

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
2A & 2B, Raja S.C. Mullick Road, Jadavpur, Kolkata-700032

NIT No.: IACS/CCRES/ERP-Server/2022-23/46

Date: 21/11/2022

Sealed tender in two bids system (technical bid and price bid) is invited from bonafide, resourceful and eligible manufacturer/exclusive distributor/vendors for '**Supply and installation of 2 Nos. of Servers, Operating System and Virtualization software**'.

Part-I (Technical Bid) of the tender should contain technical specifications in detail as well as commercial terms and conditions. Part-II (Price Bid) should clearly indicate item-wise price, if needed, as mentioned in the technical bid. The Technical Bid and Price Bid are to be submitted in separately sealed envelopes, distinctly marked accordingly and both to be put inside another envelope, that should be sealed and super scribed with tender notice no. and due date. The bidders may submit bids duly signed in their own letterheads.

Completed tender bids should reach to the Dispatch section, IACS on or before the scheduled date and time specified below:

Tender Notice No.	NIT No. IACS/CCRES/ERP-Server/2022-23/46 Date : 21-11-2022
Last date and time of submitting Tender	December 12, 2022 at 1.00 P.M. at Dispatch Section
Pre-bid meeting to discuss Technical specifications	November 30, 2022 at 3.00 P.M.
Date and time of opening tender	December 12, 2022 at 4.00 P.M.
Place of opening Tender	I.A.C.S., Kolkata
Contact	Email: ccresrc@iacs.res.in, admap@iacs.res.in. Tel.+91 33 2473 4971 [Ext. 1176]

The technical bids will be opened first to judge/evaluate the technical specifications of the said items and thereafter the price bids of only technically qualified bidders will be opened.

Technical Bid Evaluation: The technical bids will be opened first to judge/evaluate the technical specifications of the said materials.

Opening of price-bid: The Price Bids of the bidders qualifying the technical bid will only be opened, the date and time of which will be intimated to the short-listed bidders at their email addresses. The rest of the bids will be rejected.

Please note that IACS will not provide any accommodation or reimburse any expenses to any of the bidders for attending opening of technical bid.

Quotations received incomplete or beyond the stipulated time will be summarily rejected.

1. TECHNICAL BID

The technical bid should contain technical specifications and should be kept in a separate sealed envelope duly super scribed as 'TECHNICAL BID' on the outer cover of the envelope as already detailed above. **It should be clearly mentioned on the envelope as "Technical Specification for 2 Nos. of Servers, Operating System and Virtualization software".**

1.1. Bill of materials:

Description	Quantity No
Production Server for EBS	1 No.
Server for Test Environment	1 No.
Oracle Enterprise Linux Operating System	2 Nos.
Oracle Virtualization Manager Software	2 Nos.

1.2 Technical specification:

● Production Servers for EBS

1	Form Factor/Height	2 U
2	Processors	2 nos. Intel® Gold processors with Minimum 8 cores each
3	Memory	Populated with 256 GB : Scalable up to Minimum 2 TB.
4	Expansion Slots	Minimum 6
5	Hard Disks	Minimum 3 TB usable space needed. Minimum 6 nos. SSD Disks to be provided to achieve Minimum 3 TB usable space after RAID
6	Drive Bays	Scalable up to 24. 2.5" hot-swap bays
7	HBA/RAID Support	RAID 1/0
8	Security and Availability Features	hot-swap/redundant drives, fans, and PSUs; 35°C continuous operation; diagnostic LEDs; front-access diagnostics via dedicated USB port
9	Network Interface	Minimum 2 x 1GbE LOM + 1x dedicated 1GbE management port
10	Power (Energy Star 2.0 compliant)	2x hot swap/redundant:

11	Systems Management	Standard systems management tools should be there
12	OS to be provided	Oracle Enterprise Linux
13	Virtualization software to be provided	Oracle Virtualization Manager
14	Limited Warranty	3-year customer replaceable unit and onsite service, next business day 9x5; optional service upgrades
15	Brand	Should be an established international brand
16	Local support	The Server manufacturer should have dedicated service Centre or an Authorized Support provider network in Kolkata

● Servers for Test Environment

1	Form Factor/Height	2 U
2	Processors	1 no. Intel® Gold processors with Minimum 8 core.
3	Memory	Populated with 256 GB : Scalable up to Minimum 2 TB.
4	Expansion Slots	Minimum 6
5	Hard Disks	Minimum 6 TB usable space. Minimum 6 nos. SSD Disks to be provided to achieve Minimum 6 TB usable space after RAID
6	Drive Bays	Scalable up to 24. 2.5" hot-swap bays
7	HBA/RAID Support	RAID 1/0
8	Security and Availability Features	hot-swap/redundant drives, fans, and PSUs; 35°C continuous operation; diagnostic LEDs; front-access diagnostics via dedicated USB port
9	Network Interface	Minimum 2 x 1GbE LOM + 1x dedicated 1GbE management port
10	Power (Energy Star 2.0 compliant)	2x hot swap/redundant
11	Systems Management	Standard systems management tools should be there
12	OS to be provided	Oracle Enterprise Linux
13	Virtualization software to be provided	Oracle Virtualization Manager
14	Limited Warranty	3-year customer replaceable unit and onsite service, next business day 9x5; optional service upgrades
15	Brand	Should be an established international brand
16	Local support	The Server manufacturer should have dedicated service centre or an Authorised Support provider network in Kolkata

● System Software

1	Oracle Enterprise Linux	3 years Premier Limited Support to be provided for both servers
2	Oracle Virtualization Manager	3 years Premier Limited Support to be provided for both servers

2. PRICE BID

The financial bid indicating (item-wise) price for the item(s) mentioned in the technical bid should be kept in a separate sealed envelope and should be submitted in the following format duly super scribed as 'PRICE BID' on the outer cover of the envelop as already detailed above. Price bids of only technically qualified bidders will be opened and they will be intimated the date and time of the opening of price-bid at their e-mail ids. Rest of the bidders will stand rejected.

Sr. No	Item	Quantity	Make/Model	HSN/SAC Code	Base price	Total Price(Without GST)	GST@	GST Value	Total price with GST
1	Production Server for EBS	1							
2	Server for Test Environment	1							
3	Oracle Enterprise Linux Operating System	2							
4	Oracle Virtualization Manager Software	2							

	Total GST:	Total Price:
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3. SCOPE OF WORK:

- 1) Installation of the hardware along with necessary accessories (like cables etc).
- 2) Installation of OS version 7.9 as per requirement from IACS and Application service provider.
- 3) Installation of Virtualization software as per requirement from IACS and Application service provider.

4. WARRANTY:

- i. The Comprehensive Warranty shall be for a period of 3 years from the date of satisfactory installation, testing, commissioning and handing over the equipment which covered under warranty in working order. During the Warranty period the replacement of any part(s) of the equipment or rectification of the defective product will be free of cost.
- ii. Post installation, 3 - year product warranty should reflect in the support website of the OEM.
- iii. Vendor shall make necessary arrangements for keeping the sufficient spares at site to minimize the down time.
- iv. Software updates released by the OEM should be installed by the vendor free of cost within the warranty period.
- v. Warranty should be offered directly by the OEM.
- vi. Single point of contact for all communication related with after sales and support.

5. BID SECURITY: (Declaration vide order no. F.9/4/2020-PPD dtd. November 12, 2020)

- a. An Account payee Demand Draft/Pay Order of Nationalized Bank for Rs. 30,000/- (Rupees Thirty Thousand only) drawn in favor of "Indian Association for the Cultivation of Science (State Bank of India, Jadavpur University Branch, A/C No. 11079699211, IFSC: SBIN000093, MICR Code: 700002048)" is to be furnished by the bidders except those who are registered with the Central Purchase Organizations, National Small Industries Corporation or the concerned Ministry or Department, as Bid Security money or Earnest Money Deposit (EMD). Alternatively, the Bidder shall have the option to furnish the EMD in the format of Bank Guarantee (BG).
- b. The Demand Draft for the Bid-Security should have at least about 90 (ninety) days validity period of opening of the bids.
- c. In case of non-award of the work the Bid Security money would be returned to the unsuccessful Bidders.

6. PERFORMANCE SECURITY:

An Account Payee Demand Draft on any commercial bank of India of **3% of the order value** in the name of "**Indian Association for the Cultivation of Science**" is to be furnished by the successful bidder as Performance security. Performance Security may be furnished in the form of Fixed Deposit Receipt or Bank Guarantee from a Commercial Bank. Performance security money should remain valid for a period of 60 days beyond the date of completion of all contractual obligations of the supplier including warranty obligations. Bid security money or EMD will be refunded to successful bidder on receipt of the Performance security money.

7. TERMS OF PAYMENT:

All rates should be quoted in INR only. Payment will be made 100% on successful delivery of the materials /successful installation. Partial payment against supply within scheduled delivery period will not be admissible.

8. ELIGIBILITY CRITERIA AND DOCUMENTS REQUIRED:

The following shall be the minimum eligibility criteria for selection of bidders technically

1. The Bidder should be an Original Equipment Manufacturer (OEM) or an authorized firm of reputation having sufficient expertise and experience in the subject tender with sound warranty/service support capability and authorization from Manufacturer.
2. Either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product.
3. Escalation Matrix for Service Support: Bidder & OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
4. If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
5. The tenderer should clearly mention whether they are the OEM or authorized dealer/agent of the manufacturers. In the case of dealer/distributor/agent, latest letter of authorization from the OEM specifically for this tender should be submitted along with the Technical Bid.
6. Submission of duly filled in and signed compliance certificate from Bidder are must with the Technical Bid.
7. Equipment offered must be supported with printed catalogue & description on OEM website.
8. Manufacturers / exclusive distributors / vendors should have history of supplying these type of components to this or other organizations. Availability of a list in this regard would be preferred.
9. Bidder should submit their past experience for supplying and successful installation of similar units to other research Institute/Universities/other organization in India. Please provide documentary proofs of such successful installation and project completion in last 5 financial years. Also, a compliance table (see below) must be prepared and submitted along with the technical bid.

Sr. No	Item	Tender specification	Your offered instrument specification	Extent of compliance
1	Server for EBS Production and Test			
2	Oracle Enterprise Linux Operating System			
3	Oracle Virtualization Manager Software			

10. Attested copy of Registration certificates of the firm/company and GST details should also be submitted.
11. Manufacturers or Bidder are requested to provide ISO 9001:2015.
12. Bidder should enclose copy of following documents:
 - i. Trade license.
 - ii. Company Registration certificate.
 - iii. Bid specific OEM Authorization certificate is mandatory.

- iv. GST registration certificate.
 - v. PAN GST certificate to be submitted.
 - vi. Similar 3 Purchase Order.
 - vii. Income Tax Return (for the last 3 years).
 - viii. Audited Balance Sheet (for the last 3 years).
 - ix. A list of clients where similar type of hardware and software has been installed should also be provided.
 - x. Documentary proof of Servicing facility and service engineer stationed at Kolkata.
 - xi. Documentary proof of the vendor/bidder working in this field for at least last 3 years.
 - xii. Annexure-I in letter head with company seal and sign.
13. Technical Supporting Staff – Successful bidder will have to ensure that adequate number of dedicated technical service personals /engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid. Complete details of service centres and support staff should be provided. They should have service centre in Kolkata with proper address. The details of the service centres should be provided.
 14. The OEM of the components to be quoted by the bidder should be present in the country from at least past 10 years.
 15. In case of any litigation the matter will be dealt within the jurisdiction of the High Court of Calcutta only.
 16. Products being quoted should be available as on date with the OEM and should be publicly available.
 17. The OEM for the proposed server must be in Leaders quadrant in the last two Gartner's report of "Magic Quadrant for Modular Servers" & should have been one of the top three server vendors (by market share revenue in IDC or Gartner report) in any of the previous 2 quarters.
 18. All materials to be procured should be from an OEM, which has not been acquired by other business entities for the period of last 3 years , this is to ensure dependable and continuous support as per warranty requirements and lifecycle of the product.

9. GENERAL INSTRUCTIONS

1. Validity of tender: Tender submitted should remain valid for at least six months from the date of opening the tender. Validity beyond six months from the date of opening of the tender shall be lapsed by mutual consent.
2. Incomplete and conditional tenders as well as tenders received after the due date will be summarily rejected without assigning any reasons thereof.
3. At any time prior to the bid due date, IACS may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder during pre-bid meeting, modify the bidding documents. The amendment(s) will be notified on the institute website. Prospective bidders are advised to occasionally to visit the website (www.iacs.res.in) for any amendment.
4. Only 1 representative per bidder, duly authorized, may be allowed to attend the pre-bid meeting.
5. Service facility: In Kolkata, supplier should mention their details of service setup and man powers that are responsible for after sales support. Response time should be within 24 hrs.
6. Proposed delivery schedule should be mentioned clearly.
7. Guarantee certificate, users manuals etc. are to be handed over to the user after successful commissioning of the system.
8. In the event of date being declared a closed holiday for purchaser's office, the due date for submission of bids and opening of the technical bids will be the following working day at the appointed time.
9. In case of any dispute, the decision of IACS authority shall be final and binding on the bidders.
Once the pre-bid meeting is over and issues are clarified, no query or objection or complain shall be entertained in connection with the tender. Absence of any vendors in pre-bid conference shall not be

considered as justification for making query or objection thereto. Also, non-attendance in the pre-bid meeting is not a disqualification for participating in the tenderprocess.

10. For any clarification regarding technical specifications, information etc., please send your queries to Rimi Chakraborty (ccresrc@iacs.res.in), Abhra Paul (admap@iacs.res.in).
11. The authority of IACS reserves the right to reject any or all of the tenders received without assigning any reason thereof.

Registrar