

रामन अनुसंधान संस्थान  
**RAMAN RESEARCH INSTITUTE**

सी.वी. रामन अवेन्यू, सदाशिवनगर  
C.V. Raman Avenue, Sadashivanagar  
बेंगलूरु/ Bengaluru – 560080



जी.पि.यू. सर्वर की आपूर्ति, स्थापना, परीक्षण और  
कमीशनिंग के लिए निविदा  
**Tender for Supply, Installation, Testing &  
Commissioning of GPU Server**

**REF No: NIT-250681-GPU-2025-2026**

निविदा प्रलेख  
**TENDER DOCUMENT**  
**2025 – 2026**

**11.09.2025**

टिप्पणी : इस निविदा में भागीदारी केवल दो-बोली प्रणाली में ऑफलाइन मोड के माध्यम से होगी।  
Note : Participation for this tender is only through OFFLINE mode in Two-Bid System.



**Due date for submission of Bid: 06.10.2025, 4PM.**

**Technical Bid will be opened on 07.10.2025, 4PM.**

The Raman Research Institute invites offline Tenders for **“SITC of GPU Server”** directly from the manufacturers or their authorized agents, adhering to the specification, terms and conditions given below:

**TECHNICAL SPECIFICATION:**

| Sl. No | Item Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Qty.  | Compliance (Y/N) |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------|
| 1      | <p><b>GPU Server</b></p> <ul style="list-style-type: none"> <li>• FORM FACTOR: Rack-mount chassis with tool-less rack mount kit</li> <li>• PROCESSOR: 2 x 5<sup>th</sup> Gen or later Intel Xeon Gold or 5<sup>th</sup> Gen AMD EPYC processor with minimum 32 cores, 64 threads, base frequency of atleast 2.30GHz, atleast 128MB Cache or better</li> <li>• MEMORY CONFIGURED: 512GB DDR5 ECC RDIMM 4800MT/s in Balanced Mode or better/higher</li> <li>• RAID CONTROLLER: 12Gbps PCIe with RAID 1, 5, 6, 10, 50 with 8GB Cache</li> <li>• DISKS CONFIGURED: <ul style="list-style-type: none"> <li>▪ 2 x 1TB SSD Hot-Plug drive</li> <li>▪ 8 x 10TB Enterprise SAS Hot-plug drive</li> </ul> </li> <li>• GPU: 1 x Nvidia L40S GPU with proper cooling (* Provision to add one more GPU card)</li> <li>• ETHERNET PORTS &amp; FC PORTS: <ul style="list-style-type: none"> <li>▪ 2 x 1GbE ports</li> <li>▪ 1 x Dual-Port 10/25GbE ports</li> <li>▪ 2 x 10/25GbE SR Transceivers with compatible 2meter fiber patch cords</li> </ul> </li> <li>• POWER SUPPLY: Dual redundant Platinum rated Hot-swappable Power Supply of sufficient or higher Wattage to support two GPU cards and fully populated server</li> <li>• COOLING: High performance front-to-back airflow with redundant high- speed fans. The processors and GPU card should have suitable high performance cooling.</li> <li>• MANAGEMENT INTEGRATION: Out-of-band management (BMC)</li> <li>• WARRANTY: 5/5/5 years On-site comprehensive OEM warranty remote hardware support and NBD part replacement.</li> </ul> | 1 No. |                  |



## GENERIC:

1. The Institute is eligible to issue Central Excise Duty Exemption Certificate or Customs Duty Concession Certificate. The Institute is not eligible to issue State Goods and Service Tax/ Central Goods and Service Tax Concession Certificate.
2. The Institute reserves the right to modify the technical specification or the required quantity at any time but within one week before the due date.
3. The Institute reserves the right to reject any or all of the bids received without assigning any reason. It also reserves the right to accept an offer other than the lowest.
4. The Institute reserves the right to postpone/extend the due date for submission of the bid without assigning any reason.
5. The Institute reserves the right to call potential suppliers for technical discussions and product demonstrations.
6. Any Technical clarification required towards submission of offer may please be mailed to [purchase@rri.res.in](mailto:purchase@rri.res.in)

## ELIGIBILITY CRITERIA:

1. **Experience Criteria:** The Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for **5 years** before the bid opening date. A proof should be attached.  
Copies of relevant orders to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the primary product having highest value should meet this criterion.
2. **Manufacturer Authorization Form (MAF):** Bidder should be Original Equipment Manufacturer (OEM). In case of an authorized agent/partner/distributor service provider having a direct purchase and support agreement with OEM and/or submitting the bid on behalf of OEM, should submit a valid MAF/Certificate from OEM/ or Original Service provider to that effect.
3. Details with contact information and telephone numbers for service support of the products should be provided. Escalation matrix with contact information and telephone numbers should also be provided.
4. The bidder must NOT be blacklisted by Central Government, State Government or any Organization in India. A certificate or undertaking to this effect must be submitted.
5. The bidder should NOT be under liquidation, court receivership or similar proceedings, should NOT be bankrupt. Bidder to upload undertaking to this effect with bid.
6. I) As per the Government of India, Ministry of Commerce and Industry and Department for Promotion of Industry and Internal Trade (Public Procurement Section) Order No. P-45021/2/2017-PP (BE-II)-Part(4)Vol. II dated 19-07-2024.



- a) **The Bidder shall produce a certificate whether he/she belong to “Class – I’ and ‘Class – II supplier’ and ‘Non – Local suppliers’ with percentage of local content.**
  - b) Class – I’ and ‘Class – II supplier’ and Non – Local suppliers as classified under above mentioned Order are eligible to submit the offer. While finalizing the quotation, the instructions given in the above order shall prevail.
- II) As per the Government of India, Ministry of Finance and Department of Expenditure, Public Procurement Division – Office Memorandum No. F.No.6/18/2019-PPD dated 23.07.2020, the Institute reserves the right by order in writing, impose restrictions, including prior registration and/or screening, on procurement from bidders from a country or countries, or a class of countries, on grounds of Defense of India, or matters directly or indirectly related thereto including national security; no procurement shall be made in violation of such restrictions.

#### **SUBMISSION OF TENDER:**

1. The bids should be complete in all respects, and the details specified in this request should be adhered to and submitted **on or before the bid end date.**
2. The tender should be addressed to: **“The Administrative Officer, Raman Research Institute, C V Raman Avenue, Bengaluru-560 080.”**
3. The Tender should be submitted in three sealed covers, detailed below:-
  - a. **Cover-I: Containing Technical Bid** - This cover should be superscribed as **“Technical Bid”** along with Tender Reference Number, Due Date, and Name of the Tenderer.
  - b. **Cover-II: Containing Price Bid** - This cover should be superscribed as **“Price-Bid”** along with Tender Reference Number, Due Date, and Name of the Tenderer.
  - c. **Cover-III: Containing both the covers (Cover I & Cover II)** mentioned above shall be put in another sealed cover, i.e., Cover-III, superscribing the Tender Reference Number, Due Date, and Name of the Tenderer.
4. The **Tenders should be dropped on or before the bid end date (or any extensions to it) into the Tender Box only**, placed at the Institute Security Office at the Main Gate.

#### **EVALUATION OF BIDS:**

1. Bids should be valid for **180** days from the bid end date or any extension to it.
2. The quoted price should include P&F and Freight Charges, Insurance, Loading & Unloading Charges, etc.
3. The bids conforming to the eligibility criteria only will be considered for further evaluation.
4. The bids will be shortlisted on the basis of technical parameters, features, standards compliance of all materials and equipment used, etc.



5. For Technical evaluation, bidders have to ensure the availability of an appropriate expert, along with every type of documentation from their organization, for interacting with the Institute
6. The Financial Bids will be opened only of those technical bids found suitable and approved by our Technical Evaluation Committee.

#### TERMS & CONDITIONS:

1. The Technical Bid should contain detailed literature including compliance statement and datasheet with detailed specifications of the quoted computer and monitor. The supporting documents such as MSME, OEM Authorization Letter, Experience Certificate etc. The technical bid should not contain any financial aspect.
2. The OEM/Bidder should have support offices in Bangalore to provide prompt warranty support. Proof of having the support office with documentary evidence such as address, contact person name, number should be submitted along with Bid.
3. The OEM/Bidder shall be in the business of IT Infrastructure services in India for the last 5 years and shall have a presence PAN India. Necessary documents for this clause shall be submitted with bid.
4. The GPU Server shall be from the same OEM. Any deviation with respect to this will not be accepted. The components like Hard Disk, SSD, RAM, etc., should be original from the OEM and as per the tender specification. No change of parts to match the specification is allowed, which will void the OEM warranty.
5. OEM Motherboard should have an OEM's logo embossed. No sticker is allowed.
6. Driver software should be available for download from OEM site. OEM must have online system hardware diagnostics facility and facility to download updates of software, device drivers, and firmware on its website.
7. ***The proposed model of GPU Server should be tested for/with Linux Operating System (Preferably the latest version of Debian Linux) installation, GPU software/package installation, configuring, fine-tuning, and demonstration to be included in the scope of work.***
8. ***The Technical bid should include the make, model number, configuration, data sheet, BOM/BOQ, and Compliance Statement for all the quoted products.***
9. The bid shall be divided into two parts:
  - 1) The first part should be **"Technical"** Bid (Cover-I) containing only detailed specifications for tendered: **SITC of GPU Server, and EMD for Rs. 40,000/-**.  
The details include:
    - a) Detailed literature, including Data Sheets of quoted products.
    - b) Supporting Documents eligibility criteria, such as MSME, OEM authorization letter, and Experience certificate. etc.
    - c) **The first part (Technical Bid) shall not contain any financial aspects of the offer.**  
It shall contain only a cross-reference to the second part (Financial Bid).



- II) The Second part “**Price**” Bid – (Cover-II) shall contain detailed financial outlay with List of deliverables / Bill of materials / Bill of Quantities and services, unit price of items as in the technical bid (i.e., First Part).
10. Bidder should submit the **EMD of Rs. 40,000/- (Rupees Forty Thousand only)** along with technical bid. Payment should be by way of DD / Banker’s cheque only, drawn in favour of “**The Administrative Officer, Raman Research Institute, Bengaluru**”. No other form of payment will be accepted. The Tenders without the EMD will be rejected.
11. The MSME Units/ Enterprises claiming exemption of EMD should submit MSME UDYOG AADHAAR MEMORANDUM or registration certificate issued by District Industries Centre (DIC)/ Khadi & Industries board (KVIB)/Cair board/ National Small Industries Corporation (NSIC)/ Directorate of Handicrafts and handlooms or any other body specified by Ministry of MSME. The memorandum/certificate submitted should be for the scheduled items of this bid and shall be valid as on bid end date/ extended due date of the bid. However, MSME Unit/ Enterprises must submit a duly signed **Bid Security Declaration** in lieu of EMD as per the Form of Bid-Security Declaration.
12. The successful Bidder’s EMD will be discharged upon the Bidder furnishing the Performance Security (Bank Guarantee), without any interest.
13. The refund of EMD for unsuccessful bidders will be made through Cheque or Electronic mode within a month after finalization of bid.
14. **The EMD may be forfeited:**
- a) If a Bidder withdraws or amends or modifies or impairs or derogates their bid during the period of bid validity specified by the Bidder on the Bid form;
- OR**
- b) In case of a successful Bidder, if the Bidder fails to furnish order acceptance or fails to sign the order and/or fails to furnish Performance Bank Guarantee within 15 days from the date of issue of Contract/Order.
15. **Performance Bank Guarantee (PBG):** The bidder should provide **3%** (Three percent) of the order value in the form of a Bank Guarantee towards satisfactory performance after supply installation test and commissioning. The PBG should be valid throughout the warranty period of **Five Year plus Six months** as claim period, from the date of installation, testing and commissioning. The said PBG shall be returned/refunded to the bidder after satisfactory completion of supply, installation, testing and commissioning of goods as well as warranty period and claim period as per the terms of the Order. In case of failure to render the ordered service, either at the time of execution or during the warranty period or non-compliance of due performance of order, the PBG will be forfeited.
16. The Bidder shall not assign the Order in whole or part without obtaining the prior written consent of buyer. The Bidder shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer and the Bidder shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contract or, for and in respect of the due performance of the Order and the Bidder’s obligations there under.



17. Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Order or any part thereof by a written notice to the Bidder, if:
- a) The Bidder fails to comply with any material term of the Order.
  - b) The Bidder inform Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise become apparent.
  - c) The Bidder fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
  - d) The Bidder becomes bankrupt or goes into liquidation.
  - e) The Bidder makes a general assignment for the benefit of creditors.
  - f) A receiver is appointed for any substantial property owned by the Bidder.
  - g) The Bidder has misrepresented to Buyer, acting on which misrepresentation buyer has placed the order on the Bidder.
18. Delivery of goods should be made at our stores located on campus near Mekhri Circle, Bengaluru – 560 080, at suppliers cost and risk.
19. **Factory Test Certificates:**  
Material test certificate should be sent along with the supply. The material will be checked by buyer's lab & the results of the lab will be the sole criteria for acceptance of the Item.
20. **Warranty: Five Years Warranty.** Any replacement of defective items during warranty period is responsibility of the successful bidder. The expenditure involved like Freight Charges, Custom Duty, Insurance charges, Clearance Charges etc., is to be borne by the successful bidder. Warranty should be directly from the OEM. Specifications and warranty of the offered IT Infrastructure products should be available through serial number search / tracking on the website of the OEM.  
***The successful bidder of the OEM has to provide a self-declaration stating that, the OEM shall undertake to provide five-year back-to-back comprehensive, on-site warranty, support, software updates and firmware updates, access to the support portal for all the supplied products with its serial number.***
21. Defects, if any, during the warranty period are to be rectified free of charge by arranging free replacement wherever necessary.
22. In case the Equipment/System remains non-operational or performs below the desired level for more than One week after intimation of the fault in the Equipment/System then the Warranty period shall be extended for such downtime period for which the Equipment/System remained non-operational or performed below the desired level, without prejudice to any other terms and conditions of the Order.
23. **Payment:** 100% Payment after delivery of the goods/ material/ ordered item and acceptance & receipt of inspection report from the End-user and submission of Performance Bank Guarantee for 3% as per **point no.15**.





24. **LD Clause:** Time is the essence of this supply, delivery period mentioned in the Order should be strictly adhered to, otherwise LD clause will be applicable/enforced. All deliveries should be completed within the stipulated delivery time of the Order due date. While the Institute reserves the right not to accept delivery in part or full, beyond the due date of delivery, liquidated damages at 0.5% per every week of delay will be levied. Exceptions: Force Majeure.
25. **Post-Sales Support:**
- (i) ***As post-facto to supply, the bidder has to ensure that the product installation, configuration, testing, and commissioning should be done at the RRI Data Center.***
  - (ii) The Equipment must be supported by the service centre post-sales manned by the principal Bidder's technical support Engineers. The post-sales support through this centre must be available 24 hours in a day, 7 days in a week and 365 days in a year, also it should be possible to contact the Principal bidder's support centre on a toll-free number/ web mail.
- If Service Centre doesn't exist at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of order. Bidder/ OEM should provide the details of on-site support to be extended during the warranty period.
26. The successful bidder will have to ensure that an adequate number of dedicated technical service personnel/engineers are designated/deployed for attending to the Service Request in a time-bound manner and for ensuring Timely Servicing/rectification of defects during the warranty period, as per the Service level agreement indicated in the relevant clause of the bid.
27. All disputes, arbitration, if any, are subject to the jurisdiction of courts in Bengaluru, Karnataka, India only.





**FORM OF BID-SECURITY DECLARATION**

[The Bidder should fill in this Form on Letter Head in accordance with the instructions indicated]

To

The Administrative Officer,  
Raman Research Institute,  
C.V. Raman Avenue, Sadashivanagar,  
Bengaluru – 560 080.

Ref: Tender Ref. No. **NIT-250681-GPU-2025-2026 dated: 11.09.2025**

We, the undersigned declare that:

We know that the bid should be supported by a Bid Security Declaration in accordance with your conditions.

We hereby declare that the prices offered by us against RRI bid Document No. **NIT-250681-GPU-2025-2026 dated: 11.09.2025** for **SITC of GPU Server** will be firm for a period of 180 days or the date when the tenders are finalized, whichever is earlier.

We accept to automatically be suspended from being eligible for bidding in any order in RRI for a period of 3 years from the date of opening of Bid, if we are in breach of our obligation(s) under the bid conditions, because we:

After having been notified of the acceptance of our bid by the Contracting Authority within the period of bid validity:

- 1) We failed or refused to furnish a Performance Security in accordance with the Condition of the Bid Document No. **NIT-250681-GPU-2025-2026 dated: 11.09.2025**
- OR
- 2) We failed or refused to sign the order.

We know that this Bid – Security Declaration will expire, if order is not awarded to us, upon:

- 1) Your notification to us of the name of the successful bidder or
- 2) Twenty – eight days after the expiration of our Bid validity or any extension to it

Dated this \_\_\_\_day of\_\_\_\_\_

For and on behalf of M/s.\_\_\_\_\_

Address:

Signature

Name

In the capacity of

seal/ stamp

