



सीएसआईआर - पारंपरिक ज्ञान अंकीय पुस्तकालय इकाई
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)

CSIR - TRADITIONAL KNOWLEDGE DIGITAL LIBRARY UNIT
(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)

CORRIGENDUM

Dated: 29-01-2024

In continuation to this office advertisement through CPP Portal as Global Tender Enquiry ID 2024_CSIR_741391_1 and Tender No. 01/P-50/INFRA/02-Pur/2023/T-1 dated 12-01-2024 for the purchase of Hyperconverged infrastructure (HCI) system. In this regard in the context of the specification and allied technical details of the above equipment the following may kindly be noted. Please submit the quotation before the due date and time.

Sl. No.	Clause	Existing Parameter in bid	Modified Parameter/ Reply
1.	ATC document, Additional Terms and Conditions, Key Capability	The Proposed HCI, Replication, DR Automation and Backup solution and required Switch should be from same OEM for the ease of management and service	The Proposed HCI, Replication, DR Automation and Backup solution and required Switch should be from same OEM for the ease of management and service. In case asked features of Backup are not from same OEM, Bidder is free to define complete solution to deliver as per the requirement. HCI OEM will take the ownership and responsibilities of Integration & Support. OEM undertaking for support and integration needs to be submitted along with the technical bid, in case backup solution is from different OEM.
2.	ATC document, Additional Terms and Conditions, Storage feature	Proposed HCI appliance must be capable to Deduplicate, Compress & optimize ALL data inline, in real-time, across all storage tiers for write operation from the VMs.	Proposed HCI appliance must be capable to Deduplicate, Compress & optimize ALL data inline, in real-time, across proposed All-Flash capacity for write operation from the VMs.
3.	ATC document, Additional Terms and Conditions, Licensing	Offered solution (hardware/ software as the case may be) licensing shall be based upon the number of protected VMs. Vendor shall provide the license for 25 Protected VMs	Bidder shall offer licensing solution for 25 protected VM's as per the OEM licensing policy.
4.	ATC document, Additional Terms and	Backup & data protection functionality shall be a integral feature of Hyper-	The offered solution for backup and data protection functionality shall be a

	Conditions, Storage feature	Converge instead of a separate server / software license.	complete solution which may involve additional software.
5.	ATC document, Additional Terms and Conditions, WAN Optimization	Offered software shall also have capability to switch ON / OFF the WAN optimization technology depending upon the type of VMs or application consistent group	Offered software shall also have WAN Optimization technology.
6.	ATC document, Additional Terms and Conditions, Ransomware Protection	Offered software shall have strong mechanism for ransomware protection and shall be achieved with minimum RPO. Offered software shall have capability for creating the checkpoint at every 5 second of data protection so that customer can select the required checkpoint while restoring the files during the ransomware attack and can achieve lowest RPO. Offered software shall have capability for storing the latest data information, at-least for a month, on the faster storage devices of NV Me or SSD and remaining day information on slowest media automatically. This is to ensure that recovery from ransomware attack is really quick.	The proposed HCI solution must have a capability to quickly roll back to the point in time prior to a ransomware attack if the VM is compromised or data is damaged or ransomed, allowing the business to quickly recover. Offered software shall have capability for creating the checkpoint at every 5 second of data protection so that customer can select the required checkpoint while restoring the files during the ransomware attack and can achieve lowest RPO. Offered software shall have capability for storing the latest data information, at-least for a month, on the faster storage devices of NV Me or SSD and remaining day information on slowest media automatically. This is to ensure that recovery from ransomware attack is really quick.
7.	ATC document, Additional Terms and Conditions, Bandwidth Throttling	Offered software shall also be able to throttle the bandwidth for a specific period of time.	The provided software should possess the capability to regulate bandwidth usages for a designated time frame. The bidder may fulfill this requirement through the software solution offered.
8.	HCI Specifications Document, no of cache drives per node	0	0 or higher based on OEM Architecture
9.	HCI Specification Document, Indicate Processor Model number with Make	Intel Xeon Gold 6348R or higher	Intel Xeon Gold 6348 or higher

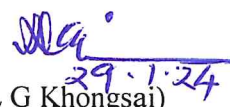
10	Additional Clauses to be included in ATC document		The virtualization licenses must be as per policy of the OEM
11	Additional Clauses to be included in ATC document		Support must be delivered in a unified way with a single support contract authorized to take support calls for both the hardware and software on the appliance.
12	Additional Clauses to be included in ATC document		<ul style="list-style-type: none"> • RPO Required is 10 Min • Bidder is required to offered solution as per Feature asked in RFP for Failover Mechanisms from DC to DR. Data Centres have enough Bandwidth available between DC & DR to meet the asked RPO & if required can be increased based on Rate of Data Change in setup. • For Replication Strategy: please offer solution as per Feature asked in RFP ATC Document.
13	Additional Clauses to be included in ATC document		<ul style="list-style-type: none"> • For speed and efficiency of the DR automation process. Please offer solution as per Feature asked in RFP ATC Document & deliver solution as asked. • Please Refer Feature asked as per ATC Document with respect to security/ data encryption/ access controls, and compliance.
14	ATC document, Additional Terms and Conditions, Long Term Retention	It shall support High speed SSD / NV Me drives enabled datastore for short-term backups (Daily and weekly).	<ul style="list-style-type: none"> • This clause is removed

There is no change in experience criteria, delivery period, eligibility of the non-local suppliers to bid and payment terms.

MII clause will stay. However, as per existing Government/purchase policies non-local suppliers shall also be eligible to bid.

All the other terms and conditions, bid submission end date & time and Bid-opening date & time remains the same.

Yours faithfully



(L G Khongsai)

Stores & Purchase Officer