

# NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH (NIPER) Sector 67, S.A.S. Nagar (Mohali)

#### Telephone No. 2214682-87, Fax No. 0172-2214692

No. Etender8/2017/14393/

#### **E-TENDER NOTICE**

## E-TENDERS/ONLINE TENDERS ARE INVITED IN TWO BID SYSTEM ON www.tenderwizard.com/NIPER FOR COMPUTER WORKSTATION.

The tender documents and other details can be obtained from the website: www.tenderwizard.com/NIPER and official website of the NIPER http://www.niper.gov.in.

1	Downloading of e-tender document	Start Date: 11.09.2017 at 09.00 A.M.
		End Date: 04.10.2017 at 01.00 P.M.
2	Date of submission of e-tender	Start Date: 12.09.2017 at 10.00 A.M.
		End Date: 04.10.2017 at 03.00 P.M.
3	Opening of Technical Bid (online)	05 .10.2017 at 11.00 A.M.

Director, NIPER reserves the right to reject any or all tenders without assigning any reasons. Corrigendum/Addendum or Cancellation of this advertisement, if any, shall be published on NIPER Website and www.tenderwizard.com/NIPER.

For participating in the above e-tender, the bidder shall have to get themselves registered with http://tenderwizard.com/NIPER and get user ID & password. Class 3 Digital Signature Certificate (DSC) is mandatory to participate in the e-tendering process. For any clarification/difficulty regarding e-tendering Process flow please contact on helpdesk numbers 09257209340, 08045628821, 0172-5035950.

**Store Purchase officer** 

Dated: 11.09.2017

#### Item Details: -

	Specification	Qty
Processor	Dual Intel Xeon Processor E5-2687W v4 (12C, 3.0GHz, 3.5GHz Turbo,	1
Chipset	Intel® C612Chipset	
	96GB DDR4 @ 2400MHz ECC RDIMM expandable up to 256GB with 99%	
Memory	uptime	
Operating System	Centos/Ubuntu/Windows7	
Hard Drive	4TB 3.5inch Serial ATA (5.400 Rpm) Hard Drive	
Graphic Card	NvidiaQuadro K620 2GB (DP, DL-DVI-I) (1 DP to SL-DVI adapter)	
	Front 3 – USB 2.0 1 – USB 3.0 1 – Microphone 1 – Headphone;	
	Internal 1 – USB 2.0 1 2x5 USB 2.0 header. (Requires 3rd party splitter cable to support	
	2 x USB 2.0 Type A ports) 4 – SATA 6Gb/s;Rear 3 – USB 2.0	
	1 - RJ45 Network Connector 3 - USB 3.0 1 - Serial 2 -	
EXTERNAL	PS2	
PORTS/CONNECTORS	1 – Audio Line in/Microphone 1 – Audio Line out	
Optical Drive	8x Slimline DVD+/-RW Drive	
	(2) PCle x16 Gen 3; (1) PCle x16 Gen 3 (wired x8) half length;(1) PCle x4 Gen	
	2; (1)	
EXPANSION SLOTS	PCle x1 Gen 2; (1) PCl 32	
Keyboard & Mouse	USB Keyboard & Mouse	
	Mini-tower with tool-less entry and maintenance with tool free disk	
	mounting and tool	
	free PCI card installation features , chassis should have integrated chassis	
Form Factor / Chassis	handles	
	Trusted Platform Module ; Intrusion switch; Setup/BIOS Password; I/O Interface	
	Security; Kensington® lock slot, Padlock ring, Internal bezel lock; lockable	
Security	power supply	
Certification	Leading ISV Vendors certification	
	Externally accessible, tool-less power supply, 80 Plus gold certified, 90%	
	efficient;	
Power Supply	(685W or higher)	
F F 7	(1) external slimline optical bay; (2) internal 3.5" bays	
	(support total of (2) 3.5" or	
	(2) 2.5"	
Pave		
Bays	(3) drives); (1) external 5.25" bay	
	The hardware vendor should supply an automatic system	
	performance tuning software,	
	which ensures optimum performance tuning for leading	
Software	CAD/CAM/CAE	
Monitor	24" LED TFT monitor	
Warranty	Minimum 3 years comprehensive onsite Next Business day	

#### PART - I: TECHNICAL BID

- 1. On behalf of the Director, National Institute of Pharmaceutical Education & Research, Mohali e-tenders are invited for web server. The terms and conditions of the contract which govern the contract to be made are those contained in the General Conditions of Contract applicable to the contract placed by the NIPER / GoI and the other terms & conditions detailed in this tender form and its schedules. Please submit your tenders if you are in a position to provide the requisite supplies & installation in accordance with the requirements stated in the attached schedule.
- 2. This Institute is registered with DSIR for duty free imports under duty exemption certificate. Preference shall be given to those tenderer who shall offer duty free prices for direct import.
- 3. Only manufacturers or their authorized distributors/agents are entitled to submit the proforma invoice/quotation. Manufacturers are requested to furnish themselves the proforma invoice where enquiries have been addressed to them. Foreign manufacturers may, however, direct their Indian Agent to quote on their behalf in which case the Indian Agent should attach with his quotation a copy of the letter from the foreign manufacturers directing the Indian Agents to quote on their behalf against this quotation enquiry (General authority letter will not suffice). As per the Compulsory Enlistment Scheme of the Department of Expenditure, Ministry of Finance, it is compulsory for Indian agents, who desire to quote directly on behalf of their foreign principals, to get themselves enlisted with the Central Purchase Organisation (eg. DGS &D).
- 4. The quotation/proforma invoice for the imported items should be prepared as under:
- Complete description, catalogue no., make, name of the manufacturer, model, quantity, rate of each item and total amount.
- ii) Total FOB value of all items.

- iii) Indian Agency Commission payable to the Indian agent, if any.
- iv) Net FOB value (i.e., total FOB value as in (ii) above, less Indian Agency Commission as in (iii) above.
- v) Add freight charges upto New Delhi (India)
- vi) Insurance upto destination at NIPER, S.A.S. Nagar, Mohali (Payable on actual).
- vii) Total CIF value (iv + v + vi)

### Note: NIPER is an academic non-profit research Institution. You are, therefore, requested to offer maximum possible discount in the first instance.

- viii) Quorate may be evaluated on FOB value. The Institute may also go for domestic insurance from warehouse to warehouse. The complete description viz. make and model of the equipment and name of the manufacturer must be indicated clearly in the proforma invoice/quotation failing which the same shall be liable to rejection.
- ix) The spare parts/wear & tear consumables, if any, required for trouble free operation of equipment for 3 years shall be quoted separately giving the full nomenclature, rate, quantity and shelf life of each item. The value of such spare parts/wear & tear, consumables may not exceed 2% of the FOB value. (The cost of such spare parts/wear & tear consumables will not be considered while evaluating the quotations).
- x) In case no Indian Agency Commission is payable, then this fact must be very clearly mentioned in the quotation.
- xi) The tenderer firm should furnish along with the bid a certificate that the entire Indian Agency Commission shall be payable in India in Indian Rupees and that no Indian Agency Commission other than that stipulated in the Proforma Invoice is payable by the foreign manufacturers to Indian Agent.
- xii) The items which can/are to be procured indigenously may be listed separately.
- 5. The Tenderers must confirm in their bid acceptance in full of the terms and conditions in this enquiry. Tenderers must note carefully that any conditional offer or any deviation from the terms and conditions of this enquiry may render the quotation liable for rejection.
- 6. The manufacturers must guarantee that the quoted item(s) is/are new and not the one used/sold earlier.
- 7. It is specifically required that the tenderer will supply all the operating and service manuals circuit diagrams alongwith the equipment.
- 8. In addition to quoting for the equipment, the tenderers are also requested to quote separately, the charges and terms and conditions of SERVICE CONTRACT FOR A PERIOD OF FIVE YEARS, for maintaining the equipment at this institute after the expiry of the period of guarantee/warranty. The terms and conditions of the Service Contract are given in **Annexure 'B'**. It may be noted that the service contract charges may also be considered along with the cost of equipment while evaluating the quotations. Price List of Spares parts must be quoted.
- 9. **The equipment should be quoted only for 220 volts and 50Hz electricity supply.** The extra requirement of line voltage, current rating etc. and the optimum climate and environment required for the equipment must be stated precisely. Voltage stabilizers/isolation transformers/CVT/UPS etc., as may be required shall be listed separately. The full technical specifications and literature in respect of the voltage stabilizer etc., must be furnished.
- 10. The successful firm or his Agent will be required to furnish a performance guarantee bond in the shape of Bank Guarantee for an amount equivalent to 10% of the FOB value of the equipment towards execution of supply order and ensuring timely supplies/satisfactory installation and handing over the equipment in good working conditions within stipulated period and for carrying out after sales services during warranty/guarantee period. The Bank guarantee will be submitted within a period of 15 days after the placement of the supply order failing which the order will be liable to be cancelled.
- 11. The successful firm will be required to agree for payment of penalty for exceeding permissible downtime during guarantee/warranty period as defined in **Annexure 'A'**.
  - a) In case total downtime exceeds the permissible limit, the guarantee/warranty shall be extended by the period in excess of the permissible downtime.

- b) In case total downtime exceeds the permissible limit then in that event a penalty in Indian Rupees at the rate of 1/365 percent of FOB value of the equipment shall be recovered for each day in excess of the permissible downtime. The conversion of FOB value into Indian Rupees for the above purpose shall be the TT selling rate prevalent on the date of the releasing of the LC documents by the bankers.
- 12. If during the guarantee/warranty period, the equipment does not perform as per claims, the supplier will be asked to replace the entire unit or part thereof failing which the supplier will have to bear the cost of liquidated damages.
  - 13. The compliance sheet as per **Annexure 'C'** may be filled and submitted online along with necessary documents maximum upto 4 pages.
- 14. The Indian agents are allowed to quote for only one manufacturer in a parallel/subsequent tenders for the same item.
- 15. **ELIGIBILITY CONDITIONS:** The firm should have experience of performing job contract of similar nature in reputed Govt. / Semi Govt. / Govt. undertaking / University establishment and other government / private establishments. The firm must have Service Tax Registration (if applicable), Registration of Declaration of ownership under Indian Registration Act, 1908 (or any other Act, as applicable), PAN / TIN and a valid Labour License as on the date of submission of tenders. The firm should have technical competence, financial resources, reputation and the personnel, to perform this contract.
- 16. The tenderer is being permitted to tender in consideration of the stipulation on his / her part that after submitting his / her tender, he / she will not refuse his / her offer or modify the terms and conditions thereof. Should the tenderer fail to observe and comply with the foregoing stipulations, the earnest money will be forfeited by the Institute. In the event of the offer made by the tenderer not being accepted, the amount of earnest money deposited by the tenderer will be refunded to him / her, in the manner prescribed by the Institute.
- 17. In case of partnership firms, where no authority has been given to any partner to execute the contract / agreement concerning the business of the partnership, the tenders and all other related documents must be signed by each partner of the firm. A person signing the tender form or any other documents forming part of the contract on behalf of another shall be deemed to warranty that he has the authority to bind such other & if, on enquiry, it appears that the persons so signing had no authority to do so, the Institute shall without prejudice to other civil and criminal remedies cancel the contract and hold the signatory liable for all costs and damages. Each page of the tender and the schedules to the tender and annexure, if any, should be signed by the tenderer.
- 18. GST or any other tax applicable or made applicable after awarding the contract in respect of this contract shall be payable by contractor and NIPER, Mohali will not entertain any claim whatsoever in this respect. However the TDS or any other tax which is as per the rules of the Govt., shall be deducted at source from the bills of the successful tenderer, as per rules / instructions made applicable from time to time by the government
- 19. This Institute is registered with DSIR for duty free imports under duty exemption certificate. Preference shall be given to those tenderer who shall offer duty free prices for direct import.
- 27. The Director, NIPER reserves the right to reduce or increase the quantum of supplies or place repeat orders within a period of one year of date of order (on same rates and terms & conditions) or may also terminate the contract in the interest of the Institute, for any justifiable reasons, not mandatory to be communicated to the tenderer. His decision shall be final & binding on all parties for any aspect of contract. Any dispute arising on the contract will be settled at his level by mutual consultation and in case of failure of settlement; the dispute shall be referred to the sole arbitrator to be appointed by him. The decision of the sole Arbitrator so appointed shall be final and binding on both parties. Arbitration proceedings shall be governed by the Arbitration & Conciliation Act, 96.
- 28. Acceptance by the Institute will be communicated by e-mail, FAX, Express letter or any other form of communication. Formal letter of acceptance and work order of the Tenders will be forwarded as soon as possible, but the earlier instructions in the FAX / e-mail / Express letter, etc. should be acted upon immediately. The quotation shall remain valid for a period of 120 days from the closing date of receipt of bids. The Contractor shall not sub-let the contract.

- 29. The tenderer will also have to furnish particulars relating to Income Tax clearance certificates, turnover, infrastructure status, etc.
- 30. In case of any loss or damage done to the property / existing infrastructure of the Institute attributable to the personnel of the contractor, the full damages will be recovered from the Agency / Contractor and decision of the Competent Authority of institute in this regard will be final and binding on the contractor.
- 31. Any information furnished by the bidder found incorrect at any later stage, shall make the agency liable to be debarred from future tendering / taking up the works in NIPER. The department reserves the right to verify the particulars furnished by the bidders independently.
- 32. In case the bidder(s) is/are of the opinion that the specification of the equipment are not generalized and favors a particular make or brand then it should intimate this Institute with relevant supporting documents.

Annexure 'A'

#### CERTIFICATE OF GUARANTEE/WARRANTY

(This certificate may be reproduced)

- I/We certify that the guarantee/warranty shall be for a period of 12 months starting from the date of satisfactory installation, commissioning and handing over of the equipment and of works conducted therewith covered under the Supply order in working Condition. During the guarantee/warranty period I/We shall provide "after sale service" and the replacement of any part(s) of the equipment or rectification of defects of work of the equipment will be free of cost. The replacement of the parts shall be arranged by us, at our own cost and responsibility. We undertake that the above guarantee/ warranty shall begin only from the date of installation, commissioning and handing over the equipment in working order. The benefit of change in dates of the guarantee/warranty period shall be in the interest of the user/your Institute.
- ii) During the warranty period, we shall provide at least three preventive maintenance visits & all breakdown services without any charges.
- iii) <u>Uptime Guarantee</u>: During the guarantee/warranty period, we will be responsible to maintain the equipment in good working condition for a period of 328 days (i.e., 90% uptime) in a block of 365 days. All the complaints will be attended by us within 5 days of receipt of the complaint in our office. In case there is delay of more than 5 days in attending to a complaint from our side then you can count the number of days in excess of the permissible response time in the downtime.
- iv) We certify that the equipment being offered/quoted is the latest model and that spares for the equipment will be available for a period of at least 10 years and we also guarantee that we will keep the Institute informed of any up-date of the equipment over a period of 5 years.
- v) We guarantee that we will supply spare parts if and when required on agreed basis for an agreed price. The agreed basis could be an agreed discount on the published catalogue price or an agreed percentage of profit on the landed cost.
- vi) We guarantee to the effect that before going out of production of spare parts, we will give adequate advance notice to you so that you may undertake to procure the balance of the life time requirements of spare parts.
- vii) We guarantee the entire unit against defects of manufacture, workmanship and poor quality of components.

1. Authorised Signator	Date:
(With Sea	
	Place:

#### TERMS AND CONDITIONS OF THE SERVICE CONTRACT

- i) During the service contract period, the firm shall provide at least THREE preventive maintenance visits and attend to all emergent and break-down calls per year.
- ii) Rate of AMC will be quoted for the period after completion of warranty period and order for AMC be placed after completion of warranty (if required)
- iii) The service contract charges must be quoted separately for each year strictly.
- iv) The service contract charges should be quoted only for services and travel cost etc. and should not include the cost of any replacement parts/components which shall be arranged by the Institute at its own cost. However, a price list of all spares must be provided to the Institute.
- v) The removed/un serviced spare parts shall be the property of NIPER, Mohali and shall be handed over to Indenter by the service provider alongwith service report.
- vi) In each block of 365 days during the entire service contract period the firm will be responsible to maintain the equipment in good working condition for a period of 328 days (i.e. 90% uptime). The time taken by the Institute in providing to the firm the spare parts shall not count towards the downtime. All the complaints will be attended by the firm within 5 days of the dispatch of the complaint to their office. In case there is delay of more than 5 days in attending to a complaint then the number of days in excess of the permissible response time shall be counted in the downtime. The above said response time of 5 days for attending to a complaint will not be counted in the downtime. In case total downtime exceeds the permissible limit as defined above, the service contract shall be extended by the period in excess of the permissible downtime subject to limit of 30 days in a block of 365 days. However, for the period of the downtime in excess of 30 days in block of 365 days, a fine equivalent of double the daily service contract charges shall be recovered from the firm.
- vii) The replaced parts shall remain the property of the Institute.
- viii) The firm will deposit a security in form of Bank Guarantee equivalent to 50% of the additional value of the Annual service contract towards execution of the service contract and to cover the service contract period of five years. This will be furnished within a period of 15 days after the expiry of the guarantee/warranty period. No Advance payment of AMC shall be made under normal circumstances.
- The firm shall try to repair the equipment at Institute itself. However, the equipment may be taken to their site, on their own expenses if in case it is not possible to repair the same at NIPER, the firm shall take the entire responsibility for the safe custody and transportation of the equipment taken out for repairs till this is handed over to purchaser after repair. Any loss of equipment or its accessories on account of theft, fire or any such reasons shall be the sole risk and responsibility of the firm who will compensate the Institute for such losses at FOB value of the damaged/lost equipment/part including accessories.
- x) During the service contract period the parts/components that may be needing replacement shall be made available by the Institute at their own expenses and all import formalities, payment of custom duty etc., shall be complied with/borne by the Institute.
- xi) All service contract charges will be invoiced thrice in each year. The payment of the invoice will be made in arrears after satisfactory servicing within 30 days of the date of submission of the invoice.
- xii) No price revision will be accepted by the Institute during the entire tenure of the service contract agreement.

Dual Intel Xeon Processor E 5-2687W v4 (12C, 3.0CHz, 3.5Chz Turbo, 1.0CHz) and 1.0CHz, 3.5Chz Turbo, 1.0CHz, 3.5Chz Turbo, 1.0CHz, 3.5Chz Turbo, 1.0CHz, 3.5Chz, 3.5Ch	Specification as per indent (point wise)		Compliance of the quoted model	Compliance of alternate model, if any	Remarks
Chipset Intel® CS12Chipset   966B DDR4 @ 2400MHz ECC RDIMM   expandable up to 2566B with 99% uptime   Operating System   Centos/Ubuntu/Windows?	Processor	•			
Memory   SeGB DDR4 @ 2400MH: ECC RDIMM					
Memory expandable up to 25GGB with 99% uptime Centroly Unburntty/Mindows 7 Hard Drive 4TB 3.5inch Serial ATA (5.400 Rpm) Hard Drive 4TB 3.5inch Serial ATA (5.400 Rpm) Hard Drive 5LDW adapter 5LDW adapter 6TB 3.5inch Serial ATA (5.400 Rpm) Hard Drive 6TB 3.5inch Serial ATA (5.400 Rpm) Hard Drive 7  Front 3 – USB 2.0 1 – USB 3.0 1 – Microphone 1 – Headphone; Internal 1 – USB 2.0 1 2x5 USB 2.0 header. (Requires 3rd party splitter cable to support 2 x USB 2.0 Type A ports) 4 – SATA 66b/s;Rear 3 – USB 2.0 Type A ports) 4 – SATA 66b/s;Rear 3 – USB 2.0 Type A ports) 4 – SATA 66b/s;Rear 3 – USB 2.0 Type A ports) 4 – SATA 66b/s;Rear 3 – USB 2.0 Type A ports) 4 – SATA 66b/s;Rear 3 – USB 2.0 Type A ports) 5 – A satisfied a port of the series of	Спрзес				
Operating System  Centos/Ubuntu/Windows7  Hard Drive  4TB 3.Sinch Serial ATA (S.400 Rpm) Hard Drive  NvidiaQuadro K620 2GB (DP, DL-DVI-I) (1 DP to SL-DVI adapter)  Front 3 – USB 2.0 1 – USB 3.0 1 – Microphone 1 – Headphone; Internal 1 – USB 2.0 1 2x5 USB 2.0 header. (Requires 3rd party splitter cable to support 2 x USB 2.0 Type A ports) 4 – SATA 66lb/s;Rear 3 – USB 2.0 1 – RJAS Network Connector 3 – USB 3.0 1 – Serial 2 – PS2 1 – Audio Line in/Microphone 1 – Audio Line out Resident of State 1 – Audio Line out Resident Resi	Memory				
Hard Drive  4TB 3.5inch Serial ATA (5.400 Rpm) Hard Drive  NvidiaQuadro K620 2GB (DP, DL-DVI-I) (1 DP to SL-DVI-I) (1 DP to SL-					
Graphic Card  NividiaQuadro K620 2GB (DP, DL-DVI-I) (1 DP to SL-DVI adapter)  Front 3 – USB 2.0 1 – USB 3.0 1 – Microphone 1 – Headphone; Internal 1 – USB 2.0 1 2x5 USB 2.0 header. (Requires 3rd party splitter cable to support 2 x USB 2.0 Type A port) 4 – SATA 6Gb/s;Rear 3 – USB 2.0 Type A port) 4 – SATA 6Gb/s;Rear 3 – USB 2.0 The Party splitter cable to support 2 x USB 2.0 Type A port) 4 – SATA 6Gb/s;Rear 3 – USB 2.0 1 – Ruf5 Network Connector 3 – USB 3.0 1 – Serial 2 – PS2 1 – Audio Line out Optical Drive 8x Similine DVD+/RW Drive (2) PDC 4x G 6en 3; (1) PCle x16 Gen 3 (wired x8) half length; (1) PCle x4 Gen 2; (1) PCle x16 Gen 3 (wired x8) half length; (1) PCle x4 Gen 2; (1) PCle x16 Gen 3; (1)					
Graphic Card  SL-DVI adapter)  Front 3 – USB 2.0 1 – USB 3.0 1 – Microphone 1	Tidia bilve	418 S.SINCH SCHOLATA (S.400 Kpm) Hard Brive			
Graphic Card  SL-DVI adapter)  Front 3 – USB 2.0 1 – USB 3.0 1 – Microphone 1		NvidiaQuadro K620 2GB (DP_DI-DVI-I) (1 DP to			
Front 3 – USB 2.0 1 – USB 3.0 1 – Microphone 1  - Headphone; Internal 1 – USB 2.0 1 2x5 USB 2.0 header. (Requires 3rd party splitter cable to support 2 x USB 2.0 Type A ports) 4 – SATA 6Gb/s;Rear 3 – USB 2.0  1 – RJ45 Network Connector 3 – USB 3.0 1 – Serial 2 – PS2  1 – Audio Line in/Microphone 1 – Audio	Graphic Card				
- Headphone; Internal 1 - USB 2.0 1 2x5 USB 2.0 header. (Requires 3rd party splitter cable to support 2 x USB 2.0 Type A ports) 4 - SATA 66b/s;Rear 3 - USB 2.0 1 - R44S Network Connector 3 - USB 3.0 1 - Serial 2 - PS2 1 - Audio Line in/Microphone 1 - Audio Line out  Optical Drive 8x Similine DVD-1-RW Drive (2) PCle x16 Gen 3; (1) PCle x16 Gen 3 (wired x8) half length; (1) PCle x4 Gen 2; (1) EXPANSION SLOTS PCle x1 Gen 2; (1) PCl a 3de Reyboard & Mouse USB keyboard & Mouse  Mini-tower with tool-less entry and maintenance with tool free disk mounting and tool free PCl card installation features, chassis should have integrated chassis handles  Trusted Platform Module; Intrusion switch; Setup/8/IOS Password; I/O Interface Security, Kensington Plock slot, Paddock ring, Internal bezel lock; lockable power supply  Certification Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimine optical bay; (2) internal 3.5" bays  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning		,			
Internal 1 — USB 2.0 1 2x5 USB 2.0 header. (Requires 3rd party splitter cable to support 2 x USB 2.0 Type A ports) 4 — SATA 660b/s;Rear 3 — USB 2.0 1 — R445 Network Connector 3 — USB 3.0 1 — Serial 2 — PS2 1 — Audio Line in/Microphone 1 — Audio Line out Optical Drive 8x Slimline DVD+/-RW Drive (2) PCle x16 Gen 3; (1) PCle x16 Gen 3 (wired x8) half length;(1) PCle x4 Gen 2; (1) EXPANSION SLOTS PCle x1 Gen 2; (1) PCl 32 Keyboard & Mouse USB Keyboard & Mouse Mini-tower with tool-less entry and maintenance with tool free disk mounting and tool free PCl card installation features , chassis should have integrated chassis handles Form Factor / Chassis Form Factor / Chassis Form Internal bezel lock; lockable power supply Certification Externally accessible, tool-less power supply, Respond total of (2) 3.5" Or (2) 2.5" Bays The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning		Front 3 – USB 2.0 1 – USB 3.0 1 – Microphone 1			
(Requires 3rd party splitter cable to support 2 x USB 2.0 Type A ports) 4 – SATA 6Gb/s;Rear 3 – USB 2.0 1 - RJAS Network Connector 3 – USB 3.0 1 – Serial 2 – PS2 1 – Audio Line in/Microphone 1 –  EXTERNAL PORTS/CONNECTORS  Audio Line out Optical Drive  8x Slimiline DVD+/-RW Drive (2) PCle x16 Gen 3; (1) PCle x16 Gen 3 (wired x8) half length;(1) PCle x4 Gen 2; (1) EXPANSION SLOTS PCle x1 Gen 2; (1) PCl 32  Keyboard & Mouse  USB Keyboard & Mouse  Mini-tower with tool-less entry and maintenance with tool free disk mounting and tool free PCl card installation features , chassis should have integrated chassis handles  Trusted Platform Module ; Interface Security, Kensington' lock slot, Padlock ring, Setup/BIOS Password; I/O interface Security, Kensington' lock slot, Padlock ring, Internal bezel lock; lockable power supply Certification  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimiline optical bay; (2) internal 3.5" bays  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning software, which ensures optimum performance tuning		– Headphone;			
2 x USB 2.0 Type A ports) 4 – SATA 6Gb/s;Rear 3 – USB 2.0  1 – RJ45 Network Connector 3 – USB 3.0  1 – Serial 2 – P52  1 – Audio Line out  Optical Drive  8x Slimline DVD+/-RW Drive (2) PCle x16 Gen 3; (1) PCle x16 Gen 3 (wired x8) half length;(1) PCle x16 Gen 2; (1)  EXPANSION SLOTS  Reyboard & Mouse  USB Keyboard & Mouse  Whint-tower with tool-less entry and maintenance with tool free disk mounting and tool free PCl card installation features , chassis should have integrated chassis handles  Form Factor / Chassis  Trusted Platform Module ; Intrusion switch; Setup/BIOS Password; J/O Interface Security Kensington* lock slot, Padlock ring, Internal bezel lock; lockable power supply  Certification  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient;  Power Supply  (685W or higher)  The hardware vendors chould supply an automatic system performance tuning software, which ensures optimum performance tuning		Internal 1 - USB 2.0 1 2x5 USB 2.0 header.			
3 – USB 2.0 1 – RJ45 Network Connector 3 – USB 3.0 1 – Serial 2 – PS2 1 – Audio Line in/Microphone 1 – Audio Line out  Optical Drive  8x Silmiline DVD+/-RW Drive  (2) PCle x16 Gen 3; (1) PCle x16 Gen 3 (wired x8) half length; (1) PCle x4 Gen 2; (1)  EXPANSION SLOTS PCle x1 Gen 2; (1) PCl 32  Keyboard & Mouse  USB Keyboard & Mouse  Winin-tower with tool-less entry and maintenance with tool free disk mounting and tool free PCl card installation features , chassis should have integrated chassis handles  Form Factor / Chassis  Former Factor / C		(Requires 3rd party splitter cable to support			
1 - RJ45 Network Connector 3 - USB 3.0		2 x USB 2.0 Type A ports) 4 – SATA 6Gb/s;Rear			
3.0 1 - Serial 2 - PS2 1 - Audio Line in/Microphone 1 - Audio Line out Optical Drive 8x Slimline DVD+/-RW Drive (2) PCle x16 Gen 3; (1) PCle x16 Gen 3 (wired x8) half length; (1) PCle x4 Gen 2; (1) EXPANSION SLOTS PCle x1 Gen 2; (1) PCl 32 EXPANSION SLOTS PCle x1 Gen 2; (1) PCl 32 EXPANSION SLOTS Whini-tower with tool-less entry and maintenance with tool free disk mounting and tool free PCl card installation features , chassis should have integrated chassis handles Form Factor / Chassis Trusted Platform Module ; Intrusion switch; Setup/BIOS Password; I/O Interface Security; Kensington* lock slot, Padlock ring, Internal bezel lock; lockable power supply Certification Leading ISV Vendors certification Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher) (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or (2) 2.5" The hardware wendor should supply an automatic system performance tuning software, which ensures optimum performance tuning					
EXTERNAL PORTS/CONNECTORS  Audio Line out  Audio Line out  (2) PCIe x16 Gen 3; (1) PCIe x16 Gen 3 (wired x8) half length; (1) PCIe x4 Gen 2; (1)  EXPANSION SLOTS  EXPANSION SLOTS  EXPANSION SLOTS  EXPANSION SLOTS  White too a service with too-less entry and maintenance with too-less entry and maintenance with tool free disk mounting and tool free PCI card installation features , chassis should have integrated chassis handles  Form Factor / Chassis  Form F					
EXTERNAL PORTS/CONNECTORS  Audio Line out  (2) PCIe x16 Gen 3; (1) PCIe x16 Gen 3 (wired x8) half length; (1) PCIe x4 Gen 2; (1)  EXPANSION SLOTS  PCIe x1 Gen 2; (1) PCI 32  Keyboard & Mouse  Mini-tower with tool-less entry and maintenance with tool free disk mounting and tool free PCI card installation features , chassis  Should have integrated chassis handles  Trusted Platform Module ; Intrusion switch;  Setup/BIOS Password; I/O Interface Security; Kensington® lock slot, Padlock ring, Internal bezel lock; lockable power supply  Certification  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimline optical bay; (2) internal 5.5" bays (support total of (2) 3.5" or  (2) 2.5"  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning					
Optical Drive  8x Slimline DVD+/-RW Drive  (2) PCle x16 Gen 3; (1) PCle x16 Gen 3 (wired x8) half length;(1) PCle x16 Gen 2; (1) PCl x16 Gen 2; (1					
(2) PCIe x16 Gen 3; (1) PCIe x16 Gen 3 (wired x8) half length; (1) PCIe x4 Gen 2; (1)  EXPANSION SLOTS  PCIe x1 Gen 2; (1) PCIe 32  Keyboard & Mouse  USB Keyboard & Mouse  Mini-tower with tool-less entry and maintenance with tool free disk mounting and tool  free PCI card installation features, chassis should have integrated chassis handles  Trusted Platform Module ; Intrusion switch; Setup/BIOS Password; I/O Interface Security; Kensington® lock slot, Padlock ring, Internal bezel lock; lockable power supply  Certification  Leading ISV Vendors certification  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimline optical bay; (2) internal 3.5" bays  Seys (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning	•				
x8) half length;(1) PCle x4 Gen 2; (1) PCle x1 Gen 2; (1) PCl 32  Keyboard & Mouse  USB Keyboard & Mouse  Mini-tower with tool-less entry and maintenance with tool free disk mounting and tool free PCl card installation features, chassis should have integrated chassis handles  Trusted Platform Module; Intrusion switch; Setup/BIOS Password; I/O Interface Security; Kensington® lock slot, Padlock ring, Internal bezel lock; lockable power supply  Certification  Leading ISV Vendors certification  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or (2) 2.5"  Bays  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning	Optical Drive				
EXPANSION SLOTS  PCIe x1 Gen 2; (1) PCI 32  Keyboard & Mouse  Mini-tower with tool-less entry and maintenance with tool free disk mounting and tool free PCI card installation features , chassis should have integrated chassis handles  Trusted Platform Module ; Intrusion switch; Setup/BIOS Password; I/O Interface Security; Kensington® lock slot, Padlock ring, Internal bezel lock; lockable power supply  Certification  Leading ISV Vendors certification  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or (2) 2.5"  Bays  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning					
Keyboard & Mouse  Mini-tower with tool-less entry and maintenance with tool free disk mounting and tool free PCI card installation features , chassis should have integrated chassis handles  Trusted Platform Module ; Intrusion switch; Setup/BIOS Password; I/O Interface Security; Kensington* lock slot, Padlock ring, Internal bezel lock; lockable power supply  Certification  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or  (2) 2.5"  Bays  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning	EVENNICIONI CLOTO				
Mini-tower with tool-less entry and maintenance with tool free disk mounting and tool free PCI card installation features , chassis should have integrated chassis handles  Trusted Platform Module ; Intrusion switch; Setup/BIOS Password; I/O Interface Security, Kensington® lock slot, Padlock ring, Internal bezel lock; lockable power supply  Certification Leading ISV Vendors certification  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or  (2) 2.5"  Bays (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning					
maintenance with tool free disk mounting and tool free PCI card installation features , chassis should have integrated chassis handles  Trusted Platform Module ; Intrusion switch; Setup/BIOS Password; I/O Interface Security (Internal bezel lock; lockable power supply)  Certification (Internal bezel lock; lockable power supply)  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or (2) 2.5"  Bays (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning	Keyboard & Mouse				
tool free PCI card installation features , chassis should have integrated chassis handles  Trusted Platform Module ; Intrusion switch; Setup/BIOS Password; I/O Interface Security (Ensington® lock slot, Padlock ring, Internal bezel lock; lockable power supply Certification (Leading ISV Vendors certification)  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or (2) 2.5"  Bays (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning					
free PCI card installation features , chassis should have integrated chassis handles  Trusted Platform Module ; Intrusion switch; Setup/BIOS Password; I/O Interface Security; Kensington® lock slot, Padlock ring, Internal bezel lock; lockable power supply  Certification  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or  (2) 2.5"  Bays  (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning					
Form Factor / Chassis should have integrated chassis handles  Trusted Platform Module; Intrusion switch; Setup/BIOS Password; I/O Interface Security; Kensington® lock slot, Padlock ring, Internal bezel lock; lockable power supply Certification Leading ISV Vendors certification  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; Power Supply (685W or higher)  (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or (2) 2.5" or (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning					
Trusted Platform Module; Intrusion switch; Setup/BIOS Password; I/O Interface Security, Kensington® lock slot, Padlock ring, Internal bezel lock; lockable power supply Certification Leading ISV Vendors certification Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or (2) 2.5"  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning	Form Factor / Chassis				
Setup/BIOS Password; I/O Interface Security, Kensington® lock slot, Padlock ring, Internal bezel lock; lockable power supply  Certification  Leading ISV Vendors certification  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or  (2) 2.5"  Bays  (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning	Tomit detaily chassis				
Security Kensington® lock slot, Padlock ring, Internal bezel lock; lockable power supply  Certification  Leading ISV Vendors certification  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or  (2) 2.5" or  (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning		· · · · · · · · · · · · · · · · · · ·			
Security Internal bezel lock; lockable power supply Certification Leading ISV Vendors certification  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or (2) 2.5" or (2) 2.5" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning					
Certification  Leading ISV Vendors certification  Externally accessible, tool-less power supply, 80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or  (2) 2.5"  Bays (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning	Security				
80 Plus gold certified, 90% efficient; (685W or higher)  (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or  (2) 2.5"  Bays (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning					
Power Supply  (1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or  (2) 2.5" or  (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning		Externally accessible, tool-less power supply,			
(1) external slimline optical bay; (2) internal 3.5" bays (support total of (2) 3.5" or (2) 2.5" (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning		80 Plus gold certified, 90% efficient;			
internal 3.5" bays (support total of (2) 3.5" or (2) 2.5"  (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning	Power Supply	(685W or higher)			
(support total of (2) 3.5" or  (2) 2.5"  Bays (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning		(1) external slimline optical bay; (2)			
Bays (2) 2.5" (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning		•			
(2) 2.5" (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning					
Bays (3) drives); (1) external 5.25" bay  The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning					
The hardware vendor should supply an automatic system performance tuning software, which ensures optimum performance tuning	-				
automatic system performance tuning software, which ensures optimum performance tuning	Bays				
software, which ensures optimum performance tuning					
which ensures optimum performance tuning					
SOTTWAYS Later leading CAD/CAM/CAE	Software	for leading CAD/CAM/CAE			
Software for leading CAD/CAM/CAE  Monitor 24" LED TFT monitor					
	WOIIIO				
Minimum 3 years comprehensive onsite Next  Warranty  Business day	Warranty				

#### MANDATE FORM FOR PAYMENT

Sr.No.	Supplier Details
1	Vendor Name
2	Father/ Husband Name
3	DOB
4	PAN Number
5	Aadhaar Number
6	TIN Number
7	Service Tax No.
9	Address1
10	City
11	Country
12	State
13	District
14	Pin code
15	Mobile No.
16	Phone
17	Email
18	Bank Name
19	IFSC Code
20	Account Number
21	Others

Bidder(s)/Authorized Signatory (ies)