" Flex Bay Hard Drive (RAID 1)	
14)	RAW storage capacity: should support 120 TB	
15)	Usable Storage: 120TB (excluding OS HDD, hot spare, one for RAID 5)	
16)	Physical HDD: 12 x 10TB, 7,200 RPM Hot plug NL-SAS, 2.5" Hard Drive (RAID 5)	
17)	Number of NL-SAS Hard Disk Drive Bays support (specify)	

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Item No. 1 : SERVERS

S#	NIT-T's specifications	Firm's Offer (All the details should be specified)
18)	Should support the following protocols: NFS, FTP, CIFS, SMB, Microsoft iSCSI target	
19)	OS: Windows Storage Servers 2016 Standard Edition	
20)	16X DVD-RW Drive (Internal)	
21)	Hot-plug Redundant power supply (230V AC, 50Hz)	
22)	Redundant fans	
23)	5 years comprehensive ProSupport on-site warranty	
24)	Remote Management port to be enabled, provide details	
25)	Number of memory slots, specify	
26)	Maximum amount of RAM supported	
27)	PCIe 3.0 slots for expansion (min 2 required)	
28)	Specify the number of USB (3.0/2.0) ports (min 2 required)	
29)	Dimensions (l x b x h) in mm	
30)	Weight in kg	
31)	Required cables for connecting to the Server to the KVM switch	
32)	Certifications: ERTL/FCC-EMC Class A or Class B, IEC-60950-1 / IS 13252 / UL-60950, ACPI compliant, RoHS compliant	
33)	Optional Additional Spare 1.2TB, 10,000 RPM Hot plug SAS, 12Gbps 2.5" Hard Drive	
34)	Optional Internal SAS Raid Controller with 2G cache memory, with Battery Backed Write cache memory (in lieu of 1G)	

***Note:** 1. OS, Monitor, Keyboard, Mouse should NOT be included in the base configuration.
2. All additional/optional items should be compatible with the make & model quoted.



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COMPUTER SUPPORT GROUP

Item No. 1 : SERVERS

“PRICE BID FORM”

CONFIGURATION-1: 1 SOCKET XEON PROCESSOR, 1U RACK SERVER

FIRM'S NAME:

FIRM'S REF:

S#	NIT-T's specifications	UNIT PRICE Firm's Offer
1)	PRICE for 1 SOCKET XEON PROCESSOR 1U RACK SERVER with 5 years warranty [same specification as quoted in Configuration 1]	
2)	Price for Additional 32GB Memory (16 GB x 2), RDIMM, 2400MT/s, ECC (Optional)	
3)	Price for 10GBase-SR SFP+ Dual Port 10GbE NIC (Optional)	
4)	Others if any	

CONFIGURATION-2: 2 SOCKET XEON SILVER PROCESSOR, 1U RACK SERVER

S #	NIT-T's specifications	UNIT PRICE Firm's Offer
1)	Option1: PRICE for Intel Xeon Silver 4110, 2.1G, 11M Cache, 9.6GT/s 2UPI, Turbo, HT, 8C/16T, WITH SINGLE XEON SILVER PROCESSOR, 1U RACK SERVER with 5 years warranty [same specification as quoted in Configuration 2]	
2)	Option2: PRICE for 2 x Intel Xeon Silver 4110, 2.1G, 11M Cache, 9.6GT/s 2UPI, Turbo, HT, 8C/16T, WITH TWO XEON SILVER PROCESSORS, 1U RACK SERVER with 5 years warranty [same specification as quoted in Configuration 2]	
3)	Price for Additional 64GB Memory (16 GB x 4), 2400MT/s, RDIMM, ECC (Optional)	
4)	Price for Additional 1.2TB, 10,000 RPM Hot plug SAS, 12Gbps 2.5" Hard Drive (Optional)	
5)	Price for 400GB Solid State Drive, SAS 6Gbps, 2.5" Drive (Optional)	
6)	Price for 10GBase-SR SFP+ Dual Port 10GbE NIC (Optional)	
7)	Others if any	

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COMPUTER SUPPORT GROUP

Item No. 1 : SERVERS

“PRICE BID FORM”**CONFIGURATION-3: 2 SOCKET XEON SILVER PROCESSOR, 2U RACK SERVER**

FIRM'S NAME:

FIRM'S REF:

S#	NIT-T's specifications	UNIT PRICE Firm's Offer
1)	Option1: PRICE for Intel Xeon Silver 4110, 2.1G, 11M Cache, 9.6GT/s, 2UPI, Turbo, HT, 8C/16T 2U RACK SERVER with 5 years warranty [same specification as quoted in Configuration 3]	
2)	Option2: PRICE for 2 x Intel Xeon Silver 4110, 2.1G, 11M Cache, 9.6GT/s, 2UPI, Turbo, HT, 8C/16T 2U RACK SERVER with 5 years warranty [same specification as quoted in Configuration 3]	
3)	Price for Additional 128GB Memory (16 GB x 8), RDIMM, 2400MT/s, ECC (Optional)	
4)	Price for Additional 1.2TB, 10,000 RPM 12Gbps Hot plug SAS, 2.5" Hard Drive (Optional)	
5)	Price for 400GB Solid State Drive, SAS 6Gbps, 2.5" Drive (Optional)	
6)	Price for SAS Host Bus Adapter (HBA) Card with 2 SAS Interface (Optional)	
7)	Price for 10GBase-SR XFP Single Port 10GbE NIC with 10G transceivers (Optional)	
8)	Others if any	

CONFIGURATION-4: 4 SOCKET XEON GOLD PROCESSOR, 4U RACK SERVER

S#	NIT-T's specifications	UNIT PRICE Firm's Offer
1)	Option1: PRICE for 4x Intel Xeon Gold 6134, 3.2G, 24.75M Cache, 3UPI, Turbo, HT, 8C/16T, with 256GB (16GB x 16) Memory, 2666MT/s, ECC 4U RACK SERVER with 5 years warranty [same specification as quoted in Configuration 4]	
2)	Option2: PRICE for 4x Intel Xeon Gold 5120 Processor, 3.2G, 19.25 MB L3 Cache, 2UPI, Turbo, HT, 14C/28T, 256GB (16GB x 16) Memory, 2400MT/s, ECC 4U RACK SERVER with 5 years warranty [same specification as quoted in Configuration 4]	
3)	Price for Additional 256GB Memory (16GB x 16), 2666MT/s, DDR4, Advanced ECC (Optional)	
4)	Price for Additional 256GB Memory (16GB x 16), 2400MT/s, DDR4, Advanced ECC (Optional)	
5)	Price for Additional 1.2TB, 10,000 RPM Hot plug SAS, 2.5" Hard Drive, 12Gbps (Optional)	
6)	Price for Additional 400GB Solid State Drive, SAS 6Gbps, 2.5" Drive (Optional)	
7)	Others if any	

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Item No. 1 : SERVERS

“PRICE BID FORM”

CONFIGURATION-5: SAS based NAS SERVER

FIRM'S NAME:

FIRM'S REF:

S#	NIT-T's specifications	UNIT PRICE Firm's Offer
1)	PRICE for 2U SAS based NAS SERVER with 2 x Intel Xeon E5-2630 v3, 2.4GHz Processor , 14.4 TB RAW SAS Storage with 1G SAS Raid Controller Card with 5 years warranty [same specification as quoted in Configuration 5]	
2)	PRICE for 2U SAS based NAS SERVER with 2 x Intel Xeon E5-2609 v3, 1.9GHz Processor , 14.4 TB RAW SAS Storage with 1G SAS Raid Controller Card with 5 years warranty [same specification as quoted in Configuration 5]	
3)	PRICE for 2U SAS based NAS SERVER with 2 x Intel Xeon E5-2630 v3, 2.4GHz Processor , 14.4 TB RAW SAS Storage with 2G SAS Raid Controller Card with 5 years warranty [same specification as quoted in Configuration 5]	
4)	PRICE for 2U SAS based NAS SERVER with 2 x Intel Xeon E5-2609 v3, 1.9GHz Processor , 14.4 TB RAW SAS Storage with 2G SAS Raid Controller Card with 5 years warranty [same specification as quoted in Configuration 5]	
5)	Price for Additional Spare 1.2TB, 10,000 RPM Hot plug SAS, 12Gbps 2.5" Hard Drive (Optional)	
6)	Others if any	

CONFIGURATION-6: NL-SAS based NAS SERVER

S#	NIT-T's specifications	UNIT PRICE Firm's Offer
1)	PRICE FOR 2U NL-SAS based NAS SERVER with 2 x Intel Xeon E5-2630 v3, 2.4GHz Processor , 120 TB RAW NL-SAS Storage with 1G SAS Raid Controller Card with 5 years warranty [same specification as quoted in Configuration 6]	
2)	PRICE FOR 2U NL-SAS based NAS SERVER with 2 x Intel Xeon E5-2609 v3, 1.9GHz Processor , 120 TB RAW NL-SAS Storage with 1G SAS Raid Controller Card with 5 years warranty [same specification as quoted in Configuration 6]	
3)	PRICE FOR 2U NL-SAS based NAS SERVER with 2 x Intel Xeon E5-2630 v3, 2.4GHz Processor , 120 TB RAW NL-SAS Storage with 2G SAS Raid Controller Card with 5 years warranty [same specification as quoted in Configuration 6]	
4)	PRICE FOR 2U NL-SAS based NAS SERVER with 2 x Intel Xeon E5-2609 v3, 1.9GHz Processor , 120 TB RAW NL-SAS Storage with 2G SAS Raid Controller Card with 5 years warranty [same specification as quoted in Configuration 6]	
5)	Price for Additional Spare 10TB, 7,200 RPM Hot plug NL-SAS, 2.5" Hard Drive (Optional)	
6)	Others if any	

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Item No. 1 : **SERVERS**

“PRICE BID FORM”

(OPTIONAL ADD-ONS)

FIRM'S NAME:

FIRM'S REF:

S#	NIT-T's specifications	UNIT PRICE Firm's Offer
1)	Price for Red Hat Enterprise Linux 7.3 (or higher), x64, with DVD Media kit, with 1 Year RHN subscription if ordered along with the server (Optional)	
2)	Price for Red Hat Enterprise Linux 7.3 (or higher), x64, with DVD Media kit, with 3 Years RHN subscription if ordered along with the server (Optional)	
3)	Price for 16-port Digital KVM Switch with 2 remote users, 1 local user & dual power supply (with 10 numbers of 7 feet and 10 numbers of 12 feet interface cables required for connecting Servers to KVM Switch) (Optional)	
4)	Price for 18.5" or 19" LCD/LED Rack Console with 96-key Keyboard with Touch pad with USB and PS/2 connections (1U) (Optional)	
5)	Price for External LTO5 Single Tape Drive with single slot (with 6GB SAS HBA Card, 2meter SAS Cable with 5 numbers of LTO-5 Tape Media, 1 number of LTO Cleaning cartridge) (Optional)	
6)	Price for LTO5 Media 20PK (Optional)	
7)	Price for LTO5 Media 20PK Worm (Optional)	
8)	Price for External LTO7 Single Tape Drive with single slot (with 6GB SAS HBA Card, 2meter SAS Cable with 5 numbers of LTO-7 Tape Media, 1 number of LTO Cleaning cartridge) (Optional)	
9)	Price for LTO7 Media 20PK (Optional)	
10)	Price for 42U 19" Server Rack cabinet (Width: 600mm x Depth:1000mm) with 3 numbers of Rack Power Distribution Units each with at least 6 numbers of 16A outputs, with 6 numbers of 12 feet Power Cord, Perforated Door, Tray (Optional)	
11)	Price for Buyback of Old Dell PowerEdge 2850 / Intel Xeon 3 GHz / 2 GB SDRAM / 2x73 GB & 2x146 GB Ultra320 SCSI HDD 10000 rpm (Optional)	
12)	Price for Buyback of Old IBM x330 Rack Server / Intel Pentium III 1 GHz / 2 GB RAM / 36 GB SCSI HDD (Optional)	
13)	Price for Buyback of Dell PowerEdge 1950 / Quad Core Intel Xeon E5320 / 4GB DDR2 667 MHz ECC RAM / SAS RAID Controller with 256MB Cache / 2x146GB 10K rpm SAS Hard Drive (Optional)	
14)	Price for Buy back of Old Dell PowerEdge 6600 / Quad Xeon 2.7GHz with 8MB Cache / 8 GB ECC RAM / 4x73 GB SCSI HDD with 128Mb Raid Card (Optional)	
15)	Price for Buy back of Old Dell PowerEdge 6850 / 2 x Dual Core Pro Intel Xeon 3 GHz / 2MB L2 & 4MB L3 Cache / 16GB DDR2 400MHz ECC RAM / SAS RAID Controller Card / 3x73 GB 15K rpm SAS Hard disk Drives / 1Gbps NIC (Optional)	
16)	Price for Buy back of Old NAS Server Dell PowerVault 770N / Dual Intel Xeon 2.8 GHz / 2 GB RAM / 2x18GB, 6x146GB / 128MB Raid Controller with External Enclosure / Dell PowerVault 220S 12x146GB SCSI HDD (Optional)	
17)	Monthly salary for providing one Onsite Engineer for taking care of servers during the 5-year warranty period (engineer should be available 9:00 am to 5:30 pm, Monday to Saturday). If approved this onsite engineer salary would be paid by NIT-T directly to the Onsite Engineer each month (Optional)	

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COMPUTER SUPPORT GROUP

Item No. 1 : SERVERS

“DETAILS OF THE FIRM OFFERING THIS QUOTE”

(Write or print or type in block letters and please answer all the questions)

- Name of the firm:
- Date of incorporation:
- Nature of the company - Government / Public / Private Company / Partnership / Proprietorship:
- Specify the number of years in this line of activity by the company.
- Quantity of sales in the last three years for the SERVER (on rate contract basis):

2014-2015	2015-2016	2016-2017
<input type="text"/>	<input type="text"/>	<input type="text"/>

- Turn over in the last three years (Figures should be in Indian Rupees in Lakhs):

2014-2015	2015-2016	2016-2017
<input type="text"/>	<input type="text"/>	<input type="text"/>

- Provide the postal address, telephone & fax numbers, and email address of the nearest service center.

- What would be the delivery period in days from the date of placement of an official purchase order.
- Enclose the list of customers to whom you have supplied “Rack Server” during the last 3 years ending 31/03/2017 with full postal address and name of the contact person with phone, FAX numbers, and E-Mail id. Certificate regarding satisfactory performance of the “Servers” from the minimum three end users should be furnished.

- Are you the manufacturer / authorized dealer / distributor / reseller for the product quoted:
- Have you supplied any Servers to National Institute of Technology, Tiruchirappalli in the last 3 years? If yes, specify the quantity supplied in the last 3 years and last PO reference
- Was there any elapse or delay in supplying the goods ordered or any service related issue during the warranty period for the products ordered by NIT-T with your firm? If yes, provide details.

- On Manufacturer’s Side to whom NITT have to contact in case of delayed supply and other issues committed by the authorized dealer / distributor / reseller :

Contact Person Name :	
Address :	
E-mail ID :	Telephone / Cell Phone :