Tender Corrigendum

D.No. 445/CC Dated 03/09/2016

2nd Corrigendum of the tender for Storage Upgradation of Data centre (ref. number of the tender 367/CC dated 05.08.2016 and Corrigendum Ref. No 391/cc dated: 13.08.2016), after detailed discussion in the Technical bid opening meeting held on 03.09.2016 at 11:30 AM, the PCCC and Special Invitees mutually decided the following changes in the tender document

(1) Deadline of the submission of the bid : 20/09/2016 up to 11.00 am
(2) Technical bid opening date and time : 20/09/2016 at 11.30 am
(3) Price bid opening date and time : 20/09/2016 at 04.30 pm

(4) Compliance sheet on page no. 5 of clause number 7 : The bidder must be a company registered and incorporated in under the company Act 1956. The bidder should be operating in India for last 5 years

Read As

The bidder must be a company registered with NCSI or any government agencies and/or incorporated in under the company Act 1956. The bidder should be operating in India for last 5 years

[Signature]

Secretary, Purchase Committee, Computer Centre
Tender Corrigendum

D.No. 391/CC Dated 13/08/2016

Corrigendum of the tender for Storage Upgradation of Data centre (ref. number of the tender 367/CC dated 05.08.2016), after detailed discussion in the pre-bid conference, the PCCC and participants (SI/authorized vendors) mutually decided the following changes in the tender

(1) Deadline of the submission of the bid : 03/09/2016 up to 11.00 am
(2) Technical bid opening date and time : 03/09/2016 at 11.30 am
(3) Price bid opening date and time : 03/09/2016 at 04.30 pm

(4) Technical Bid on Page no 6 of 7 clause Connecting Ports (SAN): should have minimum of 4 x 10 GBPs iSCSI / 8 Gbps Fc and 4 x 6 Gbps SAS Host ports

Read As

Connecting Ports (Storage): Should supplied with 4 x 8Gbps FC Port per controller and also should support 4 x 10 Gbps iSCSI per controller and 4 x 6 Gbps SAS Host ports

(5) Detailed scope of Work

<table>
<thead>
<tr>
<th>Cluster details</th>
<th>Existing infrastructure details as of 13/08/2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cluster -1</td>
<td>Cluster -2</td>
</tr>
<tr>
<td>Hardware :</td>
<td>Servers : 2 IBM X3650 M4 servers SAN Storage D3524, SAN switch SAN24 B-4</td>
</tr>
<tr>
<td></td>
<td>Servers : 2 IBM X3650 M4 servers SAN Storage D3524, SAN switch SAN24 B-4</td>
</tr>
<tr>
<td>Software :</td>
<td>VMware VSphere 5.1 (essential plus kit)</td>
</tr>
<tr>
<td></td>
<td>VMware VSphere 5.5 (essential plus kit)</td>
</tr>
<tr>
<td>Virtual Machines</td>
<td>Zimbra VM (Single VM)</td>
</tr>
<tr>
<td></td>
<td>32 VMs (RHEL, Windows , Centos, Ubuntu etc.)</td>
</tr>
</tbody>
</table>

Scope of work under installation and commissioning :

(1) Migration of existing data of approx. 4 TB (mail boxes) on existing SAN Storage from cluster-2 to cluster-1

(2) Removal of physical storage from cluster-2 and redeployment of the same on cluster-1

(3) Reconfiguration of additional storage now available at cluster 1

(4) Installation and configuration of proposed and supplied Network Attached Storage (NAS) onto cluster 2 as per AMU requirement.
(5) Preparation of test cases for end to end testing and finalization of the same in coordination with infrastructure management team, as per functional requirements of Computer Centre, AMU

(6) Execution of test cases of finally installed and configured solutions as per the tender requirements (test report to be enclosed)

(7) Training and Knowledge Transfer for solution management and optimum utilization of resources available at data centre after the above enhancement.

[Signature]

Secretary, Purchase Committee- Computer Centre
NOTICE INVITING TENDER

Computer Centre
Aligarh Muslim University, Aligarh-202002(U.P.), INDIA

Ref. No.: 367/CC Dated: 05.08.2016

Aligarh Muslim University, Aligarh – 202002, invites sealed tenders from Original Equipment Manufacturers (OEMs)/ reputed firms who have been authorized by the OEM as per eligibility criteria defined in Compliance Sheet (Annexure-III) for Storage upgradation of Data Centre using a Two-bid system (Technical Bid and Price Bid).

*Technical Bid (Annexure-IV) and Price Bid (Annexure-V) must be submitted in separate sealed envelopes.* The envelope cover in each case should be superscribed with “Technical Bid for Storage upgradation of data centre” and “Price Bid for Storage upgradation of data centre” respectively.

Bidder’s name and address should also be superscribed on each envelope. These two sealed envelopes with the compliance sheet (Annexure-III) containing complete tender document duly signed and enclosing all documentary evidences should be put in another sealed envelope (Master Envelop) and superscribed with “Bid for storage upgradation of data centre - Tender Ref. No. 367/CC dated 05.08.2016” along with Bidder’s name and address. This sealed envelope should be submitted to ‘in the Office of the Director, Computer Centre’ AMU, Aligarh.

**Important Dates**

<table>
<thead>
<tr>
<th>S.N.</th>
<th>Event</th>
<th>Date and Time</th>
<th>Venue</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Deadline for submission of Bids</td>
<td>27.08.2016 up to 12:15 PM</td>
<td>Conference Room Computer Centre</td>
</tr>
<tr>
<td>2.</td>
<td>Pre Bid Conference</td>
<td>13.08.2016 at 11:00 AM</td>
<td>Conference Room Computer Centre</td>
</tr>
<tr>
<td>3.</td>
<td>Technical Bid Opening Date</td>
<td>27.08.2016 at 12:30 PM</td>
<td>Conference Room Computer Centre</td>
</tr>
<tr>
<td>4.</td>
<td>Price Bid Opening Date</td>
<td>31.08.2015 at 11:00 AM</td>
<td>Conference Room Computer Centre</td>
</tr>
</tbody>
</table>

**How to fill the Tender**

<table>
<thead>
<tr>
<th>S.N.</th>
<th>Envelops</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Technical Bid Envelop</td>
<td>Annexure-IV, page no. 06, Along with related enclosures</td>
</tr>
<tr>
<td>2.</td>
<td>Price Bid Envelop</td>
<td>Annexure-V, page no. 07, along with related enclosures</td>
</tr>
<tr>
<td>3.</td>
<td>Master Envelop</td>
<td>Sealed Technical Bid Envelop, Sealed Price Bid Envelop, Compliance Sheet and its enclosures</td>
</tr>
</tbody>
</table>

**Scope of Work:** Successful implementation of 30 TB usable NAS.

**Contact Details:**

For any clarification required, please submit your enquiries by e-mailing the same to secretary.cpcc@amu.ac.in mentioning “Request for Clarifications: storage upgradation of data centre” as subject of e-mail, and clearly articulating specific queries (for which clarifications are to be sought) prior to the pre-bid meeting. All clarifications will be provided during pre-bid meeting.
Upgradation of Data Centre to Computer Centre, Aligarh Muslim University, Aligarh-202002
NIT (Notice Inviting Tender) No. 367/CC

Dated: 05.08.2016

Terms and Conditions

1. All successful bidders would be required to register with Central Purchase Office of AMU as an approved contractor/supplier with the Aligarh Muslim University. A copy of valid certificate of vendor registration (issued by Central Purchase Office, A.M.U. Aligarh), may be required as an evidence of registration by the purchaser.

2. The items are required to be delivered, installed, tested and verified at the data centre of Computer Centre.

3. The rate of discounts, sales tax, services tax or any other type of tax should clearly be mentioned however the quoted price shall be inclusive of all the Taxes (landed price).

4. Quotations should be valid for at least 6 months.

5. The Aligarh Muslim University agrees to make payment on bill after successful supply, installation and commissioning of the items. Performance Bank Guarantee @ 10% of total order value may be required by the University.

6. The items shall be supplied to the department within two weeks of the issue of purchase order.

7. All items should be under stipulated comprehensive on-site warranty. Supplier, in addition to original equipment manufacturer shall also be responsible to extend the warranty to end-users in AMU.

8. The University has the right to accept the rates of some or all of the items required. AMU reserves the right to reject quotations which are not conforming to compliance sheet (annexure-III) of tender document.

9. The University reserves the right to reject any or all of the quotations without assigning any reason(s).

10. True copies of currently valid authorization letters, from respective OEMs in favour of the bidder to quote, supply install and commission and support of warranty be provided.

11. Ink Signed OEM’s certificate to the effect that it takes the responsibility if the supplier firm becomes blacklisted/bankrupt/non-existent.

12. Additional terms and conditions articulated by purchaser (if any) at the time of placing the Purchase Order to successful bidder.

13. EMD @ Rs. 30,000 against this NIT should be deposited along with quotations, in the form of DD, in favour of Finance Officer, AMU, Aligarh. In case of unsuccessful bid the EMD after necessary deductions (if any) will be returned. However, vendors registered with NSIC (National Small Industries Corporation) and enclosing attested copy of certificate of registration with NSIC (valid for at least 6 months), would be exempted from payment of EMD.

14. Arrangement of all the documents related to taxation and road permits shall be the sole responsibility of the supplier.

15. The original brochures of the quoted items should be attached.

16. All pages of tender document with enclosures should be signed (with date and seal) by the bidding firm’s authorized signatory.

17. In addition to official landline phone/fax numbers, two mobile telephone numbers (including the mobile number of Chief Executive Officer of the bidding firm) and email ids for communication, should be specifically provided, as per Annexure-I.

18. A declaration is to be submitted, as per Annexure-II.

19. Annexure-III (the compliance sheet) should be duly filled, signed and stamped is to be submitted along with documentary evidences as applicable.

20. Providing any false/wrong information (including supply of wrong contact information, leading to loss of communication) will be treated as the breach of contract.

[Signature]
Secretary Purchase Committee - Computer Centre
Upgradation of Data Centre to Computer Centre, Aligarh Muslim University, Aligarh-202002

NIT (Notice Inviting Tender) No. 367/CC

Dated: 05.08.2016

1. NAME OF THE BIDDING FIRM:

Website URL: ..............................................................................................................

2. ADDRESS: (a) REGISTERED OFFICE:

.............................................................................................................................. PIN

STD CODE ..............Office Phone No: ................................................. FAX No:

Primary Cell Phone No: .............................................. Alternate Cell Phone No:

Official E.Mail-ID:................................................................. Alternate E.Mail-ID:

(b) WORKS/FACTORY (if applicable):

STD CODE ..............Landline Phone No: ................................................. FAX No:

Primary Cell Phone No: .............................................. Alternate Cell Phone No:

Official E.Mail-ID:................................................................. Alternate E.Mail-ID:

3. Commercial Information (Enclose Attested Copy wherever Applicable)

   a) CST Regn. No. : 
   b) State ST Regn. No : 
   c) TIN No. : 
   d) Excise Center No. : 
   e) Trade License No. : 
   f) Service Tax Regn.No. : 
   g) PAN No. : 

I/We further undertake that all the above information and documents supplied by me/us are correct. In the event of any future changes to the above information, during the period of validity of this rate contract, I will immediately inform CPCC in writing and also provide updated documents (if any).

(Signature of the Bidding Firm's Authorised Signatory)

Name:

Dated:

Designation with Seal
Upgradation of Data Centre to Computer Centre, Aligarh Muslim University, Aligarh-202002

NIT (Notice Inviting Tender) No. 367/CC

Dated: 05.08.2016

DECLARATION

FROM

M/s...........................................
...........................................
...........................................

To

Secretary Purchase Committee

Computer Centre, Aligarh Muslim University

Dear Sir,

1. I/We have read and understood the contents of the Tender and agree to abide by all the terms and conditions of this tender.

2. I/We also confirm that in the event of my / our tender being accepted, I/We hereby undertake to furnish Performance Security, as applicable in the form of Demand Draft.

3. I/We further undertake that none of the Proprietor / Partner/Directors of the firm was or is Proprietor or Partner or Director of any firm with whom Aligarh Muslim University, Aligarh or any other government organization have black listed/banned/suspended business dealing.

I/We further undertake to report to the Secretary, CPC immediately after we are informed but in any case not later than 15 days, if any firm in which Proprietor / Partner/Directors are Proprietor or Partner or Director of such a firm which is black listed/banned/suspended in future during the currency of the Contract with you.

Yours faithfully,

(Signature(s) of the Bidding Firm's Authorised Signatory)

Name(s):

Dated:  

Designation(s) with Seal
### Compliance-sheet

<table>
<thead>
<tr>
<th>Requirement Profile of Vendor</th>
<th>(Yes/No)</th>
<th>Documentary Evidences enclosed (Yes/No)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Is annexure-1 duly filled and signed with seal of the bidding firm?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Is annexure-2 duly filled and signed with seal of the bidding firm?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Ink signed authorization latter of OEM for participating in tender enclosed?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Are audited account statements of the bidding firm, for last three financial years are available with bidding firm and bidder agrees that the same will be produced (within three business days), as and when required by AMU?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Are Letters of references/testimonials enclosed from at least three satisfied data centre customers to whom similar services/supplies were successfully delivered, in past, by the bidding firm?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Does the bidder agree that Letter of credit worthiness from the bank of the bidding firm will be produced (within three business days), as and when required by AMU?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. The bidder must be a company registered and incorporated in India under the Companies Act 1956. The bidder should be operating in India for the last five years.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Has bidder agreed that all the communications received from AMU on email-ID supplied by the bidder in Annexure-1 of this tender document, will be responded within one business day. Lack of timely response from supplier , will be interpreted as failure on the part of supplier, thereby attracting penal actions as deemed appropriate by AMU?</td>
<td></td>
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</tr>
<tr>
<td>9. EMD enclosed as per the requirement of AMU? D.D. No. date Amount Rs 30,000</td>
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</tbody>
</table>

(Signature(s) of the Bidding Firm's Authorised Signatory)

Name(s):

Dated:

Designation(s) with Seal
## Technical Bid

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Item Description</th>
<th>Compliance</th>
<th>Deviations/Remarks (if any)</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td><strong>30 TB Usable Network Attached Storage for existing data centre</strong></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Controller: Dual active controller with automated I/O path failover</td>
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<tr>
<td></td>
<td>Connecting ports (SAN): Should have minimum of 4* 10 GBPs iSCSI/ 8 Gbps FC and 4* 6 Gbps SAS Host ports</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Management Software: Must include Storage Manager software, to centrally manage all Storage subsystems, Multi-path (Load Balancing &amp; Failover), LUN masking and should Support RAID migration on to the free space available</td>
<td></td>
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<tr>
<td></td>
<td>O/S Support: Support for multiple Operating Systems connecting to it, including of Windows, UNIX, Linux, AIX, HP UX etc.</td>
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<td></td>
<td>Scalability: It Should be scalable to minimum 192 No. of HDD</td>
<td></td>
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<tr>
<td></td>
<td>Capacity: Offered SAN Array shall be configured for 8 x 6TB NL-SAS 7,2K RPM Drives</td>
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<tr>
<td></td>
<td>Raid Controllers: Dual, both Active, minimum 16 GB cache across the two Controllers (8 GB per Controller)</td>
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<td></td>
<td>Protocol Support: FCP, iSCSI</td>
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<tr>
<td></td>
<td>Cache Safety: Cache should be mirrored and battery-backed-up /disk-destaged, to provide protection of data for 72 hours or more</td>
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<td></td>
<td>Drive Interface: 6 GBPs SAS /4 GBPs FC-AL, with auto-sensing</td>
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<tr>
<td></td>
<td>Supported Drives, Mixed Drives: Should support SSD, SAS, NL-SAS, 6 GBPs Drives</td>
<td></td>
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<tr>
<td></td>
<td>RAID levels: Dynamic Disk Pools and traditional RAID levels 0, 1, 3, 5, 6 and 10</td>
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<tr>
<td></td>
<td>Fans and power Supplies: Redundant, hot-swappable power supplies and fans</td>
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<tr>
<td></td>
<td>Rack Support: Suitable for industry-standard Racks and PDUs</td>
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<tr>
<td></td>
<td>Data Services: Should include data Snapshot, Thin provisioning, Volume cloning or equivalent features for the offered capacity of the storage array. The proposed system should also include storage based replication software</td>
<td></td>
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<tr>
<td></td>
<td>Alert: Automated alerts for Improving service response times</td>
<td></td>
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<tr>
<td></td>
<td>Others: All required cable and connectors to be supplied</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Warranty: 5 Years on site comprehensive warranty support</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Signature: [Signature Image]*

Dated: 05.08.2016
S. No. | Item Description                                      | Base Price (INR) | Taxes (INR) | Total Amount (INR) |
-----|-------------------------------------------------------|-----------------|-------------|-------------------|
01   | Upgradation of Storage to existing data centre        |                 |             |                   |
      | 30 TB Usable Network Attached Storage for existing data centre including installation and commissioning |                 |             |                   |

NIT (Notice Inviting Tender) No. **367/CC** Dated: **05.08.2016**