

Tender

for

Supply & Installation of the Server Virtualization

at

Indian Institute of Technology Jodhpur

NIT No. : IITJ/SPS/CC/1/1(I)/2015-16/55
NIT Issue Date : 18 November 2015
Last Date of Submission : 18 December 2015 by 3:00 PM



॥ त्वं ज्ञानमयो विज्ञानमयोऽसि ॥

Indian Institute of Technology Jodhpur
Old Residency Road, Ratanada, Jodhpur – 342011, Rajasthan
Telefax: 0291- 2449011, email: sps@iitj.ac.in

Notice Inviting Tender

Indian Institute of Technology (IIT), Jodhpur, Rajasthan (hereinafter referred to as the “Institute”), an Educational Institute of National Importance, invites sealed tender(s) in two-bid format for “Supply, Installation & Commissioning of the Server Virtualization” at the Institute as per the specification given in the schedule attached with the tender as Annexure – I. The tender document can be downloaded from the Institute website at URL Link: <http://iitj.ac.in/tenders/> or from Central Public Procurement Portal link: <http://www.eprocure.gov.in>.

S. No.	Item Description	Quantity
1.	As per Annexure- I	As per Annexure- I

Quotation should be sealed and superscribed with tender number and due date of submission and address to:

Office-in-charge
Stores & Purchase Section
IIT Jodhpur
Old Residency Road, Ratanada
Jodhpur – 342011, Rajasthan”

Sealed tender should reach the Institute, latest by December 18, 2015 by 03:00 PM. Tender(s) received beyond the last date of submission will be rejected. No tender will be entertained by E-mail or FAX.

At any time prior to the deadline of submission of bid, the Institute for any reason, whether at its own initiative or in response of a clarification requested by a prospective tenderer, modify the tender by amendment and it will be published on the website.

Technical bid(s) will be opened on December 18, 2015 at 04:00 PM in the Conference room, Administrative Block of the Institute in the presence of the bidder(s) or their authorized representative(s), who are present at the scheduled date and time.

Date and time of the opening of the financial bid(s) will be decided after the technical bid(s) have been evaluated by the Institute. The financial bid(s) of only those tenderer(s) will be opened, who qualifies the technical evaluation, on the specified date and time. The date, time & place of opening of the financial bid(s) will be intimated in due course of time.

In the event of the due date of receipt and opening of the tender being declared as a holiday for the Institute, then due date of receipt / opening of the tender will be the next working day at the same time.

The tenderer are requested to read the tender document carefully and ensure to compliance with all the instructions herein. Non-compliance of the instructions contained in this document may disqualify the tenderer from the tendering exercise.

The Institute reserves the right to select certain items in single or multiple units and reject the others or all as mentioned in the schedule and to revise or alter the specifications before acceptance of any tender and accept or reject any or all tenders, wholly or partly or close the tender without assigning any reason whatsoever.

INSTRUCTIONS TO TENDERER

Tender should be submitted in two parts, Part – I (Technical Bid) & Part – II (Financial Bid). Envelop of Part – I should be superscribed as “Tender for Supply & Installation of the Server Virtualization, Part – I Technical Bid” and Envelop of Part – II should be superscribed as “Tender for Supply & Installation of the Server Virtualization, Part – II Financial Bid”.

1. Pre – Qualification Criteria:

- a) 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 favor of authorized Agent to bid / negotiate / conclude the order against this tender, must be enclosed with technical bid.
- b) The tenderer shall be required to submit the Earnest Money Deposit (EMD) for an amount of Rs.70,000/- (Rupees Seventy 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.
- c) 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 ` 10/- duly notarized must be enclosed with the technical bid in prescribed format. The proforma of the affidavit is attached with the tender as Annexure – III.

- d) 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.
- e) 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.

The tender of any tenderer, who has not complied with one or more of the conditions of pre-qualification criteria and / or fail to submit the required documents in prescribed format as mentioned / or required / or conditional tender are liable to be summarily rejected.

2. Earnest Money Deposit (EMD):

The tenderer shall be required to submit the Earnest Money Deposit (EMD) for an amount of Rs.70,000/- (Rupees Seventy 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 firm(s) who are registered with the National Small Industries Corporation (NSIC) / or Small Scale Industrial (SSI) are exempted to furnishing the EMD and tender fee. Self-attested photocopy of the valid registration certificate must be enclosed with the technical bid.

The demand drafts for earnest money deposit & tender fee must be enclosed in the envelope containing the technical bid. Any technical bid is found without the demand drafts of earnest money deposit and tender fee will be rejected. The Institute will not be liable to pay any interest on such an amount. The earnest money deposit shall be forfeited, if the tenderer withdraws its bid during the period of tender validity.

The earnest money deposit of the tenderer, whose tender has been accepted, will be returned on the submission of the performance security. Earnest money deposit of the successful tenderer shall be forfeited, if it refuses or neglects to execute the order or fails to furnish the required performance security within the time frame as specified by the Institute.

After the award of the contract to the successful tenderer, the earnest money deposit of the unsuccessful tenderer(s) will be refunded within 30 days.

3. **Validity:**

Quoted rates must be valid for a period of 90 days from the date of the closing of the tender. The overall offer for the assignment and tenderer quoted price shall remain unchanged during the period of validity. If the tenderer has quotes the validity shorter than the required period, the same will be treated as unresponsive and it may be rejected.

In case the tenderer withdraws, modifies or changes his offer during the validity period, the tender is liable to be rejected and the earnest money deposited shall be forfeited without assigning any reason thereof. The tenderer should also be ready to extend the validity, if required, without changing any terms, conditions etc. of their original tender.

4. **Delivery & Installation:**

All the goods ordered should be delivered within 8 weeks from the date of the receipt of the purchase order and satisfactory installation / commissioning and handover of the software will be completed within 8 weeks.

In case the tenderer need / or quoted more time for the completion of the order / project, for evaluation and comparison , Institute will convert all the proposal in single format with up-loading the LD charges of the extra time required on the quoted price.

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

Liquidated Damages (LD):If the supplier has fails to perform the satisfactory installation / commissioning of the software and/ or which is not ready to use within stipulated time then penalty at the rate of 1% per week subject to maximum of 10% of the order value will be deducted.

Extension of Delivery & Installation Period: If the supplier has unable to complete the project / order within the stipulated time, for which the supplier is responsible, if it is required to request for the extension of the delivery period, it may be extended with the imposing of the liquidated damages.

In case the supplier has failed to complete the order / project within the stipulated time, Institute reserves the right to cancel the contract / order and performance security / EMD may be forfeited.

5. **Guarantee / Warranty:**

Tender must be quoted with the three (03) years license subscription with 8x5 support form OEM.

6. **Tender Preparation Expenses:**

All costs incurred by the tenderer in the preparation of the tender, presentation and of negotiating the contract including the site visits etc. will be borne by the tenderer themselves and in no case will be reimbursable by the Institute.

7. **Financial Bid:**

The rates should be quoted in Indian Rupees (INR) inclusive of the essential charges on FOR at destination site basis in the prescribe format (**Annexure –IV**) with complete description. Name of the manufacturer, part number must be indicated clearly in the proforma invoice / quotation failing which the same shall be liable for rejection.

Where the software is composed of several subunits / component, the rate should be quoted for each subunit / component separately otherwise quotation is liable to be rejected. The Institute reserves the right to increase or decrease the number of subunits / components and number of software according to its requirements. The words “Not Quoting” should be clearly written against any item of software for which the tenderer is not quoting.

Institute is registered with DSIR, Govt. of India (Custom Duty Notification No. 51/96- Custom dt: 23 July, 1996 and Central Excise Duty Notification No. 10/97- Central Excise dt: 1 March, 1997) and is therefore, exempted from Excise Duty and partial exempted from Custom Duty (CD applicable to IIT Jodhpur is 5.15%). Exemption Certificate of the same shall be issued.

NB: If any of the conditions mentioned in the tender enquiry document are alter / changed / modified / add any new condition, which are not compliance with tender enquiry document, by tenderer in their proposal, which may be treated as unresponsive and it may be rejected.

8. **Tender Evaluation:**

The Institute will evaluate the entire tenders, strictly on the basis of the terms & conditions incorporated in the tender enquiry document and terms, conditions etc. as stipulated by the tenderer(s) in their tender to determine whether these are compliance in all respects, as specified in the tender enquiry document.

During the evaluation / scrutiny of the tenders, at any stage, if it is found that any of the tenderer(s) terms and conditions are not compliance with tender enquiry document, Institute may seek the clarification within the specified target time and if the tenderer has fails to reply / or not agree / accept the terms and conditions, their tender will be treated as unresponsive and it is liable for rejection.

If the schedule of requirements contains more than one schedule, then offers for each schedule are to be evaluated and ranked separately, if it is in the benefit of the Institute, order may be awarded accordingly.

Evaluation of the proposals shall be done in two stages as:

(a) Stage – I (Technical Evaluation): Technical evaluation of the proposals shall be done in two stages as:

➤ Sub-Stage – A (Essential pre-qualification criteria):

- Institute will examine all the bid(s) to determine whether they qualify the essential pre-qualification criteria, whether tenderer has submitted the EMD & Tender fee with technical bid, whether all the documents as mentioned / or required in the tender to be submitted with technical bid, has submitted, whether all the documents are in prescribed format and has been properly signed & stamped and whether the bid are completed and generally in order.
- Tender(s) who will not qualify Sub-Stage–A or conditional tender are to be treated as unresponsive and it may be rejected.

➤ Sub-Stage – B (Technical Specification):

- The Institute will examine the detailed technical specification of the quoted part number/model, whether these are complying with the specification as mentioned in tender document.
- The tender which are not compliance with the tender specifications will be summarily rejected.

After the evaluation of technical bid(s), a list of the tenderer(s) who qualify the technical evaluation (Sub – Stage – A & B) shall be made. Shortlisted tenderer(s) shall be informed for the date, time and place of opening of the financial bid(s) and they may depute their representative/s to attend the opening of the financial bid(s). The financial bid(s) of the only technically qualified tenderer(s) will be opened.

(b) Stage – II (Financial Evaluation): Financial bid(s) of the only technically qualified tenderer(s) will be opened for financial evaluation.

The financial bid(s) will be evaluated on the basis of the total cost as quoted.

If there is discrepancy between the unit price and total price (which is obtained by the multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly and same

is to be conveyed to the tenderer with specified target time, if the tenderer does not agree with the observation of the Institute, the tender is liable to be ignored.

9. Award of Contract:

After due evaluation of the financial bid(s), the Institute will award the contract to the lowest evaluated responsive tenderer (hereinafter referred to as the “Supplier”).

10. Payment Term:

- I. 100% payment of the total order value shall be released against receipt of the materials and successful installation / commissioning at the Institute premises on the submission inspection report by the supplier duly certified by the Institute Authority.

11. Force Majeure:

Any delay due to Force Majeure will not be attributable to the bidder. Force Majeure events shall mean one or more of the following acts or events: Acts of God or events beyond the reasonable control of the Affected Party which could not reasonably have been expected to occur, exceptionally adverse weather conditions, lightning, earthquake, cyclone, flood, volcanic eruption or fire or landslide; Radioactive contamination or ionizing radiation; Strikes or boycotts (other than those involving the Supplier or its employees/representatives or attributable to any act or omission of any of them) interrupting supplies and services of the Project for a period exceeding a continuous period of 7 (seven) days; An act of war (whether declared or undeclared), invasion, armed conflict or act of foreign enemy, blockade, embargo, riot, insurrection, terrorist or military action, civil commotion or politically motivated sabotage which prevents rendering of supplies or specified services by the Supplier for a period exceeding a continuous period of 7 (seven) days.

12. 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.

13. 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.

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Annexure 'I'

Supply and Installation

Sr. No.	Particular	Quantity
1	Server Virtualization software with three years subscription	32 Socket

Technical Specifications of Virtualization

S. No	Virtualization Specifications	Compliance (Y/N)	Remark
	Scalability Limits / life-cycle		
A.	O/S Virtualization (Scalability)		
i.	Image-based, small-footprint (<200MB) hypervisor with minimized security footprint		
ii.	Does it support host scalability limit up to 160 Logical CPUs and 2TB per host (platform capable of up to 4,096 logical CPUs/64TB per host)?		
iii.	Does it support up to 160 vCPU and 2TB vRAM per virtual machines guest		
iv.	Does it support remote logging (rsyslog) and remote crash analysis (remote kdump)?		
v.	Virtualization software should also include upgrades, updates and web & telephonic, 8 x 5, L1 to L3 support from virtualization vendor for 3 years.		
vi.	The solution should be a single solution for Server virtualization and desktop VDI. The commercial offered by the vendor should include both the above mentioned solution.		
vii.	Memory overcommitment: Allows users to define more RAM in their VMs than is present in a physical host.		
viii.	Does the solution Dynamically allocate virtual CPUs without restarting the VM		
B.	Virtualization Manager		
i.	Does the Virtualization administrator portal provide a graphical management system for administrators to manage virtual machines, templates, desktops, storage, clusters, and datacenters?		
ii	The solution should have the functionality of deploying Virtualization Administrator engine as a VM (Virtual Machine) on the host.		
C.	Does User interface enhancements include:-		
i.	Does it support Tree-view for hierarchical management of the Enterprise Virtualization Environment?		
ii.	Does it support Expanded tag and bookmark Capabilities?		
iii.	Does it support to Enhance query engine for searching of Enterprise Virtualization objects?		
iv.	Does it support extensive event monitoring?		
v.	Does it support Enhanced dialog boxes, including a network bonding dialog box to allow for easier configuration of multiple virtual networks?		
vi.	Should have enhanced dialog boxes, including a network bonding dialog box to allow for easier configuration of multiple virtual networks.		
D.	User Portal:- does the Virtualization user portal provide standard and power user access to the Virtualization Environment?		
E.	Reports Dashboard:- does Virtualization Reports Dashboard provide a robust, historical reporting system based on an embedded Jasper Reports engine? Should have numerous pre-built reports and dashboards are included, or users can define their own.		
F.	Snapshots : Allows for Cold or Live Snapshots to preserve a VM's current state		
G.	System scheduler : System scheduler policies for load balancing (automatically balances the VM load among hosts in a cluster) and power saver mode (consolidates VM loads onto fewer hosts during non-peak hours)		
H.	Storage Management		
i.	Supports iSCSI, FC, and NFS shared storage infrastructures		

ii.	Support for transparent block alignment for better performance of virtual disk files on shared and local storage		
iii.	Supports local physical disks and locally attached SAN or other storage supported by standard mpio drivers		
iv.	Supports pre-allocated (thick-provisioned) disks for optimal performance and thin-provisioned disks for optimal storage usage		
v.	Supports for POSIX shared filesystems, such as Red Hat Storage, IBM GPFS, etc.		
I.	High availability		
i.	Allows critical VMs to be restarted on another host in the event of hardware failure with three levels of priority, taking into account resiliency policy		
ii.	Resiliency policy to control high availability VMs at the cluster level		
iii.	Supports application-level high availability with supported fencing agents for Red Hat Enterprise Linux guests using the Red Hat Enterprise Linux High Availability add-on		
J.	Migration tools : Includes virt-V2V and P2V tools for automating the conversion of physical servers to Virtual machines.		
K.	Backup / Restore : Required Full support for third-party tools that offer backup, restore, and replication		
L.	Quotas : Quotas provide a simple method of limiting power users to a number of virtual guests, quantity of storage used, CPU utilization, and amount of memory on host servers.		
M.	Affinity/anti-affinity workload grouping - Define workload affinity policies on how VMs run, either together on the same host or separately on different hosts.		
N.	<p>Guest support : Fully supported server operating systems:</p> <ul style="list-style-type: none"> • Red Hat Enterprise Linux: Red Hat Enterprise Linux 3, 4, 5, 6 and 7; 32- and 64 bit • Windows Server 2003, 2003 R2, 2008, 2008 R2; and 2012, 32- and 64-bit • Vendor support for SUSE Linux Enterprise Server 10 and 11 <p>Fully supported desktop operating systems:</p> <ul style="list-style-type: none"> • Red Hat Enterprise Linux Desktop 5 and 6, 32- and 64-bit • Windows XP 32-bit; Windows 7 32- and 64-bit; Windows 8 32- and 64-bit 		
O.	Training and Onsite support		
i.	On Site Support from OEM of virtualization software installation, audit and health check for 07 man days.		
ii.	Training for virtualization software shall be provided by the OEMs with curriculum as per the OEM certified Training Program. It shall be provided by the OEM certified Trainers only.		

Annexure – II

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

Ref. No.

Date:

To,

The Director

Indian Institute of Technology Jodhpur

Old Residency Road, Ratanada, Jodhpur - 342011.

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.

Annexure – III

DECLARATION REGARDING BLACKLISTING/DEBARRING FOR TAKING PART IN TENDER.

(To be executed & attested by Public Notary / Executive Magistrate on Rs.10/- non-judicial Stamp paper by the bidder)

I / We _____ Manufacture / Partner(s)/ Authorized Distributor /agent of M/S.
_____ hereby declare that the firm/company namely
M/s. _____ has not been blacklisted or debarred in
the past by Union / State Government or organization from taking part in Government tenders in India.

Or

I / We _____ Manufacture / Partner(s)/ Authorized Distributor / agent of M/s.
_____ hereby declare that the
Firm/company namely M/s. _____
_____ was blacklisted or debarred by Union / State Government or any Organization from taking part in
Government tenders for a period of _____ years w.e.f. _____ to _____.
The period is over on _____ and now the firm/company is entitled to take part in Government
tenders.

In case the above information found false I/we are fully aware that the tender/ contract will be
rejected/cancelled by Director, IIT Jodhpur, and EMD/ Performance Security shall be forfeited.

In addition to the above Director, IIT Jodhpur will not be responsible to pay the bills for any completed /
partially completed work.

DEPONENT

Name _____

Address _____

Attested:

(Public Notary / Executive Magistrate)

Annexure - IV

Format for Financial Bid

(To be submitted on the letterhead of the company / firm)

Ref. No.

Dated:

S. No.	Description	Qty.	Unit Rate in INR	Amount in INR
1.	Basic Price of the Software			
2.	Other charges (if any, specify in brief)			
3.	VAT / CST (As applicable)			
Total				

1. I/We have gone through the entire terms & conditions as stipulated in the tender enquiry document and confirm to accept and abide the same.
2. No other charges would be payable by the Institute.

Authorized signatory of the company with seal
