

	<p>भारतीय प्रौद्योगिकीसंस्थानमद्रासचेन्ने 600 036 <b>INDIAN INSTITUTE OF TECHNOLOGY MADRAS Chennai 600 036</b> भंडार एवं क्रय अनुभाग <b>STORES &amp; PURCHASE SECTION</b> Email: <a href="mailto:adstores@iitm.ac.in">adstores@iitm.ac.in</a> दूरभाष: (044) 2257 8285 / 8287 / 8288 / 8290 फ़ैक्स: (044) 2257 8082 Telephone : (044) 2257 8285/8287/8288/8290 FAX: (044) 2257 8082 GSTIN: 33AAAAI3615G1Z6</p>	
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**P K SHEBA SABARI**  
*Assistant Registrar (Stores & Purchase)*

Tender No. IITM/SPS/WF server/011/2023-24/SPL

Date: 04.07.2023

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

**SUPPLY AND INSTALLATION OF 3 NOS. SERVERS ON BUYBACK BASIS**

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 BoQ Based Bid**

**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](mailto:helpdesk-gem@gov.in) or toll free nos. **1800-419-3436 / 1800-102-3436.**

**निविदा के निबंधन व शर्तें / TERMS AND CONDITIONS OF TENDER**

2	<p><b>बयाना जमा (ईएमडी) / Earnest Money Deposit (EMD)</b></p>	<p>i. <b>EMD of INR 1,20,000 (Rupees one lakh and twenty thousand only) should be transferred through NEFT/RTGS to the following bank account on or before due date 25.07.2023 before 2:00 p.m.</b></p> <p align="center"> <b>Name : Registrar IIT Madras</b>  <b>Bank : State Bank of India</b>  <b>Account No. : 10620824305</b>  <b>Branch : IIT MADRAS</b>  <b>IFSC CODE : SBIN0001055</b> </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 <b>should not be sent through DD.</b></p> <p>iv. <b>Non-submission of EMD details on or before the due date and time will result in rejection of the e-bid.</b></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>The successful bidder shall submit a Performance Guarantee of 3% of the purchase order value by way of DD/Bank Guarantee/FDR/ Insurance surety bonds 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.</p> <p>In case of successful bidder, the EMD will be adjusted towards the Performance Guarantee on request.</p> <p>vi. The amount of EMD is liable to be forfeited if the bidder withdraws the offers after submission of the tender or after the occupation of the offer and fails to remit the Performance Guarantee.</p>
3	<p><b>तकनीकी बोली पर मार्किंग /Marking on Technical Bid</b></p>	<p>i. The pre-qualification criteria, technical specification of the item for this tender is given in <b>Annexure A</b>. The Bidders shall go through the pre-qualification criteria, technical specification and submit the technical bid in the proforma given in <b>Annexure B</b> in the tender document along with the supporting documents.</p> <p>ii. The Technical bid should be submitted <b>in pdf format only through online (e-tender). No manual submission of bid will be entertained.</b></p> <p>iii. The technical bid should have the page-wise <b>heading as "Technical Bid" and page no.</b> 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> <ol style="list-style-type: none"> <li>Document proof for EMD payment</li> <li>Technical Compliance sheet as per proforma given in Annexure-B</li> <li>Document proof for pre-qualification criteria, technical details along with catalogue / brochure and other technical, commercial terms and conditions.</li> </ol>
4	<p><b>वित्तीय बोली पर मार्किंग / Marking on Financial Bid</b></p>	<p>Financial bid should be submitted in the prescribed proforma format given in <b>Annexure- C</b> through GeM portal. <b>No manual or other form of submission of Financial Bid will be entertained.</b></p>

5	<p><b>निविदा की तैयारी / Preparation of Tender:</b></p> <ul style="list-style-type: none"> <li>• The bids should be submitted through online only in two bid system i.e. Technical Bid and Financial Bid separately.</li> <li>• 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.</li> <li>• The bids of the agency/firm/company not in possession of valid statutory license / registrations are liable for rejection.</li> <li>• 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.</li> <li>• No bidder will be allowed to withdraw / alter / modify the bid during the bid validity period.</li> </ul>
6	<p><b>निविदा पर हस्ताक्षर / Signing of Tender:</b></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. <b>Each page of the bids shall be duly signed with the official seal of the Bidders.</b></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><b>वह अवधि जिसके लिए ऑफर खुला रहेगा / Period for which the offer will remain open:</b></p> <p>The Tender shall remain open for acceptance/validity till: <b>120 days from the date of opening of the tender.</b> 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><b>कीमत / Prices:</b></p> <ul style="list-style-type: none"> <li>• The prices quoted should be net considering all terms &amp; conditions and as per the technical specification mentioned in <b>Annexure A. The prices quoted by the bidders should be inclusive of GST and other charges.</b></li> <li>• All conditional tenders will be summarily rejected.</li> <li>• Quote should be in <b>INR only.</b></li> </ul>
9	<p><b>आपूर्ति के लिए कोई अग्रिम भुगतान नहीं किया जाएगा / No Advance Payment will be made. Payment will be made only after supply and satisfactory installation</b></p>
10	<p><b>निबंधन व शर्तें / Terms and Conditions:</b></p> <p>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>
11	<p><b>सुपुर्दगी / Delivery:</b></p> <p>Items should be delivered and installed within <b>3 weeks</b> 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>

12	स्वीकृति का अधिकार / <b>Right of Acceptance:</b> 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.
13	स्वीकृति की सूचना / <b>Communication of Acceptance:</b> Letter of Intimation and acceptance will be communicated by email to the successful bidder to the address indicated in the bid.
14	बोलीदाता को इस निविदा के साथ जमा करना होगा / <b>Bidder shall submit along with this Tender:</b> Name and full address of the Banker & their swift code, PAN No. and GSTIN number.
15	<b>क्षेत्राधिकार / Jurisdiction:</b> 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.
16	<b>जुर्माना &amp; परिसमापन क्षति / Penalty &amp; Liquidated Damages / Force Majeure:</b> 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.  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.
17	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.
18	<b>Pre-Qualification Criteria:</b>  <b>Eligibility Criteria I</b> 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 <b>Annexure – D</b> 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 <b>Annexure – E</b> .  <b>Eligibility Criteria II</b> 1. 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 <b>pending</b> against firm or any partner of the Firm before any Court of Law / Police. A self-declaration format given in <b>Annexure – F</b> . 2. The bidders should be an Original Equipment Manufacturer (OEM) or authorized supplier of OEM. Necessary OEM certificate/OEM authorization letter for this particular tender should be submitted by the bidder as given in <b>Annexure-G</b> . 3. Annual turnover should be at least Rs.85 Lakhs aggregate in the past three financial years i.e. 2019-2020, 2020-2021 and 2021-2022 (Financial statements / certificates issued by Chartered Accountant should be submitted as proof). 4. The bidder should have experience in supply and installation of Servers to Government Organization / PSU / Autonomous Body in the last three years (2021, 2022 and 2023). Copy of Purchase Order and Performance certificate for the above order should be submitted along with bid.

	<p>5. The bidder should have a service centre in Chennai for service support. Proof of Office in Chennai should be furnished as documentary evidence (such as valid rental agreement / registration certificate / Certificate of Incorporation etc.)</p> <p>6. Price should be quoted separately for buyback of existing 3 Nos. of Servers with the following specification (Bidder may visit P.G. Senapathy Centre for Computer Resources, IIT Madras if required during working days (Mon-Fri) from 04.07.2023 to 20.07.2023 between 10am and 5pm to appraise the existing Servers).</p> <table border="1" data-bbox="373 376 1337 510"> <thead> <tr> <th>S No</th> <th>Make</th> <th>Model</th> <th>Service Tag</th> <th>HDD</th> <th>RAM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>DELL</td> <td>Power Edge T630</td> <td>8BTP252</td> <td>4x600 GB</td> <td>64 GB</td> </tr> <tr> <td>2</td> <td>DELL</td> <td>Power Edge T630</td> <td>J8TP252</td> <td>4x600 GB</td> <td>64 GB</td> </tr> <tr> <td>3</td> <td>DELL</td> <td>Power Edge R630</td> <td>7DH3T72</td> <td>4x600 GB</td> <td>64 GB</td> </tr> </tbody> </table>	S No	Make	Model	Service Tag	HDD	RAM	1	DELL	Power Edge T630	8BTP252	4x600 GB	64 GB	2	DELL	Power Edge T630	J8TP252	4x600 GB	64 GB	3	DELL	Power Edge R630	7DH3T72	4x600 GB	64 GB
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19	<p><b>बोलियों की संख्या और उनका प्रस्तुतीकरण / Number of Bids and their Submission:</b> The bidders should submit the bids in two bid system as detailed below:</p> <p><b>Bid I Technical Bid</b> The technical bid should consist of proof of EMD transfer, Pre-Qualification Criteria (Eligibility Criteria I &amp; Eligibility Criteria II) and technical specification compliance sheet (proforma given in <b>Annexure-B</b>) along with all relevant documents proof.</p> <p>The bidder should go through the Pre-Qualification Criteria (Eligibility Criteria I &amp; II) and technical specification given in <b>Annexure-A</b> of the tender document, understand the requirement of IIT Madras and submit their technical bid along with all relevant document proof in the proforma given in <b>Annexure-B</b>.</p> <p><b>Bid II Financial Bid</b> The Quoted price should be inclusive of all i.e. supply, installation and buyback value at P.G. Senapathy Centre for Computer Resources, IIT Madras.</p>																								
20	<p><b>Evaluation of Bids:</b></p> <p>Bid Evaluation will take place in two stages.</p> <p><b>Stage I: Technical Bid evaluation</b></p> <ol style="list-style-type: none"> <li>Bidder will be evaluated first for conformity with Eligibility Criteria-I and those bidders who have complied with this criteria will alone be evaluated further.</li> <li>The bidders who have qualified in Eligibility Criteria-I will be evaluated for Eligibility Criteria-II and the technical specification compliance. Only those bidders who have fully complied with Eligibility Criteria-I, II and technical specification will be considered for financial bid evaluation.</li> </ol> <p><b>Stage II: Financial Bid Evaluation</b></p> <p>The financial bid rates will be arrived by deducting the buyback value from the rate quoted for the supply of 3 Nos. Servers. Only this rate will be taken up for financial bid comparison.</p> <p>The lowest financial bid among the technical qualified bid will be declared as successful bidder (L1) and the order will be awarded to successful bidder (L1).</p>																								
21	<p><b>सफल बोलीदाता का चयन और आदेश प्रदान करना / Selection of successful bidder and Award of Order</b> 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 16<sup>th</sup> September 2020 and other subsequent orders issued therein</p>																								

22	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.
23	The bidders will not be entertained to participate in opening of Bids. Since the tender is online through GeM portal, the opening of the bids may be checked using the respective logins of the bidders.

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 and Special Terms and Conditions” of tender document, the same is abided and agreed to be executed. 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**

**SCHEDULE OF TENDER**

**SUPPLY AND INSTALLATION OF 3 NOS. SERVERS ON BUYBACK BASIS**

**Tender No: IITM/SPS/WF Server/011/2023-24/SPL**

Name of Organization	Indian Institute of Technology Madras
Tender Type (Open/Limited/EOI/Auction/Single)	OPEN
Tender Category (Services/Goods/works)	Goods
Type/Form of Contract (Work/Supply/ Auction/ Service/ Buy/ Empanelment/ Sell)	Supply and installation of 3 Nos. Servers on buyback basis
Source of Fund (Institute/Project)	IIT Madras
Is Multi Currency Allowed	No
Date of Issue/Publishing	04.07.2023
Earnest Money Transfer (EMD)	Rs.1,20,000/-
No. of Covers (1/2/3/4)	2
Bid Validity days (180/120/90/60/30)	120 Days
Address for Communication	<p><b><u>For General Queries</u></b> The Assistant Registrar Stores &amp; Purchase Section IIT Madras Chennai – 600 036 Phone No. 044 2257 8285/8288/8287 Email: <a href="mailto:adstores@iitm.ac.in">adstores@iitm.ac.in</a></p> <p><b><u>For Technical Related Queries</u></b> Prof. Rahul Marathe Dept. of Management Studies Chennai 600 036 Phone No. 044 2257 4579 Email: <a href="mailto:rmarathe@iitm.ac.in">rmarathe@iitm.ac.in</a></p>



## SUPPLY AND INSTALLATION OF 3 NOS. SERVERS ON BUYBACK BASIS

Tender No: IITM/SPS/WF server/011/2023-24/SPL

TECHNICAL SPECIFICATION

Sl.No.	Parameter	Specifications
1	Rack Height	2U or lower
2	CPU Support	Must support 2 CPU's
3	Chipset	Intel C620 or better
4	Processors	2 x Intel Xeon processor 3rd gen. scalable family min. 2.1 Ghz, 24 Core
5	Cache	36 MB L3 Cache per CPU or more
6	Memory	8x 32 GB RAM 2666 MT/s support up to 1500GB RAM, should have min. 32DIMM slots
7	Hard Drives	4 x 3.84Tb SSD
		Should support up to 16 hard disk drives (SAS, SATA, nearline SAS SSD: SAS, SATA)
8	RAID Card	RAID Controller Card supports RAID 1, 5, 10 with 8 GB Cache
9	PCI Slots (I/O)	6 x PCIe 4.0 slots
10	NIC ports	4x1G ports
11	Redundant Power Supply	Dual, Hot-plug, Redundant Power Supply
12	Management integration	Support for integration with Microsoft System Center, VMware vCenter, BMC Software
13	Power & temperature	<ul style="list-style-type: none"> <li>Real-time power meter, graphing, thresholds, alerts &amp; capping with historical power counters.</li> <li>Temperature monitoring &amp; graphing</li> </ul>
14	Configuration & management	<ul style="list-style-type: none"> <li>Real-time out-of-band hardware performance monitoring &amp; alerting</li> <li>Agent-free monitoring, driver updates &amp; configuration, power monitoring &amp; capping, RAID management, external storage management, monitoring of FC, HBA &amp; CNA &amp; system health</li> <li>Out-of-band hardware &amp; firmware inventory</li> <li>Zero-touch auto configuration to auto deploy a baseline server configuration profile</li> <li>Automated hardware configuration and Operating System deployment to multiple servers</li> <li>Zero-touch repository manager and self-updating firmware system</li> <li>Virtual IO management / stateless computing</li> <li>Support for Redfish API for simple and secure management of scalable platform hardware</li> </ul>
15	LCD panel	Should display system ID, status information and system error code followed by descriptive text. LCD background should light up in different colours during normal system operation & error conditions.
16	HTML5 support	HTML5 support for virtual console & virtual media without using Java or ActiveX plugins

Sl.No.	Parameter	Specifications
17	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"> <li>- Silicon-based Hardware Root of Trust</li> <li>- Signed firmware updates</li> <li>- Secure default passwords</li> <li>- Configuration and firmware drift detection</li> <li>- Dynamically enable or disable USB ports</li> <li>- Secure alerting</li> <li>- Automatic BIOS recovery</li> <li>- Rapid OS recovery</li> <li>- System erase</li> </ul>
		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.
		Should maintain repository for firmware and should be able to rollback, if required.
18	Intrusion alert	Intrusion alert in case chassis cover being opened
19	OS Support	Canonical Ubuntu Server LTS, Citrix Hypervisor, Microsoft Windows Server with Hyper-V, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware ESXi
20	Warranty	5 years On-site comprehensive warranty with 24x7x365 remote hardware support. Post installation, 5-year product warranty should reflect in the support web site of the OEM.

PROFORMA FOR TECHNICAL BID**SUPPLY AND INSTALLATION OF 3 NOS. SERVERS ON BUYBACK BASIS****Tender No: IITM/SPS/WF server/011/2023-24/SPL****A. PRE QUALIFICATION CRITERIA**

S. No	Description	Compliance (Yes / No)	Reference Page No.																								
<b>I</b>	<b>Eligibility Criteria - I</b>																										
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 <b>Annexure – D</b> shall be submitted with the bid.																										
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<b>II</b>	<b>Eligibility Criteria - II</b>																										
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**B. TECHNICAL SPECIFICATION**

Sl.No.	Parameter	Specifications	Compliance (YES/NO)	Reference Page No.
1	Rack Height	2U or lower		
2	CPU Support	Must support 2 CPU's		
3	Chipset	Intel C620 or better		
4	Processors	2 x Intel Xeon processor 3rd gen. scalable family min. 2.1 Ghz, 24 Core		
5	Cache	36 MB L3 Cache per CPU or more		
6	Memory	8x 32 GB RAM 2666 MT/s support up to 1500GB RAM, should have min. 32DIMM slots		
7	Hard Drives	4 x 3.84Tb SSD		
		Should support up to 16 hard disk drives (SAS, SATA, near line SAS SSD: SAS, SATA)		
8	RAID Card	RAID Controller Card supports RAID 1, 5, 10 with 8 GB Cache		
9	PCI Slots (I/O)	6 x PCIe 4.0 slots		
10	NIC ports	4x1G ports		
11	Redundant Power Supply	Dual, Hot-plug, Redundant Power Supply		
12	Management integration	Support for integration with Microsoft System Center, VMware vCenter, BMC Software		
13	Power & temperature	<ul style="list-style-type: none"> <li>Real-time power meter, graphing, thresholds, alerts &amp; capping with historical power counters.</li> <li>Temperature monitoring &amp; graphing</li> </ul>		
14	Configuration & management	<ul style="list-style-type: none"> <li>Real-time out-of-band hardware performance monitoring &amp; alerting</li> <li>Agent-free monitoring, driver updates &amp; configuration, power monitoring &amp; capping, RAID management, external storage management, monitoring of FC, HBA &amp; CNA &amp; system health</li> <li>Out-of-band hardware &amp; firmware inventory</li> <li>Zero-touch auto configuration to auto deploy a baseline server configuration profile</li> <li>Automated hardware configuration and Operating System deployment to multiple servers</li> <li>Zero-touch repository manager and self-updating firmware system</li> <li>Virtual IO management / stateless computing</li> <li>Support for Redfish API for simple and secure management of scalable platform hardware</li> </ul>		
15	LCD panel	Should display system ID, status information and system error code followed by descriptive text. LCD background should light up in different colours during normal system operation & error conditions.		
16	HTML5 support	HTML5 support for virtual console & virtual media without using Java or ActiveX plugins		

Sl.No.	Parameter	Specifications	Compliance (YES/NO)	Reference Page No.
17	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: - Silicon-based Hardware Root of Trust - Signed firmware updates - Secure default passwords - Configuration and firmware drift detection - Dynamically enable or disable USB ports - 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.		
		Should maintain repository for firmware and should be able to rollback, if required.		
18	Intrusion alert	Intrusion alert in case chassis cover being opened		
19	OS Support	Canonical Ubuntu Server LTS, Citrix Hypervisor, Microsoft Windows Server with Hyper-V, Red Hat Enterprise Linux, SUSE Linux Enterprise Server, VMware ESXi		
20	Warranty	5 years On-site comprehensive warranty with 24x7x365 remote hardware support. Post installation, 5-year product warranty should reflect in the support web site of the OEM.		

The proof attached should be indexed and page numbers of the attached proof should be clearly mentioned in the Technical Bid format.

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

**PROFORMA FOR FINANCIAL BID (BOQ)****SUPPLY AND INSTALLATION OF 3 NOS. SERVERS ON BUYBACK BASIS****Tender No: IITM/SPS/WF server/011/2023-24/SPL**

S.No	Description	Qty.	Rate per unit (without GST)	GST (in %)	Total Cost (with GST incl. of all)																								
1	<b>Supply and installation of Servers</b> to P.G. Senapathy Centres for Computer Resources as per technical specification mentioned in Annexure-A	3 Nos.																											
2	<p><b>LESS:</b></p> <p>Buyback value for the existing 3 Nos. of Servers with the following specification (Bidder may visit P.G. Senapathy Centre for Computer Resources, IIT Madras if required during working days (Mon-Fri) between 10am and 5pm to appraise the existing Servers).</p> <table border="1"> <thead> <tr> <th>S No</th> <th>Make</th> <th>Model</th> <th>Service Tag</th> <th>HDD</th> <th>RAM</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>DELL</td> <td>Power Edge T630</td> <td>8BTP252</td> <td>4x600 GB</td> <td>64 GB</td> </tr> <tr> <td>2</td> <td>DELL</td> <td>Power Edge T630</td> <td>J8TP252</td> <td>4x600 GB</td> <td>64 GB</td> </tr> <tr> <td>3</td> <td>DELL</td> <td>Power Edge R630</td> <td>7DH3T72</td> <td>4x600 GB</td> <td>64 GB</td> </tr> </tbody> </table>	S No	Make	Model	Service Tag	HDD	RAM	1	DELL	Power Edge T630	8BTP252	4x600 GB	64 GB	2	DELL	Power Edge T630	J8TP252	4x600 GB	64 GB	3	DELL	Power Edge R630	7DH3T72	4x600 GB	64 GB	1 lot			
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<b>TOTAL COST after deducting buyback value</b>																													

Place:

Date:

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

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

---

Tender No. **IITM/SPS/WF server/011/2023-24/SPL**

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 BIDDER ALONG WITH  
SEAL OF THE COMPANY WITH DATE**

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

**Tender Reference Number: IITM/SPS/WF server/011/2023-24/SPL**

**Name of the item / Service: Supply and installation of 3 Nos. Servers on buyback basis**

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 GoI 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.

<b>Tick (✓) and Fill the Appropriate Category</b>	
<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 <b>“Class-I Local Supplier”</b> 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 <b>“Class-II Local Supplier”</b> 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**

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 BIDDER ALONG WITH  
SEAL OF THE COMPANY WITH DATE**

**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