

	<p style="text-align: center;"> भारतीय प्रौद्योगिकी संस्थान मद्रास चेन्नै 600 036 INDIAN INSTITUTE OF TECHNOLOGY MADRAS Chennai 600 036 भंडार एवं क्रय अनुभाग STORES & PURCHASE SECTION Email: adstores@iitm.ac.in दूरभाष: (044) 2257 8285 / 8286 / 8287 / 8288 फ़ैक्स: (044) 2257 8292 Telephone : (044) 2257 8285/8286/8287/8288 FAX: (044) 2257 8292 GSTIN : 33AAAI3615G1Z6 </p>	
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G. Chitrapavai
Deputy Registrar (Stores & Purchase)

Dated :14.03.2019

Tender No. IITM/SPS/Clinical Lab Service/014/2018-19

Due Date: 03.04.2019
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/eprocure/app> Aspiring Bidders who have not enrolled / registered in eprocurement should enroll / register before participating through the website <https://etenders.gov.in/eprocure/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/eprocure/app> as 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.

1	LAST DATE for receipt of Tender Date & Time of opening of Tender Pre bid meeting :	: 03.04.2019 before 02.00 p.m : 04.04.2019 at 03.00 p.m : 25.03.2019 at 12.00 pm Venue : Conference Room, 2nd floor, Admin Building If you need more clarification on this tender document, you are invited to attend the pre bid meeting.
A	Submission of Tender	As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal URL: https://etenders.gov.in/eprocure/app 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: https://etenders.gov.in/eprocure/app

		<p>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.</p> <p>No manual bid submission is entertained.</p>
B	Instructions for online bid submission	<p>REGISTRATION</p> <ol style="list-style-type: none"> i. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal URL:https://etenders.gov.in/eprocure/app by clicking on “Online Bidder Enrollment”. Enrolment on the CPP Portal is free of charge. ii. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts. 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. 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.) v. https://etenders.gov.in/eprocure/app?component=%24DirectLink&page=DSCInfo&service=direct&session=T with their profile. 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. 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.
Guidelines, Terms and Conditions of Tender		
C	Searching for tender documents	<ol style="list-style-type: none"> 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. 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 “My Tender” 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. iii. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.
D	Preparation of bids	<ol style="list-style-type: none"> i. Bidder should take into account any corrigendum published on the tender document before submitting their bids. 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. 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

			<p>option.</p> <p>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 “My Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Documents” 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.</p>
E	Submission of bids	:	<p>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.</p> <p>ii. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.</p> <p>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. 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.</p> <p>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.</p> <p>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.</p> <p>vi. The Tender Inviting Authority (TIA) 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.</p> <p>vii. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.</p> <p>viii. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.</p> <p>ix. Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.</p>
F	Assistance to bidders	:	<p>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.</p> <p>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]</p>

G	General Instructions to the Bidders	:	<ul style="list-style-type: none"> i. The tenders will be received online through portal https://etenders.gov.in/eprocure/app. In the Technical Bids, the bidders are required to upload all the documents in pdf format. 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 https://etenders.gov.in/eprocure/app iii. Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site https://etenders.gov.in/eprocure/app under the "Information about DSC"
H	Opening of the tender	:	<p>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.</p>
I	Earnest Money Deposit (EMD)	:	<ul style="list-style-type: none"> i. 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 03.04.2019 before 2:00 p.m. <p style="margin-left: 40px;"> Name : Registrar IIT Madras Bank : State Bank of India Account No : 10620824305 Branch : IIT MADRAS IFSC CODE : SBIN0001055 </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. iii. The EMD will be returned to unsuccessful tenderer only after the tender is finalized. iv. Performance Bank guarantee of 5% has to be submitted by way of DD/ bank guarantee by the successful bidder only. v. In case of successful tenderer, Performance Guarantee will be retained till the installation and completion of warranty period.
J	Marking on Technical Bid	:	<ul style="list-style-type: none"> i. The Scope of work for this tender is given in Annexure A. The tenderer shall go through the Scope of Work and submit the technical Bid. ii. The Technical bid should be in the proforma given as per Annexure B in pdf format and should be submitted only through online (e-tender). No manual submission of bid will be entertained. iii. All 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.
K	Marking on Financial Bid	:	<ul style="list-style-type: none"> i. Price bid should be submitted in the prescribed proforma in Annexure C as per BOQ in pdf format through e-tender only. No manual submission of bid will be entertained. ii. Price bid should indicate the discounted rate offered by the bidder. iii. The tender will be awarded to the L1 vendor for the total value offered for the common tests.

L.	Selection Criteria	:	The vendor should quote for all common tests. Otherwise the bid will be summarily rejected. The rate quoted for common tests will be taken up for price bid evaluation and L1 of the total common tests will be awarded with contract. The technical evaluation will be based on the vendor eligibility criteria and the technical submission on the common tests.
2	<p>Preparation of Tender:</p> <p>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.</p> <p>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. In the primary screening, technical bid of only those who satisfy the technical submission and Vendor Eligibility Criteria, scope of work and special terms and conditions will be evaluated.</p>		
3	<p>Signing of Tender:</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. Each page of the technical bid required to be signed and bears the official seal of the tenderers.</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>Period for which the offer will remain open:</p> <p>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.</p> <p>ii. Quotations qualified by such vague and indefinite expressions such as 'subject to immediate acceptance', 'subject to prior sale' will not be considered.</p> <p>iii. The Tender shall remain open for acceptance/validity till: 120 days from the date of opening of the tender</p>		
5	<p>Terms and conditions :</p> <p>Failure to comply with any of the instructions stated in this document or offering unsatisfactory explanations for non compliance will likely to lead to rejection of offers.</p>		
6	<p>Right of Acceptance:</p> <p>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>		
7	<p>Communication of Acceptance:</p> <p>Acceptance by the Purchaser will be communicated by Post, if required, and the Company's acceptance communicated to us formally in writing.</p>		
8	<p>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.</p>		
9	<p>Conditions of contract:</p> <p>Tenderer should quote on the basis of the conditions referred to in Para of the invitation to tender and</p>		

	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.
10	Tenderer shall submit along with his Tender: Name and full address of the Banker and their swift code and PAN No. and GSTIN number.
11	Jurisdiction: 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.
12	Force Majeure: 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"> • 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. • 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.
13	PERSONAL VISIT OF THE SITE: A committee of Officers & doctors will inspect the labs.
14	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"> a) If the bidder fails to provide any or all of the services within the period(s) specified in the contract. b) If the bidder fails to perform any other obligation(s) under the contract. c) If the bidder has engaged corrupt or fraudulent or unethical practices in competing for or in executing the contract.

-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

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 Phlebotomists should be for the service of IITM Campus Community.
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/- each 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. 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.
15. 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.
16. 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.
17. The Clinical Lab will, as and when required, should attend the meeting fixed by the Institute authorities or by the Institutes Hospital Committee.
18. 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.
19. The monthly Lab rent is subject to revision on yearly basis as approved by the competent authority
20. Loss due to, theft, fire accident etc, if any will be the sole responsibility of the service provider.
21. A committee of Officers & Doctors will inspect the Labs in Chennai area to verify and check the lab facilities available with the Lab Agency.

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. 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 be 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.

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 Bid

1. Vendor Eligibility Criteria

Sl. No.	Description	Compliance (YES/NO)	Reference page no.
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. The lab should have capacity and equipment for conducting the various Medical tests. The list of equipment available should be submitted		
3.	The average annual turnover of the tenderer should not less than Rs. 70 Lakh 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.		

2. List of Common Tests:

S.No	Name of Investigation	Is the firm willing to provide the test Yes/ No	Time Frame to submit report	Remarks
1	Urine routine –pH, Specific gravity, sugar, protein and			
2	24 hrs urine for Proteins			
3	Serum Ethanol			
4	Urine Drug panel			
5	Urine – Microalbumin			
6	Urine Ketones			

S.No	Name of Investigation	Is the firm willing to provide the test Yes/ No	Time Frame to submit report	Remarks
7	Urine Occult Blood			
8	Stool routine			
9	Stool occult blood			
10	Semen Analysis			
11	Body fluid (CSF/Ascitic Fluid etc,) Sugar, Protein etc			
12	Creatinine Clearance			
	Haematology			
13	Haemoglobin (Hb)			
14	Total Leucocytic Count (TLC)			
15	Differential Leucocytic Count (DLC)			
16	E.S.R			
17	Complete Haemogram – Hb, RBC Count and indices etc			
18	Platelet count			
19	Reticulocyte count			
20	Absolute Eosinophil count			
21	Packed Cell Volume (PCV)			
22	Peripheral Smear Examination			
23	Smear for Malaria Parasite			
24	Bleeding & Clotting Time			
25	Clot Retraction Time			
26	Prothrombin Time (P.T)			
27	Partial Thromboplastin			
28	WBC cytochemistry for leukemia – Complete panel			
29	Bleeding Disorder panel – BT,CT, Platelet			

S.No	Name of Investigation	Is the firm willing to provide the test Yes/ No	Time Frame to submit report	Remarks
	Anti Cardiolipin Antibodies			
30	IgG			
31	IgM			
32	IgA			
	Anti Phospholipid Antibodies			
34	IgG			
35	IgM			
36	IgA			
37	Serum Iron			
38	Total Iron Binding Capacity			
39	Vitamin B.12			
40	Vitamin D			
41	Folic Acid			
	Blood Bank			
42	Blood Group & RH Type			
43	Cross match			
44	Coomb/s Test Direct			
45	Coomb/s Test Indirect			
48	Australia Antigen			
49	Histopathology			
52	Routine – H&E			
54	Special Stain			
55	Immunohistochemistry			
57	Paraffin Section			
	Cytology			
58	Pap Smear			
59	Vaginal Cytology for Hormonal evaluation			

S.No	Name of Investigation	Is the firm willing to provide the test Yes/ No	Time Frame to submit report	Remarks
60	Body fluid for Malignant cells			
61	FNAC			
62	Special stain on cytology			
	Tumour Markers			
63	PSA – Total			
64	PSA – Free			
65	AFP			
66	HCG			
67	CA.125.			
68	Carcinoembryonic antigen (CEA)			
	Bio – Chemistry			
69	Blood Glucose Random			
70	Blood Urea Nitrogen			
71	Serum Creatinine			
72	Urea			
73	Sodium			
74	Potassium			
75	Chloride			
76	Bicarbonate			
77	Serum Uric Acid			
78	Serum Bilirubin total & direct			
79	Serum Iron			
80	Total Iron Binding Capacity			
81	Glucose (Fasting & PP)			
82	Serum Calcium – Total			
83	Serum Calcium – Ionic			
84	Serum Phosphorus			

S.No	Name of Investigation	Is the firm willing to provide the test Yes/ No	Time Frame to submit report	Remarks
85	Total Protein Alb/Glo Ratio			
86	S.G.P.T			
87	S.G.O.T			
88	Serum Amylase			
89	Serum Electrolyte			
90	Glucose Tolerance Test (GTT)			
91	C.P.K			
92	L.D.H.			
93	Alkaline Phosphatase			
94	Acid Phosphatase			
95	CK MB			
96	Trop I, TropT			
97	Lithium			
98	Dilantin (Phenytoin)			
99	Ferritin			
100	Urine Pregnancy Test			
101	Hb A 1C			
102	Kidney Function Test			
103	Liver Function Test			
104	Lipid Profile. (Total Cholesterol , LDL, HDL, triglycerides)			
105	Extended Lipid Profile (Total Cholesterol, LDL, HDL, triglycerides, Apo A1, Apo B, Lp(a))			
106	Chloride			
107	Magnesium			
108	GGTP			
109	Lipase			

S.No	Name of Investigation	Is the firm willing to provide the test Yes/ No	Time Frame to submit report	Remarks
	Hormones			
110	T3, T4, TSH			
111	T3			
112	T4			
113	T SH			
114	LH			
115	FSH			
116	Prolactin			
117	Cortisol			
118	Erythropoetin			
119	PTH (Parathormone)			
120	Calcitonin			
121	C –Peptide			
122	Insulin			
123	Progesterone			
124	17-DH Progesterone			
125	E2			
126	DHEAS.			
127	Androstenedione			
	Microbiology & Serology			
128	Smear gram-stain examination			
129	Sputum smear A.F.B. stain			
130	Vaginal Smear Examination			
131	V.D.R.L			
132	TPHA test			
133	Widal Test			
134	Rheumatoid Factor test			

S.No	Name of Investigation	Is the firm willing to provide the test Yes/ No	Time Frame to submit report	Remarks
135	Culture & Sensitivity – Bacterial			
136	Culture & Sensitivity – Mycobacterial			
137	Culture & Sensitivity – Mycology			
138	C.R.P			
139	C.R.P Quantative			
140	ASO Titer			
141	Quantitative H.C.G			
142	Blood culture & sensitivity – manual			
143	Blood culture & sensitivity – automated			
144	Rapid Blood Culture			
145	Rapid AFB Culture			
146	A NA			
147	Ds DNA			
148	P A NCA			
149	CANCA			
	Infectious disease serology			
150	HA V			
151	HbSAg – Elisa			
152	Anti HBS			
154	Anti HBC Total			
155	Anti HBC IgM			
156	HbeAg.			
157	Anti Hbe			
158	Anti – HCV			
159	Anti – HEV			
160	Triple Maker			

S.No	Name of Investigation	Is the firm willing to provide the test Yes/ No	Time Frame to submit report	Remarks
	TORCH			
161	IgG			
162	IgM			
163	Toxoplasmosis			
164	IgG			
165	IgM			
	CMV (Cytomegalo Virus)			
166	IgG			
167	IgM			
	HS V			
168	IgG			
169	IgM			
170	IgE			
	Tuberculosis			
171	TB IgG			
172	TB IgM			
173	TB IgA			
	Rubella			
174	Ig G			
175	Ig M			
176	Dengue Serology			
177	H1N1			
178	NS1 Antigen			
179	Anti Sperm Antibodies			
	HB V DNA			
180	Qualitative			

S.No	Name of Investigation	Is the firm willing to provide the test Yes/ No	Time Frame to submit report	Remarks
181	Quantitative			
	HCV RNA			
182	Qualitative			
183	HPV Serology			
184	Rota Virus serology			
185	Influenza A serology			
186	Coagulation Profile			
187	Protein C, Protein S, anti thrombin – III			
188	Anti TPO anti body			
189	Thyroid binding globulin			
190	Thyro globulin antibody			
191	Anti-Microsomal antibody			
192	Biopsy Small			
193	Biopsy Large			
194	Biopsy Organ			

3. List of Rare Investigations

Sl.No	Name of Investigation	Is the firm willing to provide the test Yes /No	Time Frame to submit report	Remarks
1	Quantitative Albumin/ Sugar			
2	Urine Bile Pigment and Salt			
3	Urine total protein			
4	Bence Jones protein			
5	Semen Analysis			
6	R.B.C. Fragility Test			
7	L.E. Cell			

Sl.No	Name of Investigation	Is the firm willing to provide the test Yes /No	Time Frame to submit report	Remarks
8	Foetal Haemoglobin (Hb- F)			
9	Glucose Phosphate Dehydrogenase (G, 6PD)			
10	Rapid Test for malaria (Card Test)			
11	Factor Assays – Factor VIII			
12	Factor Assays – Factor IX			
13	Factor Assays – other Factors			
14	Thalessemia studies			
15	Hb Electrophoresis			
16	Sickling Studies			
17	Leukemia panel/Lymphoma panel			
18	CD Count : CD3, CD4, CD8			
19	Karyotyping			
20	CA 19,9			
21	CA 5,3			
22	Carbamazepine			
23	Valproic acid			
24	Apo A1			
25	Apo B			
26	Lp (a)			
27	HB Electrophoresis			
28	Fibrinogen			
29	Fructosamine			
30	Creatinine Clearance			

Sl.No	Name of Investigation	Is the firm willing to provide the test Yes /No	Time Frame to submit report	Remarks
31	Growth Hormone			
32	C.3			
33	C.4			
34	Serum Copper			
35	Serum Ceruloplasmin			
36	Urinary Copper			
37	Serum Homocystine			
38	Serum Valproate level			
39	Serum PhenoBarbitone level			
40	Serum lactate level			
41	HBV genotyping			
42	HCV genotyping			
43	Urinary VMA			
44	Urinary Metanephrine/Normetanephrin			
45	Urinary Free Catecholamine			
46	Serum Catecholamine			
47	Serum aldosterone			
48	24 Hr urinary aldosterone			
49	Islet cell antibody			
50	GAD antibody			
51	Insulin associated antibody			
52	IGF -1			
53	Sex hormone binding globulin			

Sl.No	Name of Investigation	Is the firm willing to provide the test Yes /No	Time Frame to submit report	Remarks
54	24 hrs urine for Sodium			
55	24 hrs urine for creatinine			
56	24 hr urinary free cortisol			

4. **List of Equipment**

Sl.No	Name of the Equipment	Qty

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

ANNEXURE -C

BOQ

Price Bid Format

Tender No	IITM/SPS/Setting up of Clinical Lab/014/2018-19
Name of the Bidder	

1. List of Common Tests:

S.No	Name of Investigation	CGHS Approved Rates for NABL Lab	Discounted Rate offered by the Bidder	GST	Total Amount
1	Urine routine –pH, Specific gravity, sugar, protein and				
2	24 hrs urine for Proteins				
3	Serum Ethanol				
4	Urine Drug panel				
5	Urine – Microalbumin				
6	Urine Ketones				
7	Urine Occult Blood				
8	Stool routine				
9	Stool occult blood				
10	Semen Analysis				
11	Body fluid (CSF/Ascitic Fluid etc,) Sugar, Protein etc				
12	Creatinine Clearance				
	Haematology				
13	Haemoglobin (Hb)				
14	Total Leucocytic Count (TLC)				
15	Differential Leucocytic Count (DLC)				
16	E.S.R				

Price Bid – List of Common Test					
S.No	Name of Investigation	CGHS Approved Rates for NABL Lab	Discounted Rate offered by the Bidder	GST	Total Amount
17	Complete Haemogram – Hb, RBC Count and indices etc				
18	Platelet count				
19	Reticulocyte count				
20	Absolute Eosinophil count				
21	Packed Cell Volume (PCV)				
22	Peripheral Smear Examination				
23	Smear for Malaria Parasite				
24	Bleeding & Clotting Time				
25	Clot Retraction Time				
26	Prothrombin Time (P.T)				
27	Partial Thromboplastin				
28	WBC cytochemistry for leukemia – Concomplete panel				
29	Bleeding Disorder panel – BT, CT, Platelet				
	Anti Cardiolipin Antibodies				
30	IgG				
31	IgM				
32	IgA				
	Anti Phospholipid Antibodies				
34	IgG				
35	IgM				
36	IgA				
37	Serum Iron				
38	Total Iron Binding Capacity				
39	Vitamin B.12				

Price Bid – List of Common Test					
S.No	Name of Investigation	CGHS Approved Rates for NABL Lab	Discounted Rate offered by the Bidder	GST	Total Amount
40	Vitamin D				
41	Folic Acid				
	Blood Bank				
42	Blood Group & RH Type				
43	Cross match				
44	Coomb/s Test Direct				
45	Coomb/s Test Indirect				
48	Australia Antigen				
49	Histopathology				
52	Routine – H&E				
54	Special Stain				
55	Immunohistochemistry				
57	Paraffin Section				
	Cytology				
58	Pap Smear				
59	Vaginal Cytology for Hormonal evaluation				
60	Body fluid for Malignant cells				
61	FNAC				
62	Special stain on cytology				
	Tumour Markers				
63	PSA – Total				
64	PSA – Free				
65	AFP				
66	HCG				
67	CA.125.				

Price Bid – List of Common Test

S.No	Name of Investigation	CGHS Approved Rates for NABL Lab	Discounted Rate offered by the Bidder	GST	Total Amount
68	Carcinoembryonic antigen (CEA)				
	Bio - Chemistry				
69	Blood Glucose Random				
70	Blood Urea Nitrogen				
71	Serum Creatinine				
72	Urea				
73	Sodium				
74	Potassium				
75	Chloride				
76	Bicarbonate				
77	Serum Uric Acid				
78	Serum Bilirubin total & direct				
79	Serum Iron				
80	Total Iron Binding Capacity				
81	Glucose (Fasting & PP)				
82	Serum Calcium – Total				
83	Serum Calcium – Ionic				
84	Serum Phosphorus				
85	Total Protein Alb/Glo Ratio				
86	S.G.P.T				
87	S.G.O.T				
88	Serum Amylase				
89	Serum Electrolyte				
90	Glucose Tolerance Test (GTT)				

Price Bid – List of Common Test					
S.No	Name of Investigation	CGHS Approved Rates for NABL Lab	Discounted Rate offered by the Bidder	GST	Total Amount
91	C.P.K				
92	L.D.H.				
93	Alkaline Phosphatase				
94	Acid Phosphatase				
95	CK MB				
96	Trop I, TropT				
97	Lithium				
98	Dilantin (Phenytoin)				
99	Ferritin				
100	Urine Pregnancy Test				
101	Hb A 1C				
102	Kidney Function Test				
103	Liver Function Test				
104	Lipid Profile. (Total Cholesterol , LDL, HDL, triglycerides)				
105	Extended Lipid Profile (Total Cholesterol, LDL, HDL, triglycerides, Apo A1, Apo B, Lp(a))				
106	Chloride				
107	Magnesium				
108	GGTP				
109	Lipase				
	Hormones				
110	T3, T4, TSH				
111	T3				

Price Bid – List of Common Test					
S.No	Name of Investigation	CGHS Approved Rates for NABL Lab	Discounted Rate offered by the Bidder	GST	Total Amount
112	T4				
113	T SH				
114	LH				
115	FSH				
116	Prolactin				
117	Cortisol				
118	Erythropoetin				
119	PTH (Parathormone)				
120	Calcitonin				
121	C –Peptide				
122	Insulin				
123	Progesterone				
124	17-DH Progesterone				
125	E2				
126	DHEAS.				
127	Androstenedione				
	Microbiology & Serology				
128	Smear examination gram-stain				
129	Sputum smear A.F.B. stain				
130	Vaginal Smear Examination				
131	V.D.R.L				
132	TPHA test				
133	Widal Test				
134	Rheumatoid Factor test				

Price Bid – List of Common Test					
S.No	Name of Investigation	CGHS Approved Rates for NABL Lab	Discounted Rate offered by the Bidder	GST	Total Amount
135	Culture & Sensitivity – Bacterial				
136	Culture & Sensitivity – Mycobacterial				
137	Culture & Sensitivity – Mycology				
138	C.R.P				
139	C.R.P Quantative				
140	ASO Titer				
141	Quantitative H.C.G				
142	Blood culture & sensitivity – manual				
143	Blood culture & sensitivity – automated				
144	Rapid Blood Culture				
145	Rapid AFB Culture				
146	A NA				
147	Ds DNA				
148	P A NCA				
149	CANCA				
	Infectious disease serology				
150	HA V				
151	HbSAg – Elisa				
152	Anti HBS				
154	Anti HBC Total				
155	Anti HBC IgM				
156	HbeAg.				

Price Bid – List of Common Test					
S.No	Name of Investigation	CGHS Approved Rates for NABL Lab	Discounted Rate offered by the Bidder	GST	Total Amount
157	Anti Hbe				
158	Anti – HCV				
159	Anti – HEV				
160	Triple Maker				
	TORCH				
161	IgG				
162	IgM				
163	Toxoplasmosis				
164	IgG				
165	IgM				
	CMV (Cytomegalo Virus)				
166	IgG				
167	IgM				
	HS V				
168	IgG				
169	IgM				
170	IgE				
	Tuberculosis				
171	TB IgG				
172	TB IgM				
173	TB IgA				
	Rubella				
174	Ig G				
175	Ig M				
176	Dengue Serology				

Price Bid – List of Common Test					
S.No	Name of Investigation	CGHS Approved Rates for NABL Lab	Discounted Rate offered by the Bidder	GST	Total Amount
177	H1N1				
178	NS1 Antigen				
179	Anti Sperm Antibodies				
	HB V DNA				
180	Qualitative				
181	Quantitative				
	HCV RNA				
182	Qualitative				
183	HPV Serology				
184	Rota Virus serology				
185	Influenza A serology				
186	Coagulation Profile				
187	Protein C, Protein S, anti thrombin - III				
188	Anti TPO anti body				
189	Thyroid binding globulin				
190	Thyro globulin antibody				
191	Anti-Microsomal antibody				
192	Biopsy Small				
193	Biopsy Large				
194	Biopsy Organ				
Total Value					

Total Value in Words:

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

2. List of Rare Investigations:

S.No	Name of Investigation	CGHS Approved Rates for NABL Lab	Discounted Rate offered by the bidder	GST	Total Amount
1	Quantitative Albumin/ Sugar				
2	Urine Bile Pigment and Salt				
3	Urine total protein				
4	Bence Jones protein				
5	Semen Analysis				
6	R.B.C. Fragility Test				
7	L.E. Cell				
8	Foetal Haemoglobin (Hb- F)				
9	Glucose Phosphate Dehydrogenase (G, 6PD)				
10	Rapid Test for malaria (Card Test)				
11	Factor Assays – Factor VIII				
12	Factor Assays – Factor IX				
13	Factor Assays – other Factors				
14	Thalessemia studies				
15	Hb Electrophoresis				
16	Sickling Studies				
17	Leukemia panel/Lymphoma panel				
18	CD Count : CD3, CD4, CD8				
19	Karyotyping				
20	CA 19,9				
21	CA 5,3				

Price Bid – List of Rare Test					
S.No	Name of Investigation	CGHS Approved Rates for NABL Lab	Discounted Rate offered by the bidder	GST	Total Amount
22	Carbamazepine				
23	Valproic acid				
24	Apo A1				
25	Apo B				
26	Lp (a)				
27	HB Electrophoresis				
28	Fibrinogen				
29	Fructosamine				
30	Creatinine Clearance				
31	Growth Hormone				
32	C.3				
33	C.4				
34	Serum Copper				
35	Serum Ceruloplasmin				
36	Urinary Copper				
37	Serum Homocystine				
38	Serum Valproate level				
39	Serum PhenoBarbitone level				
40	Serum lactate level				
41	HBV genotyping				
42	HCV genotyping				

Price Bid – List of Rare Test					
S.No	Name of Investigation	CGHS Approved Rates for NABL Lab	Discounted Rate offered by the bidder	GST	Total Amount
43	Urinary VMA				
44	Urinary Metanephrine/Normetanephrin				
45	Urinary Free Catecholamine				
46	Serum Catecholamine				
47	Serum aldosterone				
48	24 Hr urinary aldosterone				
49	Islet cell antibody				
50	GAD antibody				
51	Insulin associated antibody				
52	IGF -1				
53	Sex hormone binding globulin				
54	24 hrs urine for Sodium				
55	24 hrs urine for creatinine				
56	24 hr urinary free cortisol				
Total					

Total Value in Words:

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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)	OPEN
Tender Category (Services/Goods/works)	Goods/Services
Type/Form of Contract (Work/Supply/ Auction/ Service/ Buy/ Empanelment/ Sell)	Rate Contract
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	14.03.2019
Document Download/Sale Start Date	14.03.2019
Document Download/Sale End Date	03.04.2019 at 02.00 pm
Last Date and Time for Uploading of Bids	03.04.2019 before 02.00 pm
Date and Time of Opening of Technical Bid	04.04.2019 at 03.00 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	adstores@iitm.ac.in