कृषिमूला ऋद्धिः

Principal,
ASPEE Agribusiness Management Institute
Navsari Agricultural University, Navsari-396450,
Gujarat

Tender Document for

Supply, Fixing, Install and Configuration of High End Servers with virtualization with complete service Support at NAU

[NAU/IT/02-2019-20]

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Tender Name: Supply, Fixing, Install and Configuration of High End Servers with virtualization with complete service Support at NAU [NAU/IT/02-2019-20]

Department of IT is presently working under ASPEE Agribusiness Management Institute, Navsari Agricultural University, and Navsari. It is providing the entire IT Services across the University Jurisdiction across the south Gujarat. This Tender is intended to procure high end servers with Virtlisation technology.

Tender available for downloading and uploading	22/11/2019 to 19/12/2019
Last date for submission of tender fee, EMD and other mandatory documents by RPAD / Courier / Speed post in hardcopy.	20/12/2019 up to 18:00 Hrs.
Security Deposit	5% of purchase order
Bid Validity	365 Days

The details of Tender fee and EMD applicable is given below.

Sr. No	Procurement Group	Tender Fee	EMD (In Rs.)	Pre Bid Meeting (Date & Time)
1	Supply, Fixing, Install and Configuration of High End Servers with virtualization with complete service Support at NAU	2500/-	1,30,000/-	04/12/2019 09:00 AM to 10:00 AM

The detail requirements, specifications of procurement and tender document will be published on website www.nau.in under tender section. If any future updates /corrigendum regarding tender will be there, it will be only published in website www.nau.in / www.nprocure.com during tender period. Bidder may check www.nau.in / www.nprocure.com periodically during tender period. Bidder can participate in this tender through www.nprocure.com only.

Pre Bid Meetings per above mentioned date and time .The scope of the procurement will be elaborated and discussion would be took place in the form of question answer between bidders and tender invitee. Participation in Pre Bid Meeting is not compulsory for participation in this tender, but bidder are requested to take part for understating requirement undoubtedly.

Venue of Pre Bid Meetings:

IT Server Room, ASPEE Agribusiness Management Institute, Navsari Agricultural University, Navsari – 396450

                                                                          Principal

                                                                          AABMI, NAU, Navsari

Chapter-2 General Guidelines and Terms and Conditions

1.		**Contents of the Tender document & Clarification of tender document**
	1.1	The parties are expected to examine all instructions, forms, terms and requirements in the tender document. Failure to furnish all information required by the tender document or submission of a bid not substantially responsive to the tender document in every respect will be at the party's risk and may result in the rejection of
	1.2	A prospective party requiring any clarification on the tender document may clear their doubt in Pre Bid Meetings only. If any bidder is not attending this meeting is considered that he is well aware with requirements of this tender. In future bidder can't claim that they were not aware about pre-bid meeting discussions.
	1.3	If Bidder is giving wrong information on specification will be black listed for the period of 5 years.
2.		**Amendment of Tender document**
	2.1	At any time prior to the last date for receipt of bids, the Purchaser, may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective party, modify the tender document by an amendment.
	2.2	The amendment will be notified through website (www.nau.in / www.nprocure.com) to all prospective parties. So all the bidders are requested to frequently visit the Navsari Agricultural University website www.nau.in.
	2.3	In order to afford prospective parties reasonable time in which to take the amendment into account in preparing their bids, the Purchaser may, at its discretion, extend the last date for the receipt of Bids.
	2.4	On Scrutiny of tender document if any queries raised by the committee have to be replied satisfactorily with all documentary proofs within specific time period.
3.		**Bid Prices**
	3.1	The bidders should have to quote the prices in Indian Rupees for the each including installation, configuring, commissioning, and labor, transportation and all taxes charges. Prices quoted must be firm and final and shall remain constant throughout the bid validity period of the contract and shall not be subject to any upward
	3.2	Travel expenditures of man power for supply, installation and configuration will not be given by Navsari Agricultural University.
	3.3	The Conditional Rate will not be approved and Tenderer shall be disqualified.
4.		**Site Conditions**
	4.1	It will be imperative on each party to fully acquaint him with the Navsari Agricultural University building conditions and factors which would have any effect on the performance of the work and / or the cost.
	4.2	The selected bidder must have to carry out and complete the work of Supply, Install and Configuration of at any places/building of NAU's Navsari main Campus.
5.		**Selection of Bidders**
	5.1	Selection of Lowest bidder for procurement group will be done on the basis of the overall group grand total obtained for the respective procurement group.
	5.2	The selected L1 bidder has to sign agreement with acceptance of terms and conditions for respective procurement group on Rs 300 stamp paper with NAU.
6.		**Documentation**

	6.1	The Selected Bidder is required to submit training and manual document of installation.
7.	**Terms of Payment**	
	7.1	The Bidder should specifically note that no advance payment will be made. The payment will be done only after Issue of completion certificate.
	7.2	The payment of all charges shall be made after satisfactory completion of the work as specified in scope of work and work orders for procurement group respectively.
	7.3	As per the government norms Income Tax and GST will be deducted from paid bill amount as applicable.
8.	**Rights**	
	8.1	Right is reserved to accept or reject any or all tender without assigning any reasons thereof.
	8.2	The Authority of Navsari Agricultural University Reserve all rights to issue work order of selected items from procurement group subject to requirements, needs and grant availability.
	8.3	NAU reserves the right to postpone the date of opening of tender or to cancel the tender notice without assigning any reasons thereof. Any request from prospective bidder to postpone or to change date of opening of the tender due to any reason, whatsoever, will not be considered.
9	**Warranty**	
	9.1	The parties should warrants that the Goods supplied under this tender are new, unused, of the most recent or current models and those they incorporate all recent improvements in design and materials unless provided otherwise in the tender. This warranty shall remain valid as per Technical specifications and scope of work after the Goods or any portion thereof as the case may be, have been delivered, commissioned and accepted at the final destination.
	9.2	The Purchaser shall promptly notify the party in writing of any claims arising under this warranty.
	9.3	Upon receipt of such notice, the party shall, within 48 hours and with all reasonable speed, repair or replace the defective Goods or parts thereof, without any cost to the Purchaser.
	9.4	If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in 9.3 above, the Purchaser may proceed to take such remedial action as may be necessary, at the party's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract.
	9.5	In case of defective items, the same shall have to be replaced by the party concerned at its own cost, and risk, and within stipulated time.
10	**Penalty Clause**	
	10.1	In any case bidder will be failed to provide satisfaction in any of the above Terms & Conditions then bidder will lose security deposit and other necessary actions will be take place like **selected bidder will be blacklisted by NAU and bidder has to pay back total paid amount with 10% penalty charges.**

Signature of Bidder

(With Stamp, Name & Designation)

Chapter 3: Bidder Information

1. Name of supplier / firm :

2. Company Registration No. :

3. Complete postal address :

4. Telephone /Mobile Number :

5. FAX Number (if any) :

6. E-mail address   :

7. Sales Tax / Service Tax No. :

8. GST No.   :

9. PAN No.   :

10. Any other details:

We agree to abide by the terms and conditions of supply mentioned in this tender document.

Signature of Bidder

(With Stamp, Name & Designation)

Chapter 4: Technical Bid Documents (Checklist Documents)

Name of the bidder:

Sr. No.	Check List Documents	Submitted Yes/No	Page No.
1	Tender Fee: Demand draft only. (Non-Refundable).		
2	EMD: Demand draft only. (Refundable).		
3	Valid Registration Certificate of bidders firm.		
4	GST Registration Certificate.		
5	Signed Copy of Chapter 2: Guidelines and Terms & conditions.		
6	Signed Copy of Chapter 3: Bidder Information.		
7	Signed Copy of Chapter 8 on Bidder's Company Letter Head.		
8	3 Year Income Tax Returns of Assessment Year 2017-18, 2018-19 and 2019-20.		
9	Original affidavit from the bidder that business entity is not blacked listed by any government organization. (notarized on Rs. 300 stamp paper)		
10	OEM Authorization Partnership Certificate. **(For Servers and VMware software only)**		
11	Certificate of Tender participation from OEM. **(For Servers and VMware software only)**		
12	Work Completion/Implementation Certificate for vSan Technology Implementation by organization.		

Note: All the above mentioned Checklist documents must be submitted online through nprocure.com in scan copy and offline by hardcopy to NAU.

DECLARATION

I/We solemnly declare that we have attached all the documents mentioned here above and mentioned in the tender. It is verified that all the certificates/ permissions/ documents are valid and current as on date and have not been withdrawn/ cancelled by the issuing authority. I/We further undertake to produce on demand the original certificate/ permission/ document for verification at any stage during the processing of the tender. I/We also understand that non-compliance of any documents will be treated as non-respective tender and we will lose our claim to participate in the Tender Enquiry automatically and our tender will be liable to reject.

Signature of Bidder

(With Stamp, Name & Designation)

Chapter 5: Tender Fee, EMD Submission Address

Tender Fee: Bidder has to submit nonrefundable Tender Fee in the form of Bank Draft in favor of **"Drawing and Disbursing Officer (DDO) ASPEE Agri. Mgmt. Inst. A/c"**, payable at Navsari. Tender fee is compulsory for tender participation in procurement group, without which tenders will not be considered.

Earnest Money Deposit: Tender shall be accompanied by an earnest money, without which tenders will not be considered. The EMD should be submitted in the form of Nationalized or Scheduled Bank Demand Draft in favor of **"Drawing and Disbursing Officer (DDO) ASPEE Agri. Mgmt. Inst. A/c"**, payable at Navsari.

Bidder has to submit Tender fee and EMD Demand draft Separate for group as applicable.

Sr. No	Procurement Group	Tender Fee	EMD (In Rs.)
1	Supply, Fixing, Install and Configuration of High End Servers with virtualization with complete service Support at NAU	2500/-	1,30,000/-

Refund of earnest money: The earnest money of unsuccessful Bidder will be refunded.

Forfeiture of earnest money: The earnest money will be forfeited in the following cases:

- When Bidder withdraws or modifies the offer after opening of tender.
- When the Bidder does not deposit the security money after the work/purchase order is given.

Security Deposit: Successful bidder shall deposit security/performance guarantee money (5% of purchase/work order) in the form of Bank Draft in favor of "Drawing and Disbursing Officer (DDO) ASPEE Agri. Mgmt. Inst. A/c", payable at Navsari or Performance Bank Guarantee (25% of purchase/work order).

Refund of Security Deposit: The amount of security deposit will be refunded after completion of warranty period/service contract/AMC.

Forfeiture of Security Deposit: The security deposit will be forfeited in the following cases:

- When works/services are not successfully executed as per requirement mentioned in the tender document and work order.
- When successful bidder terminate the works/services in during execution period.
- When any issue raised in quality or services during warranty period/warranty period/service contract/ AMC.

Tender Fee, EMD and Tender Submission Address:

Principal
ASPEE Agribusiness Management Institute,
Navsari Agricultural University, Eru Char Rasta, Navsari– 396450 (Gujarat)
Email: itcell@nau.in, Phone: 02637-282960

Chapter 6: Instructions to bidders for Tender Participation

1.	All tender documents can be downloaded from the website www.nau.in under tender section and nprocure.com.	
2.	The bidders are instructed to apply this online tender through nprocure.com only.	
3.	All The Mandatory documents must be submitted online and offline on or before Last date for online and offline submission of tender.	
4.	All the bidder specially note that price bid must be submitted online through nprocure.com only. If price bid document is submitted in hard copy then bidder will be declared disqualified.	
5.	Procedure for Submission of Technical Bids.	
	5.1	Technical bid cover must include all the check list documents (Chapter-4).
	5.2	Technical bid of the Tender should be covered in a separate sealed cover super scribing the wordings "Technical Bid" with group name.
	5.3	**Tender Fee & EMD must be submitted separately for group as applicable.**
	5.4	Technical bid cover/s prepared as above, are to be kept in a single Big sealed cover super scribed with "Tender: Supply, Fixing, Install and Configuration of High End Servers with virtualization with complete service Support at NAU".
	5.5	The cover thus prepared should also indicate clearly the name and address of the parties, to enable the Bid to be returned unopened in case it is declared "Late".

Chapter-7 Instructions to bidders for Online Tender Participation

1. All tender documents can be downloaded free from the website http://au.nprocure.com or http://www.nprocure.com

2. All bids should be submitted online on the website http://au.nprocure.com or http://www.nprocure.com

3. All bids should be digitally signed. For the details regarding digital signature certificate and related training involved the below mentioned address should be contacted

(n)Code Solutions
A division of GNFC
301, GNFC Infotower, Bodakdev, Ahmedabad 380054 (India)
Tel. : +91 79 26857316 / 17 / 18
Fax : +91 79 26857321
Toll Free Number : 1-800-233-1010 www.ncodesolutions.com

4. The user can get a copy of instructions to online participation from the website
http://au.nprocure.com or http://www.nprocure.com

5. The service provider should register on the website through the "New User" link provided at the home page, the registration on the site should not be taken as registration or empanelment or any other form of registration with the tendering authority.

6. The application for training and issue of digital signature certificates should be made at least 72 hours in advance to the due date and time of tender submission.

7. For all queries regarding use of digital signature certificate should be addressed to M/s. (n)Code Solutions.

8. For all queries regarding tender specifications and any other clauses included in tender should be addressed to personnel in tendering office address provided below

Principal
ASPEE Agribusiness Management Institute,
Navsari Agricultural University, Eru Char Rasta, Navsari– 396450 (Gujarat)
Email: itcell@nau.in, Phone: 02637-282960

Chapter-8 Specifications, Requirements and Scope of work for Supply, Fixing, Install and Configuration of High End Servers with virtualization with complete service Support at NAU.

SR NO.	Item with Specifications	Approx. Requirements
1	**Supply, Install and Configuration and Maintain In vSAN Ready Nodes** (Brand: HP / DELL / Lenovo) - Chassis: 2U or Higher Rack Mountable - vSAN Ready Node with 24 Hard Disk Bays. - CPU: 1 Nos. X Intel® Xeon® Gold 5218 16Core / 32 Threads Processor - 2.30GHz Clock Speed, 22MB L3 Cache (Second Processor scalable in future) - Memory Technology: (a) Minimum 24 DIMM Slots (b) Memory DIMM Slots must be supporting 8GB / 16GB / 32GB / 64GB / 128GB memory modules. - Memory Installed: 192GB ECC DDR4 Registered Memory, Operating at 2933 MHz using 32GB x 6 Nos. DIMMS. - Chipset: Intel C620 series chipset or Higher - Caching Tier: 1 Nos. X 800GB (or Higher Capacity) 12Gbps SAS SSD Write Intensive with Minimum 10000 TBW / 10 DWPD. - Capacity Tier: 6 Nos. X 2.4TB (or Higher Capacity) 12Gbps 10000 RPM Hot Swappable SAS Hard Disks. - Controller Cards: vSAN Compatible 12Gbps Pass through Controller / HBA. - Boot Device: BOSS controller card with 2 M.2 Sticks 240G (RAID 1), with VMware ESXi 6.7 U2 Embedded Image. - Networking features: 2 Nos. of Full Gigabit Ethernet ports and 4 Nos. of 10G SFP+ Ports with support of TCP/IP, Wake on LAN, Failover, and Fault Tolerance must be available from day one. Scalability of 25Gigabit Ethernet Ports in same server. - Ports: 2 Front and 2 Rear USB ports, 2 RJ-45 port, 1 VGA, 1 Management Port (TCP\IP based). Dedicated USB / Micro USB or any type of Server Management port to manage the server from BIOS Level. - Slots: Minimum four PCIe Slots available from day one and scalable up to minimum 7 or Higher PCI Slots. - Server Management Features / Technologies / Software's Embedded Agent less Server Management software regardless of operating system or Hypervisor Presence, should be GUI HTML5 based with functionality/features mentioned below: · Alerts for monitoring health of critical components. Integration for vmware vCenter. (a) Should support automatic check & update of hardware drivers & BIOS Version Control. (b) Should support an open industry standard specification and schema that helps enable simple and secure management of modern scalable platform hardware. (c) Health / error LED or LCD/LED in front of server.	3

		(d) Should be able to generate a report on Inventory & automatically track server warranty information. Remote Deployment & Configuration. (e) Email Alertings on at least, Fan, Power Supply, Memory, CPU, RAID, NIC, Internal HDD, and Out of Band Performance. Customizable Settings for Exhaust Temperature. • Diagnostics Features: Embedded Diagnostic Tools, Server Configuration Backup & Restoration, System error LEDs on Front Panel in case of component failure. • Power Supply: Minimum 1100watt Hot Swappable High Efficiency Redundant Power Supplies (1+1) capable to provide necessary power for fully loaded server with India Power Cord. • OS Support: Microsoft Windows Server 2019 or higher, Red Hat Enterprise Linux (RHEL), SUSE Linux Enterprise Server (SLES), Ubuntu, Citrix Xen Server, Vmware ESXi. • Virtualization Support: (a) 2 downgrade versions and latest version of MS Windows Hyper-V, Redhat KVM, Citrix Xen Server and VMware ESXi. (b) Integration Support with Microsoft System Center, Vmware vCenter, Nagios XI, Redhat KVM • Mounting Kit: Sliding Rack mounting kit for 2U rack server. • Warranty: (a) 24 x 7 three years on-site comprehensive warranty with parts and minimum 7 years OEM's product support guarantee. (b) Onsite Response time must be maximum 2 hour and resolution time must be 24 hours.	
2	Supply, Install and Configuration 10Gbps Top of the Rack Switch (Brand: HP / DELL / Cisco/Extreme/Lenovo) • Rack Mountable - Layer 3 featured • Switching Capacity: 300Gbps or higher • Ports: Minimum 16 / 24 Port 10Gbps Network Switch with minimum 6 Nos. of 10Gbps Copper Ports and all rest 10G SFP+ ports equipped with transceiver modules and required cables to connect the proposed servers with 10G FC. • Memory: Switch having minimum 256MB Flash and 512MB CPU Memory • Layer 2 Protocols Supported - Spanning Tree Protocol, Port Grouping / Link Aggregation, Support for up to 4000 active vLANs simultaneously. • Layer 3 Protocols Supported - IPv4 Routing, IPv6 Routing, Layer 3 Interface, Policy Based Routing, Relay of broadcast information across Layer 3 domains for application discovery or relaying of BOOTP/DHCP packets. • Stacking: Both the switches must be stacked for high availability. • Security: SSH for Telnet, SSL, IEEE 802.1X (authenticator role), IEEE 802.1X supplicant, STP Root Guard, DHCP snooping, IP Source Guard (IPSG), IP/MAC/Port Binding (IPMB), Private VLAN, RADIUS/TACACS+ Authentication, Denial-of-Service (DoS) attack prevention, Support Up to Support for up to 2000 ACLs.		2

		• Quality of Service: Port based; 802.1p VLAN priority based; IPv4/v6 IP precedence/ToS/DSCP based; DiffServ; classification and remarking ACLs, trusted QoS. • Management: GUI Based Management • Frame Size: Frame sizes up to 9000 bytes and support up to 32000 MAC Address. • Warranty: (c) 24 x 7 three years on-site comprehensive warranty with parts and minimum 7 years OEM's product support guarantee. Onsite Response time must be maximum 2 hour and resolution time must be 24 hours.	
3	**Supply, Install, Configuration and Maintain Backup Server** (Brand: HP / DELL / Lenovo) • 2U or Higher Rack Mountable. • CPU: 1 Nos. X Intel® Xeon® 4214, 12ore / 24 Threads Processor - 2.20GHz Clock Speed, 16.5MB L3 Cache or Higher. • Memory Technology: Minimum 16 DIMM Slots, Supporting 2933MHz or Higher, Memory DIMM Slots must be supporting 8GB / 16GB / 32GB / 64GB / 128GB memory modules. • Memory Installed: 64GB ECC DDR4 Registered Memory, Operating at 2933 MHz using 32GB x 2 Nos. DIMMS. • Chipset: Intel C620 series chipset or Higher • HDD Bays: Minimum 12 Hot Plug 3.5" Hard disk Bays from day one. • Hard Disk Drives: (a) 2 Nos. X 3.5" 600GB (or Higher Capacity) 10000 RPM Hot Swappable SAS Hard Disks. (b) 6 Nos. X 3.5" 8TB (or Higher Capacity) 7200 RPM Hot Swappable NL-SAS Hard Disks. • Storage Controllers: SAS RAID Controller supporting RAID 0,1,5,6 (From Day one) with 2GB Cache memory. • Networking features: 2 Nos. of Full Gigabit Ethernet ports and 2 Nos. of 10G SFP+ Ports with support of TCP/IP, Wake on LAN, Failover, and Fault Tolerance must be available from day one. Scalability of 25Gigabit Ethernet Ports in same server. Should be compatible with offered Switch for connectivity. • Ports: 2 Front and 2 Rear USB ports, 2 RJ-45 port, 1 VGA, 1 Management Port (TCP\IP based). Dedicated USB / Micro USB or any type of Server Management port to manage the server from BIOS Level. • Slots: Minimum four PCIe Slots available from day one and scalable up to minimum 7 or Higher PCI Slots. • Server Management Features / Technologies / Softwares (Please Specify name): Embedded Agent less Server Management software regardless of operating system or Hypervisor Presence, should be GUI HTML5 based with functionality/features mentioned below: · Alerts for monitoring health of critical components. • Should support automatic check & update of hardware drivers & BIOS Version Control.	1	

	• Should support an open industry standard specification and schema that helps enable simple and secure management of modern scalable platform hardware. i.e. Redfish • Health / error LED or LCD/LED in front of server. • Should be able to generate a report on Inventory & automatically track server warranty information. Remote Deployment & Configuration. • Email Alertings on at least, Fan, Power Supply, Memory, CPU, RAID, NIC, Internal HDD, Out of Band Performance. Customizable Settings for Exhaust Temperature. • Diagnostics Features: Embedded Diagnostic Tools, Server Configuration Backup & Restoration, System error LEDs on Front Panel in case of component failure. • Power Supply: 750watt Hot Swappable High Efficiency Redundant Power Supplies (1+1) capable to provide necessary power for fully loaded server with India Power Cord. • OS Support: Microsoft Windows Server 2019 or higher, Red Hat Enterprise Linux (RHEL), SUSE Linux Enterprise Server (SLES), Ubuntu, Citrix Xen Server, Vmware ESXi • Virtulization Support: • 2 downgrade versions and latest version of MS Windows Hyper-V, Redhat KVM, Citrix Xen Server and VMware ESXi. • Integration Support with Microsoft System Center, Vmware vCenter, Nagios XI, Redhat KVM • Mounting Kit: Sliding Rack mounting kit for 2U rack server. • Warranty: • 24 x 7 three years on-site comprehensive warranty with parts and minimum 7 years OEM's product support guarantee. • Onsite Response time must be maximum 2 hour and resolution time must be 24 hours.	
4	**Supply, Install, Configuration & Maintain Academic: VMware HCI Acceleration Kit 6 (Per CPU)** • SNS is required separately. Includes quantity of 3 VMware vSphere 6 Standard for 1 processor and quantity of 3 VMware vSAN 6 Standard for 1 processor. • Part Number - HCI-AK-CPU-A	1
5	**Supply, Install, Configuration & Maintain Academic: Production Support/Subscription for VMware HCI Acceleration Kit 6 (Per CPU) for 3 year** • Technical Support, 24 Hour Sev 1 Support -- 7 days a week. • Part Number - HCI-AK-CPU-3P-SSS-A	1
6	**Supply, Install, Configuration & Maintain Academic: VMware vCenter Server 6 Foundation for vSphere up to 4 hosts (Per Instance)** • SnS is required separately. • Part Number - VCS6-FND-A	1
7	**Supply, Install , Configuration & Maintain Academic: Production Support/Subscription VMware vCenter Server 6 Foundation for vSphere up to 4 hosts (Per Instance) for 3 year** • Technical Support, 24 Hour Sev 1 Support -- 7 days a week. • Part Number - VCS6-FND-3P-SSS-A	1

8	**Supply, Install , Configuration & Maintain Academic: VMware vSphere 6 Standard for 1 processor** • SnS is required separately. Includes quantity of 1 VMware vSphere 6 Standard for 1 processor • Part Number - VS6-STD-A	1
9	**Supply, Install , Configuration & Maintain Academic: Basic Support/Subscription VMware vSphere 6 Standard for 1 processor for 3 year** • Technical Support, 12 Hours/Day, per published Business Hours, Mon. thru Fri. • Part Number - VS6-STD-3P-SSS-A	1
10	**Supply, Install , Configuration & Maintain Backup Software Solution** • Backup Software to take minimum 20 Physical / Virtual Servers operating system Backup (not limiting to scale more servers) (Bidder has to mention brand and version). • OEM Must be Gartner Leader for last 1 year, Full Virtual Machine Backup & Restoration, File Level Backup and Restoration, Should have Plug-in with vSphere, built in Deduplication and Compression feature, Image Based Virtual Machine Replication from Backup, 3 Years OEM Support and Subscription.	1
11	**Supply, Install and Configuration Microsoft Operating System License** • Microsoft Windows 2019 2 Core Standard Edition Paper License – Academic. • Part Number - 9EM-00633	
12	**Supply, Install and Configuration HPE D2220sb Build-to-order Storage Blade (Compatible with HP C7000 BLADE CHASIS)**	
13	**Supply, Install and Configuration HPE 2.4TB SAS 12G Enterprise 10K SFF (2.5in) SC 3yr Wty 512e Digitally Signed Firmware HDD (Compatible with HPE D2220sb Build-to-order Storage Blade)**	
14	**Supply, Install and Configuration HPE 3 year Foundation Care 24x7 B2200 Storage Bundle Service.**	
15	**Supply, Install and Configuration 16GB MEMORY MODULE DDR4 Original HP (Compatible with HP DL380 GEN9 RACK SERVER)**	**As Per Requirements**
16	**Supply, Install and Configuration 32GB MEMORY MODULE DDR4 Original HP (Compatible with HP DL380 GEN9 RACK SERVER)**	
17	**Supply, Install and Configuration 16GB MEMORY MODULE DDR4 Original Dell (Compatible with DELL R630 RACK SERVER)**	
18	**Supply, Install and Configuration 32GB MEMORY MODULE DDR4 Original Dell (Compatible with DELL R630 RACK SERVER)**	
19	**Supply, Install and Configuration 1.2TB 12Gbps 10000 RPM Hot Swappable SAS Hard Disks (Compatible with HP DL380 GEN9 RACK SERVER)**	
20	**Supply, Install and Configuration 1.2TB 12Gbps 10000 RPM Hot Swappable SAS Hard Disks (Compatible with DELL R630 RACK SERVER)**	
21	**Supply, Install and Configuration 1.2TB 12Gbps 10000 RPM Hot Swappable SAS Hard Disks (Compatible with DELL EMC2 VNXe3200)**	

Scope of work
 • Vendor must be authorized by the OEM for all the above mentioned items in this procurement group and the solutions they offer for above mentioned specifications and

scope of work. Respective Manufacturer's **Authorized Partnership Certificate** must be represented by vendor along with the technical bid. Vendor must have to submit the **OEM authorization letter** specific to this bid.

- Vendor should have certified, technically skilled team for the solution they have quoted for. Relevant certificates must be submitted which certificates must be valid for at least next 1-3 years. VMware certified professionals within organization is required. Bidder must have technical certified resource for vSan technology, certificate for the same is to be provided. The selected bidder required to submit this certificate document at the time of Contract signing.
- Vendor must have 1 reference case of vSAN solution and Vendor must provide completion certification for the same.
- The selected bidder must provide complete onsite training for installation and configuration and also has to provide project report, covering entire implementation Step-by-step Document in hard copy and Soft copy for above mentioned items to IT Department NAU.
- Vendor has to submit the service escalation matrix and should have adequate facilities to provide 24 x 7, 2 hour Response support to NAU. Vendor can deploy one engineer at their own cost in NAU for the entire warranty period for onsite support whenever required. (Transportation, Lodging, boarding and any other cost for service support and warranty will be in bidder's scope during contract and warranty period.) Response time for any complain should be maximum 2 hours from the time of registering the complaint by any of the way; i.e. SMS / Email / Telephone call by NAU authorized person.
- Vendor will have to provide alternate contact nos. to communicate in case of emergency situation. As and when require, vendor will provide additional technical support team at their own cost for the system they have provided is facing any difficulties which are not resolved by one engineer even after 24 hours.
- To start, up and running the system all the required power Cables, Connectors, Patch Cords, Transceivers must be considered and provided by bidder in their proposed commercials.
- Vendor will have to migrate our existing physical and virtual servers to new infrastructure seamlessly.
- Full implementation and technical support will be provided by the vendor for entire IT infrastructure solution including item wise all active and passive components provided for entire warranty/guarantee and service support period as per list wise item specified.
- The payment will be given only after issue of completion Certificate from IT Department NAU.
- The Selected bidder should ensure NAU gets all firmware updates/upgrades, OS updates/upgrades during warranty/guarantee and service support period without any additional cost.
- The NAU reserves right to extend or decrease contract period on same terms, conditions, rates and specifications with consent of selected bidder. (After completion of contract period)
- **The Selected bidder must have to supply items as per above mentioned specifications or higher.**
- The Supply and Installation work should be as per the Work Orders, Item specification and scope of work.
- NAU reserves right to issue work order as per requirements subject to grant availability.
- Any failure to fulfill this requirement shall attract the penal provisions of this contract arising out of the resultant non-execution of the work in due time.
- The Navsari Agricultural University reserves the right to **increase** the **quantity & amount** of the tender on the same terms & condition, rates & specifications with consent of selected bidder.
- The Selected bidder has to complete work as per the work order in 45 days after issuing purchase Order.

- The NAU reserves right to extend or decrease contract period on same terms, conditions, rates and specifications.
- The selected bidder has to onsite supply, fix, setup, configure above mentioned items at Navsari main campus as per work order and scope of work.
- The bidder is required to submit product catalog of above mentioned all items with model and specification in hard copy with Tender application.
- The Selected Bidder is required to give operational Training to the IT Department.

Signature of Bidder

(With Stamp, Name & Designation)