



# राष्ट्रीय पादप जीनोम अनुसंधान संस्थान

## (जैव प्रौद्योगिकी विभाग, विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार का स्वायत्त अनुसंधान संस्थान)

### NATIONAL INSTITUTE OF PLANT GENOME RESEARCH

(An Autonomous Institution of the Department of Biotechnology, Ministry of Science and Technology, Government of India)

अरुणा आसफ अली मार्ग, पो. बाक्स नं. 10531, नई दिल्ली-110067  
Aruna Asaf Ali Marg, Post Box Number 10531, New Delhi-110067

संख्या : 8/2018-19/रा.पा.जी.अनु.सं./एस एंड पी

दिनांक: 19/7/2018

विषय / Subject: मुहरबंद कोटेशन का निमंत्रण / Invitation of Sealed Quotations

Sealed Tenders are invited on behalf of Director, NIPGR from the Original Equipment Manufacturer or their authorized dealers for the purchase of **01 no. of Rack Server** for the laboratory of our Institute, as per the following specifications in two bid system.

#### Technical Specifications

Item	Minimum Requirement
Processors	Rack Server shall have a minimum of two (2) Intel latest generation Processors (Skylake Processors)
Chipset	Intel chipset compatible with the offered processors.
Internal Storage	The server should Support upto 24 hot-swappable SAS,NL-SAS and SSD drives .
	Support for a battery back write cache for the storage controller
	The Server RAID controller should support the following configurations RAID 0, 1, 5, 6, 10, 50, and 60
	Atleast 30TB Storage (atleast 500 GB SSD)
	Server should be configured minimum with 2GB of Flash backed write cache module.
	Must have an internal slot for SD card / Flash which supports booting hypervisors
Memory	Should have at least 24 DIMM slots per server and support minimum up to 1.5TB of DDR4 2666 MHz memory .
	The server should have 1TB Memory (or atleast 512 GB Memory)
	Support for advanced memory redundant technologies like Advanced error-correcting code (ECC) and memory mirroring.
Graphics	Nvidia K80 GPUs or higher version (Nvidia P100 GPU)
Network	Should have 2 * 1 GbE LAN on Motherboard ( LOM ) for network connectivity
	Must have a LOM ( LAN on Motherboard ) slot for 1 , 10 or 40 GbE network connectivity
	The server should support the technology of 40-Gbps unified network fabric which aggregates both the Ethernet and FC connectivity on a single controller using Low-latency, lossless, 10-Gbps Ethernet and industry-standard Fibre Channel over Ethernet (FCoE) fabric.
PCIe Slots	Up to 6 PCIe Generation 3.0 slots
Management	Should support out of band upgrades, Agentless out-of-band management, integrated diagnostics and Power monitoring and reporting.
	The server should support industry standard management protocols like IPMI v2 and SNMP v3
	One 1-Gbps RJ-45 management port
	The server should support multiple management interfaces including web user interface and command line interface.
Ports	Should have the following ports for server connectivity
	• 1 serial port • 1 2 USB 3.0/2.0 ports • 1



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	VGA video port
Others	Supports hot swappable redundant fans
	Supports hot swappable redundant power supplies
	Rail Kit and cable mangement arm to be provided along with the server
Environmental	Operating Temperature support from 41 to 91°F (5 to 35°C) and Nonoperating Temperature from -40 to 149°F (-40 to 65°C)
	Operating Humidity from 10 to 90% noncondensing at 82°F (28°C)
	Operating Altitude from 0 to 10,000 ft (0 to 3000m) and Nonoperating Altitude from 0 to 40,000 ft (0 to 12,192m)
Operating Systems Support	Microsoft Windows Server ,Red Hat Enterprise Linux (RHEL) ,SUSE Linux Enterprise Server (SLES)
Application Support	Compatibility ith CUDA Graphics Toolkit, Deep learning Application such openGL, Theano, Tensorflow, OpenNN, Intel Data Analytics Acceleration Library, Intel Math Kernel Library
Warranty	Server should have 05 years warranty
Form Factor	2U

You are therefore requested to please send your offer in **two bid system** indicating the maximum discount offered, installation charges along with a copy of authorization certificate, issued by the Principals/OEM. **The prices and taxes should be quoted separately in the Bid.** The quotations must accompany a Demand Draft amounting to ₹ 40,000/- (Rupees Forty Thousand only), being the EMD in the name of Director, NIPGR, New Delhi and must be sent in a **Sealed Envelope** duly super-scribed on top of envelope as "**Quotation for 01 no. of Rack Server**" so as to reach to the undersigned latest by **08/8/2018 (3:00 PM)**, the same shall be opened on same day at **3.30 PM**.

धन्यवाद,

(क्रय एवं भंडार अधिकारी)

Encl: Terms & Conditions (Annex – I)



## Annexure – I

### नियम और शर्तें:

- The tender document can be obtained from our Office on payment of ₹ 500/- (Rupees Five Hundred only) from 19/7/2018 to 07/8/2018 (01:00 P.M.). The tender document is also available on <https://eprocure.gov.in> and can also be downloaded free of cost from our website [www.nipgr.ac.in](http://www.nipgr.ac.in).
- Every tender shall be accompanied with the required Earnest Money Deposit in the form of Demand Draft drawn in favour of the “Director, NIPGR” payable at New Delhi. Any tender not accompanied by such earnest money will be rejected straight away.
- The rates quoted in the tender shall remain valid for a period **180** days from the date of issue of Award Letter. No tenderer can withdraw/or modify his tender or revoke the same within the said period. If a tenderer on his own withdraws or revokes the tender or revises or alters or modifies the tender for any item or condition within the period mentioned in the tender notice, his earnest money deposit shall stand forfeited. Notwithstanding foregoing, the Institute reserves the right to take other actions as deemed appropriate. In case the successful tenderer after award of acceptance of work fails to perform as per work order or violates any condition of tender, the security deposit/ performance security will be forfeited/encashed.
- NIPGR does not bind itself to accept the lowest or any tender and reserves the right to reject any or all tenders without assigning any reason.
- In two-bid system the tenders should be submitted containing (a) Technical Bid consisting of all technical details along with commercial terms and conditions and (b) Financial Bid indicating item wise price for the items mentioned in technical bid. The technical bid and financial bid should be sealed by the bidder in separate covers duly super scribed and both these covers must be put in a bigger cover which should also be sealed and duly super scribed. NIPGR will not pay any expense, whatsoever incurred by tenderer for the preparation and submission of tenders.
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- The notice inviting tender, will form part of the contract agreement to be executed by the successful tenderer with the NIPGR.
- All the correspondence on the tender shall be addressed to the Director, NIPGR, Aruna Asaf Ali Marg, New Delhi and any communication addressed to anyone else shall not in any manner be binding upon the NIPGR, Aruna Asaf Ali Marg, New Delhi.
- The tenderer shall submit a copy of PAN/TIN/GST numbers allotted to them.
- NIPGR reserves the right to change the quantities of the units while issuing the letter of award of work.
- The successful tenderer shall be required to deposit an amount equal to 10% of the Tender value as Performance Security after adjusting the Earnest Money Deposit within 10 days from the date of issue of letter of acceptance. Performance Security may be deposited in the form of Demand Draft or Bank Guarantee from State Bank of India Or any Scheduled bank which shall be valid till completion of the warranty period of quoted / ordered items. In case of violation of any condition of Tender, the Security Deposit / BG will be forfeited / revoked.
- The rates shall be inclusive of Transportation, loading, unloading, taxes etc., nothing extra will be paid.
- The supplier should be responsible for any damage and site clearance and nothing extra shall be paid.
- The bidder shall show the rate of GST and tax component in the financial bid separately. The GST shall be paid @ 5% as per GOI notification Nos. 45/2017 & 47/2017 dated 14/11/2017. The exemption certificate shall be provided at the time of placing Supply Orders.

(क्रय एवं भंडार अधिकारी)