

	<p>भारतीय प्रौद्योगिकी संस्थानमद्रासचेन्ने 600 036  <b>INDIAN INSTITUTE OF TECHNOLOGY MADRAS Chennai 600 036</b>  भंडार एवं क्रय अनुभाग  <b>STORES &amp; PURCHASE SECTION</b>  <b>Email: adstores@iitm.ac.in</b>  दूरभाष: (044) 2257 8285 / 8286 / 8287 / 8288 फ़ैक्स: (044) 2257 8292  Telephone : (044) 2257 8285/8286/8287/8288 FAX: (044) 2257 8292  <b>GSTIN : 33AAAAI3615G1Z6</b></p>	
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**G. Chitrapavai**  
**Deputy Registrar (Stores & Purchase)**

**Dated :30.10.2019**

**Tender No. IITM/SPS/Clinical Lab Service/010/2019-20**

**Due Date: 13.11.2019**  
**Before 2.00p.m**

Dear Sirs,

On behalf of the Indian Institute of Technology Madras, Tenders are invited for the

**“Setting up of Clinical Lab at IIT Madras Hospital”**

from the reputed firms confirming to the specifications enclosed.

Tender Documents may be downloaded from Central Public Procurement Portal <https://etenders.gov.in/e procure/app> Aspiring Bidders who have not enrolled / registered in eprocurement should enroll / register before participating through the website <https://etenders.gov.in/e procure/app>. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at **“Help for contractors”** [Special Instructions to the Contractors/Bidders for the e-submission of the bids online through this eProcurement Portal].

Tenderers can access tender documents on the website (For searching in the NIC site, kindly go to Tender Search option and type 'IIT'. Thereafter, Click on “GO” button to view all IIT Madras tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website <https://etenders.gov.in/e procure/app> per the schedule attached.

**No manual bids will be accepted.** All quotation both Technical bid and Financial bid should be submitted in the E-procurement portal.

<b>1</b>	<b>LAST DATE for receipt of Tender</b> <b>Date &amp; Time of opening of Tender</b>	<b>: 13.11.2019 before 02.00 p.m</b> <b>: 14.11.2019 at 04.00 p.m</b>
<b>A</b>	<b>Submission of Tender</b>	As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal URL: <a href="https://etenders.gov.in/e procure/app">https://etenders.gov.in/e procure/app</a> The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal. More information useful for submitting online bids on the CPP Portal may be obtained at: <a href="https://etenders.gov.in/e procure/app">https://etenders.gov.in/e procure/app</a> Both Technical Bid & Price Bid should be submitted separately in online CPP portal as per the specified format only. Right is reserved to ignore any tender which fails to comply with the above instructions.

			<b>No manual bid submission is entertained.</b>
<b>B</b>	<b>Instructions for online bid submission</b>	:	<p><b>REGISTRATION</b></p> <ol style="list-style-type: none"> <li>i. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal <a href="https://etenders.gov.in/e procure/app">URL:https://etenders.gov.in/e procure/app</a> by clicking on “Online Bidder Enrollment”. Enrolment on the CPP Portal is free of charge.</li> <li>ii. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.</li> <li>iii. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.</li> <li>iv. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.)</li> <li>v. <a href="https://etenders.gov.in/e procure/app?component=%24DirectLink&amp;page=DSCInfo&amp;service=direct&amp;session=T">https://etenders.gov.in/e procure/app?component=%24DirectLink&amp;page=DSCInfo&amp;service=direct&amp;session=T</a> with their profile.</li> <li>vi. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.</li> <li>vii. Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / eToken.</li> </ol>
<b>Guidelines, Terms and Conditions of Tender</b>			
<b>C</b>	<b>Searching for tender documents</b>	:	<ol style="list-style-type: none"> <li>i. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.</li> <li>ii. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective “<b>My Tender</b>” folder. This would enable the CPP Portal to intimate the bidders through SMS / email in case there is any corrigendum issued to the tender document.</li> <li>iii. The bidder should make a note of the <b>unique Tender ID</b> assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.</li> </ol>
<b>D</b>	<b>Preparation of bids</b>	:	<ol style="list-style-type: none"> <li>i. Bidder should take into account any corrigendum published on the tender document before submitting their bids.</li> <li>ii. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.</li> <li>iii. Bidder, in advance, should prepare the bid documents to be submitted as indicated in the tender document / schedule and generally shall be in PDF / XLS formats as the case may be. Bid documents may be scanned with 100 dpi with black and white option.</li> <li>iv. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, GSTIN Details, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “<b>My Documents</b>” area</li> </ol>

			available to them to upload such documents. These documents may be directly submitted from the “ <b>My Documents</b> ” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.
<b>E</b>	<b>Submission of bids</b>	:	<ul style="list-style-type: none"> <li>i. Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission date and time. Bidder will be responsible for any delay due to other issues.</li> <li>ii. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.</li> <li>iii. Bidder has to transfer the EMD as applicable by online mode only. The EMD should be transferred on or before the closure date and time of the tender. If the EMD is not transferred before the closure date and time, the tender will be summarily rejected. <b>The EMD transferred to IIT Madras (as per IIT Madras Account details given in Clause I(i)) and the proof of transfer has to be submitted in the technical bid. Otherwise, the tender will be summarily rejected.</b></li> <li>iv. A standard BOQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BOQ file, open it and complete the detail with their respective financial quotes and other details (such as name of the bidder). If the BOQ file is found to be modified by the bidder, the bid will be rejected.</li> <li>v. The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.</li> <li>vi. The <b>Tender Inviting Authority (TIA)</b> will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders due to local issues.</li> <li>vii. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.</li> <li>viii. Upon the successful and timely submission of bids, the portal will give a successful bid submission message &amp; a bid summary will be displayed with the bid no. and the date &amp; time of submission of the bid with all other relevant details.</li> <li>ix. Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.</li> </ul>
<b>F</b>	<b>Assistance to bidders</b>	:	<ul style="list-style-type: none"> <li>i. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.</li> <li>ii. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is [0120-4200462, 0120-4001002, 0120-4001005]</li> </ul>
<b>G</b>	<b>General Instructions to the Bidders</b>	:	<ul style="list-style-type: none"> <li>i. The tenders will be received online through portal <a href="https://etenders.gov.in/eprocure/app">https://etenders.gov.in/eprocure/app</a>. In the Technical Bids, the bidders are required to upload all the documents in pdf format.</li> <li>ii. Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through <a href="https://etenders.gov.in/eprocure/app">https://etenders.gov.in/eprocure/app</a></li> <li>iii. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web</li> </ul>

			site <a href="https://etenders.gov.in/e procure/app">https://etenders.gov.in/e procure/app</a> under the “Information about DSC”
<b>H</b>	<b>Opening of the tender</b>	:	The online bid will be opened by a committee duly constituted for this purpose. Online bids (complete in all respect) received along with scanned copy of EMD (if any) will be opened as mentioned in the Schedule of the tender document. Bid received without EMD (if present) will be rejected straight way. The technical bid will be opened online first and it will be examined by a technical committee (as per the scope of work, eligibility criteria, and special terms and conditions). The financial offer/bid will be opened only for the offer/bid which technically meets all requirements as per the specification.
<b>I</b>	<b>Earnest Money Deposit (EMD)</b>	:	<p>i. <b>EMD for Rs.1,80,000 (Rupees One Lakh Eighty Thousand only) should be transferred to the following bank account on or before due date 13.11.2019 before 2:00 p.m.</b></p> <p style="padding-left: 40px;"> <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. The EMD transferred to IIT Madras as per IIT Madras Account details given above and the proof of transfer has to be submitted in the technical bid. Otherwise, the tender will be summarily rejected.</p> <p>iii. The EMD will be returned to unsuccessful tenderer only after the tender is finalized.</p> <p>iv. Performance Bank guarantee of 5% has to be submitted by way of DD/ bank guarantee by the successful bidder only.</p> <p>v. In case of successful tenderer, Performance Guarantee will be retained till the installation and completion of warranty period.</p> <p>vi. <b>Vendor who have already submitted EMD of Rs.1,80,000/- towards the tender No. IITM/SPS/Clinical Lab Service/014/2018-19 need not submit EMD in this tender and the amount already paid will be considered for EMD for the current tender. The details of EMD already submitted for the previous tender may be mentioned in the current tender.</b></p>
<b>J</b>	<b>Marking on Technical Bid</b>	:	<p>i. The Scope of work for this tender is given in <b>Annexure A</b>. The tenderer shall go through the Scope of Work and submit the technical Bid. The vendor eligibility criteria and technical specification is given in <b>Annexure B</b>. The bidders should go through the technical specification and submit the technical bid.</p> <p>ii. The Technical bid should be in the proforma given as per <b>Annexure C</b> in pdf format and should be submitted only through online (e-tender). <b>No manual submission of bid will be entertained.</b></p> <p>iii. All 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 contain only technical details called for in the prescribed proforma along with the supporting documents. No other details apart from the technical details should be submitted in the technical bid. If any deviation in this regard is found in the technical bid submitted, the tender will be summarily rejected.</p>

K	<b>Marking on Financial Bid</b>	:	<ul style="list-style-type: none"> <li>i. Price bid should be submitted in the prescribed proforma in BOQ in <b>xls format</b> through e-tender only. <b>No manual submission of bid will be entertained.</b></li> <li>ii. <b>Price bid should indicate the discounted rate offered on the CGHS rates by the bidder.</b></li> <li>iii. <b>The price quoted should not be more than the CGHS rates</b></li> </ul>
L.	<b>Selection Criteria</b>	:	<ul style="list-style-type: none"> <li>i. The vendor should quote for all the Common Tests and Other Tests mentioned in the technical specification. Otherwise the bid will be summarily rejected.</li> <li>ii. All tests for which bid is submitted should have NABL Scope of accreditation and test quoted without NABL Scope of accreditation will not be accepted and the bids will be summarily rejected.</li> <li>iii. Documentary proof for Scope of NABL accreditation should be submitted in the technical bid.</li> <li>iv. The technical evaluation will be based on the vendor eligibility criteria and the technical submission on the common tests and other tests. Price bids of the vendor who have qualified both eligibility criteria and technical bid will alone be opened.</li> <li>v. <b>The tender will be awarded to the L1 vendor and L1 will be arrived by giving 70% weightage to the total rate quoted for Common Tests and 30% weightage to the total rate quoted for Other Tests.</b></li> </ul>
2	<p><b>Preparation of Tender:</b></p> <ul style="list-style-type: none"> <li>a) You should quote product as per our specification requirements by mentioning our requirements and your offer side by side and the rate should be in total as per our requirements. We will not make any calculation if you have mentioned the rates of items separately.</li> <li>b) The offer/bids should be submitted through online only in two bid system i.e. Technical Bid and Price Bid separately. The online technical bid will be first opened and evaluated.</li> </ul>		
3	<p><b>Signing of Tender:</b></p> <p>The Tender 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 terms and conditions enclosed herewith. <b>Each page of the technical bid required to be signed and bears the official seal of the tenderers.</b></p> <p>If the application is made 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 or alternatively by a partner holding power of attorney for the firm in which case a certified copy of the power of attorney shall accompany the application. A certified copy of the partnership deed along with current addresses of all the partners of the firm shall also accompany the application.</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 application, in which case a certified copy of the power of attorney shall accompany the application. Such limited company or corporation may be required to furnish satisfactory evidence of its existence. The applicant shall also furnish a copy of the Memorandum of Articles of association duly attested by a Public notary.</p>		
4	<p><b>Period for which the offer will remain open:</b></p> <ul style="list-style-type: none"> <li>i. Firms tendering should note the period for which it is desired that their offers should remain open for acceptance. If the firms are unable to keep their offers open for the specified period they should specifically state the period for which their offers are being provided, 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.</li> <li>ii. Quotations qualified by such vague and indefinite expressions such as 'subject to immediate acceptance', 'subject to prior sale' will not be considered.</li> </ul>		

	iii. The Tender shall remain open for acceptance/validity till: <b>120 days from the date of opening of the tender</b>
<b>5</b>	<b>Terms and conditions :</b> Failure to comply with any of the instructions stated in this document or offering unsatisfactory explanations for noncompliance will likely to lead to rejection of offers.
<b>6</b>	<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.
<b>7</b>	<b>Communication of Acceptance:</b> Acceptance by the Purchaser will be communicated by Post, if required, and the Company's acceptance communicated to us formally in writing.
<b>8</b>	In terms of Rule 173 (iv) of General Financial Rules, 2017 the bidder shall be at liberty to question the bidding conditions, bidding process and/or rejection of its bid.
<b>9</b>	<b>Conditions of contract:</b> Tenderer should quote on the basis of the conditions referred to in Para of the invitation to tender and tender papers. In case these terms and conditions are not acceptable to the tenderer, he should specifically state the deviation(s) there from in the body of the tender.
<b>10</b>	<b>Tenderer shall submit along with his Tender:</b> Name and full address of the Banker and their swift code and PAN No. and GSTIN number.
<b>11</b>	<b>Jurisdiction:</b> All disputes or difference whatsoever arriving between parties out of or relating to means and operation of this contract or the breach there off shall be settled by Arbitrator. 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.
<b>12</b>	<b>Force Majeure:</b> The bidder shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. <ul style="list-style-type: none"> <li>• For purposes of this Clause, "Force Majeure" means an event beyond the control of the bidder and not involving the bidder fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.</li> <li>• If a Force Majeure situation arises, the bidder shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.</li> </ul>
<b>13</b>	<b>PERSONAL VISIT OF THE SITE:</b> A committee of Officers & doctors will inspect the labs and will evaluate the infrastructure and competence of the Lab and this evaluation will be part of technical evaluation.
<b>14</b>	IITM may, without prejudice to any other remedy for breach of contract by written notice of default sent to the bidder. terminate the contract in whole or part: <ol style="list-style-type: none"> <li>a) If the bidder fails to provide any or all of the services within the period(s) specified in the contract.</li> <li>b) If the bidder fails to perform any other obligation(s) under the contract.</li> <li>c) If the bidder has engaged corrupt or fraudulent or unethical practices in competing for or in executing the contract.</li> </ol>
<b>15.</b>	Bid Submission date starts from one week 06.11.2019 Any clarification/quires may be sent to <a href="mailto:adstores@iitm.ac.in">adstores@iitm.ac.in</a> before 05.11.2019.

-Sd/-  
Deputy Registrar  
(Stores & Purchase Section)

**ACKNOWLEDGEMENT**

It is hereby acknowledged that I/We have gone through all the points listed under “The Scope of work, Vendor Eligibility Criteria and General Terms and Conditions” and we agree to abide by them under the penalty of permanent disqualification for Tender participation and for related penal actions for non-abidance of the conditions.

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

## Annexure A

### (A) Scope of Work

IIT Madras runs a hospital to provide medical facilities to students, employees (existing & retired) and the dependents of the employees (existing & retired) and it is looking for a Lab Agency to run a lab in the Institute hospital of IIT Madras.

1. The Selected Lab Agency must establish a full-fledged Laboratory at the Institute Hospital and should do investigations as prescribed by the Doctors of the Institute Hospital.
2. The outsourced Lab should cater the needs of the patients referred by the qualified Medical Professionals in the IIT Hospitals.
3. IITM will provide space to establish the clinical lab for which the successful tenderer has to pay the monthly rent, electricity charges.
4. The lab will function 24X7 without any closure and the lab technician has to be posted by the selected Lab agency under shift system whereby at least 1 technician has to be available round the clock.
5. The tenderer should engage 2 to 3 Phlebotomists in the first shift and one Phlebotomists during afternoon and night shift.
6. **Collection of Samples:** The Lab Agency shall make his own arrangement at his cost to get the samples collected from patients referred to the Laboratory under ideal conditions specific for the samples. Routine samples drawn/obtained from OPD patients and wards must be collected 4 times daily (i.e) 11.00 am, 05.00 pm and 11.00 pm compulsorily and at 06.00 am (based on the need of the IIT Hospital).
7. The samples are to be received along with the requisite slips in duplicate. It will be the responsibility of the selected Lab Agency to ensure the right type of samples collection vials/ containers are used as per the requisite investigation. No complaint regarding adequacy/haemolysis/wrongly collected samples will be entertained.
8. In case of inability to collect samples from the hospital as per the hospital requirement or not furnishing test reports within stipulated time, a penalty up to Rs.500/- for each such instance may be levied on the Lab. Agency by deducting the same from the monthly bills.
9. **Submission of Reports:** The selected Lab agency shall have to make necessary arrangement at his cost to deliver the reports of routine investigation of samples collected duly signed by the competent authority within the time frame fixed by the Institute hospital.
10. The report of investigations shall contains Name of the patient, Address, Date of Birth, ID/ Roll No/PPO No, Address, Phone/Mobile, Age, Sex, email id, Doctor reference etc. The report should be communicated to the patient within the time frame mutually agreed by the Institute Hospital and the Selected Lab Agency. On demand, the technician stationed in the lab shall issue a signed hard copy to the patient/ Institute Hospital.
11. In emergency cases reports may also be asked/communicated telephonically/emailed to the CMO followed by submission of reports.
12. The Lab Agency has to digitally sign and upload the medical reports of the patients in the digital link provided by the institute hospital.
13. No registration charges to be collected by the Lab Agency from the patients. Charges for the tests will be based on discounted rates on CGHS rates offered by the selected Lab agencies and no extra charges will be



given. If any extra test, not specified in the approved list is required to be conducted by the Medical Practitioner, charges have to be intimated to the patients and CMO before conducting the test.

14. "Rare tests not in the list of Common tests and Other tests if ordered should be done at CGHS Concessional rates as and when required" with the approval of the CMO.
15. No unauthorized person shall be allowed inside the clinical lab. A list of Phlebotomists and other working in the clinical lab must be submitted with their details including their Passport size photo, educational qualification, experience, address, contact mobile/phone no. etc. to CMO for necessary permission and security pass. All those working in the clinical lab shall maintain the code of conduct and disciplined behavior required by the IITM. Any violation will lead to necessary action and cancellation of their IIT security pass.
16. The appointment pay and other statutory payments/remittances with regard to the employment of the Phlebotomists and other technical staff engaged in the lab service will be responsibility of Lab Agency and IITM will have no role in engaging the staff.
17. If the services of Lab Agency are not found satisfactory at any point of time during the contract period, then the IITM will give notice to the Lab agency for improvement of services/rectification of defects. If the services are not improved to the satisfaction of the IITM within 30 days from the date of receipt of the notice then the contract with Lab agency can be terminated with three month notice.
18. The Clinical Lab should (as and when required,) attend the meeting fixed by the Institute authorities or by the Institutes Hospital Committee.
19. The claim bill along with all original bill has to submitted to CMO in the first week of every month for due verification and for making payment. IITM will make payment for the claim bill within 15 days of receipt of the bill unless otherwise there is any discrepancy or wrong claims.
20. The monthly Lab rent is subject to revision on yearly basis as approved by the competent authority
21. Loss due to, theft, fire accident etc, if any will be the sole responsibility of the service provider.
22. A committee of Officers & Doctors will inspect the Labs in Chennai area to verify and check the lab facilities available with the Lab Agency.

### **Special Terms and Conditions**

- 1) The Lab Agency shall raise the bills on their letter head as per the terms and conditions of tender document.
- 2) Any legal liability arising out of such laboratory investigations services shall be the sole responsibility of the Lab Agency and shall be dealt with by the concerned Agency.
- 3) A committee constituted by the authority will visit the clinical Lab. Agency prior to and after the award of tender to check the quality of services and other necessary certification. Due support must be given to all the committee members.
- 4) The Lab. Agency must certify that they shall charge as per quoted rates in the tender document.
- 5) IIT Madras reserves the rights to accept /reject one or all tenders at any time without assigning reasons thereof.
- 6) If some Laboratory Investigations are not available at the lab, then the lab will make arrangement to get the required investigations with prior approval of Institute Hospital Authorities.
- 7) The selected Lab Agency should confirm acceptance of the order within 15 days from the date of receipt of letter of acceptance.

- 8) The tenure for the lab facility will be initially for 1 year and will be extended annually based on the performance served with the same terms and conditions.

**Annexure – B**

**TECHNICAL SPECIFICATION**

**(i) Vendor Eligibility Criteria**

1. The tenderer should submit the accreditation of ISO and NABL with necessary relevant certificate proof.
2. The tenderer should have minimum experience of 5 years in laboratory services (Previous Purchase order, agreement copy has to be submitted failing which tender will be summarily rejected due to non-compliance of this condition). The lab should have capacity and equipment for conducting the various Medical tests. The list of equipment available should be submitted in **Annexure – B**.
3. The annual turnover of the tenderer should not be less than Rs.70 Lakh (Rupees Seventy Lakh only) each during the last three financial years i.e. 2015-16, 2016-17 and 2017-18.
4. The tenderer must have its Laboratory in and around Chennai in which the testing and analysis of samples are to done.
5. Laboratory Registration Certificate issued by Chennai Corporation should be submitted.
6. The tenderer should submit copy of filed ITR for the last two years i.e. AY 2016-17 & 2017-18.
7. The tenderer should submit an investigation standardization certificate issued by CMC/ Bio-Rad / American College of Pathologists/any other recognized Institution.

**(ii) List of All Tests**

<b>S.No</b>	<b>NAME OF THE INVESTIGATION</b>
<b>A</b>	<b>LIST OF COMMON TEST</b>
<b>1.00</b>	<b>CLINICAL PATHOLOGY</b>
1.01	Complete Hemogram
1.02	ESR
1.03	Reticulocyte count
1.04	PCV
1.05	HB
1.06	TC
1.07	DC
1.08	Platelet
1.09	Peripheral Smear Examination
1.10	Smear for Malaria Parasite
1.11	Bleeding & Clotting Time
1.12	Prothrombin Time (P.T) with INR
1.13	Partial Thromboplastin Time
1.14	Blood Group & RH Type
<b>2.00</b>	<b>BIO CHEMISTRY</b>
<b>i)</b>	<b>URINE</b>
2.01	Urine Routine – PH, Specific Gravity, Sugar, Protein
2.02	24 hrs urine for Proteins
2.03	Urine – Albumin/ Creatinine Ratio

<b>S.No</b>	<b>NAME OF THE INVESTIGATION</b>
2.04	Urine Ketones
2.05	Urine Pregnancy Test
<b>ii)</b>	<b>HORMONES</b>
2.06	FT3,FT4, TSH (Thyroid Profile)
2.07	F T3
2.08	F T4
2.09	TSH
2.10	T3
2.11	T4
2.12	FSH
2.13	Cortisol
2.14	Anti TPO Antibody
2.15	Quantitative Beta HCG
2.16	PSA –Total
2.17	AFP
2.18	CA125
2.19	Carcinoembryonic antigen (CEA)
2.20	Procalcitonin
<b>iii)</b>	<b>BLOOD</b>
2.21	Blood Glucose Random
2.22	Blood Glucose (Fasting & PP)
2.23	Glucose Tolerance Test (GTT)
2.24	HbA1C
2.25	Lipid Profile. (Total Cholesterol , LDL, HDL, triglycerides)
2.26	Serum Electrolytes
2.27	Sodium
2.28	Potassium
2.29	Serum Uric Acid
2.30	Blood Urea Nitrogen
2.31	Serum Creatinine
2.32	Urea
2.33	Serum Amylase
2.34	Serum Lipase
2.35	Liver Function Test
2.36	Serum Bilirubin total & direct
2.37	S.G.P.T
2.38	SGOT
2.39	Total Protein Alb/Glo Ratio
2.40	Alkaline Phosphatase
2.41	L.D.H.
2.42	Trop I quantitative
2.43	TropT
2.44	Serum Iron
2.45	Total Iron Binding Capacity
2.46	Serum Ferritin
2.47	Bone Mineral Profile
2.48	Vitamin B12 level
2.49	Vitamin D level
2.50	GGTP
2.51	Renal Function Test 1 (Urea , Creatinine, Electrolytes, CBC)
2.52	Renal Function Test 2 (Urea, Creatinine, Electrolytes ,Hb, Urine Protein Creatinine Ratio)
2.53	Renal Function Test 3 (Urea, Creatinine, Electrolytes, Uric Acid, LFT, Calcium, Phosphorous, Urine routine)

<b>S.No</b>	<b>NAME OF THE INVESTIGATION</b>
2.54	CRP
<b>3.00</b>	<b>MICROBIOLOGY AND SEROLOGY</b>
3.01	Rheumatoid factor test
3.02	ANA
3.03	TPHA Test
3.04	ASO Titre
3.05	Sputum smear for AFB
3.06	Culture and sensitivity-blood
3.07	Culture and sensitivity-urine
3.08	Bacterial Culture & Sensitivity – Others (Pus, Body fluids Stool etc.)
3.09	Mycobacterial – Culture & Sensitivity
3.10	Gene Expert
3.11	HIV
3.12	HAV
3.13	HbsAg- ELISA
3.14	Anti HBS Antibody
3.15	Anti HBC Total
3.16	Hep Profile (HAV-IgGAb, HAV-IgMAb, HBsAg, HCV-Total AB, Hep B Surface Antibody ( Anti HBS), Ante-HBCIgM, AntiHBC-Total, Anti HBC-Ab, HBC Ag)
3.17	HCV Total antibodies
3.18	Rubella IgG
3.19	Dengue Serology ( IgM & IgG)
3.20	NSI Antigen
3.21	H1N1
3.22	FNAC
3.23	Stool Routine
3.24	Stool Occult blood
<b>4.00</b>	<b>PATHOLOGY</b>
4.01	Pap smear
4.02	Biopsy Small
4.03	Biopsy Large
<b>B</b>	<b>LIST OF OTHER TEST</b>
<b>5.00</b>	<b>CLINICAL PATHOLOGY</b>
5.01	Coomb/s Test Direct
5.02	Coomb/s Test Indirect
5.03	WBC cytochemistry for leukemia – Complete panel
5.04	Hb Electrophoresis
<b>6.00</b>	<b>BIOCHEMISTRY</b>
<b>a)</b>	<b>BLOOD</b>
6.01	CPK-MB
6.02	Acid Phosphatase
6.03	S Lithium
6.04	S Ethanol
6.05	S Dilantin
6.06	Hs CRP
6.07	NT ProBNP
6.08	HLA B27
<b>b)</b>	<b>HORMONES</b>
6.09	LH
6.10	Prolactin
6.11	Erythropoietin
6.12	C Peptides

<b>S.No</b>	<b>NAME OF THE INVESTIGATION</b>
6.13	Insulin
6.14	Calcitonin
6.15	Progesterone
6.16	17-DH Progesterone
6.17	E2
6.18	DHEAS.
6.19	Androstenedione
6.20	Serum Testosterone
6.21	Homocystine
<b>c)</b>	<b>URINE</b>
6.22	Urine – Drug Panel
<b>7.00</b>	<b>MICROBIOLOGY &amp; SEROLOGY</b>
7.01	Smear gram-stain examination
7.02	Fungal Culture
7.03	Ds DNA
7.04	P ANCA
7.05	CANCA
7.06	Anti Cardiolipin Antibodies(IgG & IgM)
7.07	Anti-Phospholipid Antibodies(IgG & IgM)
7.08	Torch-IgM/IgG
7.09	Toxoplasma -IgM/IgG
7.10	CMV-IgM/IgG
7.11	HSV- IgM/IgG
7.12	HBV DNA Qualitative
7.13	HBV DNA Quantitative
7.14	HCV DNA Quantitative
7.15	Coagulation Profile
7.16	Protein C, Protein S, anti- thrombin - III
7.17	Thyro globulin antibody
7.18	Anti-Microsomal antibody
7.19	Anti-Sperm Antibodies
7.20	Semen analysis

- i. The vendor should bid for all Common Test and Other Test. Otherwise the bid will be summarily rejected.
- ii. All test for which bid is submitted should have NABL Scope of accreditation and test quoted without NABL Scope of accreditation will not be accepted and the bids will be summarily rejected.
- iii. Documentary proof for Scope of NABL accreditation should be submitted in the technical bid
- iv. The technical evaluation will be based on the vendor eligibility criteria and the technical submission on the common tests and other tests. Price bids of the vendor who have qualified both eligibility criteria and technical bid will alone be opened.
- v. The tender will be awarded to the L1 vendor and L1 will be arrived by giving 70% weightage to the total rate quoted for Common Tests and 30% weightage to the total rate quoted for Other Tests.
- vi. Price bid should indicate the discounted rate offered on the CGHS rates by the bidder
- vii. The price quoted should not be more than the CGHS rates.
- viii. If there is discrepancy in the methodology the superior methodology will be considered by the committee.

**ANNEXURE -C**

**Technical Bid - Compliance Statement**

**(i) Vendor Eligibility Criteria**

<b>Sl. No.</b>	<b>Description</b>	<b>Compliance (YES/NO)</b>	<b>Reference page no.</b>
1.	The tenderer should submit the accreditation of ISO and NABL with necessary relevant certificate proof.		
2.	The tenderer should have minimum experience of 5 years in laboratory services <b>(Previous Purchase order, agreement copy has to be submitted failing which tender will be summarily rejected due to non-compliance of this condition)</b> . The lab should have capacity and equipment for conducting the various Medical tests. The list of equipment available should be submitted in <b>Annexure – C</b> .		
3.	The annual turnover of the tenderer should not be less than Rs.70 Lakh (Rupees Seventy Lakh only) each during the last three financial years i.e. 2015-16, 2016-17 and 2017-18.		
4.	The tenderer must have its Laboratory in and around Chennai in which the testing and analysis of samples are to done		
5.	Laboratory Registration Certificate issued by Chennai Corporation should be submitted		
6.	The tenderer should submit copy of filed ITR for the last two years i.e. AY 2016-17 & 2017-18		
7.	The tenderer should submit an investigation standardization certificate issued by CMC/ Bio-Rad / American College of Pathologists/any other recognized Institution.		

**(ii) List of All Tests**

S.No	Name of Investigation	NABL Scope of Accreditation for the test - Yes/ No	Proof for NABL Scope of accreditation for the test *	Time Frame to submit test report	Methodology	Remarks
<b>A</b>	<b>LIST OF COMMON TEST</b>					
<b>1.00</b>	<b>CLINICAL PATHOLOGY</b>					
1.01	Complete Hemogram					
1.02	ESR					
1.03	Reticulocyte count					
1.04	PCV					
1.05	Hb					
1.06	TC					
1.07	DC					
1.08	Platelet					
1.09	Peripheral Smear Examination					
1.10	Smear for Malaria Parasite					
1.11	Bleeding & Clotting Time					
1.12	Prothrombin Time (P.T) with INR					
1.13	Partial Thromboplastin Time					
1.14	Blood Group & RH Type					
<b>2.00</b>	<b>BIO CHEMISTRY</b>					
<b>i)</b>	<b>URINE</b>					
2.01	Urine Routine – PH, Specific Gravity, Sugar, Protein					
2.02	24 hrs urine for Proteins					
2.03	Urine – Albumin/ Creatinine Ratio					
2.04	Urine Ketones					
2.05	Urine Pregnancy Test					

\* Please indicate the exact page no of the NABL Scope of Accreditation in the uploaded supporting document

S.No	Name of Investigation	NABL Scope of Accreditation for the test - Yes/ No	Proof for NABL Scope of accreditation for the test *	Time Frame to submit test report	Methodology	Remarks
ii)	<b>HORMONES</b>					
2.06	FT3,FT4, TSH (Thyroid Profile)					
2.07	F T3					
2.08	F T4					
2.09	TSH					
2.10	T3					
2.11	T4					
2.12	FSH					
2.13	Cortisol					
2.14	Anti TPO Antibody					
2.15	Quantitative Beta HCG					
2.16	PSA –Total					
2.17	AFP					
2.18	CA125					
2.19	Carcinoembryonic antigen (CEA)					
2.20	Procalcitonin					
iii)	<b>BLOOD</b>					
2.21	Blood Glucose Random					
2.22	Blood Glucose (Fasting & PP)					
2.23	Glucose Tolerance Test (GTT)					
2.24	HbA1C					
2.25	Lipid Profile. (Total Cholesterol , LDL, HDL, triglycerides)					
2.26	Serum Electrolytes					
2.27	Sodium					
2.28	Potassium					

\* Please indicate the exact page no of the NABL Scope of Accreditation in the uploaded supporting document



S.No	Name of Investigation	NABL Scope of Accreditation for the test - Yes/ No	Proof for NABL Scope of accreditation for the test *	Time Frame to submit test report	Methodology	Remarks
2.29	Serum Uric Acid					
2.30	Blood Urea Nitrogen					
2.31	Serum Creatinine					
2.32	Urea					
2.33	Serum Amylase					
2.34	Serum Lipase					
2.35	Liver Function Test					
2.36	Serum Bilirubin total & direct					
2.37	S.G.P.T					
2.38	SGOT					
2.39	Total Protein Alb/Glo Ratio					
2.40	Alkaline Phosphatase					
2.41	L.D.H.					
2.42	Trop I quantitative					
2.43	TropT					
2.44	Serum Iron					
2.45	Total Iron Binding Capacity					
2.46	Serum Ferritin					
2.47	Bone Mineral Profile					
2.48	Vitamin B12 level					
2.49	Vitamin D level					
2.50	GGTP					
2.51	Renal Function Test 1 (Urea , Creatinine, Electrolytes, CBC)					
2.52	Renal Function Test 2 (Urea, Creatinine, Electrolytes ,Hb, Urine Protein Creatinine Ratio)					
2.53	Renal Function Test 3 (Urea, Creatinine, Electrolytes, Uric Acid, LFT, Calcium, Phosphorous, Urine routine)					
2.54	CRP					

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S.No	Name of Investigation	NABL Scope of Accreditation for the test - Yes/ No	Proof for NABL Scope of accreditation for the test *	Time Frame to submit test report	Methodology	Remarks
<b>3.00</b>	<b>MICROBIOLOGY AND SEROLOGY</b>					
3.01	Rheumatoid factor test					
3.02	ANA					
3.03	TPHA Test					
3.04	ASO Titre					
3.05	Sputum smear for AFB					
3.06	Culture and sensitivity-blood					
3.07	Culture and sensitivity-urine					
3.08	Bacterial Culture & Sensitivity – Others (Pus, Body fluids Stool etc.)					
3.09	Mycobacterial – Culture & Sensitivity					
3.10	Gene Expert					
3.11	HIV					
3.12	HAV					
3.13	HbsAg- ELISA					
3.14	Anti HBS Antibody					
3.15	Anti HBC Total					
3.16	Hep Profile (HAV-IgGAb, HAV-IgMAb, HBsAg, HCV-Total AB, Hep B Surface Antibody ( Anti HBS), Ante-HBCIgM, AntiHBC-Total, Anti HBC-Ab, HBC Ag)					
3.17	HCV Total antibodies					
3.18	Rubella IgG					
3.19	Dengue Serology ( IgM & IgG					
3.20	NSI Antigen					
3.21	H1N1					
3.22	FNAC					
3.23	Stool Routine					
3.24	Stool Occult blood					
<b>4.00</b>	<b>PATHOLOGY</b>					
4.01	Pap smear					
4.02	Biopsy Small					
4.03	Biopsy Large					

\* Please indicate the exact page no of the NABL Scope of Accreditation in the uploaded supporting document

S.No	Name of Investigation	NABL Scope of Accreditation for the test - Yes/ No	Proof for NABL Scope of accreditation for the test *	Time Frame to submit test report	Remarks
<b>B</b>	<b>LIST OF OTHER TEST</b>				
<b>5.00</b>	<b>CLINICAL PATHOLOGY</b>				
5.01	Coomb/s Test Direct				
5.02	Coomb/s Test Indirect				
5.03	WBC cytochemistry for leukemia – Complete panel				
5.04	HB Electrophoresis				
<b>6.00</b>	<b>BIOCHEMISTRY</b>				
<b>a)</b>	<b>BLOOD</b>				
6.01	CPK-MB				
6.02	Acid Phosphatase				
6.03	S Lithium				
6.04	S Ethanol				
6.05	S Dilantin				
6.06	Hs CRP				
6.07	NT Pro BNP				
6.08	HLA B27				
<b>b)</b>	<b>HORMONES</b>				
6.09	LH				
6.10	Prolactin				
6.11	Erythropoietin				
6.12	C Peptides				
6.13	Insulin				
6.14	Calcitonin				
6.15	Progesterone				
6.16	17-DH Progesterone				
6.17	E2				
6.18	DHEAS.				

\* Please indicate the exact page no of the NABL Scope of Accreditation in the uploaded supporting document

S.No	Name of Investigation	NABL Scope of Accreditation for the test - Yes/ No	Proof for NABL Scope of accreditation for the test *	Time Frame to submit test report	Remarks
6.19	Androstenedione				
6.20	Serum Testosterone				
6.21	Homocystine				
<b>c)</b>	<b>URINE</b>				
6.22	Urine – Drug Panel				
<b>7.00</b>	<b>MICROBIOLOGY &amp; SEROLOGY</b>				
7.01	Smear gram-stain examination				
7.02	Fungal Culture				
7.03	Ds DNA				
7.04	P ANCA				
7.05	CANCA				
7.06	Anti Cardiolipin Antibodies(IgG & IgM)				
7.07	Anti-Phospholipid Antibodies(IgG & IgM)				
7.08	Torch-IgM/IgG				
7.09	Toxoplasma -IgM/IgG				
7.10	CMV-IgM/IgG				
7.11	HSV- IgM/IgG				
7.12	HBV DNA Qualitative				
7.13	HBV DNA Quantitative				
7.14	HCV DNA Quantitative				
7.15	Coagulation Profile				
7.16	Protein C, Protein S, anti-thrombin - III				
7.17	Thyro globulin antibody				
7.18	Anti-Microsomal antibody				
7.19	Anti-Sperm Antibodies				
7.20	Semen analysis				

\* Please indicate the exact page no of the NABL Scope of Accreditation in the uploaded supporting document.

**4. List of Equipment**

Sl.No	Name of the Equipment	Qty

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

**SCHEDULE OF THE TENDER DOCUMENT**

Name of Organization	Indian Institute of Technology Madras
Tender Type (Open/Limited/EOI/Auction/Single)	SHORT TENDER
Tender Category (Services/Goods/works)	Goods/Services
Type/Form of Contract (Work/Supply/ Auction/ Service/ Buy/ Empanelment/ Sell)	Service
Product Category (Civil Works/Electrical Works/Fleet Management/ Computer Systems)	Setting up of Clinical Lab at IIT Madras Hospital
Source of Fund (Institute/Project)	IIT Madras
Is Multi Currency Allowed	No
Date of Issue/Publishing	30.10.2019
Document Download/Sale Start Date	30.10.2019
Document Download/Sale End Date	13.11.2019 at 02.00 pm
Last Date and Time for Uploading of Bids	13.11.2019 before 02.00 pm
Date and Time of Opening of Technical Bid	14.11.2019 at 04.00 pm
EMD	Rs.1,80,000/-
No. of Covers (1/2/3/4)	2
Bid Validity days (180/120/90/60/30)	120 Days
Address for Communication	The Deputy Registrar Stores & Purchase Section IIT Madras Chennai – 600 036
Contact No.	For Queries : 044- 2257 8287/8288
Email Address	<a href="mailto:adstores@iitm.ac.in">adstores@iitm.ac.in</a>