

# INDIAN COUNCIL OF FORESTRY RESEARCH & EDUCATION

P.O. NEW FOREST, DEHRADUN - 248 006



Corrigendum No. 4-61/IT/ICFRE/2016-17/<sup>50</sup>Dated: . 22-02-2017

## CORRIGENDUIM

TO

## REQUEST FOR PROPOSAL FOR SELECTION OF VENDOR FOR CONTINUITY OF DATA CENTRE (SERVER FARM)

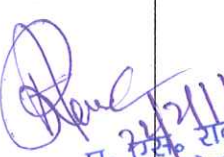
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TO


## Request for Proposal for Selection of Vendor for Continuity of Data Centre (Server Farm).

The corresponding para of aforementioned tender document 4-61/ IT / ICFRE / 2016-17/23 dated: 23.01.2017(Tender ID on e-Procurement System is 2017 ICFRE 167770 1) may be read as:

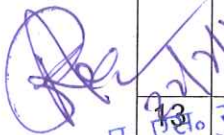
Sr. No	RFP Clause Reference No.	RFP Clause	Amended Clause
1	Financial bid evaluation criteria	New point added	Financial bid evaluation shall be done on base price quoted by bidders <b>exclusive of taxes</b>
2	Section 1.3, RFP Document Fees	New point added	If a company is <b>registered with NSIC as MSME</b> , tender fee is <b>waived off</b> . However, bidders have to provide a <b>valid certificate (NSIC)</b> at the time of bid submission
3	Section 1.4, Earnest Money Deposit (EMD)	New point added	If a company is <b>registered with NSIC as MSME</b> , EMD fee is <b>waived off</b> . However, bidders have to provide a <b>valid certificate (NSIC)</b> at the time of bid submission
4	Section 3.1, Scope of Work, Section 3.1.1 for Supply, point no. 16	The Vendor shall ensure that the products (hardware/software etc.) quoted are not at the "End of Life/Sale for 3 years" as on Bid Submission date. If in case the support for the product quoted has been stopped/withdrawn till the time of delivery of equipment, the same will be changed with the same or higher product at no extra cost. The support including spares, patches, and upgrades for the quoted products shall be available for the entire period of the Project without any additional cost to ICFRE. If at any point of time during the contract period, it	The Vendor shall ensure that the products (hardware/software etc.) quoted are not at the "End of Life/Sale for <b>1 year</b> " as on Bid Submission date. If in case the support for the product quoted has been stopped/withdrawn till the time of delivery of equipment, the same will be changed with the same or higher product at no extra cost. <b>However, OEM has to ensure product support for more than 7 years once product is declared end of life/sale</b> . The support including <b>spares, patches</b> for the quoted products shall be available for the entire period of the Project

  
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		is found that the product is out of support within the specified time, the Vendor is liable for upgradation/replacement of product.	without any additional cost to ICFRE. If at any point of time during the contract period, it is found that the product is out of support within the specified time, the Vendor is liable for upgradation/replacement of product.
5	Annexure -3 Bill of Material, 3.1.1 IT Infrastructure, Point no. 10	MS Windows Server 2012 R2 or Latest = 10	MS Windows server <b>2016 for 16 core per server = 10</b>
6	Annexure - 4 Technical Specifications, 4.1 Tower Server, Point No. 5, CPU	Latest generation 8CoreIntel Xeon E5-26xx v4 or higher Processor.Processorspeedshould be of Min3.2GHz and 25 MB cache	Latest generation 8CoreIntel Xeon E5-26xx v4 or higher Processor.Processorspeedshould be of <b>Min2.1 GHz and 20 MB cache, Single Socket</b>
7	Annexure - 4 Technical Specifications, 4.1 Tower Server, Point No. 16, Management	Management:OSindependenthardwarehealthstatus	Management:OSindependenthardwarehealthstatus. <b>Out of band management port shall be available.</b>
8	Annexure - 4 Technical Specifications	The available bandwidth on the blade server shall be 2x 10G (minimum) for Ethernet ports and 2x8 Gbps (minimum) for FC ports to achieve redundancy	The available bandwidth on the blade server shall be 2x 10G (minimum) for Ethernet ports and 2x8 Gbps (minimum) for FC ports to achieve redundancy.

  
 22/2/18  
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	ations, 4.2 Blade Server, Point No. 9		<b>Dedicated ports for Ethernet and FC shall be available.</b>
9	Annexure – 4 Technical Specifications, 4.4 SAN Storage, Point No. 7	Storage should have 64Gbps front end Bandwidth using 8/16Gbps FC Ports scalable to 128Gbps FC & 40Gbps (4x10Gbps) Bandwidth for NAS and iSCSI host connectivity and 192 Gbps SAS backend throughput	Storage should have 64Gbps front end Bandwidth using 8/16Gbps FC Ports scalable to 128Gbps FC & 40Gbps (4x10Gbps) <b>Bandwidth for iSCSI host connectivity</b> and 192 Gbps SAS backend throughput
10	Annexure – 4 Technical Specifications, 4.4 SAN Storage, Point No. 13	The storage should be configured with 48GB controller cache and the same should be 100% scalable With/Without any controller change. Storage should support flash cache of up-to minimum 500GB. Flash cache shall be able to cache both Read and Write operations.	The storage should be configured with <b>minimum 48GB</b> controller cache and the same should be 100% scalable With/Without any controller change. Storage should support flash cache of up-to minimum 500GB. Flash cache shall be able to cache both Read and Write operations.
11	Annexure – 4 Technical Specifications, 4.4 SAN Storage, Point No. 13	Storage Space: The storage should be configured with 15 TB usable capacity using SAS 10K 1.2TB or higher capacity SAS drives with Raid-6 (8+2 or smaller sized Raid groups). The storage should support RAID 1/10, 5, and 6. One hot spare disk for every 30 data disk shall be provided for all drive types.	Storage Space: The storage should be configured with 15 TB usable capacity using <b>SSD</b> 10K 1.2TB or higher capacity <b>SSD</b> drives with Raid-6 (8+2 or smaller sized Raid groups). The storage should support RAID 1/10, 5, and 6. One hot spare disk for every 30 data disk shall be provided for all drive types.
12	Annexure – 4 Technical Specifications, 4.5 Tape Library, Point No. 13	Minimum 4, latest generation (lto-6 or above) LTO drives and min of 24 slots. The proposed tape library should be scalable to 6 drives and 48 slots.	Minimum 4, latest generation (lto-6 or above) LTO drives and min of 24 slots. The proposed tape library should be <b>scalable to 48 slots.</b>
13	Annexure – 4 Technical Specifications, 4.5 Tape Library, Point No. 13	New point added	<b>EMS shall monitor the LAN network of ICFRE. The</b>

  
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	Technical Specifications, 4.10 Enterprise Management System (EMS)		following components of LAN are to be monitored: No of 48 port switches = 35 No of 24 port switches = 69 No of 16 port switch=1 No of 12 port switch=2 Access Point =20
14	Annexure - 4 Technical Specifications, 4.10 Enterprise Management System (EMS)	New point added	View access dashboard of EMS shall be provided for 10 no. of users

  
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