

**INDIAN INSTITUTE OF TECHNOLOGY JODHPUR**  
**NH-62, Nagaur Road, Karwar, Jodhpur-342037**  
**Email: sps@iitj.ac.in, Tel: 0291-280-1101**

**Corrigendum 4**  
**Date: July 5, 2018**

The requirement is that we need 5 years of warranty. So the L1 is to be calculated based on total of item no. 1,2, and 3 in BoQ with the warranty. The AMC may be given as an additional document, that will NOT be considered for the selection of the vendor.

# INDIAN INSTITUTE OF TECHNOLOGY JODHPUR

NH-65, Nagaur Road, Jodhpur-342037, Karwad

## Corrigendum 3

Date: July 5, 2018

SUPPLY and INSTALLATION OF VIRTUAL DESKTOP INFRASTRUCTURE SOLUTION

NIT No.: IITJ/SPS/2018-2019/4 dated 05-06-2018

“Last Date of submission: July 6, 2018 by 3:00 PM”

“Bid Opening Date: July 09, 2018 by 4:00 PM”

### **Now read as:**

‘Last Date of submission: July 20, 2018 by 3:00 PM’

“Bid Opening Date: July 23, 2018 by 4:00 PM”.

Other Terms & Conditions will remain same.

\*\*\*

**INDIAN INSTITUTE OF TECHNOLOGY JODHPUR**  
**NH-62, Nagaur Road, Karwar, Jodhpur-342037**  
**Email: sps@iitj.ac.in, Tel: 0291-280-1101**

**Corrigendum 2**  
**Date: June 29, 2018**

**E-PROCUREMENT OF SUPPLY & INSTALLATION OF Virtual Desktop Infrastructure Solution**  
**NIT No: IITJ/SPS/2018-2019/4 dated 5 June 2018**

<b>Hyper-Converged Infrastructure (HCI)</b>		
<b>SN No.</b>	<b>For</b>	<b>To be read as</b>
Page No. 21, Point No 1	HCI solution should provide freedom to use combination of multiple hardware (both Rack & Blade x86 servers) for future expansion as per the requirements. Multiple clusters should be managed from the same management console.	HCI solution should provide freedom to use additional node for future expansion as per the requirements. Multiple clusters should be managed from the same management console.
Page No. 21, Point No 2	The proposed HCI solution should be 100% software defined	Removed
Page No. 22, Point No 14	The proposed solution must have capability to support all industry drives available ( SSD & SAS/SATA)	The proposed solution must have the ability to support all the available industry drives.
Page No. 22, Point No 10	HCI solution should provide encryption protects unauthorized data access.	HCI solution must provide encryption to protect unauthorized data access.
Page No. 22, Point No 16	HCI solution should support enforcing security for virtual machines at the Ethernet layer. Disallow promiscuous mode, sniffing of network traffic, MAC address changes, and forged source MAC transmits.	HCI solution should support enforcing security for virtual machines. It should disallow promiscuous mode, sniffing of network traffic, and MAC address changes.
Page No. 22, Point No 19	HCI should have inbuilt Distributed Switch to centralize network provisioning, administration and monitoring using data centre-wide network aggregation, should provide Network QoS to define priority	HCI should have inbuilt Distributed Switch to centralize network provisioning, administration and monitoring using data center-wide network aggregation should provide <b>Network Quality of Service</b> to define priority access to network

	access to network resources.	resources.
Page No. 22, Point No 24	The solution should be leader in latest HCI Gartner Magic Quadrant list. Underlying servers should be leader in latest Magic Quadrant Server Modular list.	The HCI OEM should be leader in latest HCI Gartner Magic Quadrant list. Underlying server OEM should be leader in latest Magic Quadrant Server Modular list.
<b>Desktop Virtualization Specification</b>		
<b>SN No.</b>	<b>For</b>	<b>To be read as</b>
Page No.23 Point No. 1	The proposed VDI solution (Citrix / VM Ware) shall be scalable to support up to 10000 concurrent user connections. Solution should be sized to  (i) have 300 registered machines at any point of time.  (ii) store user profile data of 500 users  (iii) have 200 registered machines up and running at any point of time.	The proposed VDI solution shall be scalable to support up to 10000 concurrent user connections. Solution should be sized to  (i) have 300 registered machines at any point of time.  (ii) store user profile data of 500 users  (iii) have 200 registered machines up and running at any point of time.
Page No.25 Point No. 7 (ii)	The reference customers should be live for more than 1 year.	The equipment available with the reference customers should be live for more than 1 year.
Page No. 24	<b>New Point is added (Monitoring)</b>	The solution should provide historical reports related to resource utilization of the environment with a minimum lookback of 30 days
Page No. 25	<b>New Point no. 8 is added (Other Requirements)</b>	The VDI OEM should be leader in latest IDC/Gartner Magic Quadrant list of VDI.
Page No. 25		The VDI solution should be deployed by OEM Engineer only.
<b>Thin Client</b>		
<b>SN No.</b>	<b>For</b>	<b>To be read as</b>
Page No. 25,	Thin client should support Dual core	Thin client should support minimum Quad

Point No 1	processor with at least 2.0 GHz with 4GB RAM	Core processor with at least 1.4 GHz with 4 GB RAM and 8 GB of SSD or Flash disk.
Page No. 25, Point No 11	Thin client to support Windows and Linux embedded OS	Thin client to support Linux embedded OS.

# INDIAN INSTITUTE OF TECHNOLOGY JODHPUR

NH-65, Nagaur Road, Jodhpur-342037, Karwad

## Corrigendum 1

Date: June 29, 2018

SUPPLY and INSTALLATION OF VIRTUAL DESKTOP INFRASTRUCTURE SOLUTION

NIT No.: IITJ/SPS/2018-2019/4 dated 05-06-2018

“Last Date of submission: June 29, 2018 by 3:00 PM”

“Bid Opening Date: July 02, 2018 by 4:00 PM”

### Now read as:

‘Last Date of submission: July 06, 2018 by 3:00 PM’

“Bid Opening Date: July 09, 2018 by 4:00 PM”.

Other Terms & Conditions will remain same.

\*\*\*



॥ त्वं ज्ञानमयो विज्ञानमयोऽसि ॥

**Indian Institute of Technology Jodhpur**

**E-PROCUREMENT OF SUPPLY & INSTALLATION OF  
VIRTUAL DESKTOP INFRASTRUCTURE SOLUTION**

**Bids to be submitted online  
For  
(Technical and Financial bid as per schedule of requirement)**

**NIT No: IITJ/SPS/2018-2019/4 dated 5 June 2018**

**Office of Stores & Purchase  
IIT Jodhpur, Institute Building (East),  
NH-65, Nagaur Road, Karwar,  
Jodhpur-342037, Rajasthan  
Phone: 0291 2801 101, Email: [sps@iitj.ac.in](mailto:sps@iitj.ac.in)**

### SCHEDULE

Name of Organization	Indian Institute of Technology Jodhpur
Open Tender Notice No. (NIT)	<b>IITJ/SPS/2018-2019/4</b> dated 05 June 2018
Tender Type (Open/Limited/EOI/Auction/Single)	Open
Tender Category (Services/Goods)	Goods
Type/Form of Contract (Supply/ Auction/ Service/ Buy/ Empanelment/ Sell)	Service
Is Multi Currency Allowed	No (INR)
Date of Issue/Publishing	05/06/18 (18:55 Hrs)
Document Download/Sale Start Date	05/06/18 (18:55 Hrs)
Document Download/Sale End Date	29/06/18 (15:00 Hrs)
Date for Pre-Bid Conference	18/06/18 (11:00 Hrs)
Venue of Pre-Bid Conference	Meeting Room, Ground Floor, Institute Building (East), IIT Jodhpur
Last Date and Time for Uploading of Bids	29/06/18 (15:00 Hrs)
Date and Time of Opening of Technical Bids	02/07/18 (16:00 Hrs)
Tender Fee	<b>Rs.1,000/- (For Tender Fee)</b> <b>Rs.3,50,000/- (For EMD)</b>
No. of Covers (1/2/3/4)	02
Bid Validity days (180/120/90/60/30)	180 days (From last date of opening of tender)
Address for Communication	Office of Stores & Purchase, Institute Building (East), IIT Jodhpur, NH-65, Nagaur Road, Karwad, Jodhpur-342037
Contact No.	0291-2801 101
Email Address for Correspondence	<a href="mailto:sps@iitj.ac.in">sps@iitj.ac.in</a>



Indian Institute of Technology Jodhpur invites online Bids for supply of “**Virtual Desktop Infrastructure Solution**” as per specifications given in the **Annexure-I** to the Tender form. All offers should be made in English and should be written in both figures and words. Tender forms can be downloaded from the CPP Portal(<http://eprocure.gov.in/eprocure/app>) & Institute website <http://www.iitj.ac.in/tenders/index.php?id=equipment>. The bidders are requested to read the tender document carefully and ensure compliance with all specifications/instructions herein. Non-compliance with specifications/instructions in this document may disqualify the bidders from the tender exercise. The Director, IIT Jodhpur reserves the right to select the item (in single or multiple units) or to reject any quotation wholly or partly without assigning any reason. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.

**1. Pre-qualification criteria for intending bidders:**

- 1.1. Only manufacturer(s) or their sole authorized distributor / agent are eligible to bid. Authorization letter in the prescribed format (**Annexure – II**) from Original Equipment Manufacturer (OEM) in favour of authorized Agent to bid / negotiate / conclude the order against this tender, must be enclosed with technical bid.
- 1.2. The OEM should have adequate documented experience in setting up Minimum two installations of VDI/Virtualization supporting at least 150 simultaneous users in India. If desired so, bidder should arrange the visit to such installations by IIT Jodhpur representatives. Copy of Purchase order must be attached with technical bid.
- 1.3. The bidder should be in a position to deliver complete end-to-end solution. Proposal has to clearly reflect the competence and capability of the bidder in meeting this requirement.
- 1.4. The tenderer shall be required to submit the Earnest Money Deposit (EMD) for an amount of Rs 3,50,000 (Three Lac Fifty Thousand Only) which is refundable and a non-refundable tender fee for an amount of Rs. 1,000/- (Rupees One Thousand only) by way of demand drafts only. The demand drafts shall be drawn in favour of “Director, IIT Jodhpur” payable at Jodhpur. The demand drafts for Earnest Money Deposit & tender fee must be enclosed in the envelope containing the technical bid.
- 1.5. Financial statements with net profit, duly audited / certified by Chartered Accountant (CA) of the last three financial years along with the copies of Income Tax Return (ITR) must be enclosed with the technical bid.
- 1.6. Signed & stamped compliance sheet of the technical specification of the goods with technical printed literature along with Bill of Material (BoM) mentioning all the terms & conditions clearly, must be enclosed with the technical bid (**Annexure-IX**).
- 1.7. The tenderer should not have been debarred or blacklisted by any Central / State Government Departments of India. An affidavit to that effect on Non-Judicial stamp paper of Rs.100/- duly notarized must be enclosed with the technical bid in prescribed format. The proforma of the affidavit is attached with the tender as **Annexure – VI**.

- 1.8. Signed & stamped guarantee / warranty declaration certificate must be enclosed with the technical bid in prescribed format as attached as **Annexure –VII.**
- 1.9. **T**he tenderer viz. the Indian Agents and / or the foreign firms should furnish a certificate that the rates quoted by the tenderer are not more than those quoted to any other Institution in India or aboard during the last one year, with supporting documents.
- 1.10. Service Level Agreement to be signed by OEM and bidder, with official seal/letter head **Annexure-B.**
- 1.11. **The tenderer shall submit the copy of the tender document and addenda thereto, if any, with each page should be signed and stamped to confirm the acceptance of the entire term & conditions of the tender.**

## **2. Instructions for Online Bid Submission :**

- 2.1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender publishing on the CPP Portal.
- 2.2. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2.3. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents – including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 2.4. The tenders will be received online through portal <http://eprocure.gov.in/eprocure/app>. In the Technical Bids, the bidders are required to upload all the documents in .pdf format. All quotation both Technical and Financial should be submitted in the E-procurement portal.
- 2.5. Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through <http://eprocure.gov.in/eprocure/app>. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site <https://eprocure.gov.in/eprocure/app> under the link “Information about DSC”.
- 2.6. The Institute will not be responsible for any type of technical issue regarding uploading of Tender on website.

## **3. SEARCHING FOR TENDER DOCUMENTS**

- 3.1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID,

organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.

- 3.2. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3.3. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

#### **4. PREPARATION OF BIDS**

- 4.1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 4.2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 4.3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS formats. Bid documents may be scanned with 100 dpi with black and white option.
- 4.4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

#### **5. SUBMISSION OF BIDS**

- 5.1. Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 5.2. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 5.3. Financial Bids can be submitted in PDF format (As per BOQ).
- 5.4. The bidder may add rows to include the prices of all components & warranties, installation etc. whichever applicable.

- 5.5. The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 5.6. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 5.7. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 5.8. Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

## 6. ASSISTANCE TO BIDDERS

- 6.1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 6.2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 0120-4200462, 0120-4001002, 0120-4001005, 0120-6277787.

## 7. INVITATION FOR TENDER OFFERS (VIRTUAL DESKTOP INFRASTRUCTURE SOLUTION AS PER PRICE SCHEDULE)

The BIDDERS are requested to give detailed tender in two Bids i.e.

- a. Part - I: Technical Bid.
- b. Part - II: Commercial Bid.

### Technical Bid:

- 7.1. The online envelope clearly marked as "**Technical Bid-Envelope No.1**" shall contain the all scanned copies of originals documents in PDF Format:

<b>Envelope – 1</b>			
(Following documents to be provided as single PDF file)			
S. No.	Documents	Content	File Types
1.	Technical Bid	Technical Compliance Sheet as per <b>Annexure - I</b>	.PDF
2.		Manufacturer's Authorization Letter as per <b>Annexure-II</b>	.PDF
3.		Bank Guarantee Form for Performance Security as per <b>Annexure-III</b>	.PDF
4.		Declaration Sheet as per <b>Annexure – IV</b>	.PDF
5.		List of Govt. Organization/ Deptt. As per <b>Annexure-V</b>	.PDF
6.		Non Blacklisting of Supplier on Non-Judicial Stamp paper as per <b>Annexure-VI</b>	.PDF

7.		Certificate of Guarantee/Warranty as per <b>Annexure-VII</b>	.PDF
8.		Mandate Form for Electronic Fund Transfer / RTGS Transfer as per <b>Annexure-VIII</b>	.PDF
9.		Compliance Sheet as per <b>Annexure-IX</b>	.PDF
10.		GST Certificate	.PDF
11.		Reference Purchase Order copy (Clause-24)	.PDF
12.		Technical literature/ leaflets and complete specifications of quoted model(s) along with commercial terms and conditions.	.PDF
13.		Scanned copy of Tender Fee & EMD and it is required to submit the same in original in a sealed envelope at the following address on or before closing date: Assistant Registrar (stores & Purchase), Office of Stores & Purchase, Institute Building (East), NH-65, Nagaur Road, Karwad, Jodhpur-342037, Rajasthan, Phone: 0291 2801 101, Email: <a href="mailto:sps@iitj.ac.in">sps@iitj.ac.in</a> / In case of exemption from submission of Bid security, proof of registration with NSIC.	.PDF
<b>Envelope – 2</b>			
<b>Sl. No.</b>	<b>TYPES</b>	<b>Content</b>	
1.	Financial Bid	Price bid should be submitted in BoQ format.	.XLS

**Bid documents should be submitted as per the above sequence with Index page and page numbers (including technical literature). Each page of the bid should be signed & stamped in original. Unsigned bids will not be considered for evaluation.**

## **7.2. TENDER FEE & EARNEST MONEY DEPOSIT DETAILS**

- 7.2.1. **Tender Fee of Rs. 1000/- (Rs. One Thousand only)** in the form of Demand Draft from Nationalized/scheduled bank in favour of The Director, IIT Jodhpur.
- 7.2.2. **EMD of Rs.3,50,000/- (Rs Three lakh fifty thousand only)** in the form of Demand Draft of a scheduled bank in the name of Director, IIT Jodhpur valid for **180 days** from the date of opening of the tender. The firm registered with DGS&D/NSIC as manufacturer for the supply of the same category of item for which the party is submitting quotation will be exempted from submission of EMD. Intended parties will have to give proof of registration along with their quotation. EMD of the unsuccessful bidders shall be refunded without any interest at the earliest after finalization of the purchase of concerned item.

- i. The EMD will be returned to the BIDDERS(s) whose offer is not accepted by IIT Jodhpur within one month from the date of the placing of the final order(s) on the selected BIDDER(s). In case of the BIDDER(s) whose offer is accepted the EMD will be returned on submission of Bank Guarantee as Security Deposit (SD). However, if the return of EMD is delayed for any reason, no interest / penalty shall be payable to the BIDDERS.
- ii. The successful BIDDER, on award of contract / order, must send the contract / order acceptance in writing, within 15 days of award of contract / order failing which the EMD will be forfeited.
- iii. The EMD shall be forfeited: In case a successful BIDDER fails to furnish the Security Deposit.
- iv. ***The firm(s) who are registered with the National Small Industries Corporation (NSIC) / or Small Scale Industries (SSI) for the subjected goods are exempted to furnishing the EMD and tender fee. Self-attested scan copy of the valid registration certificate must be uploaded with the technical bid.***

7.3. The technical offer **should not contain any price information.**

7.4. **SPECIFICATIONS:**

Specifications are basic essence of the product. It must be ensured that the offers must be strictly as per our specifications. The Bid which is not as per our tender enquiry will be treated as non-qualified. Institute has the sole discretion to accept or reject tenders based on technical specifications.

7.5. **Envelope 2 : “Commercial Bid” shall contain:**

- i. Cost of all the items should be mentioned clearly and individually in the Commercial Offer (Part-II) only.
- ii. The prices should be shown against each item for the purpose of Insurance claims / replacements if any.
- iii. List of deliverables / Bill of materials and services.

**Note:**

- (i) No request for extension of due date will be considered under any circumstances.
- (ii) No sub-contracting is allowed with regard to installation, commissioning, warranty maintenance and after sales service. This is the sole responsibility of the Principals'/their authorized agents
- (iii) Please do not insert ‘Commercial Bid’ (prices quoted) in the technical bid envelope. If the price quoted is submitted with technical bid the tender will be rejected.

7.6. IIT Jodhpur may issue corrigendum to tender documents before due date of Submission of bid. The bidder is required to read the tender documents in conjunction with the corrigendum, if any, issued by IIT Jodhpur. The bidder is not supposed to incorporate the amendment in the body of the tender document

7.7. **Terms of the Technical Committee**

- 7.7.1. On the due date the Technical bids will be opened and referred to the Technical Committee which is duly constituted by the Director, IIT Jodhpur. The committee will go through the technical aspects of the tender and recommend short listed firms. The recommendation of the technical committee is the final and binding on all the parties. The Technical committee may visit the manufacturing site to assess the capabilities to manufacture the tendered items as per the specifications.
- 7.7.2. The technical evaluation will be an assessment of the Technical Bid. IIT Jodhpur representatives will proceed through a detailed evaluation of the Technical Bids as defined in Schedule of requirements, specifications and allied technical details, in order to determine whether they are substantially responsive to the requirements set forth in the tender. In order to reach such a determination, IIT Jodhpur will examine the information supplied by the BIDDERS, and shall evaluate the same as per the specifications mentioned in this tender.
- 7.7.3. The technical committee may formulate evaluation criteria in addition to the specifications and requirements indicated in the tender, in the interest of IIT Jodhpur and this criteria/recommendation will also form as a part of short-listing of the firms.
- 7.7.4. The Technical Committee will examine all the Technical aspects of the bids received. Further, the Technical Committee may seek additional information from the existing users at IIT Jodhpur or from other Institutes and also call for Technical presentations from the BIDDERS if it is required so.
- 7.7.5. The information received and the bids already submitted together will be examined with reference to the tendered specifications and evaluation is made by the Technical Committee.
- 7.7.6. After the technical evaluation is completed and approved, IIT Jodhpur shall inform to the BIDDERS whose bids have been rejected technically with the reasons for rejection on e-Procurement Portal (<https://eprocure.gov.in/eprocure/app>).
- 7.7.7. The successful BIDDERS will be informed regarding the date and time of Commercial bid opening.
- 7.7.8. The purpose of obtaining two bids (technical and commercial) is to evaluate all the firms on technical basis with reference to the tendered specifications, performance of similar Solutions/Applications elsewhere, obtaining users views with reference to the earlier supplies. This will enable the technical committee to arrive at a fair recommendation in the interest of the organization.
- 7.7.9. In the event of seeking any clarification from various BIDDERS by IIT Jodhpur, the BIDDERS are required to furnish only technical clarifications that are asked for. No amendment to commercial bid will be entertained at that stage. In case if a BIDDER fails to quote for a particular item it amounts to non-compliance and hence such bid will not be considered for further evaluation. Further during this process if any BIDDER indicates the price during the clarification such bids also will not be considered for further evaluation.

## 7.8. EVALUATION CRITERIA

The evaluation criteria will consist of two stage scrutiny as given below:

1. Evaluation of Technical bid as per eligibility criteria.
2. Approval of sample based on quality of materials used, comfort level, ergonomic design, aesthetics and finish of the final product.

## 7.9. TECHNICAL BID EVALUATION:

7.9.1. Even though any bidder may satisfy the above requirements, he/she would be liable to disqualification if he/she has:

- (i) Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the eligibility criteria document.
- (ii) Record of poor performance such as abandoning work, not properly completing the contract, or financial failures/weaknesses etc.

## 7.10. BID EVALUATION:

Based on results of the Technical evaluation IIT Jodhpur evaluates the Commercial Bid of those Bidders who qualify in the Technical evaluation.

- a) IIT Jodhpur shall correct arithmetical errors on the following basis:
  - (i) If there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected.
  - (ii) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
  - (iii) If there is a discrepancy between words & figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above.
- b) The Vague terms like “packing, forwarding, transportation.....etc. extra” without mentioning the specific amount/percentage of these charges will not be accepted. **Such offers shall be treated as incomplete and rejected.**
- c) After arriving at final pricing of individual offers of all the short listed firms, the lowest firm will be awarded with Contract/Purchase Order.

7.11. The Director, IIT Jodhpur reserves the right to accept the offer in full or in parts or reject summarily or partly.



## 8. INSTRUCTION FOR PREPARATION & SUBMISSION OF BIDS:

- 8.1. Technical Bid should be submitted in PDF format and Financial Bid should be submitted in BOQ Format.
- 8.2. **In case of Financial bids**, a standard BoQ format has been provided. Bidders are required to download the BoQ file and fill their financial offer on the same BoQ format. After filling the same, submit it online in BoQ format. If the BoQ format file is found to incomplete/confusing, the bid will be rejected.
- 8.3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF formats. Bid documents may be scanned with 100 dpi with black and white option.
- 8.4. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 8.5. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8.6. **Kindly add scanned PDF of all relevant documents in a single PDF file like, compliance sheet, OEM/Principle Certificate etc.**
- 8.7. Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 8.8. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 8.9. The technical and financial bids should be submitted online through portal <http://eprocure.gov.in/eprocure/app> in original. The financial bid should include the cost of main equipment/item and its accessories. If there is any separate cost for installation etc. that should be quoted separately.
- 8.10. Each bidder should be marked with the following reference on the top bids submitted online: "IITJ/SPS/2018-2019/4 dated 05 June 2018".
- 8.11. The printed literature and catalogue/brochure giving full technical details should be included with the technical bid to verify the specifications quoted in the tender. The bidders should submit copies of suitable documents in support of their reputation, credentials and past performance in .pdf format.
- 8.12. The rates should be quoted in figures.
- 8.13. **Tender Cost:** The bidder should submit a Tender Fee of **Rs. 1,000/- (Rupees Five Hundred only)** through NEFT/RTGS (Schedule). The Technical Bid without Tender Fee would be considered as unresponsive and will not be accepted. In the absence of tender cost, the tender will not be accepted.

- 8.14. Earnest Money Deposit (EMD):** The tenderer should submit an EMD amount through RTGS/ NEFT (Schedule). The Technical Bid without EMD would be considered as unresponsive and will not be accepted. The EMD will be refunded without any interest to the unsuccessful bidders after the award of contract.
- 8.15.** The EMD shall be forfeited: If the BIDDER withdraws the bid during the period of bid validity specified in the tender. In case a successful BIDDER fails to furnish the Security Deposit.
- 8.16. Amendment of Bidding Documents:** At any time prior to the deadline for submission of bids, IIT JODHPUR may, for any reason, whether on its own initiative or in response to the clarification request by a prospective BIDDER may modify the bid document. All prospective BIDDERS who have downloaded the bidding document may visit IIT JODHPUR website [/https://eprocure.gov.in/eprocure/app](https://eprocure.gov.in/eprocure/app) for amendments /modifications which will be binding on them.

## **9. AWARD OF CONTRACT**

### **Award Criteria**

- 9.1.** IIT JODHPUR shall award the contract to the technically qualified eligible BIDDER whose bid has been determined as the lowest evaluated commercial bid and approval of the sample by IIT Jodhpur.
- 9.2.** If more than one BIDDER happens to quote the same lowest price and sample of both bidders are technically approved, IIT JODHPUR reserves the right to award the contract to more than one BIDDER or any BIDDER.

## **10. PURCHASER'S RIGHT TO VARY QUANTITIES AT THE TIME OF AWARD**

- 10.1.** IIT JODHPUR reserves the right at the time of award of Contract to increase or decrease the quantity of items specified in the Schedule of Requirements without any change in price or other terms and conditions.
- 10.2.** Firms which have already supplied similar items to IIT JODHPUR and have not completed required installation/after sales service/ warranty replacements etc. such firms offers will not be considered for further evaluation and no enquiries thereafter will be entertained.

## **11. CORRUPT OR FRAUDULENT PRACTICES**

IIT JODHPUR requires that the BIDDERS who wish to bid for this project have highest standards of ethics.

- 11.1.** IIT JODHPUR will reject a bid if it determines that the BIDDER recommended for award has engaged in corrupt or fraudulent practices while competing for this contract.
- 11.2.** IIT JODHPUR may declare a vendor ineligible, either indefinitely or for a stated duration, to be awarded a contract if it at any time determines that the vendor has engaged in corrupt and fraudulent practices during the execution of contract

12. In case of poor workmanship or if the work / supply is not done in time and in view of exigency of the work/supply, if it is considered necessary to carry out the work / supply by some other means or to assign the work/supply to some other parties due to the failure on the part of the seller, 10 days time will be given to the seller to correct or complete the work / supply failing which the work / supply can be got done by other means at the cost & risks of the seller by allotting a tender at the risk and cost of the defaulting tenderer. The difference in the cost shall be recovered from the original tenderer cost.
13. **INSPECTION OF ITEMS:** During the time of manufacturing, IIT Jodhpur inspection team may visit the manufacturer's site to inspect the quality of material viz a viz final product. If any inspected or tested goods fail to conform to the prescribed specifications, the IIT Jodhpur may reject them and the supplier shall either replace the goods or make all alterations necessary to meet specifications free of cost.
14. **INTERPRETATION OF THE CLAUSES IN THE TENDER DOCUMENT / CONTRACT DOCUMENT:** In case of any ambiguity / dispute in the interpretation of any of the clauses in this Tender Document, **Director, IIT JODHPUR's interpretation of the clauses shall be final and binding on all parties.**
15. **CONDITIONS OF CONTRACT**
- 15.1. **Prices:** The price quoted shall be considered firm and no price escalation will be permitted. The price criteria should be on F.O.R., IIT JODHPUR. Govt. Levies, if any, shall be paid at actual rates applicable on the date of delivery. Rates should be quoted accordingly giving the basic price, GST, if any. The actual GST if any, should be specified. Please provide GST No. allotted by the concerned authorities in your quotation.
- 15.2. **Delivery Schedule**  
Items to be supplied **within 60 Days** after placement of purchase order.
- 15.3. **Security Deposit**  
The BUYER will forfeit the 10% security deposit if BIDDER fails to execute the order as per the Purchase Order.
- 15.4. **Performance Bank Guarantee:**  
After the award of work, the supplier shall be required to submit the performance security in the form of irrevocable bank guarantee in the prescribed format (**Annexure-III**) issued by any Nationalised/ Scheduled Bank / or Fixed Deposit Receipt, for an amount equal to the 10% of order value, within 60 days of issue of Purchase Order and **it will be kept valid for a period of 60 days beyond the date of completion of warranty period. Warranty Period will be commenced from the date of the installation of the supplied item. Hence, be careful at the time of calculation of the validity date of Performance Bank Guarantee.**
- 15.5. **Performance Benchmarks**  
The technical evaluation committee needs to be provided with an evaluation system to carry out performance benchmarks.
- 15.6. **Payment Terms:**

Payment will be made to the supplier through following modes.

- 15.6.1. Indigenous goods: NEFT/Cheque/Demand Draft: 80% payment will be made within 30 days from the date of successful installation and testing at IIT Jodhpur and balance 20% after submission of performance bank guarantee valid for warranty period + 2 months.
- 15.6.2. Imported Goods: Letter of credit 80% payment will be made through only LC and balance 20% after successful installation and testing at IIT Jodhpur and submission of performance bank guarantee for 10% of order value, either by the principal company or by their Indian agent valid for warranty period + 2 months. Bank charges occurred outside India will be borne by the beneficiary.

#### **15.7. Delivery & Installation:**

- 15.7.1. All the goods ordered shall be delivered and installed at Permanent Campus of the Institute, Karwad (NH-62), Nagaur Road, Jodhpur-342037, within **60 Days** from the date of issue of the purchase order/ date of opening of Letter of Credit. All the aspects of safe delivery and commissioning shall be the exclusive responsibility of the supplier. If the supplier fails to deliver and commissioning of the goods on or before the stipulated date, then a penalty at the rate of 1% per week of the total order value shall be levied subject to maximum of 10% of the total order value. The delivery must be completed within this specified period. The Purchase Order/Supply Order/ Import Order is liable to be cancelled, if no extension for delivery period is sought before the expiry of delivery period or suitable penalty will be impounded. Delivery should be done after intimation by the Institute.
- 15.7.2. **Extension of Delivery & Installation Period:** If the supplier would unable to complete the project / order within the stipulated time, for which the supplier is responsible, it is required to request for the extension of the delivery period, it may be extended with justified reasons. In case the supplier would fail to complete the order within the stipulated time, Institute reserves the right to cancel the contract / order and performance security / EMD may be forfeited.

#### **15.8. Penalty for delayed Services / LD:**

As time is the essence of the contract, Delivery period mentioned in the Purchase Order should be strictly adhered to. Otherwise, the IIT JODHPUR will forfeit EMD/SD and also LD clause will be applicable /enforced.

If the supplier fails to Supply and install the Virtual Desktop Infrastructure Solution as per specifications mentioned in the order within the due date, the Supplier is liable to pay liquidated damages of 1% of order value per every week of delay subject to a maximum of 10% beyond the due date. Such money will be deducted from any amount due or which may become due to the supplier.

IIT JODHPUR reserves the right to cancel the order in case the delay is more than 10 weeks. Penalties, if any, will be deducted from the Security Deposit.

**15.9. Satisfactory Installation:** Satisfactory installation / commissioning and handing over of the equipment mean the faultless functioning of the equipment for a minimum period of 30 days after satisfactory installation.

**15.10. Acceptance test for System Performance:** Upto 14 days non-stop acceptance test has to be run on the delivered system with all the thin clients simultaneously running GUI applications and/or video streaming. There should be no perceivable lag when working on the thin clients, even when running graphics heavy applications (such as web browsing, video playing, MATLAB, etc.) simultaneously by 150 users on a 10Gb/s backbone and 1Gb/s end-user connectivity. When all users simultaneously invoke any application, such as C compiler or MATLAB program, etc. the response time at the user end must not exceed that of a stand-alone machine by more than 5%.

**15.11. Training of Personnel:**

The supplier shall provide the technical training to the personnel involved in the use of the equipment at the Institute premises, immediately after completing the installation of the equipment at the company cost.

**15.12. Site Preparation:**

The supplier shall inform to the Institute about the site preparation, if any, needed for the installation of equipment, immediately after the receipt of the purchase order. The supplier must provide complete details regarding space and all the other infrastructural requirements needed for the equipment, which the Institute should arrange before the arrival of the equipment to ensure its timely installation and smooth operation thereafter.

The supplier shall visit the Institute and see the site whether the equipment is to be installed and may offer his advice and render assistance to the Institute in the preparation of the site and other pre-installation requirements.

**15.13. Merger / Acquisition of Foreign Principal:**

In case of merger of Foreign Principal with another Firm or acquisition of Foreign Principal by another firm, it shall be obligatory for the New Entity so formed after the merger of the Acquiring Firm, as the case may be, to take over all the duties and obligations / liabilities of the Foreign Principal and the New Entity / Acquiring Firm would *ipso facto* become liable for all acts of commission or omission on the part of original Foreign Principal as well as Indian Agent.

**15.14. Change of Indian Agent:**

In case the Foreign Principal changes in Indian Agent then it shall be obligatory for Foreign Principal to automatically transfers all the duties and obligations to the New Indian Agent, failing which the Foreign Principal would *ipso facto* become liable for all acts of commission or omission on the part of New Indian Agent.

**15.15. Service Manual/Circuit Diagram**

It is specifically required that the bidders will supply all the operating & service manuals

and circuit diagrams along with the equipment.

**15.16. Warranty/ Support:**

**Five year warranty** has to be provided by the firm from the date of the satisfactory installation / commissioning of equipment against the defect of any manufacturing, workmanship and poor quality of components. In case, there is any variation in the warranty as per the specification of the item equipment, the warranty as specified in the specifications shall be final.

In case, supplier fails to repair / or rectify the equipment during the warranty / guarantee period, Institute may employ or pay other person/company for repairing the equipment, and all such damages, loss and expenses shall be recovered from the supplier. **Annual Maintenance Contract charges for 3 years after the expiry of warranty period should be quoted.**

**15.17. Country of origin:**

Country of origin of the quoted item should be mentioned in the offer in case of imported item.

**15.18. Indemnity:** The vendor shall indemnify, protect and save IIT JODHPUR against all claims, losses, costs, damages, expenses, action suits and other proceeding, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc. or such other statutory infringements in respect of all the materials supplied by him.

**15.19. Insurance:** The Virtual Desktop Infrastructure Solution to be supplied will be insured by the vendor against all risks of loss or damage from the date of shipment till such time it is delivered at IIT JODHPUR site.

**15.20. Service Facility:** Bidder should mention about the service set up in India and how capable they are to provide after sales services.

**15.21. Banker's details:** Name and address of the banker of your company should be mentioned (**Annexure-VIII**).

**15.22. Reference of supply:**

Name and contact details of the premier educational Institutes (IITs/ IISER/CSIR/IISC etc.) where the quoted equipment has been installed in India should be enclosed. Copies of at least two purchase orders may be attached. IIT Jodhpur reserves the right to inspect the equipment for its actual performance in any of the listed Institute.

**15.23. Undertaking from the Bidders:**

An undertaking will be submitted by the Bidder/firm/company/vendor that in the past they have never been banned/debarred for doing business dealings with Ministry of Defence/Govt. of India/ any other Govt. organisation and that there is no enquiry going on by CBI/ED/any other Govt. agency against them.

**15.24. Repeat Order Clause:**

The Contract will have a Repeat Order Clause, wherein the Buyer can order up to 50% quantity of the original contracted quantity (rounded up to the next whole number) under the Contract within six months from the date of completion of supply under the original Contract/ PO. The Repeat Order will have rates on not exceeding basis while the terms and conditions will remain unchanged. It will be entirely the discretion of the Buyer to exercise the Repeat order or not.

**15.25. Acceptance of Terms & Conditions:**

Bidders must confirm the acceptance of all the terms and conditions of this NIQ. Any non-acceptance or deviations from the terms and conditions must be clearly mentioned. However, tenderers must note carefully that any conditional offer or any deviation from the terms and conditions of this NIQ may render the quotation liable for rejection. IITJ does not bind itself to accept the lowest of any tender and reserves the right to reject any or all tenders without assigning any reason.

Note: The Director, IIT Jodhpur reserves the right to accept/reject any or all tenders without assigning any reasons thereof and also to reject.

**15.26. Arbitration and Laws:**

In case of any dispute or difference arising out of or in connection with the tender conditions / order and Contract, the Institute and the Supplier will address the dispute / difference for a mutual resolution and failing which, the matter shall be referred for arbitration to a sole Arbitrator to be appointed by the Institute. The Arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of arbitration shall be at Jodhpur only. The resolution of the Arbitrator shall be final and binding on both the parties.

**15.27. Jurisdiction:**

The courts at Jodhpur alone will have the jurisdiction to try any matter, dispute or reference between parties arising out of this tender / contract. It is specifically agreed that no court outside and other than Jodhpur court shall have jurisdiction in the matter.

### Annexure-A

S. No.	Description of Pre – Qualification Criteria for Bidders	Enclosures attached (Yes/No)
<b>a</b>	Only manufacturer(s) or their sole authorized distributor / agent are eligible to bid. Authorization letter in the prescribed format (Annexure – II) from Original Equipment Manufacturer (OEM) in favour of authorized Agent to bid / negotiate / conclude the order against this tender, must be enclosed with technical bid.	
<b>b</b>	The bidder/OEM should have adequate documented experience in setting up Minimum two installations of VDI/Virtualization, supporting least 150 users, in India. If desired so, bidder should arrange the visit to such installations by IIT Jodhpur representatives. Copy of Purchase order must be attached with technical bid.	
<b>c</b>	The bidder should be in a position to deliver complete end-to-end solution. Proposal has to clearly reflect the competence and capability of the bidder in meeting this requirement.	
<b>d</b>	The tenderer shall be required to submit the Earnest Money Deposit (EMD) for an amount of Rs 3,50,000 /- (Three Lac Fifty Thousand Only) which is refundable and a non-refundable tender fee for an amount of Rs. 1,000/- (Rupees One Thousand only) by way of demand drafts only. The demand drafts shall be drawn in favour of “Director, IIT Jodhpur” payable at Jodhpur. The demand drafts for Earnest Money Deposit & tender fee must be enclosed in the envelope containing the technical bid.	
<b>e</b>	Financial statements with net profit, duly audited / certified by Chartered Accountant (CA) of the last three financial years along with the copies of Income Tax Return (ITR) must be enclosed with the technical bid.	
<b>f</b>	Signed & stamped compliance sheet of the technical specification of the goods with technical printed literature along with Bill of Material (BoM) mentioning all the terms & conditions clearly, must be enclosed with the technical bid.	
<b>g</b>	The tenderer should not have been debarred or blacklisted by any Central / State Government Departments of India. An affidavit to that effect on Non-Judicial stamp paper of Rs.100/- duly notarized must be enclosed with the technical bid in prescribed format. The proforma of	



	the affidavit is attached with the tender as Annexure – VI.	
<b>h</b>	Signed & stamped guarantee / warranty declaration certificate must be enclosed with the technical bid in prescribed format as attached as Annexure – VII.	
<b>i</b>	The tenderer viz. the Indian Agents and / or the foreign firms should furnish a certificate that the rates quoted by the tenderer are not more than those quoted to any other Institution in India or aboard during the last one year, with supporting documents.	
<b>j</b>	The tenderer shall submit the copy of the tender document and addenda thereto, if any, with each page should be signed and stamped to confirm the acceptance of the entire term & conditions of the tender.	

**Service Level Agreement**  
**(To be signed by OEM and bidder, with official seal/letter head)**

1. Upto 14 days non-stop acceptance test has to be run on the delivered system with all the thin clients simultaneously running GUI applications and/or video streaming. There should be no perceivable lag when working on the thin clients, even when running graphics heavy applications (such as web browsing, video playing, MATLAB, etc.) simultaneously by 150 users on a 10Gb/s backbone and 1Gb/s end-user connectivity. When all users simultaneously invoke any application, such as C compiler or MATLAB program, etc. the response time at the user end must not exceed that of a stand-alone machine by more than 5%.
2. In the event of failure/degraded performance of any of the subsystems or components of the proposed solution, the OEM has to ensure that the defects are rectified within three full working days. If there is any failure in the critical component, such as network interface, storage, failure of VDI software, server and power supply, it should be resolved within 48 hours. Any delay beyond the limits given, will incur a penalty of 0.2% of the total cost of this tender per day of delay.
3. The maximum penalty for non-performance will be 5% of the total cost. On reaching this limit in any year, the OEM will be considered in breach of the contract. The penalty will not apply if the delay is caused by IIT Jodhpur.
4. Any update/upgrade of software is to be done by OEM.
5. The solution provider shall ensure that there is no single point of failure for the whole solution. All accessories of hardware and software necessary to ensure this shall be included in the solution.

**Annexure - I**

<b>Total Number of Users</b>	<b>150 Concurrent Users (Windows and Linux)</b> <b>The system should be able to support all 150 windows users or all 150 linux users or any mix of the two.</b>
<b>Cores Per User</b>	<b>4 vCPU; Base frequency of CPU 2.6 GHz or above</b>
<b>RAM Per User</b>	<b>8 GB</b>
<b>Total Storage</b>	<b>15 TB Usable Capacity</b>
<b>Total Number of Thin Clients</b>	<b>100</b>
<b>GPU Users</b>	<b>30 Users</b>
<b>Per User GPU Memory</b>	<b>1 GB</b>

**Technical Specification**

<b>Hyper-Converged Infrastructure</b>		<b>Technical Compliance (Yes/No)</b>
<b>SN</b>	<b>Description</b>	
1	HCI solution should provide freedom to use combination of multiple hardware (both Rack & Blade x86 servers) for future expansion as per the requirements. Multiple clusters should be managed from the same management console.	
2	The proposed HCI solution should be 100% software defined	
3	The proposed solution should run on industry standard x86 servers and it should leverage Virtual Storage Appliance to have truly Software defined Storage or better technology.	
4	HCI solution should support non-disruptive Scale-Up (Upgrade by inserting additional drives in existing empty drive-slots & increasing the RAM) whenever required without any additional licensing cost and Scale-Out (Upgrade by adding nodes) upgrades to grow capacity and/or performance.	
5	HCI solution should support for increasing capacity by adding CPU, Memory or any other devices to virtual machines on an as needed basis without any disruption in working VMs running windows and Linux operating system.	
6	HCI solution should provide live Virtual Machine migration between different generations of CPUs in the same cluster. Also live migrate VM without any VM downtime.	
7	The proposed solution must have capability to support nodes with same/different CPU & Memory configurations in the same cluster, The proposed solution should support either hybrid or all flash nodes in same cluster for future scalability	
8	HCI solution should provide a single unified management console for the management of the entire environment including the virtualized environment as well as software defined storage environment to simplify the manageability of the entire solution.	
9	HCI solution should provide solution to automate and simplify the task of managing hypervisor installation, configuration and upgrade on multiple physical	

	servers.	
10	HCI solution should provide encryption protects unauthorized data access.	
11	Proposed HCI solution should support fault tolerance.	
12	Proposed HCI solution should support GPUs, as required.	
13	Required Hypervisor License would be included into the solution	
14	The proposed solution must have capability to support all industry drives available ( SSD & SAS/SATA)	
15	HCI solution should include bare metal hypervisor with functionality of High Availability, hot Add (CPU, Memory, Storage& Network).	
16	HCI solution should support enforcing security for virtual machines at the Ethernet layer. Disallow promiscuous mode, sniffing of network traffic, MAC address changes, and forged source MAC transmits.	
17	HCI solution should provide enhanced visibility into storage throughput and latency of hosts and virtual machines that can help in troubleshooting storage performance issues.	
18	HCI solution should support Raid5/ Raid6 across disks and nodes.	
19	HCI should have inbuilt Distributed Switch to centralize network provisioning, administration and monitoring using data centre-wide network aggregation, should provide Network QoS to define priority access to network resources.	
20	HCI solution should be designed only using Hot Swap SSD's in both cache and capacity tiers i.e All Flash architecture.	
21	All the software components should have unlimited incident support with L1, L2, L3 level technical support (Email, Phone & Web) directly from the original OEM. The support should be available 24x7x365 with unlimited updates and upgrades during the complete tenure of the project without any additional cost during the tenure of the complete project.	
22	The solution shall be provided with complete capacity license for deduplication, compression, for entire capacity.	
23	The OEM shall provide onsite warranty of 5 years on hardware. The OEM shall provide performance warranty for 5 years on VDI. Any issue related to compromised user experience on the thin clients must be resolved by the OEM.	
24	The solution should be leader in latest HCI Gartner Magic Quadrant list. Underlying servers should be leader in latest Magic Quadrant Server Modular list.	

Desktop Virtualization Specification			Technical Compliance (Yes/No)
SN	Component	Description	
1	Desktop and Application Virtualization	The proposed VDI solution (Citrix / VM Ware) shall be scalable to support up to 10000 concurrent user connections. Solution should be sized to (i) have 300 registered machines at any point of time. (ii) store user profile data of 500 users (iii) have 200 registered machines up and running at any point of time.	
		"The solution should provide Unified client for consistently great experience across devices and locations for: -Optimized access across the WAN and LAN through an HTML browser -High performance multi-media streaming -Rich virtualized graphics -Fully optimized unified communications and real-time audio and video support. -Intuitive and contextual user experience across devices making it easy to run Windows on mobile. -Access to local devices, USB and device peripherals " - VDI solution should support GPU architecture.	
		Support different versions of Linux desktops like Ubuntu, CentOS, RHEL, Suse.	
		Support USB, printer redirection and Audio Out with Linux desktops	
		Support SSO with Linux desktops when added to AD/ LDAP infrastructure integration.	
2	Performance	The virtual application and desktops (VMs) should continue to be responsive even if the CPU utilization reaches 100%	
		The solution should support all browser based and installer based applications on windows and Linux OS for use in the virtual application and virtual desktops.	
		The solution should be able to support mechanisms to optimize network bandwidth utilization.	
		Limit IOPS consumption per VM to better manage performance SLAs for different workloads	
3	Security	This solution should support multi factor authentication.	
		This solution have the ability to restrict access to applications and desktops based on the client IP, client network and client name.	
		The solution should be able encrypt end to end traffic from end user to network to controller/broker	
		The solutions should authenticate users based on their LDAP and active directory credentials	
		The solutions should have the ability to provide access to certain applications without any authentication prompt	

		Solution should provide agentless antivirus and anti-malware for VDI solution	
4	<b>Management</b>	The solution should have a single console for desktop/application virtualization management and user support	
		Connection broker software should allow to deliver virtualized or remote desktops and applications through a single virtual desktop infrastructure (VDI) platform and support end users with access to all of their desktops and applications through a single unified workspace.	
		Desktop virtualization management software should have advanced desktop management capabilities such as automatic suspend and resume which reduces the memory and processing power required to host virtual desktops.	
		IT should have an ability to use centralized smart pooling and auto provisioning capabilities.	
5	<b>User Experience</b>	End Users get flexible access to a virtual desktop that behaves just like their PC desktop in a complete, managed, secure computing environment.	
		End users get flexibility to access their virtual desktop/application on device of their choice. Below are the devices: <ul style="list-style-type: none"> <li>- PC</li> <li>- Thin Client</li> <li>- I-Pad</li> <li>- i-Phone</li> <li>- Phone/Tablet</li> <li>- Android and Windows Phone</li> <li>- Google Chrome Book"</li> </ul>	
		End users get flexibility to access their virtual desktop based from HTML 5 based browser.	
		End users can connect USB devices that can be locally connected to clients and accessed through a virtual desktop.	
		End users can use multiple printers to access their virtual desktops.	
		End users can connect/use the video camera for video chat-based application.	
		End users would be able to access their desktops/applications over port 443	
6	<b>Monitoring</b>	Monitoring software for VDI should allow IT to easily troubleshoot, manage and monitor your end-user computing environment with a single pane of glass from data center to devices. Solution should automatically track the health of your virtual desktop infrastructure stack to optimize performance. Monitor all storage, compute and network resources	
7	<b>Reference</b>	The OEM should have at least 3 customers in India that have deployed at least 50 thin clients.	
		The reference customers should be live for more than 1 year	
		The OEM to share the deployment details and contact details (phone no and email) of the reference customers. We will reach out to the said contact persons directly	

<b>Thin Client</b>		<b>Technical Compliance (Yes/No)</b>
<b>SN.</b>	<b>Specification</b>	
1	Thin client should support Dual core processor with at least 2.0 GHz with 4GB RAM	
2	18.5” or higher LED Monitor	
3	Thin client to support HD Graphics	
4	Thin Client to support Local and Network Printing	
5	Thin client to support local and network scanning	
6	Thin client to be able to redirect USB ports	
7	Thin client to be supported by a unified device management software	
8	Thin client to support dual screen monitor	
9	Thin client to be Citrix and VMware Certified hardware	
10	Thin client to be able to support 1920x1200 Pixels @ true color (24bit)	
11	Thin client to support Windows and Linux embedded OS	
12	Thin client to be energy star certified.	
13	USB Keyboard with Mechanical Keys	
14	Optical Mouse	
15	Thin client to have Gigabit Ethernet port	
16	Thin client must support GPU based virtual desktop	

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

**Signature of Bidder**

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Organization Name:** \_\_\_\_\_

**Contact No. :** \_\_\_\_\_

**FORMAT FOR MANUFACTURER'S AUTHORISATION LETTER TO AGENT (on letter head)**

Ref. No.

Date:

To,  
The Director  
Indian Institute of Technology Jodhpur  
NH 65 Nagaur Road Karwar 342037.

**Sub.: Authorization Letter.**

Dear Sir,

We, \_\_\_\_\_, who are established and reputed manufacturers of \_\_\_\_\_, having factory at \_\_\_\_\_, hereby authorize M/s. \_\_\_\_\_ (name & address of Indian distributor /agent) to bid, negotiate and conclude the order with you for the above goods manufactured by us.

We shall remain responsible for the tender / contract / agreement negotiated by the said M/s. \_\_\_\_\_, jointly and severally.

We ensure that we would also support / facilitate the M/s \_\_\_\_\_ on regular basis with technology / product updates for up-gradation / maintains / repairing / servicing of the supplied goods manufactured by us, during the warranty period.

In case duties of the Indian agent / distributor are changed or agent / distributor is changed it shall be obligatory on us to automatically transfer all the duties and obligations to the new Indian Agent failing which we will ipso-facto become liable for all acts of commission or omission on the part of new Indian Agent / distributor.

Yours faithfully,

[Name & Signature]

for and on behalf of M/s. \_\_\_\_\_ [Name of manufacturer]

**Note:** This letter of authorisation should be on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer. A copy of notarised power of attorney should also be furnished.



**BANK GUARANTEE FORM FOR PERFORMANCE SECURITY**

The Director  
Indian Institute of Technology Jodhpur  
NH 65 Nagaur Road Karwar 342037

WHEREAS..... (Name and address of the Supplier) (herein after called “the Supplier”) has undertaken, in pursuance of contract no..... dated ..... (herein after called “the contract”) to supply  
.....  
.....

AND WHEREAS it has been stipulated by you in the said contract that the Supplier shall furnish you with a bank guarantee by a scheduled/nationalized bank recognized by you for the sum specified therein as security for compliance with its obligations in accordance with and due performance of the contract;

AND WHEREAS we have agreed to give the Supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the Supplier, up to a total of .....  
.....(amount of the guarantee in words and figures), and we hereby irrevocably and absolutely undertake to pay you immediately, upon your first written demand declaring the Supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of(amount of guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the Supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification.

The Bank guarantee shall be interpreted in accordance with the laws of India. The Guarantor Bank represents that this Bank Guarantee has been established in such form and with such content that is fully enforceable in accordance with its terms as against the Guarantor Bank in the manner provided herein.

The Bank Guarantee shall not be affected in any manner by reason of merger, amalgamation, restructuring or any other change in the constitution of the Guarantor Bank or the Supplier. The Bank further undertakes not to revoke this Guarantee during its currency except with the previous express consent of the Buyer in writing.

The Bank declares that it has power to issue this Guarantee and discharge the obligations contemplated herein, the undersigned is duly authorized and has full power to execute this Guarantee for an on behalf of the Bank.

This guarantee shall be valid up to and including the ..... day of ....., 20.....

.....  
(Signature with date of the authorised officer of the Bank)

.....  
Name and designation of the officer

.....  
Seal, name & address of the Bank and address of the Branch

## DECLARATION SHEET

We, \_\_\_\_\_ hereby certify that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

This is certified that our organization has been authorized (Copy attached) by the OEM to participate in Tender. We further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document. Moreover, OEM has agreed to support on regular basis with technology / product updates and extend support for the warranty.

The prices quoted in the financial bids are subsidized due to academic discount given to IIT Jodhpur.

1 Phone	
2 Fax	
3 E-mail	
4 Contact Person Name	
5 Mobile Number	
6 GST Number	
7 Kindly provide bank details of the bidder in the following format: a) Name of the Bank	
b) Account Number	
c) Kindly attach scanned copy of one Cheque book page to enable us to return the EMD to unsuccessful bidder	

**(Signature of the Tenderer)**

**Name:**

**Seal of the Company**



**FORMAT FOR NON BLACKLISTING OF SUPPLIER**

I/ We \_\_\_\_\_Manufacturer/partner/Authorized Distributor/Agent (strike out which is not applicable) of (Supplier) \_\_\_\_\_do hereby declare and solemnly affirm that the individual/firm/company is not black-listed by the Union/State Government/Autonomous body.

Deponent

Address \_\_\_\_\_

I/ We hereby solemnly declare and affirm that the above declaration is true and correct to the best of my knowledge and belief. No part of it is false and nothing has been concealed.

Deponent

Dated: \_\_\_\_\_

(Note: To be furnished on non-judicial stamp paper duly attested by the Oath Commissioner.)

**Certificate of Guarantee/Warranty (on letter head)**

I / We certify that the guarantee / warranty shall be given for a period of five (05) years starting from the date of the satisfactory installation, commissioning and handing over of the equipment and the work completed under the contract. During the guarantee / warranty period, I / we shall provide the “after sale service” and the replacement of defective / or 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 successful installation. The benefit of change in dates of the guarantee / warranty period shall be in the interest of the user / your organization.

**Uptime Guarantee: As per SLA.**

I / We shall try to repair the equipment at Institute premises. However, in case it is not possible to repair the equipment at Institute premises, we will take out the equipment to our site on our own expenses. We shall take the entire responsibility for the safe custody and transportation of the equipment taken out for repairs till the equipment is rehabilitated to the Institute after repair. If any loss of equipment occurred during our custody, we will restore it / compensate to Institute for such losses.

I / We guarantee that in case we fail to carry out the maintenance work within the stipulated period, the Institute reserves the right to get the maintenance work carried out at our risk, cost and responsibility after informing us. All the expenses including excess payment for repairs / maintenance shall be adjusted against the Performance Bank Guarantee. In case the expenses exceed the amount of the Performance Bank Guarantee, the same shall be recoverable from us with / without interest in accordance with the circumstances.

I / We undertake to perform calibration after every major repair / breakdown / taking the equipment out for repair from the Institute premises. I / 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.

I / We guarantee to the effect that before going out of production of the spare parts, we will give the adequate advance notice to Institute so that Institute may undertake to procure the balance of the life time requirements of the spare parts.

**MANDATE FORM FOR ELECTRONIC FUND TRANSFER/RTGS TRANSFER**

Date: / /

To  
The Director  
Indian Institute of Technology Jodhpur  
NH 65 Nagaur Road Karwar 342037

Sub: Authorization for release of payment / dues from Indian Institute of Technology, Jodhpur through Electronic Fund Transfer/RTGS Transfer.

1. Name of the Party/Firm/Company/Institute:
2. Address of the Party:

City \_\_\_\_\_ Pin \_\_\_\_\_

Code \_\_\_\_\_

E-Mail ID \_\_\_\_\_ Mob \_\_\_\_\_

No: \_\_\_\_\_

Permanent Account

Number \_\_\_\_\_

3. Particulars of Bank:

Bank Name:		Branch Name:	
Branch Place:		Branch City:	
PIN Code:		Branch Code:	
MICR No.:			

(9 Digit number appearing on the MICR Bank of the Cheque supplied by the Bank, Please attach a Xerox copy of a cheque of your bank for ensuring accuracy of the bank name , branch name and code number)

IFS Code:(11 digit alpha numeric code)																			
Account Type	Savings			Current						Cash Credit									
Account Number:																			

**DECLARATION**

I hereby declare that the particulars given above are correct and complete. If any transaction delayed and not effected for reasons of incomplete or incorrect information I shall not hold Director, Indian Institute of Technology Jodhpur responsible. I also undertake to advise any change in the particulars of my account to facilitate updating of records for purpose of credit of amount through NEFT/RTGS Transfer.

Place: \_\_\_\_\_

Date: \_\_\_\_\_

**Signature & Seal of the Authorized  
Signatory of the Party**

---

Certified that particulars furnished above are correct as per our records

Bankers Stamp:

Date: \_\_\_\_\_

**Signature of the Authorized Official  
from the Bank**

***N.B: Please fill in the information in CAPITAL LETTERS, computer typed; please TICK  
wherever it is applicable.***



**INDIAN INSTITUTE OF TECHNOLOGY JODHPUR**  
**COMPLIANCE SHEET (to be submitted in .Pdf)**

**IMPORTANTNOTE**

THIS STATEMENT SHOULD BE DULY FILLED AND ENCLOSED WITH QUOTATION. NONRECEIPT OF THIS STATEMENT OR INCOMPLETE DETAILS PROVIDED WILL LEAD TO REJECTION OF TENDER

**Tender Enquiry No:**

S. No.	Commercial Aspects	IITJ Terms	Response of the Vendor
1.	Terms of Delivery	FOR IIT Jodhpur, Karwad	
2.	Terms of Payment	The details of Payment term is mentioned in point no. 15.6	
3.	Mode of Payment	RTGS/NEFT	
4.	Bank Details for making Payment	To be enclosed	
5.	Validity of Quote	180 days from the date of opening of Tender	
6.	Name of Manufacturer	Name & complete address of the Manufacturer	
7.	Currency in which quoted	INR	
8.	Delivery Period	60 Days from effective date of Contract	
9.	No. of Lots	01lot	
10.	Installation/Supply	IIT Jodhpur, Karwad	
11.	Earnest Money Deposit (EMD)	Rs. 3,50,000/-	
12.	Warranty	5 Year	
13.	Liquidated damages <b>(mandatory requirement, if not accepted quotation will not be considered)</b>	(1% of per week maximum upto 10% of the contract value excluding taxes for the delayed period)	
14.	Order to be placed on	complete address with contact details of the supplier	
15.	Customs Duty Percentage Applicable and requirement of Customs Duty Exemption Certificate (CDEC).	Percentage of Customs Duty Applicable to be specified even if CDEC is to be issued by DRL (under Customs notification No.51/96 wherever applicable). No third party CDEC will be Provided	
16.	Applicable GST as per Govt. rules	GST % should be mentioned separately	

17.	Performance cum Warranty Bond	(10 % of the order value) As per tender	
18.	Name & Address of the Firm:		
19.	All the pages of the tender documents to be numbered in numeric (eg. 1,2,3...)		
19.	Compliance(choose any one)	We hereby accept all the terms & conditions of the tender. Or We hereby accept all the terms & conditions of the tender except the one mentioned in separate sheet.(mention the non- compliance conditions in separate sheet)	
20.	Signature &Name of the authorised signatory with stamp of the firm:		