



भारतीय प्रौद्योगिकीसंस्थानमद्रासचेनै 600 036
INDIAN INSTITUTE OF TECHNOLOGY MADRAS Chennai 600 036
भंडार एवं क्रय अनुभाग
STORES & PURCHASE SECTION
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दूरभाष: (044) 2257 8285 / 8287 / 8288 / 8290 फ़ैक्स: (044) 2257 8082
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GSTIN: 33AAAAI3615G1Z6



P K Sheba Sabari
Assistant Registrar (Stores & Purchase)

Date: 25.01.2023

Tender No. IITM/SPS/Server/023/2022-23/SPL

Due Date: 15.02.2023

Dear Sir/Madam,

On behalf of the Indian Institute of Technology Madras, Tenders are invited in two bid system from Class-I local suppliers and Class II local suppliers, for

PURCHASE OF SERVER FOR ELECTRICAL ENGINEERING DEPARTMENT AT IIT MADRAS

conforming to the specifications enclosed.

No manual bids will be accepted. All tender documents including Technical and Financial bids should be submitted in **Government e-Market Place (GeM) portal through Custom Catalogue Based Bid**

1	LAST DATE for receipt of Tender	15.02.2023
	Pre-bid meeting	The Pre-bid Meeting will be conducted via Google Meet on 31.01.2023 @ 03:00 p.m. Please see the below link to join the meeting meet.google.com/uhb-jpcm-isp Prospective bidders are requested to register their participation by sending an email to adstores@iitm.ac.in , with name/designation of the representative who will attend the meeting along with queries on or before 30.01.2023.

GUIDELINES FOR TENDER SUBMISSION IN GOVERNMENT E-MARKET PLACE (GEM) PORTAL THROUGH CUSTOM CATALOGUE BASED BID

Bidders are requested to go through the GeM Handbook for instructions, preparation of bids and submission of bid.

General instructions to the Bidders:

The tenders will be received online in GeM portal through Custom Catalogue Based Bid. In the Technical Bids, the bidders are required to upload all the documents in single pdf file.

Assistance to Bidders:

Any queries relating to the process of Custom Catalogue Based Bid submission or queries related to GeM Portal, contact the portal by email helpdesk-gem@gov.in or toll free nos. **1800-419-3436 / 1800-102-3436.**

2	<p>बयाना जमा (ईएमडी) / Earnest Money Deposit (EMD)</p>	<p>i. EMD of INR 90,000 (Rupees Ninety Thousand only) should be transferred through NEFT/RTGS to the following bank account on or before due date 15.02.2023 before 2:00 p.m.</p> <p style="padding-left: 40px;"> Name : Registrar IIT Madras Bank : State Bank of India Account No. : 10620824305 Branch : IIT MADRAS IFSC CODE : SBIN0001055 </p> <p>ii. As per O.M. No.F.1/2/2022-PPD Dated 01.04.2022, the EMD will be returned to the unsuccessful Bidder(s), within 30 days after declaration of result of first stage i.e. technical evaluation etc. The EMD shall be forfeited if any Bidder withdraws the offer before finalization of the tender.</p> <p>iii. The EMD amount should not be sent through DD.</p> <p>iv. Non-submission of EMD details on or before the due date and time will result in rejection of the e-bid.</p> <p>v. As per Rule 170 of GFR 2017, exemption of EMD will be given subject to submission of undertaking by the firm seeking such exemption. Copies of relevant orders/ documents regarding such exemption should be submitted along with the tender document</p> <p>vi. The successful bidder shall submit a Performance Guarantee of 3% of the purchase order value in the form of Demand Draft / Bank Guarantee / Insurance Bond in favour of "The Registrar, IIT Madras" to be obtained from any commercial bank within 15 (fifteen) days from the date of issue of Order by IIT Madras, which would be released 60 days after the successful completion of the warranty period after the adjustment dues if any, without interest. In case of successful bidder, the EMD will be adjusted towards the Performance Guarantee on request.</p> <p>vii. The amount of EMD is liable to be forfeited, if the bidder withdraws from the offer after submission of the tender or after the acceptance of the offer and fails to remit the Performance Guarantee.</p>
3	<p>तकनीकी बोली पर मार्किंग / Marking on Technical Bid</p>	<p>i. The proof of EMD transfer, Pre-qualification Criteria (Eligibility Criteria I & II), technical specification of the item for this tender is given in Annexure A. The Bidders shall go through the pre-qualification criteria, technical specification and submit the technical bid in the proforma given in Annexure B in the tender document along with the supporting documents.</p> <p>ii. The Technical bid should be submitted in pdf format only through online (e-tender). No manual submission of bid will be entertained.</p> <p>iii. The technical bid should have the page-wise heading as "Technical Bid" and page no. in all pages with seal and signature of authorized signatory. The total no. of pages should be mentioned at the last page of the documents.</p> <p>iv. The technical bid should consist of</p> <p style="padding-left: 20px;">a) Document proof for EMD payment</p> <p style="padding-left: 20px;">b) Technical Compliance sheet as per proforma given in Annexure-B</p> <p style="padding-left: 20px;">c) Document proof for pre-qualification criteria, technical details along with catalogue / brochure and other technical, commercial terms and conditions.</p>
4	<p>वित्तीय बोली पर मार्किंग / Marking on Financial Bid</p>	<p>Financial bid should be submitted in the prescribed proforma format given in Annexure-C as per BOQ in xls format through e-tender only. No manual or other form of submission of Financial Bid will be entertained.</p>

5	<p>निविदा की तैयारी / Preparation of Tender:</p> <ul style="list-style-type: none"> • The bids should be submitted through online only in two bid system i.e. Technical Bid and Financial Bid separately. • The bidder has to submit the tender document duly signed on all pages by an authorized person and his / her full name and status shall be indicated below the signature along with official seal/stamp of the firm. Submission of wrong / forged information / document will be liable to legal action, and rejection of the bid submitted by the firm. • The bids of the agency/firm/company not in possession of valid statutory license / registrations are liable for rejection. • If any relative of the bidder is an employee of the IIT Madras, the name, designation and relationship of such employee shall be intimated to the Registrar, IIT Madras in writing while submitting the bid. • No bidder will be allowed to withdraw / alter / modify the bid during the bid validity period.
6	<p>निविदा पर हस्ताक्षर / Signing of Tender:</p> <p>The bid is liable to be rejected if complete information is not given therein or if the particulars and date (if any) asked for in the schedule to the tender are not fully filled in or not duly signed/authenticated. Specific attention is drawn to the delivery dates and terms and conditions enclosed herewith. Each page of the bids shall be duly signed with the official seal of the Bidders.</p> <p>If the bid is submitted by a firm in partnership, it shall be signed (with seal) by all the partners of the firm above their full typewritten names and current addresses. Alternatively it shall be signed by a partner holding power of attorney for the firm in which case a certified copy of the power of attorney shall accompany the bid. A certified copy of the partnership deed along with current addresses of all the partners of the firm shall also accompany the bid.</p> <p>If a limited company or a corporation makes the application, it shall be signed by a duly authorized person holding power of attorney for signing the bid, in which case a certified copy of the power of attorney shall accompany the bid. Such limited company or corporation may be required to furnish satisfactory evidence of its existence. The bidder shall also furnish a copy of the Memorandum of Articles of association duly attested by a Notary Public.</p>
7	<p>वह अवधि जिसके लिए ऑफर खुला रहेगा / Period for which the offer will remain open:</p> <p>The Tender shall remain open for acceptance/validity till: 120 days from the date of opening of the tender. However, the day up to which the offer is to remain open being declared closed holiday for the Indian Institute of Technology Madras, the offer shall remain open for acceptance till the next working day.</p>
8	<p>कीमत / Prices:</p> <ul style="list-style-type: none"> • The prices quoted should be net considering all terms & conditions and as per the technical specification mentioned in Annexure A. The prices quoted by the bidders should be inclusive of GST and other charges. • All conditional tenders will be summarily rejected. • Quote should be in INR only.
9	<p>भुगतान / Payment: 50% payment will be made only after supply of hardware as per technical specification given in Annexure-A and the balance 50% after satisfactory installation</p>
10	<p>GST: As applicable</p>
11	<p>निबंधन व शर्तें / Terms and Conditions: Failure to comply with any of the instructions stated in this document or offering unsatisfactory explanations for non-compliance will lead to rejection of offers.</p>
12	<p>सुपुर्दगी / Delivery:</p> <p>Items should be delivered and installed within 4 weeks from the date of Purchase Order. No further extension of time will be allowed. Non delivery of items will lead to cancellation of Purchase Order without any notice.</p>
13	<p>स्वीकृति का अधिकार / Right of Acceptance: IIT Madras reserves the right to reject the whole or any part of the Tender without assigning any reason or to accept them in part or full.</p>
14	<p>स्वीकृति की सूचना / Communication of Acceptance: Letter of Intimation and acceptance will be communicated by email to the successful bidder to the address indicated in the bid.</p>
15	<p>All information including selection and rejection of technical or financial bids of the prospective bidders will be communicated through CPP portal. In terms of Rule 173 (iv) of General Financial Rule 2017, the bidder shall be at liberty to question the bidding conditions, bidding process and/or rejection of bids.</p>
16	<p>बोलीदाता को इस निविदा के साथ जमा करना होगा / Bidder shall submit along with this Tender: Name and full address of the Banker & their swift code, PAN No. and GSTIN number.</p>

17	<p>क्षेत्राधिकार / Jurisdiction: All questions, disputes, or differences arising under, out of or in connection with the contract, if concluded, shall be subject to the exclusive jurisdiction at the place from which the acceptance of tender is issued.</p>
18	<p>जुर्माना & परिसमापन क्षति / Penalty & Liquidated Damages / Force Majeure: If the selected Bidder fails to complete the due performance of the contract in accordance with the terms and conditions, Institute reserves the right either to cancel the contract or to accept performance already made by the selected Bidder after imposing Penalty on Selected Bidder. A penalty will be calculated on a per week basis and on the same Rate as applicable to Liquidated Damages (LD). In case of termination of the contract, Institute reserves the right to recover an amount equal to 5% of the Contract value as Liquidated Damages for non-performance.</p> <p>Both Penalty and Liquidated Damages are independent of each other and are applied separately and concurrently. Penalty and LD are not applicable for reasons attributable to the Institute and Force Majeure. However, it is the responsibility of the selected Bidder to prove that the delay is attributable to the Institute and Force Majeure. The selected Bidder shall submit the proof authenticated by the Bidder and Institute's official that the delay is attributed to the Institute and/or Force Majeure along with the bills requesting payment.</p>
19	<p>The bidder shall certify that the tender document submitted by him / her are of the same replica of the tender document as published by IIT Madras and no corrections, additions and alterations made to the same. If any deviation is found in the same at any stage and date, the bid / contract will be rejected / terminated and actions will be initiated as per the terms and conditions of the contract / tender.</p>
20	<p>The bidder shall study the tender document, pre-qualification criteria and technical specification in detail as given in Annexure A before submitting the bid.</p>
21	<p>PRE-QUALIFICATION CRITERIA</p> <p>ELIGIBILITY CRITERIA-I</p> <ol style="list-style-type: none"> 1. The bidder shall not be from a country sharing land border with India and if the bidder is from a country sharing land border with India the bidder should have been registered with the competent authority as per orders of DIPP OM No. F. No. 6/18/2019-PPD dated 23rd July 2020, and MoCI Order No. P-45021/112/2020-PP (BE II) (E-43780) dated 24th August 2020. A declaration as per format given in Annexure – D shall be submitted with the bid. 2. Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P45021/2/2017-PP (BE II) dated 16th September 2020 and other subsequent orders issued therein, shall be eligible to bid in this tender. Declaration for Class-I / Class-II local suppliers should be submitted in the prescribed proforma format as per Annexure – E. 3. Neither the tender participating firm nor any of its partners has been blacklisted / debarred /involved / convicted in any criminal case / economic offence nor any criminal case / economic offence is pending against firm or any partner of the Firm before any Court of Law / Police. A self-declaration format given in Annexure – F. <p>ELIGIBILITY CRITERIA-II</p> <ol style="list-style-type: none"> 1. The bidding company should possess ISO certificate valid for providing IT infrastructure solutions as on the date of tender opening and copy of the certificate should be furnished as documentary evidence. 2. The bidder should be a registered firm in India and should have been in operation for more than 10 years. Certificate of Incorporation or Certificate of Registration issued by the Competent Authority should be furnished as documentary evidence. 3. The Average Annual turnover should be more than Rs.24,00,000/- (Twenty Four Lakhs) in the last three financial years i.e. 2019-20 , 2020-21 and 2021-22. The turnover should be supported by Financial Statement of Accounts (Proof of Balance Sheet, Profit and Loss a/c should be submitted) 4. The bidder should have a support Office in Chennai to provide onsite support immediately on call. Proof of established Office in Chennai should be furnished as documentary evidence. 5. The bidder should be an OEM or authorized dealer of the OEM of Servers. Necessary document proof for being the manufacturer should be provided as evidence. In case of dealer, they should furnish the respective manufacture authorization certificate from the OEM for this particular tender should be submitted by the bidder as given in Annexure-G

	<p>6. The bidder should have at least 3 years experience (2019-2020, 2020-2021 & 2021-2022) in supply, installation and commissioning of similar Server and other associated hardware for implementation to Central Government / Central PSU / Central Autonomous / reputed firms in the last three years.</p> <p style="text-align: center;">Copies of the documents listed below should be submitted as a proof for the above supply:</p> <p style="text-align: center;">A.Purchase Order B.Work Completion Certificates / Performance Certificate</p> <p>7. The Bidder should provide documentary evidence for certified Engineers from OEM for the server provided.</p>
22	<p>बोलियों की संख्या और उनका प्रस्तुतीकरण / Number of Bids and their Submission: The bidders should submit the bids in two bid system as detailed below:</p> <p>Bid I Technical Bid The technical bid should consist of proof of EMD transfer, Pre-qualification Criteria (Eligibility Criteria I & II) and technical specification compliance sheet (proforma given in Annexure-B) along with all relevant documents proof.</p> <p>The bidder should go through the Pre-qualification Criteria (Eligibility Criteria I & II) and technical specification given in Annexure-A of the tender document, understand the requirement of IITM and submit their technical bid along with all relevant document proof in the proforma given in Annexure-B.</p> <p>Bid II Financial Bid The financial bid should be submitted in excel format (BOQ) as per the proforma (Annexure C) and upload it in the e-Tenders website. The Quoted price should be inclusive of all cost at IIT Madras.</p>
23	<p>Evaluation of Bids: Bid Evaluation will take place in two stages.</p> <p>Stage I: Technical Bid evaluation</p> <ol style="list-style-type: none"> 1. The Bidder will be evaluated first for conformity with Pre-qualification Criteria (Eligibility Criteria-I) and those bidders who have complied with Eligibility Criteria-I will alone be evaluated further. 2. In the 2nd stage, Pre-qualification Criteria (Eligibility Criteria-II) and the details of technical specification offered by the bidders will be evaluated by the technical committee for compliance. Only those bidders who have fully complied with Pre-qualification Criteria (Eligibility Criteria-I & II) and technical specification will be considered for opening of financial bid. <p>Stage II: Financial Bid Evaluation The Lowest financial bid among those who have qualified in the Technical bid evaluation will be declared as successful bidder (L1) and the order will be awarded to successful bidder (L1).</p>
24	<p>सफल बोलीदाता का चयन और आदेश प्रदान करना / Selection of successful bidder and Award of Order The order will be directly awarded to the technically qualified bidder as per the condition in para 3A of DIPP, MoCI Order No. 45021/2/2017-PP (BE II) dated 16th September 2020 and other subsequent orders issued therein</p>
25	<p>Clarification to the queries and doubts raised by the bidders will be issued as a corrigendum/addendum in the Institute Website (tenders.iitm.ac.in) / GeM Portal. For the bidders, submitting bids on downloaded tender document, it is 'bidders' responsibility to check for any amendment/corrigendum on the website of IIT Madras / check for the same GeM Portal before submitting their duly completed bids.</p>
26	<p>Bidders will not be entertained to participate in opening of Bids, since the tender is e-tender. The opening of the bids may be checked using the respective logins of the bidders.</p>

Sd/-

**Assistant Registrar
Stores & Purchase**

ACKNOWLEDGEMENT

It is hereby acknowledged that I/We have gone through all the points listed under “Pre-qualification criteria, Technical Specification, Guidelines, Terms and Conditions” of tender document. I/We totally understand the terms and conditions and agree to abide by the same. In case, if the above information is found false, I/We are fully aware that the tender /order will be rejected / cancelled by IIT Madras.

**SIGNATURE OF BIDDER ALONG WITH
SEAL OF THE COMPANY WITH DATE**

PURCHASE OF SERVER FOR ELECTRICAL ENGINEERING DEPARTMENT AT IIT MADRAS

Tender No. IITM/SPS/Server/023/2022-23

SCHEDULE

Name of Organization	Indian Institute of Technology Madras
Tender Type (Open/Limited/EOI/Auction/Single)	OPEN
Tender Category (Services/Goods/Works)	Goods/Services
Type/Form of Contract (Work/Supply/Auction/ Service/ Buy/ Empanelment/ Sell)	Supply/Service
Product Category (Civil Works/Electrical Works/Fleet Management/Computer Systems)	Server
Source of Fund (Institute/Project)	IIT Madras
Is Multi Currency Allowed	No
Date of Issue/Publishing	25.01.2023
Document Download Start Date	25.01.2023
Document Download End Date	15.02.2023
Pre-Bidding	31.01.2023 @ 03.00 p.m.
No. of Covers (1/2/3/4)	2
Bid Validity days (180/120/90/60/30)	120 Days
Address for Communication	<p><u>For Technical Related Queries</u> Head of the Department, Department of Electrical Engineering Department IIT Madras, Chennai 600 036 Phone No. 044 2257 4401 Email: eehead@iitm.ac.in</p> <p><u>For General Queries</u> The Assistant Registrar Stores & Purchase Section IIT Madras Chennai – 600 036 Phone No. 044 2257 8287/8290 Email: adstores@iitm.ac.in</p>
Contact No.	For Queries : 044- 2257 8287/8288 044-2257 4401

PURCHASE OF SERVER FOR ELECTRICAL ENGINEERING DEPARTMENT AT IIT MADRAS

Tender No. IITM/SPS/Server/023/2022-23

PRE-QUALIFICATION CRITERIA

ELIGIBILITY CRITERIA-I

1. The bidder shall not be from a country sharing land border with India and if the bidder is from a country sharing land border with India the bidder should have been registered with the competent authority as per orders of DIPP OM No. F. No. 6/18/2019-PPD dated 23rd July 2020, and MoCI Order No. P-45021/112/2020-PP (BE II) (E-43780) dated 24th August 2020. A declaration as per format given in **Annexure – D** shall be submitted with the bid.
2. Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P45021/2/2017-PP (BE II) dated 16th September 2020 and other subsequent orders issued therein, shall be eligible to bid in this tender. Declaration for Class-I / Class-II local suppliers should be submitted in the prescribed proforma format as per **Annexure – E**.
3. Neither the tender participating firm nor any of its partners has been blacklisted / debarred /involved / convicted in any criminal case / economic offence nor any criminal case / economic offence is pending against firm or any partner of the Firm before any Court of Law / Police. A self-declaration format given in **Annexure – F**.

ELIGIBILITY CRITERIA-II

1. The bidding company should possess ISO certificate valid for providing IT infrastructure solutions as on the date of tender opening and copy of the certificate should be furnished as documentary evidence.
2. The bidder should be a registered firm in India and should have been in operation for more than 10 years. Certificate of Incorporation or Certificate of Registration issued by the Competent Authority should be furnished as documentary evidence.
3. The Average Annual turnover should be more than Rs.24,00,000/- (Twenty Four Lakhs) in the last three financial years i.e. 2019-20 , 2020-21 and 2021-22. The turnover should be supported by Financial Statement of Accounts (Proof of Balance Sheet, Profit and Loss a/c should be submitted)
4. The bidder should have a support Office in Chennai to provide onsite support immediately on call. Proof of established Office in Chennai should be furnished as documentary evidence.
5. The bidder should be an OEM or authorized dealer of the OEM of Servers. Necessary document proof for being the manufacturer should be provided as evidence. In case of dealer, they should furnish the respective manufacture authorization certificate from the OEM for this particular tender should be submitted by the bidder as given in **Annexure**
6. The bidder should have at least 3 years experience (2019-2020, 2020-2021 & 2021-2022) in supply, installation and commissioning of similar Server and other associated hardware for implementation to Central Government / Central PSU / Central Autonomous / reputed firms in the last three years.

Copies of the documents listed below should be submitted as a proof for the above supply:

- A . Purchase Order
- B. Work Completion Certificates / Performance Certificate

7. The Bidder should provide documentary evidence for certified Engineers from OEM for the solution provided.

TECHNICAL SPECIFICATION

#	Component	Description
1	Make & Model	(Specify)
2	Form Factor	2U rack mounted with sliding rails
3	Configured CPU	2x Intel Xeon Platinum 8358 2.6G, 32C/64T, 11.2GT/s, 48M Cache, Turbo, HT (250W) DDR4-3200
4	Memory slots	32 DDR4 DIMM slots supporting speeds up to 3200 MT/s
5	Memory configured	16 x 64 GB
6	Disks supported	2.5" Chassis with up to 24 HDDS (SAS/SATA)
7	RAID Controller	8GB Cache with RAID 0,1,5,6,10
8	Disks configured	5 x 960GB Data Center NVMe Read Intensive Drive without Raid option & 2 x 480GB SSD SATA Mix Use 6Gbps 512 2.5in Hot-plug AG Drive, 3 DWPD,
9	M.2 Drives	No M.2 Drives
10	DVD writer	No Dvd Drive
11	I/O slots	6x8, 2x16 slots
12	Ethernet ports	1x Dual port 1G Copper + 1 x dual port 10G copper
13	Grpahics	Inbuilt Graphics
14	OS configured	No OS
15	Vmware License	No Vmware License
16	Certification and compliances	Microsoft Windows Server, Hyper-V, VMWare, Red Hat Enterprise Linux (RHEL), SUSE Linux Enterprise Server (SLES)
17	Power Supply	Platinum rated redundant Power Supply
18	Management integration	Support for integration with Microsoft System Center, VMware vCenter, BMC Software
19	Power & temperature	Real-time power meter, graphing, thresholds, alerts & capping with historical power counters. Temperature monitoring & graphing. Capable to support peak excursion temperature rating of 45 Deg C
20	Pre-failure alert	Should provide predictive failure monitoring & proactive alerts of actual or impending component failure for fan, power supply, memory, CPU, RAID, NIC, HDD
21	Configuration & management	<ul style="list-style-type: none"> • Real-time out-of-band hardware performance monitoring & alerting • Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health • Out-of-band hardware & firmware inventory • Zero-touch auto configuration to auto deploy a baseline server configuration profile
		<ul style="list-style-type: none"> • Automated hardware configuration and Operating System deployment to multiple servers • Zero-touch repository manager and self-updating firmware system • Virtual IO management / stateless computing • Support for Redfish API for simple and secure management of scalable platform hardware

#	Component	Description
22	LCD panel	Should display system ID, status information and system error error code followed by descriptive text. LCD background should light up in different colours during normal system operation & error conditions.
23	HTML5 support	HTML5 support for virtual console & virtual media without using Java or ActiveX plugins
24	Sub-component quality assurance	All subcomponents quoted within the server should be from the same OEM & integrated in the factory (excluding devices like monitor, keyboard & mouse)
25	Server security	Should have a cyber resilient architecture for a hardened server design for protection, detection & recovery from cyber attacks
		Should protect against firmware which executes before the OS boots
		Should provide effective protection, reliable detection & rapid recovery using: <ul style="list-style-type: none"> - Silicon-based Hardware Root of Trust - Signed firmware updates - Secure default passwords - Configuration and firmware drift detection - Persistent event logging including user activity - Secure alerting - Automatic BIOS recovery - Rapid OS recovery - System erase
		Configuration upgrades should be only with cryptographically signed firmware and software
		Should provide system lockdown feature to prevent change (or "drift") in system firmware image(s) & prevent malicious modification of server firmware
26	Intrusion alert	Intrusion alert in case chassis cover being opened
27	Warranty	3 years On-site comprehensive warranty with 24x7x365

PROFORMA FOR TECHNICAL COMPLIANCE SHEET**PURCHASE OF SERVER FOR ELECTRICAL ENGINEERING DEPARTMENT AT IIT MADRAS**

Tender No. IITM/SPS/Server/023/2022-23

1. PRE-QUALIFICATION CRITERIA

S. No.	PRE-QUALIFICATION CRITERIA	Compliance (Yes / No)	Reference Page No.
	Eligibility Criteria-I		
1	The bidder shall not be from a country sharing land border with India and if the bidder is from a country sharing land border with India the bidder should have been registered with the competent authority as per orders of DIPP OM No. F. No. 6/18/2019-PPD dated 23rd July 2020, and MoCI Order No. P-45021/112/2020-PP (BE II) (E-43780) dated 24th August 2020. A declaration as per format given in Annexure – D shall be submitted with the bid.		
2	Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P45021/2/2017-PP (BE II) dated 16th September 2020 and other subsequent orders issued therein, shall be eligible to bid in this tender. Declaration for Class-I / Class-II local suppliers should be submitted in the prescribed proforma format as per Annexure – E .		
3	Neither the tender participating firm nor any of its partner has been blacklisted / debarred /involved / convicted in any criminal case / economic offence nor any criminal case / economic offence is pending against firm or any partner of the Firm before any Court of Law / Police. A self-declaration format given in Annexure – F .		
	Eligibility Criteria-II		
1	The bidding company should possess ISO certificate valid for providing IT infrastructure solutions as on the date of tender opening and copy of the certificate should be furnished as documentary evidence.		
2	The bidder should be a registered firm in India and should have been in operation for more than 10 years. Certificate of Incorporation or Certificate of Registration issued by the Competent Authority should be furnished as documentary evidence.		
3	The Average Annual turnover should be more than Rs.24,00,000/- (Twenty Four Lakhs) in the last three financial years i.e. 2019-20 , 2020-21 and 2021-22. The turnover should be supported by Financial Statement of Accounts (Proof of Balance Sheet, Profit and Loss a/c should be submitted)		
4	The bidder should have a support Office in Chennai to provide onsite support immediately on call. Proof of established Office in Chennai should be furnished as documentary evidence.		
5	The bidder should be an OEM or authorized dealer of the OEM of Servers. Necessary document proof for being the manufacturer should be provided as evidence. In case of dealer, they should furnish the respective manufacture authorization certificate from the OEM for this particular tender should be submitted by the bidder as given in Annexure-G		

6	<p>The bidder should have at least 3 years experience (2019-2020, 2020-2021 & 2021-2022) in supply, installation and commissioning of similar Server and other associated hardware for implementation to Central Government / Central PSU / Central Autonomous / reputed firms in the last three years.</p> <p>Copies of the documents listed below should be submitted as a proof for the above supply:</p> <p>A.Purchase Order B.Work Completion Certificates / Performance Certificate</p>		
7	<p>The Bidder should provide documentary evidence for certified Engineers from OEM for the solution provided.</p>		

2. TECHNICAL SPECIFICATION

#	Component	Description	Complied (Yes/No)	Reference Page No.
1	Make & Model	(Specify)		
2	Form Factor	2U rack mounted with sliding rails		
3	Configured CPU	2x Intel Xeon Platinum 8358 2.6G, 32C/64T, 11.2GT/s, 48M Cache, Turbo, HT (250W) DDR4-3200		
4	Memory slots	32 DDR4 DIMM slots supporting speeds up to 3200 MT/s		
5	Memory configured	16 x 64 GB		
6	Disks supported	2.5" Chassis with up to 24 HDDS (SAS/SATA)		
7	RAID Controller	8GB Cache with RAID 0,1,5,6,10		
8	Disks configured	5 x 960GB Data Center NVMe Read Intensive Drive without Raid option & 2 x 480GB SSD SATA Mix Use 6Gbps 512 2.5in Hot-plug AG Drive, 3 DWPD,		
9	M.2 Drives	No M.2 Drives		
10	DVD writer	No Dvd Drive		
11	I/O slots	6x8, 2x16 slots		
12	Ethernet ports	1x Dual port 1G Copper + 1 x dual port 10G copper		
13	Grpahics	Inbuilt Graphics		
14	OS configured	No OS		
15	Vmware License	No Vmware License		
16	Certification and compliances	Microsoft Windows Server, Hyper-V, VMWare, Red Hat Enterprise Linux (RHEL), SUSE Linux Enterprise Server (SLES)		
17	Power Supply	Platinum rated redundant Power Supply		
18	Management integration	Support for integration with Microsoft System Center, VMware vCenter, BMC Software		
19	Power & temperature	Real-time power meter, graphing, thresholds, alerts & capping with historical power counters. Temperature monitoring & graphing. Capable to support peak excursion temperature rating of 45 Deg C		
20	Pre-failure alert	Should provide predictive failure monitoring & proactive alerts of actual or impending component failure for fan, power supply, memory, CPU, RAID, NIC, HDD		

#	Component	Description	Complied	Reference Page No.
			(Yes/No)	
21	Configuration & management	<ul style="list-style-type: none"> • Real-time out-of-band hardware performance monitoring & alerting • Agent-free monitoring, driver updates & configuration, power monitoring & capping, RAID management, external storage management, monitoring of FC, HBA & CNA & system health • Out-of-band hardware & firmware inventory • Zero-touch auto configuration to auto deploy a baseline server configuration profile 		
		<ul style="list-style-type: none"> • Automated hardware configuration and Operating System deployment to multiple servers • Zero-touch repository manager and self-updating firmware system • Virtual IO management / stateless computing • Support for Redfish API for simple and secure management of scalable platform hardware 		
22	LCD panel	Should display system ID, status information and system error error code followed by descriptive text. LCD background should light up in different colours during normal system operation & error conditions.		
23	HTML5 support	HTML5 support for virtual console & virtual media without using Java or ActiveX plugins		
24	Sub-component quality assurance	All subcomponents quoted within the server should be from the same OEM & integrated in the factory (excluding devices like monitor, keyboard & mouse)		
25	Server security	Should have a cyber resilient architecture for a hardened server design for protection, detection & recovery from cyber attacks		
		Should protect against firmware which executes before the OS boots		
		Should provide effective protection, reliable detection & rapid recovery using: <ul style="list-style-type: none"> - Silicon-based Hardware Root of Trust - Signed firmware updates - Secure default passwords - Configuration and firmware drift detection - Persistent event logging including user activity - Secure alerting - Automatic BIOS recovery - Rapid OS recovery - System erase 		
		Configuration upgrades should be only with cryptographically signed firmware and software		
		Should provide system lockdown feature to prevent change (or "drift") in system firmware image(s) & prevent malicious modification of server firmware		
26	Intrusion alert	Intrusion alert in case chassis cover being opened		
27	Warranty	3 years On-site comprehensive warranty with 24x7x365		

*** Reference page number is mandatory and should be mentioned in the technical compliance**

SIGNATURE OF BIDDER ALONG WITH SEAL OF THE COMPANY WITH DATE

PROFORMA FOR FINANCIAL BID (BoQ)**PURCHASE OF SERVER FOR ELECTRICAL ENGINEERING DEPARTMENT AT IIT MADRAS**

Tender No. IITM/SPS/Server/023/2022-23

Sl.No.	Item Description	Qty.	Unit Rate (in INR)	GST (in %)	Total Amount with GST (in INR)
1	Purchase of Server for Electrical Engineering Department at IIT Madras as per technical specification mentioned in Annexure-A	1 No.			
GRAND TOTAL**					

NOTE:

** The rate should be inclusive of in supply, installation and commissioning of Server and other associated hardware.

Place:

Date:

Signature of the Bidder

Name & Address of the
Bidder with Office Stamp

(To be given on the letter head of the bidder)

Tender No. IITM/SPS/Server/023/2022-23

Dated: _____

CERTIFICATE

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and hereby certify that I am not from such a country.

(OR)

(Bidders from Country which shares a land border with India)

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and hereby certify that I am from _____ (Name of Country) and have registered with the Competent Authority. I also certify that I fulfil all the requirements in this regard and am eligible to be considered. *(Copy/ evidence of valid registration by the Competent Authority is to be attached)*

Place:
Date:

Signature of the Bidder
Name and Address of the
Bidder with Office Stamp

**FORMAT FOR AFFIDAVIT OF SELF-CERTIFICATION UNDER PUBLIC PROCUREMENT POLICY
(PREFERENCE TO MAKE IN INDIA) 2017**

Tender Reference Number: IITM/SPS/Server/023/2022-23

Name of the item/ Service: Purchase of Server for Electrical Engineering Department at IIT Madras

Date: _____

I/We _____ S/o, D/o, W/o, _____

Resident of _____

hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) Policy vide Gol Order no. P-45021/2/2017-PP (B.E.-II) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019 and 04.06.2020) MOCI order No. 45021/2/2017-PP (BE II) Dt.16th September 2020 & P- 45021/102/2019-BE-II-Part(1) (E-50310) Dt.4th March 2021 and any subsequent modifications/Amendments, if any and

That the local content for all inputs which constitute the said item/service/work has been verified by me and I am responsible for the correctness of the claims made therein.

Tick (✓) and Fill the Appropriate Category	
<input type="checkbox"/>	I/We _____ [name of the supplier] hereby confirm in respect of quoted items that Local Content is equal to or more than 50% and come under “Class-I Local Supplier” category.
<input type="checkbox"/>	I/We _____ [name of the supplier] hereby confirm in respect of quoted items that Local Content is equal to or more than 20% but less than 50% and come under “Class-II Local Supplier” category.

The details of the location (s) at which the local value addition is made and the proportionate value of local content in percentage

Percentage of Local content : _____ %**

Location at which value addition done : _____

For and on behalf of..... (Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)

<Insert Name, Designation and Contact No.>

[Note: In case of procurement for a value in excess of Rs. 10 Crores, the bidders shall provide this certificate from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.]

This letter should be on the letterhead of the quoting firm and should be signed by a competent authority.

** Services such as transportation, insurance, installation, commissioning, and training and after sales service support like AMC/CMC cannot be claimed as local value addition

(To be given on the letter head of the bidder)

Self-Declaration that the Service Provider has not been Black listed
Tender No. IITM/SPS/Server/023/2022-23

I S/o
R/o police station District Director
/ partner/ sole proprietor (Strike out whichever is not applicable) of
..... (Firm or Company) do hereby declare and solemnly affirm:

- I. That the Firm has not been Blacklisted or declared insolvent by any of the Union or State Government / Organization.
- II. That none of the individual / firm / Company Blacklisted or any partners or shareholder thereof has any connection directly or indirectly with or has any subsistence interest in the deponent business / firm company.
- III. That neither the Firm nor any of its partner has been involved / convicted in any criminal case / economic offence nor any criminal case / economic offence is pending against firm or any partner of the Firm before any Court of Law / Police.

Place:
Date:

Signature of the Tenderer
Name & Address of the
Tenderer with Office Stamp

OEM CERTIFICATION FORM

(in Original Letter Head of OEM)

Tender No:

Dated:

We are Original Equipment Manufacturers (OEM) of..... (Name of the company)

Ms..... (Name of the vendor) is one of our Distributors/Dealers/Resellers/Partners (tick one) for the and is participating in the above mentioned tender by offering our product model.....(Name of the product with model number).

..... is authorized to bid, sell and provide service support warranty for our product as mentioned above.

Name and Signature of the authorized

Signatory of OEM along with

Seal of the company with Date