INVITATION TO TENDER

M/s 00000

Our Ref. No. GIRS 2019-000072-01

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

Dear Sirs,

This invitation is for the supply of the following items as per the conditions mentioned in Annexure (Form No. null)

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description of items with Specifications</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Comprehensive maintenance of High performance Computing Cluster for 3 years. Specifications as per Annexure 1.</td>
<td>1</td>
</tr>
</tbody>
</table>

Delivery At IIRS, DEHRADUN

Mode of Despatch DOOR DLVRY

Duty Exemptions NIL

Specific Instructions NIL

Instructions to Tenderers

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KALPANA R
PURS. & STORES OFFICER
For and on behalf of the President of India

/ The Purchaser
### Details of HPC Cluster

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Master Node, Model:RX300S8 Make FUJITSU</td>
<td>2</td>
</tr>
<tr>
<td>2.</td>
<td>2 Way Compute Node Model:RX-200 S8 Make FUJITSU</td>
<td>6</td>
</tr>
<tr>
<td>3.</td>
<td>2 Way Compute Node with GPU Model:RX350S8 Make FUJITSU</td>
<td>2</td>
</tr>
<tr>
<td>4.</td>
<td>Storage Model: DX200S3 Make FUJITSU</td>
<td>1</td>
</tr>
<tr>
<td>5.</td>
<td>Gigabit Ethernet Network Switch Make/Model BROCADE/ICX6450</td>
<td>2</td>
</tr>
<tr>
<td>6.</td>
<td>FC Switch(16 Port) B300 8P, Make BROCADE</td>
<td>2</td>
</tr>
<tr>
<td>7.</td>
<td>Intelligent Power Distribution Unit(IPDU)</td>
<td>2</td>
</tr>
<tr>
<td>8.</td>
<td>Bright Cluster Manager</td>
<td>9</td>
</tr>
<tr>
<td>9.</td>
<td>RHEL for Master, Compute &amp; Storage Nodes</td>
<td>12</td>
</tr>
<tr>
<td>10.</td>
<td>Intel Cluster XE Studio (2 Floating licenses)Windows</td>
<td></td>
</tr>
<tr>
<td>11.</td>
<td>Storage Node Model:RX300 S8 Make FUJITSU</td>
<td>2</td>
</tr>
<tr>
<td>12.</td>
<td>KVM with 17” TFT Monitor</td>
<td>1</td>
</tr>
<tr>
<td>13.</td>
<td>Infiniband Switch 56Gbps, 36 Port</td>
<td>1</td>
</tr>
<tr>
<td>14.</td>
<td>Intel Cluster XE Studio (2 Floating licenses) Linix</td>
<td>1</td>
</tr>
</tbody>
</table>
Technical Terms and Conditions

1. Vendor must be OEM (Ms. Fujitsu India Private Ltd.) or any authorized partner of OEM.
2. Provide comprehensive maintenance services for 3 years for the entire existing cluster covering hardware, software, network and replacement of defective parts / components with original OEM spare. In case of non-availability of identical replacement, suitable new equivalent replacement (original spare parts) with same specifications must be supplied by the vendor.
3. Cost of all original spares that are replaced in the systems will be covered under this comprehensive Annual Maintenance Scheme.
4. Vendor must provide all support for installation of new software modules/libraries and upgradation of existing modules.
5. In case of Hard disk Replacement hard disk will not be returned as per the IIRS/ISRO data policy.
6. In case of failure of authorized partner to provide services, OEM must provide alternate arrangement within 48 hours and without any additional cost.
7. Response time for a breakdown call must be less than 3 hours and resolving time must be less than 24 hours.
8. A proper call registration system must be implemented by the vendor for managing call records.
9. Adequate numbers of spares for various hardware motherboards, Memory module, Hard-Disk Drive etc. should be in stock.
10. The vendor shall be responsible for any liability and safety of its engineers engaged by them for carrying out maintenance work at site under this contract. IIRS shall not be responsible for any injury to the service engineers due to their negligence or incompetency.
11. Periodic preventive maintenance of all the systems should be done once in a quarter (3 months) which must include regular health check-up of cluster, patch updates etc.
12. The vendor shall submit quarterly reports of summary and details of the actual services rendered to IIRS.
13. In case of failure to respond/resolve a break-down call within stipulated time a penalty at the of Rs 1000/ per hour after expiry of stipulated will be imposed on vendor.
14. Escalation matrix for call handling must be communicated by the vendor.
15. In case of continued non-performance and inability to meet functional requirements, IIRS shall reserve the right to terminate the contract after giving 15 days' notice in writing.

Signature: [Signature]
Date: [Date]
1. This is a two-part tender viz., Techno-Commercial Bid (consisting of Technical Specifications, Commercial terms & conditions etc.) and Price Bid. Hence, quotation should be submitted in separate sealed covers super-scribing “Tender No. GIRS 2019000072-01, Due on 05/09/2019 at 14:00 Hrs. (Techno-Commercial Bid)” and “Tender No. GIRS 2019000072-01, Due on 05/09/2019 at 14:00 Hrs. (Price Bid)”.

2. Both the sealed tenders (Techno commercial & Price bid) should be kept in one big cover super scribing Tender for Comprehensive maintenance of High performance Computing Cluster for 3 years. against Enquiry No. GIRS 2019000072-01, Due on 05/09/2019 at 14:00 Hrs and put in the Tender box available at Security gate IIRS, or send by post or courier within the due date & time prescribed.

3. The Techno Commercial Bid should clearly indicate the technical details, scope of supply, payment terms, delivery terms, delivery period, taxes and duties, warranty, guarantee, security deposit, performance bank guarantee etc. under separate heads. Please note that the price should NOT be indicated in the Techno-Commercial Bid.

4. Tender forms can be purchased from Purchase & Stores Section, IIRS Dehradun on all working days on payment of Rs. 560/- in the form DD drawn in favor of Pay & Account Officer, IIRS Dehradun payable at Dehradun or can be downloaded from www.iirs.gov.in. When tender forms are downloaded, DD for Rs. 560/- drawn in favor of Pay & Account Officer, IIRS Dehradun shall be attached with Technical Bid.

5. Only Techno-Commercial bid will be opened on the date of tender opening. The price Bids of those tenders whose Techno-Commercial Bids are found to be meeting our specifications/requirements will be opened. The bidders are allowed to attend the tender opening on the date and time of opening.

6. Late & delayed tenders will not be considered. Therefore, please ensure that your tender is posted well in time to reach us before the due date and time.

7. Fax/Email offers shall not be considered.

8. All the pages of your offer should be signed/initiated by competent authority and affixed with your company’s seal.

9. EMD of Rs.30,000/- to be submitted along with the Tender Bid in the form of Crossed Demand Draft drawn on any Nationalized/scheduled bank in favor of Pay & Accounts Officer, IIRS, payable at Dehradun. Quotation received without EMD will not be considered. The EMD of unsuccessful bidder will be returned after finalization of order, In order to avail of the benefits extended by Govt. of India to the Micro and Small Sectors, please submit attested copy of the valid Entrepreneur Memorandum Part-II signed by the General Manager, District Industries Centre / UdyogAdhar / NSIC Registration Certification along with your offer. As per Public Procurement Policy for MSEs, it is meant for procurement of only goods produced and services rendered by MSEs and not for any trading activities by them.

Purchase & Stores Officer
Specific terms and conditions to the tender

1. Please submit the Technical Details / Catalogue / Make / Model / Data Sheets.
2. The offer should be valid for a period of 90 days from the date of opening of Tender.
3. Please send the quotations ONLY in 'SEALED COVER' indicating our tender enquiry No. and due date by speed post so as to reach us on or before the due date & time. IIRS will not be responsible for any postal delays. Quotation may also be dropped in the tender box available in IIRS main gate.
4. E-mail / fax quotations 'WILL NOT BE ACCEPTED'.
5. Please quote the percentage of GST applicable.
6. Our standard delivery term is FOR, IIRS. In case any vendor offers delivery term of Ex-works, Packing and Forwarding charges if any should be indicated separately either as a percentage of the quoted rate or as a Lumpsum amount.
7. We are exempted from the payment of Customs Duty and necessary exemption certificate shall be issued upon request.
8. **Payment Term:** Payment will be made on quarterly basis after satisfactory completion of service within 30 days from the date of receipt of bill. The Performance Bank Guarantee for 10% of the order value to be submitted. The PBG should be valid for a period of 2 months beyond the completion of the warranty period.
9. For foreign orders our Standard Payment Term is Sight Draft.
10. **Liquidated Damages** – The delivery period quoted should be realistic. The delivery period so quoted and mentioned in the order is the essence of the order/contract. In case of delay in delivery of material as per the delivery schedule, Liquidated Damage @ 0.5% per week or part thereof on the undelivered portion subject to a maximum of 10% of the contract value shall be levied. Wherever, installation and commissioning is also involved, the supply will be deemed to have been completed only when the entire Stores is supplied, installed and accepted.
11. **Security Deposit:** Wherever the offer value is Rs. 5.00 Lakhs or above, the successful tenderer should submit Security Deposit @ 10% of the order value by way of Bank Guarantee / FD Receipt. The Bank Guarantee shall be obtained from any Scheduled Bank on Rs.200/- Non Judicial Stamp Paper and should be valid beyond 2 months from the completion of all contractual obligations.
12. In order to avail of the benefits extended to by Govt. of India to the Micro and Small Sectors, please submit attested copy of the valid Entrepreneur Memorandum Part-II signed by the General Manager, District Industries Centre / UdyogAdhar / NSIC Registration Certification along with your offer. As per Public Procurement Policy for MSEs, it is meant for procurement of only goods produced and services rendered by MSEs and not for any trading activities by them.
13. If any bidder submits forged / false document along with the tender, offer of such vendors will be summarily rejected and such bidders will be blacklisted for all future tenders.
14. Wherever samples are required to be submitted along with the quotation, offer without sample will not be considered.

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Purchase & Stores Officer