

भारत सरकार  
अंतरिक्ष विभाग (अं.वि.)

क्रय एवं भंडार



GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE (DOS)  
INDIAN INSTITUTE OF REMOTE SENSING  
DEHRADUN

IIRS

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निविदा आमंत्रण  
INVITATION TO TENDER

मैसर्स  
M/s

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हमारी संदर्भ सं

Our Ref. No. GIRS 2019-000078-01

निविदा अंतिम तिथि

Tender Due at 14:00 hrs IST on 05/09/2019

महोदय

Dear Sirs,

कृपया निम्नलिखित मदों की आपूर्ति के लिए अनुलग्नक (फार्म सं. संलग्न ) में उल्लिखित निबंधन एवं शर्तों के अनुसार संलग्न निविदा प्रपत्र में वर्णनात्मक सूचीपत्र/पैम्फलेट/साहित्य सहित हमारी संदर्भ सं. एवं अंतिम तिथि (मोटे अक्षरों में) ऊपर लिखते हुए अपनी मुहरबंद निविदा प्रस्तुत करें।

Please submit your sealed quotation , in the Tender Form enclosed here along with the descriptive catalogues /pamphlets /literature ,superscribed with Our Ref.No. and Due Date for the supply of the following items as per the terms & conditions mentioned in Annexure(Form No. null )

क्र.सं. Sl. No.	विनिर्देशों सहित मद का विवरण Description of items with Specifications	इकाई Unit	मात्रा Quantity
1	Hyper Convergent Infrastructure(HCI) based solution.4 node HCI solution for VM with storage,virtualization software,server security & server log maintenance & 3 year hardware & software & service support.Specifications & compliance as per Annexure 1.	Job	1

सुपुर्दगी स्थल

Delivery At IIRS, DEHRADUN

प्रेषण की विधि

Mode of Despatch DOOR DLVRY

शुल्क छूट

Duty Exemptions

विशेष अनुदेश

Special Instructions NIL

विशेष निबंधन

Specific Terms

निविदाकारों को अनुदेश

Instructions to Tenderers

(1) Optional: Post warranty support cost for 4 years.

KALPANA R

PURS. & STORES OFFICER

भारत के राष्ट्रपति के लिए एवं ओर से  
For and on behalf of the President of India

क्रेता / The Purchaser

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**Annexure-1**

<b>Technical Specifications</b>			
<b>S.No.</b>	<b>Minimum Technical Specifications</b>	<b>Compliance Yes/No</b>	<b>Deviations/Remarks</b>
1.	The solution shall provide hyper-converged software that allows delivery of enterprise- class storage services using latest x86 server infrastructures without dependence on a separate Storage Area Network & associated component such as SAN Switches & HBAs with minimum 4 Nodes, total Memory 768 GB and expandable to 1TB.		
2.	<p><b>Per Node Requirement</b></p> <p>I. CPU Per Node is 2</p> <p>II. Network Connection Needed</p> <p>2x 10GbBase-T,</p> <p>4x 1Gb</p> <p>III. Memory – Minimum 192 GB</p>		
3.	<p><b>Storage Requirement</b></p> <p>a) Minimum installed total Storage with 56TB (raw) and it should have provision to expand the usable storage to 48TB.</p> <p>b) IOPS requirement: 16000-25000 IOPS at 70:30 Read: Write ratio on 4/8K block size not exceeding 5 ms latency or better Inclusive of Hypervisor, VM Management Software.</p> <p>c) The vendor may choose to provide 100% SSD/Flash, but no less than 15% of the storage can be SSD/Flash. The vendor must demonstrate required IOPS under all conditions during UAT. The platform should have capability to leverage SSD for required IOP achievement.</p> <p>d) Max of 15% of raw be used for Solution software. Remaining 85% of storage be available and should be equally distributed across nodes.</p>		
4.	<p><b>Processor Details for Each Node</b></p> <p>i. Latest Processor Family (Should be of min. 10 Cores) but not older than Silver 4114</p> <p>ii. Minimum Processor Base Frequency <math>\geq</math> 2.2 Ghz</p> <p>iii. Minimum Number of Total Cores Required 80</p> <p>iv. Minimum Number of Threads 32</p>		

*Amf*  
05/2/19