



JINNAH SINDH MEDICAL UNIVERSITY, KARACHI

NATIONAL COMPETITIVE BIDDING

FOR

**REAGENTS, KITS & CONSUMABLE ITEMS FOR JSMU
DIAGNOSTIC LABORATORY, ON ANNUAL CONTRACT RATE
JINNAH SINDH MEDICAL UNIVERSITY, KARACHI**

JULY - 2019

Jinnah Sindh Medical University

Rafiqi H.J. Shaheed Road, Karachi. Postal Code# 75510

www.Jsmu.edu.pk Tel: 35223812-15 (Ext- 350) Fax # 99201372

LIST OF CONTENTS

PART	DESCRIPTION
Part-I	NOTICE INVITING TENDERS
Part-II	INSTRUCTIONS TO BIDDERS
Part-III	GENERAL CONDITIONS OF CONTRACT
Part-IV	BID DATA SHEET
Part-V	SPECIAL CONDITIONS OF CONTRACT
Part-VI	SCHEDULE OF REQUIREMENT
Part-VII	TECHNICAL SPECIFICATION
Part-VIII	SAMPLE FORM



JINNAH SINDH MEDICAL UNIVERSITY KARACHI PROCUREMENT DEPARTMENT

Ref No. JSMU/PROC/NIT/2019/03/ 8640

Dated 9-7-2019

NOTICE INVITING TENDER

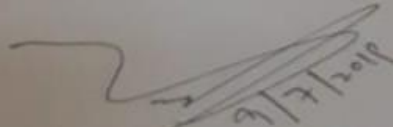
Jinnah Sindh Medical University, Invites Sealed Bids from Reputable and well experienced firms/ Companies & authorized dealers/ Agents, registered with FBR in Income Tax & Sales Tax & enlisted as Active tax payer for work as details given below

Name of Work	Earnest Money/ Bid Security	Tender Fee	Date of Issuance, Submission and Opening
REAGENTS, KITS & CONSUMABLE ITEMS FOR JSMU DIAGNOSTIC LABORATORY ON ANNUAL CONTRACT RATE	3%	Rs 2000 /-	ISSUANCE: 13-07-2019 To 29-07-2019 (During Working Hours) SUBMISSION: 30-07-2019 till 11:00 Hours OPENING: 30-07-2019 at 11:30 Hours

METHOD OF PROCUREMENT: SINGLE STAGE TWO ENVELOPE PROCEDURE.

TERMS AND CONDITIONS:

- Tender Documents may be purchased by interested bidders on the submission of Income Tax and SST Certificate alongwith a written application to the Incharge Procurement Department, 3rd Floor, JSMU, Karachi during office hours on payment of Rs. 2000/- in shape of pay order in favor of Jinnah Sindh Medical University, (Non-Refundable & Non-Transferable)
- Tender Documents can be downloaded from Jinnah Sindh Medical University's website www.jsmu.edu.pk or Sindh Public Procurement Regulatory Authority (SPPRA) website <https://ppms.pprasinhd.gov.pk>.
- The tenders shall be opened by Procurement Committee in the presence of bidders or their authorized representatives who wish to be present.
- In case of holiday or any incident tender will be submitted & opened on the next working day as per given schedule.
- 03% bid security in shape of pay order shall be submitted of the total Bid Value in favor of Jinnah Sindh Medical University, Karachi.
- All required documents along with NTN/GST/SST & Professional Tax Certificate etc, must be attached with technical proposal
- All prescribed taxes applicable under Federal / Provincial/ local Government shall borne by bidder
- The firm / Bidder must enclose an Affidavit on stamp paper of Rs. 100/- stated that firm has not been blacklisted by any Government Semi Government or Autonomous bodies. If at any stage firm / bidder found blacklisted the bid shall be rejected / not considered.
- Conditional Bids, Telegraphic Bids, Bids not accompanied by Bid Security of required amount, Bids received after specific date & time will be rejected
- The procuring agency may cancel/Delete any item or decrease or increase in quantity as per relevant provision of SPPRA Rules 2010 (Amended 2019).


 INCHARGE PROCUREMENT DEPARTMENT
 Jinnah Sindh Medical University Karachi

Rafiqi H.J. Shaheed Road, Karachi, Postal Code# 75510
 Tel: +92 21-99205185 Ext. 1047-1048, Fax # 99201372 www.jsmu.edu.pk

Instruction to bidders**Preparation of Bids**

1.	Scope	1.1	The Jinnah Sindh Medical University, Karachi intend to Purchase REAGENTS, KITS & CONSUMABLE ITEMS FOR JSMU DIAGNOSTIC LABORATORY, ON ANNUAL CONTRACT RATE JINNAH SINDH MEDICAL UNIVERSITY, KARACHI Through National Competitive Bidding Single Stage Two Envelope Procedure as per SPPRA Rules-2010 (Amended 2019).
2.	Language of Bid	2.1	The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Procuring agency shall be written in the English language.
3.	Documents Comprising the Bid	3.1	The bid prepared by the Bidder shall comprise the following components: a) Price Schedule completed in accordance with ITB Clauses 4, 5 and 6. b) Bid security furnished in accordance with ITB Clause-9.
4.	Bid Prices	4.1	The Bidder shall indicate on the appropriate Price Schedule the unit prices (where applicable) and total bid price of the goods it proposes to supply under the contract.
		4.2	The prices shall be quoted on delivery to consignee's end inclusive of all taxes, stamps, duties, levies, fees and installation and integration charges imposed till the delivery location specified in the schedule of Requirements. No separate payment shall be made of the incidental services.
		4.3	Prices quoted by the by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet.
		4.4	Prices shall be quoted in Pak Rupees unless otherwise specified in the Bid Data Sheet.
5.	Bid Form	5.1	The Bidder shall complete the Bid Form and the appropriate Price Schedule furnished in the bidding documents, indicating the goods to be supplied, a brief description of the goods, and their country of origin, quantity, and prices.
6.	Bid Currencies	6.1	Prices Shall be quoted in Pak Rupees.
7.	Documents Establishing Bidder's Eligibility and Qualification	7.1	The Bidder shall furnish, as part of its bid, documents establishing the Bidder's eligibility to bid and its qualifications to perform the contract if its bid is accepted. a) that, in the case of a Bidder offering to supply goods under the contract which the bidder did not manufacture or otherwise produce, the bidder has been duly authorized by the good Manufacture or producer to supply the goods in the Islamic Republic of Pakistan. b) that the Bidder has the financial ,technical ,and production capability necessary to perform the contract; c) that the Bidders meets the qualification criteria listed in the Bid Data Sheet.
8.	Documents Establishing Goods' Eligibility and Conformity to Bidding Documents	8.1	The documents evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings, and Data, and shall consist of: (a) a detailed description of the essential technical and performance characteristics of the goods; (b) the Bidder shall note that standards for workmanship, material ,and equipment, as well as references to brand names or catalogue numbers designated by the Procuring agency in its Technical Specification are intended to be descriptive only and not restrictive :till stated otherwise in Technical Specifications or Bid Data Sheet .The Bidder may substitute alternative standards, brand names , and /or catalogue numbers in its bid , provided that demonstrates to the Procuring agency's satisfaction that the substitutions ensure substantial equivalence to those designated in the in the Technical Specifications

9.	Bid Security	9.1	<p>The bid security is required to protect the Procuring agency against the risk of Bidder's conduct, which would warrant the security's forfeiture. The bid security shall be denominated in the currency of the of the bid:</p> <ul style="list-style-type: none"> a) at the Bidder's option, be in the form of either demand draft/call deposit or an unconditional bank guarantee from a reputable Bank; b) be submitted in its original form: copies will not be accepted; c) remain valid for a period of at least 14 days beyond the original validity period of bids, or at least 14 days beyond any extended period of bid validity.
		9.2	<p>Bid security shall release to the unsuccessful bidders once the contract has been signed with the successful bidder or the validity period has expired.</p>
		9.3	<p>The successful Bidder's bid security shall be discharged upon the Bidder signing the contract, and furnishing the performance security.</p>
		9.4	<p>The bid security may be forfeited:</p> <ul style="list-style-type: none"> a) if a Bidder withdraws its bid during the period of bid validity or b) in the case of a successful Bidder, if the bidder fails: <ul style="list-style-type: none"> (i) to sign the contract in accordance or (ii) to furnish performance security
10.	Period of Validity of Bids	10.1	<p>Bids shall remain valid for the period specified in the Bid Data Sheet after the date of bid opening prescribed by the Procuring agency. A bid valid for a shorter period shall be rejected by the Procuring agency as non-responsive.</p>
		10.2	<p>In exceptional circumstances, the Procuring agency may solicit the Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. The bid security shall also be suitable extended. A Bidder may refuse the request without forfeiting its bid security. A Bidder granting the request will not be required not be required nor permitted to modify its bid.</p>
11.	Format and Signing of Bid	11.1	<p>The Bidder shall prepared an original and the number of copies of the bid indicated in the Bid Data Sheet, clearly marking each "ORIGINAL BID" as appropriate. In the event of any discrepancy between them, the original shall govern.</p>
		11.2	<p>The original and the copy or copies of the bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. All pages of the bid, except for un-amended printed literature, shall be initialed by the person or persons signing the bid.</p>
		11.3	<p>Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.</p>

SUBMISSION OF BIDS

12.	Sealing and Marking of Bids	12.1	The Bidder shall seal the original bid in envelope, duly marking the envelope as “ ORIGINALBID ”. The envelope shall then be sealed in an outer envelope. The inner and outer envelope shall be addressed to the Procuring agency at the address given in the BDS, and carry statement <u>“DO NOT OPEN BEFORE 30-07-2019 at 11:30 AM”</u>
		12.2	If the outer envelope is not sealed and marked as required, the Procuring agency shall assume no responsibility for the bid’s misplacement or premature opening.
13.	Deadline for Submission of Bids	13.1	Bids must be received by the Procuring agency at the address specified in BDS, not later than the time and date specified in Bid Data Sheet.
		13.2	The Procuring agency may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents, in such case all rights and obligations of the Procuring agency and bidders previously subject to the deadline will thereafter be subject to the deadline.
14.	Late Bids	14.1	Any bid received by the Procuring agency after the deadline for submission of bids prescribes by the Procuring agency shall be rejected and returned unopened to the Bidder.
15.	Modification and Withdrawal of Bids	15.1	The Bidder may modify or withdraw its bid after the bid’s submission, provided that written notice of the modification, including substitution or withdrawal of the bids, is received by the Procuring agency prior to the deadline prescribed for submission of bids.
		15.2	No bid may be modified after the deadline for submission of bids.
		15.3	No bid may be withdrawn in the interval between the deadline for submission of bids and the expiry of the period of bid validity withdrawal of a bid during this interval may result in the Bidder’s forfeiture of its bid security.

OPENING AND EVALUATION OF BIDS

16.	Opening of Bids by the Procuring agency	16.1	The Procuring agency shall open all bids in the presence of bidder's representatives who choose to attend, at the time, on the date, and at the place specified in the Bid Data Sheet. The bidders' representatives who are present shall sign a register/attendance sheet evidencing their attendance.
		16.2	The bidders' names, bid modifications or withdrawals, bid prices, discounts, and the presences or absence of requisite bid security and such other details as the Procuring agency, at its discretion, may consider appropriate, will be announced at the opening.
17.	Clarification of Bids	17.1	During evaluation of the bids, the Procuring agency may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted.
18.	Preliminary Examination	18.1	The Procuring agency shall examine the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are generally in order.
		18.2	Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the correction of the errors, its bid will be rejected, and its bid security may be forfeited. If there is a discrepancy between words and figures, the amount in words will prevail.
		18.3	Prior to the detailed evaluation, the Procuring agency will determine the substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Procuring agency's determination of a bid's responsiveness is to be based on the contents of the bid itself.
		18.4	If a bid is not substantially responsive, it will be rejected by the Procuring agency and may not subsequently be made responsive by the Bidder by correction of the nonconformity.
19.	Evaluation and Comparison of Bids	19.1	The Procuring agency will evaluate and compare the bids which have been determined to be substantially responsive.
		19.2	The Procuring agency's evaluation of a bid will be on delivery to consignee's end inclusive of all taxes, stamps, duties, levies, fees and installation and integration charges imposed till the delivery location and shall exclude any allowance for price adjustment during the period of execution of the contract.
20.	Contacting the procuring agency	20.1	No Bidder shall contact the procuring agency on any matter relating to its bid, from the time of bid opening to the time the announcement of Bid Evaluation Report. If the Bidder wishes to bring additional information to the notice of the procuring agency, it should do so in writing.
		20.2	Any effort by a Bidder to influence the Procuring agency in its decision on bid evaluation, bid comparison, or contract award may result in the rejection of the Bidder's bid.

AWARD OF CONTRACT

21.	Post – Qualification	21.1	In the absence of prequalification, the procuring agency may determine to its satisfaction whether that selected Bidder having submitted the lowest evaluation responsive bid is qualified to perform the contract satisfactorily.
		21.2	The determination will take into account the Bidder’s financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder’s qualifications submitted by the Bidder, pursuant to ITB Claus-7 as well as such other information as the Procuring agency deems necessary and appropriate.
		21.3	An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder’s bid, in which event the Procuring agency will proceed to the next lowest evaluated bid to perform satisfactorily.
22.	Award Criteria	22.1	The Procuring agency will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.
23.	Procuring agency’s Right to Accept any Bid and to Reject any or All Bids	23.1	Subject to relevant provisions of SPP Rules 2010 (Amended 2013), the Procuring agency reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to contract award.
		23.2	Pursuant to Rule 45 of SPP Rules 2010 (Amended 2013), Procuring agency shall hoist the evaluation report on Authority’s web site, and intimate to all the bidders seven days prior to notify the award of contract.
24.	Notification of Award	24.1	Prior to the expiration of the period of bid validity, the Procuring agency shall notify the successful Bidder in writing, that its bid has been accepted.
		24.2	Upon the successful Bidder’s furnishing of the performance security pursuant to ITB Clause 26, the Procuring agency will promptly notify each unsuccessful Bidder and will discharge its bid security.
25.	Signing of Contract	25.1	At the same time as the Procuring agency notifies the successful Bidder that its bid has been accepted, the Procuring agency will send the Bidder the Contract Form provided in the bidding documents, incorporating all agreements between the parties.
		25.2	Within fourteen (14) days, or any other period specified in BDS, of receipt of the Contract Form, the successful Bidder shall sign and date the contract and return it to the Procuring agency.

26.	Performance Security	26.1	Within seven (15) days, or any other period specified in BDS, of the receipt of notification of award from the Procuring agency, the successful Bidder shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the bidding documents, or in another form acceptable to the Procuring agency.
		26.2	Failure of the successful Bidder to comply with the requirement of ITB Clause 25 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Procuring agency may make the award to the next lowest evaluated Bidder or call for new bids.
27.	Corrupt or Fraudulent Practices	27.1	<p>The Government of Sindh requires that Procuring agency's (including beneficiaries of donor agencies' loans), as well as Bidders/Suppliers/Contractors under Government-financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the SPPRA, in accordance with the SPP Act, 2009 and Rules made there under:</p> <p>(a) “Corrupt and Fraudulent Practices” means either one or any combination of the practices given below;</p> <p>(i) “Coercive Practice” means any impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;</p> <p>(ii) “Collusive Practice” means any arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;</p> <p>(iii) “Corrupt Practice” means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;</p> <p>(iv) “Fraudulent Practice” means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;</p> <p>b) “Obstructive Practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights provided for under the Rules.</p>

GENERAL CONDITIONS OF CONTRACT

1. Definitions	<p>1.1 In this Contract, the following terms shall be interpreted as indicated:</p> <p>(a) “The Contract” means the agreement entered into between the Procuring agency and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.</p> <p>(b) “The Contract Price” means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.</p> <p>(c) “The Goods” means all of the equipment, machinery, and/or other materials, which the Supplier is required to supply to the Procuring agency under the Contract.</p> <p>(d) “The Services” means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Supplier covered under the Contract.</p> <p>(e) “GCC” means the General Conditions of Contract contained in this section.</p> <p>(f) “SCC” means the Special Conditions of Contract.</p> <p>(g) “The Procuring agency” means the Sindh Public Procurement Regulatory Authority (SPPRA), Government of Sindh.</p> <p>(h) “The Supplier” means the individual or firm supplying the Goods and Services under this Contract.</p> <p>(i) “SPP Rules 2010” means the Sindh Public Procurement Rules 2010 (Amended 2013).</p> <p>(j) “Day” means calendar day.</p>
2. Standards	<p>The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods’ country of origin. Such standards shall be the latest issued by the concerned institution.</p>
3. Patent Rights	<p>The Supplier shall indemnify the Procuring agency against all third- party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the Islamic Republic of Pakistan.</p>
4. Performance Security	<p>4.1 Within seven (07) days, or any other duration as specified in SCC, of receipt of the notification of Contract award, the successful Bidder shall furnish to the Procuring agency the performance security in the amount specified in SCC.</p> <p>4.2 The proceeds of the performance security shall be payable to the Procuring agency as compensation for any loss resulting from the Supplier’s failure to complete its obligations under the Contract.</p> <p>4.3 The performance security shall be denominated in the Pak rupees and shall be an unconditional bank guarantee, pay order, call deposit as, provided in the bidding documents or another form acceptable to the Procuring agency;</p> <p>4.4 The performance security will be discharged by the Procuring agency and returned to the Supplier not later than thirty (30) days following the date of completion of the</p>

	Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.
5 Inspections and Tests	<p>5.1 The Procuring agency or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring agency. The Procuring agency shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.</p> <p>5.2 Should any inspected or tested Goods fail to conform to the Specifications, the Procuring agency may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Procuring agency.</p> <p>5.4 The Procuring agency's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Manufacturer.</p> <p>5.5 Nothing in GCC Clause 5 shall in any way release the Supplier from any warranty or other obligations under this Contract.</p>
6. Packing	The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage.
7. Delivery and Documents	Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping/ transportation and/or other documents to be furnished by the Supplier are specified in SCC.
8. Insurance	The Goods supplied under the Contract shall be delivered consignee's end under which risk is transferred to the Procuring agency after having been delivered; hence insurance coverage is Supplier's responsibility.
9. Transport ation	The Supplier is required under the Contact to transport the Goods to a specified place of destination and shall be arranged by the Supplier, and related costs shall be deemed to have been included in the Contract Price.
10. Incidental Services	<p>10.1 The Supplier may be required to provide any or all of the following services, including additional services, if any, specified in SCC:</p> <p>(a) performance or supervision of on-site assembly and/or start-up of the supplied Goods;</p> <p>(b) furnishing of tools required for assembly and/or maintenance of the supplied Goods;</p> <p>(c) furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;</p> <p>(d) performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract;</p>
11. Spare Parts	<p>11.1 The Supplier should provide any or all of the notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</p> <p>(a) such spare parts as the Procuring agency may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under the Contract; and</p> <p>(b) in the event of termination of production of the spare parts:</p>

	<p>(i) advance notification to the Procuring agency of the pending termination, in sufficient time to permit the Procuring agency to procure needed requirements; and</p> <p>(ii) Following such termination, furnishing at no cost to the Procuring agency, the blueprints, drawings, and specifications of the spare parts, if requested.</p>
12. Warranty	<p>12.1 The Supplier warrants that the Goods supplied under the Contract are new, unused, of desired models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Procuring agency's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.</p> <p>12.2 This warranty shall remain valid as per BOQ (03 Years and 01 Year wherever applicable) after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract.</p> <p>12.3 If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, within a reasonable period, the Procuring agency may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring agency may have against the Supplier under the Contract.</p>
13. Payment	<p>13.1 The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.</p> <p>13.2 The Supplier's request(s) for payment shall be made to the Procuring agency in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and upon fulfillment of other obligations stipulated in the Contract.</p> <p>13.3 Payments shall be made promptly by the Procuring agency, but in no case later than thirty (30) days after submission of an invoice or claim by the Supplier.</p> <p>13.4 The currency of payment is Pak. Rupees.</p>
14. Prices	<p>Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid,</p>
15. Contract Amendments	<p>No variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.</p>
16. Delays in the Supplier's Performance	<p>16.1 Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring agency in the Schedule of Requirements.</p> <p>16.2 If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Procuring agency in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Procuring agency shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.</p> <p>16.2 Except as provided under GCC Clause 17 a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages unless an extension of time is agreed upon pursuant to GCC Clause 16.2 without the application of liquidated damages.</p>

17. Liquidated Damages	Subject to GCC Clause 20, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in SCC. Once the maximum is reached, the Procuring agency may consider termination of the Contract pursuant to GCC Clause 18.
18. Termination for Default	18.1 The Procuring agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part: (a) if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring agency pursuant to GCC Clause 16; or (b) If the Supplier fails to perform any other obligation(s) under the Contract. (c) If the Supplier, in the judgment of the Procuring agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.
19. Force Majeure	19.1 Notwithstanding the provisions of GCC Clauses 16, 17 and 18, the Supplier 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. 19.2 For purposes of this clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Procuring agency in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes. 19.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring agency in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring agency 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.
20. Resolution of Disputes	Resolution of dispute shall be through Mechanism for Redressal of Grievances as provided in the rules or through Arbitration Act 1942.
21. Governing Language	The Contract shall be written in English language all correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.
22. Applicable Law	The Contract shall be interpreted in accordance with the SPP Rules 2010 (amended 2013).
24. Taxes and Duties	Supplier shall be entirely responsible for all taxes, duties (including stamp duty), license fees, etc., incurred until delivery of the contracted Goods to the Procuring agency.
25. Overriding effect of Sindh Public Procurement Rules 2010 (Amended 2013)	In case of conflict or primacy of interpretation the provisions of SPP Rules 2010 (amended 2013) shall have an overriding effect notwithstanding anything to the contrary contained in these bidding documents

Bid Data Sheet

The following specific data for “**REAGENTS, KITS & CONSUMABLE ITEMS FOR JSMU DIAGNOSTIC LABORATORY, ON ANNUAL CONTRACT RATE JINNAH SINDH MEDICAL UNIVERSITY, KARACHI**” to be procured shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITB) Part One. Whenever there is a conflict, the provisions herein shall prevail over those in ITB.

Introduction	
ITB 1	Name of Procuring Agency: Procurement Department, Jinnah Sindh Medical University, Karachi. Telephone No. 021-35223812-15 Ext-350, Fax 021-99201372.
ITB 2	Name of Contract. REAGENTS, KITS & CONSUMABLE ITEMS FOR JSMU DIAGNOSTIC LABORATORY, ON ANNUAL CONTRACT RATE JINNAH SINDH MEDICAL UNIVERSITY, KARACHI
BID PRICE AND CURRENCY	
ITB 3	Prices quoted by the Bidder shall be “ Fixed” and in” Pak Rupees”
Preparation and Submission of Bids	
ITB 4	<p>Selection Criteria / Responsiveness Criteria:</p> <ol style="list-style-type: none"> 1. The bidder must have done at least Three (03) Contacts of relevant nature in any of last three years (Please submit copy of PO/Contract Agreement/Notification of Award) 2. The Bidder should not have been barred by any of Provincial or Federal Govt. Department, Agency, Organization or autonomous body or Private sector organization anywhere in Pakistan. (Submission of undertaking on 100/- legal stamp paper). 3. The bidder should be Original Equipment Manufacturer (OEM) or its authorized dealers or partners. The authorized dealer/agent will be required to submit manufacturer’s authorization letter, on the letter head duly signed by authorized signatory. 4. Latest Income Tax Certificate (NTN), valid GST Registration Certificate. 5. The bidder must have turnover/sales exceeding 05 Million in PKR annually in any of last three years. (Submission of Audited Annual Reports or Bank Statements) 6. Price offered for the partial quantity will be accepted 7. Standard Warranty required. 8. All quoted items must brand new / un-used. 9. Alternative bids/ items will not be accepted. 10. Tender Document duly signed and stamped each page by the bidder along with complete company profile must be attached with technical bid. 11. No Bid will be accepted through email or by post. 12. Any Bid Received to JSMU after the date and time of tender submission will not be accepted. <p>Note: Bidder must provide necessary supporting documents as proof in respect of the selection criteria mentioned above.</p>
ITB 5	Amount of bid security. 3% of total quoted amount
ITB 6	Bid validity period. 90 days
ITB 6.1	Bid validity Clarification may be requested not later than 05 days before the submission date For Clarification of bid purposes only, the Purchaser’s address is: Attention: Procurement Officer Address: Rafiqi H.J. Shaheed Road, Karachi.
ITB 7	Number of copies. One original
ITB 8	Amount of Performance Guarantee of @ 5% of the Bidding amount for the whole agreement period
ITB 8.1	Stamp duty 0.35% or notify by the Govt of Sindh shall be paid by successful bidder as stamp duty
ITB 9	Deadline for bid submission. 30-07-2019 at 11:00 AM
ITB 10	Bid Evaluation: Lowest evaluated bid

Special Conditions of Contract

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

1. Definitions (GCC Clause 1)

GCC 1 (g)—The Procuring Agency is: Office of the P&D/Procurement Department Jinnah Sindh Medical University, Karachi.

2. Performance Security (GCC Clause 4)

GCC4—The amount of performance security, as a percentage of the Contract Price, shall be: 5% of the bid amount.

3. Inspections and Tests (GCC Clause 5)

Representative of Procuring Agency or his nominee shall inspect the procured good and ensure that it meets the tender specifications before its acceptance

4. Delivery and Documents (GCC Clause 7)

GCC 10—Supplier shall supply and install the good within **30 Days** after signing the contract and shall submit the following.

- (i) Supplier's invoice showing Goods' description, quantity, unit price, and total amount;
- (ii) Packing List identifying the contents of Supply;
- (iii) Delivery note.
- (iv) Warranty and guarantee certificate;

5. Warranty (GCC Clause 12)

The equipment shall bear Standard warranty (with free parts & labor) from the date of installation / acceptance. Upon expiration of warranty, Purchaser at its option may enter into a Service Level Maintenance Agreement upon expiry of the warranty period in accordance with terms embodied in Appendix-A hereto

6. Payment (GCC Clause 13)

Hundred percent (100%) of the Contract Price shall be paid upon delivery, and satisfactory Installation, integration and testing of the products at the Project site (s), subject to the production of installation and Operational Acceptance certificates duly signed by authorized Representative/nominee of the SPPRA.

7. Liquidated Damages (GCC Clause 18)

If the Supplier fails to deliver the goods or perform the services within the time period(s) specified in the contract, the Purchaser shall, without prejudice to its other remedies under the contract deduct from the Contract Price, as liquidated damages, a sum equivalent to 0.07 percent of the Contract Price for each day of delay until actual delivery or performance, up to a maximum deduction of 10% of the Contract Price. Once the maximum is reached, the purchaser may consider termination of the contract.

8. Resolution of Disputes (GCC Clause 21)

In the case of a dispute between the Procuring agency and the Supplier, the dispute shall be referred to the dispute resolution mechanism as defined in rule 31, 32 and 34 of the (SPPR 2010) Amended 2013

9. Applicable Law (GCC Clause 23)

GCC 29.1 Contract shall be interpreted in accordance with the Sindh Public Procurement law of Sindh

SCHEDULE OF REQUIREMENTS

REAGENTS, KITS & CONSUMABLE ITEMS FOR JSMU DIAGNOSTIC LABORATORY, ON ANNUAL CONTRACT RATE JINNAH SINDH MEDICAL UNIVERSITY, KARACHI

S.NO	Item name	Tentative Required quantity	Unit Cost	Amount	
1	AU ALT	6			30 days at Store Section ,JSMU
2	AU Albumin	1			
3	AU ALP	8			
4	AU AST	6			
5	AU Creatinin	3			
6	AU Direct Bilirubin	8			
7	AU GGT	6			
8	AU Glucose	3			
9	AU Total Bilirubin	4			
10	AU Total Protein	1			
11	AU Urea	3			
12	AU Uric Acid	3			
13	AU Wash Solution	3			
14	AU Cleaing Solution(Contimination Avoidance	3			
15	AU ISE Buffer	3			
16	AU ISE MID STD	3			
17	AU ISE REFERENCE	3			
18	AU cleaning solution (ISE)	2			
19	AU Multi Calibrator	2			
20	AU Multi Control-1	2			
21	AU Multi Control-2	2			
22	AU ISE serum standard low	1			
23	AU ISE serum standard high	1			
24	ARC ANTI TPO RGT	1			
25	ARCANTI TPO CAL	1			
26	ARCANTI TPO CTL	1			
27	ARC ANTI ICARBAMAZ RGT	1			
28	ARC ICARBAMAZ CAL	1			
29	DS ARC IVALPROIC ACID RGT	1			
30	ARCIVALPROIC ACID CAL	1			
31	ARC CA15-3 RGT	1			
32	ARC CA15-3 CAL	1			
33	ARC CA15-3 CTL	1			
34	ARC CA19-9 RGT	1			
35	ARC CA19-9 CAL	1			

36	ARC CA19-9 CTL	1		
37	ARC IVANCOMYCIN RGT	1		
38	ARC IVANCOMYCIN CAL	1		
39	ARC ANTI CCP RGT	6		
40	ARC ANTI CCP CAL	1		
41	ARC ANTI CCP CTL	1		
42	ARC Trop-I REAGENT	6		
43	ARC Trop-I CALIBRATOR	1		
44	ARC Trop-I Control	1		
45	ARC HIV Ag/Ab RGT	24		
46	ARC HIV Ag/Ab CTL	2		
47	ARC HIV Ag/Ab CAL	1		
48	ARC FT3 RGT	1		
49	ARC FT3 CTL	1		
50	ARC FT3 CAL	1		
51	ARC HBSAB RGT	3		
52	ARC HBSAB CTL	1		
53	ARC HBSAB CAL	1		
54	ARC BHCG RGT	1		
55	ARC BHCG CTL	1		
56	ARC BHCG CAL	1		
57	ARC RUBELLA IGG RGT	2		
58	ARC RUBELLA IGG CTL	1		
59	ARC RUBELLA IGG CAL	1		
60	ARC RUBELLA IGM RGT	2		
61	ARC RUBELLA IGM CTL	1		
62	ARC RUBELLA IGM CAL	1		
63	ARC FT4 RGT	1		
64	ARC FT4 CTL	1		
65	ARC FT4 CAL	1		
66	ARC ANTI HBC IGM	1		
67	ARCH ANTI HBC IGM CTL	1		
68	ARCH ANTI HBC IGM CAL	1		
69	ARC VIT D REAGENT	1		
70	ARC VIT D CAL	1		
71	ARC VIT D CTL	1		
72	ARC B12 REAGENT	4		
73	ARC B12 CTL	1		
74	ARC B12 CAL	1		
75	ARC ANTI HBC 11	2		
76	ARC ANTI HBC 11 CTL	1		
77	ARC ANTI HBC 11 CAL	1		
78	ARC AFP RGT	2		
79	ARC AFP CTL	1		
80	ARC AFP CAL	1		
81	ARC CA125 RGT	2		
82	ARC CA125 CTL	1		
83	ARC CA125 CAL	1		

84	ARC INSULIN RGT	3		
85	ARC INSULIN CTL	1		
86	ARC INSULIN CAL	1		
87	ARC TT3 RGT	1		
88	ARC TT3 CAL	1		
89	ARC TT3 CTL	1		
90	ARC TSH RGT	1		
91	ARC TSH CTL	1		
92	ARC TSH CAL	1		
93	ARC TOTAL PSA RGT	3		
94	ARC TOTAL PSA CTL	1		
95	ARC TOTAL PSA CAL	1		
96	ARC TT4 RGT	1		
97	ARC TT4 CTL	1		
98	ARC TT4 CAL	1		
99	ARC PRETRIG SOL	24		
100	ARC TRIG SOLN	24		
101	ARC CONC WASH BFR	30		
102	ARC PROBE CONDTNG	2		
103	ARC Reaction Vessels	15		
104	ARC Septum	2		
105	ARC Sample Cups	3		
106	TP MultiChem-IA Plus	1		
107	ARC HBsAg QUAL RGT	24		
108	ARC HBsAg QU CTL	2		
109	ARC HBsAg QU CAL	1		
110	ARC SYPHILIS TP RGT	12		
111	ARC SYPHILIS TP CTL	1		
112	ARC SYPHILIS TP CAL	1		
113	ARC Anti HCV RGT	24		
114	ARC Anti HCV CAL	1		
115	ARC Anti HCV CTL	2		
116	ARC ANTI HAV TOTAL RGT	1		
117	ARC ANTI HAV TOTAL CTL	1		
118	ARC ANTI HAV TOTAL CAL	1		
119	ARC ANTI HAV IGM RGT	2		
120	ARC ANTI HAV IGM CTL	1		
121	ARC ANTI HAV IGM CAL	1		
122	Snap Pack 9180	3		
123	Printing paper 9180	10		
124	CLEANING solution	1		
125	ELECTRODE Conditioner	1		
126	Combur-10 M	150		
127	Control Test M (50 Strips)	2		
128	Urisys thermo printing paper	6		
129	Amylase GEN2	12		
130	CA GEN2 Cobas	12		
131	Chol hico GEN2	24		

132	CKMB	3		
133	CK	4		
134	CRP LX HS	1		
135	Creat J GEN2	18		
136	COBAS INTEGRA CO2-L	24		
137	GLUC HK	8		
138	HDL-C GEN4	12		
139	Iron GEN2	6		
140	LACT GEN2	3		
141	UIBC	6		
142	LDH GEN2	4		
143	LDL-C Gen.3	24		
144	LIPC	12		
145	MG Gen2	6		
146	PHOS GEN2	6		
147	TRIGL	24		
148	UreaL	18		
149	TPUC GEN3	30		
150	ALB-T TQ GEN2	4		
151	RF11	4		
152	CFAS	2		
153	CFAS CKMB	1		
154	CFAS Lipid	1		
155	CFAS PROTEIN URINE	1		
156	CFAS ProteinS	1		
157	PRECISET RF	1		
158	CONTROL SET RF	1		
159	Iron Standard	1		
160	Preci Control Multi-1	2		
161	Preci Control Multi-2	2		
162	PRECINORM PROTEIN URINE	1		
163	Precipath Protein URINE	1		
164	Cell wash solution 1/NaOH-D	30		
165	Cell wash solution 11/Acid wash	6		
166	Nacl 9% DIL	6		
167	Ecotergent	6		
168	NaOH-D cassette	40		
169	SMS cassette COBAS	6		
170	COBAS Special cell cleaning solut	2		
171	Clean cell M	36		
172	Pro cell M	36		
173	Assay cups/Tips	12		
174	Probe wash M	4		
175	Preclean M	36		
176	Elecsys T3	4		
177	Elecsys T3 Calset	1		

178	Elecsys T4	4		
179	Elecsys T4 Calset	1		
180	Elecsys TSH	10		
181	Elecsys TSH Calset	1		
182	Elecsys FT3	3		
183	Elecsys FT3 Calset	1		
184	Elecsys FT4	3		
185	Elecsys FT4 Calset	1		
186	Elecsys FSH	6		
187	Elecsys FSH Calset	1		
188	Elecsys LH	6		
189	Elecsys LH Calset	1		
190	Elecsys Beta HCG	8		
191	Elecsys Beta HCG Calset	1		
192	Elecsys ProLactin	6		
193	Elecsys Prolactin Calset	1		
194	Elecsys Estradiol	2		
195	Elecsys Estradiol Calset	1		
196	Elecsys Progesterone II	3		
197	Elecsys Progesterone Calset	1		
198	Elecsys Testosterone II	6		
199	Elecsys Testosterone Calset	1		
200	HBSAg Gen-2	12		
201	HBsAG GEN2 PC	1		
202	Ferritin ELECSYS	8		
203	Ferritin CALSET ELECSYS	1		
204	VITAMIN B12	4		
205	VITAMIN B12 Calset	1		
206	Vitamin D Total	15		
207	Vitamin D Calset	1		
208	Elecsys PTH	3		
209	Elecsys PTH Calset	1		
210	Folate RBC	1		
211	Elecsys Folate RBC calset	1		
212	Pro BNP G2	3		
213	Pro BNP Calset	1		
214	ANTI HAV TOTAL ELECSYS	1		
215	ANTI HAV TOTAL PC ELECSYS	1		
216	ANTI HAV IGM ELECSYS	1		
217	ANTI HAV IGM PC ELECSYS	1		
218	ANTI HBC TOTAL ELECSYS	1		
219	ELECSYS PRECiContol Anti HBC	1		
220	ELECSYS HBC IGM	1		
221	ELEC PRECiContol Anti HBC IGM	1		
222	HBEAG	1		

223	ELECSYS PRECiContol HBEAG	1		
224	ANTI HBE	1		
225	ANTI HBE PC	1		
226	ANTI HBS	1		
227	ELECSYS PRECiContol ANTI HBS	1		
228	RUBELLA IGG	1		
229	RUBELLA IGG PC	1		
230	ELECSYS RUBELLA IGM	1		
231	ELECSYS PRECiContol RUBELLA IGM	1		
232	SYPHILIS	3		
233	ELECSYS PRECiContol SYPHILIS	1		
234	PCT BRAHMS	1		
235	INSULIN ELECSYS	1		
236	INSULIN CS ELECSYS	1		
237	ELECSYS ACTH	3		
238	ACTH CS ELECSYS	1		
239	CORTISOL ELECSYS	3		
240	ELECSYS CORTISOL CALSET	1		
241	CEA ELECSYS	2		
242	ELECSYS CEA CALSET	1		
243	ELECSYS TOTAL PSA	1		
244	ELECSYS TOTAL PSA CALSET	1		
245	IGE G2	6		
246	ELECSYS IGE CALSET	1		
247	D-DIMER GEN2	2		
248	D-DIMER GEN2 CALIBRATOR	1		
249	D-DIMER GEN2 CONTROL	1		
250	ELECSYS ANTI CCP	1		
251	ELECSYS AFP	1		
252	ELECSYS AFP CALSET	1		
253	Elecsys PreciContol Cardaic	1		
254	Elecsys PreciContol Varia (Bone & Anemia)	2		
255	Elecsys PreciContol Universal	2		
256	Universal DILUENT	6		
257	ISE CLEANING SOLUTION	2		
258	MIXE-BE RESIN	2		
259	HIV COMBI	6		
260	HIV PC ELECSYS	1		
261	ALB BCG	1		
262	ALP IFCC	1		
263	ALTL	1		
264	ASTL	1		
265	BIL-D	1		

266	BIL-T	1		
267	GGT GEN2	1		
268	TP GEN2	1		
269	UA GEN2	1		
270	CRP LX	10		
271	HBAIC	1		
272	HEMOLYSIS AICD2	1		
273	SAMPLE CLEANER	1		
274	SMS/ACID WASH	1		
275	REACTION CELL 501	6		
276	CFAS HBAIC	1		
277	PRECICONTROL HBAIC	1		
278	ELECSYS ANTI TG	1		
279	ELECSYS ANTI TG CALSET	1		
280	ELECSYS ANTI TPO	1		
281	ELECSYS ANTI TPO CALSET	1		
282	CA125	1		
283	CA125 CS	1		
284	AMH	2		
285	AMH CALSET	1		
286	ANTI HCV G2	12		
287	PRECICONTROL ANTI HCV G2	1		
288	ELECSYS FOLATE GEN3	1		
289	ELECSYS FOLATE GEN3 CALSET	1		
290	RBC FOLATE HEMOLYZING	1		
291	ELECSYS PRECICONTROL ACTH	1		
292	ELECS PRECICONTROL ANTI CCP	1		
293	LAMP HALOGEN	6		
294	CARBAMIPAZINE	1		
295	IGA	2		
296	IGG	2		
297	IGM	2		
298	C3	2		
299	C4	2		
300	Cell Pack	10		
301	Stromatolyzer WH	10		
302	Cell Pack DCL 20L	36		
303	Sulfolyser	6		
304	WDF LyserCell	6		
305	WDF FlouroCell	3		
306	Innovin	12		
307	Actin FS	4		
308	Calcium Chloride	3		
309	Reaction Tube PT	4		
310	Eight Check Control Normal	6		

311	Eight Check Control Low	6		
312	XN-L Check L1	6		
313	XN-L Check L2	6		
314	Citrol 1E	2		
315	Citrol 2E	2		
316	Thermal Paper	12		
317	Blood Pack 500 ml with Set	500		
318	Blood Pack 500 ml	100		
319	Blood Pack Double with Set	200		
320	Blood Pack Double without set	100		
321	JMS Blood Pack Triple with Set	500		
322	JMS Blood Pack Triple	100		
323	Blood Pack (Pedi) 100ml	200		
324	Vacurette tube coagulation profile(peads)	3000		
325	Vacurette tube EDTA (peads)	3000		
326	Vacurette tube for ESR system	10000		
327	PLATELET PHERESIS MEGA UNIT WITH ACD	80		
328	PLASMA EXCHANGE KIT WITH ACD	12		
329	Peads plus culture bactec bottle	1000		
330	Standard culture bactec bottle	1000		
331	Dengue duo IgM,IgG	12		
332	Dengue NS1 Rapid(1x25)	6		
333	ICT Malaria Dual (Sure Bio)	36		
334	G6PD	15		
335	Chikungunya IgG /IgM by ELISA	6		
336	H Pylori antibodies by Elisa	12		
337	HEV IgM by ELISA	8		
338	HEV IgG by ELISA	6		
339	Anti TTG IgA by ELISA	8		
340	Anti TTG IgG by ELISA	8		
341	HDV ANTIBODY by ELISA	5		
342	ANA by Immunoflourance	12		
343	Typhidot	30		
344	VDRL ICT	4		
345	TB Rapid Test	2		
346	ASOT 100 Test	6		
347	Stool Occult Blood	4		
348	Stool for H Pylori	12		
349	Urine Pragnency Rgt	3		
350	Urine Pragnency Strip	3		
351	Widal TO 5ml (Amro Spin-LL)	3		
352	Widal TH 5ml (Amro Spin-LL)	3		
353	Widal AO 5ml (Amro Spin-LL)	3		

354	Widal AH 5ml (Amro Spin-LL)	3		
355	Widal BO 5ml (Amro Spin-LL)	3		
356	Widal BH 5ml (Amro Spin-LL)	3		
357	Z N Stain (Carbal Faschin, TB Methlene, Wellcosol)	8		
358	Gram Stain (Crystal Violet, Gram Iodine, Gram Safrinain, Gram Decolorizer)	8		
359	Anti-Biotic Sensitivity Discs	400		
360	Diagnostic discs(various type)	24		
361	CLED Medium with Andrade Indic	12		
362	Blood Agar Base (500 gm)	18		
363	Sodium Citrate Agar	3		
364	Mac Conkey Agar (500gm)	12		
365	Mueller Hinton Agar (500gm)	12		
366	ThioglyCollate Fluid Broth	3		
367	Triple Sugar Iron Agar	3		
368	TCBS Cholera Medium	3		
369	Dnase Agar	2		
370	Simmons Citrate Agar	3		
371	Sabouraud Dextrose Agar	3		
372	Bile Aesculin Agar	3		
373	S.S Agar	3		
374	Urea Agar Base	3		
375	Sim Medium	3		
376	BHI Agar	3		
377	BHI Broth	3		
378	Chrome Agar	3		
379	BCNA Agar	3		
380	Lactophenol Dye	3		
381	Anti-sera Shigella, Vibrio set	3		
382	MIC Strips P/IPM/CRO/VA/MEM/CT	12		
383	API, E/NE	6		
384	Streptococcus Antigen typing kit	2		
385	X Factor disc	2		
386	V Factor disc	2		
387	X , V Factor disc	2		
388	Toluidine Blue 25gms	1		
389	Malachite Green Oxalate 90%	1		
390	Urea 40%	2		
391	Anaerobic Indicator (100 Strip)	2		
392	E Coli Polyvalent Sera 2,3,4	2		
393	Salmonella Agglutinate, Antisera	2		
394	Petri Dish 94x16mm	24000		

395	Petri Dish Dual	6000		
396	Alcohol Swab	1,000		
397	Barium Chloride 500ml	3		
398	BioHazard bin	100		
399	Blue Tips	50		
400	Collection Box	10		
401	Cover Slip (22x22)	12		
402	Swab sticks	2000		
403	Diasole	6		
404	Disodium Hydrogen Phosphate	2		
405	Disposable Tube plastic	12000		
406	Examination Gloves	1200		
407	Field Stain 500 ml A & B	1		
408	Filter Paper 12.5 cm	3		
409	Fouchatic Regent 100ml	4		
410	EDTA TUBE 2ML	20000		
411	Gel & Clot Activator Vacuum Tube 4ml	36000		
412	Glass Test Tube (12x100mm)	500		
413	Sodium floride Glucose Tube 3 ml	15000		
414	Hand Foam Sanitizer	150		
415	Heparin Lithium Tube 3ml	18000		
416	Hygro Meter	12		
417	Lancet (Sterile)	1000		
418	Lesihman Stain powder	6		
419	Multi Sample Needle	24000		
420	Needle Cutter	100		
421	Ph Paper	4		
422	Platelete count Solution 250ml	2		
423	RBC Solution 500ml	1		
424	Retic Count Solution	3		
425	Serum Cup(cuvvetts)	50		
426	Skin Wipes Sachets	500		
427	Slide Storage Box 100 places	10		
428	Slide Try 20 places	10		
429	Sodium hydrogen Phosphate	2		
430	Spatula	1000		
431	Staining Jar	5		
432	Stool Container	5000		
433	Sulfosalicylic Acid	1		
434	Sunny Plast	1		
435	Test Tube Rack	1		
436	Test Tube Rack Silicon	1		
437	Tips Rack	1		
438	Tourniquet	1		
439	Transport Swab	1		
440	Tubes Test with Screw Cap15x150mm	100		

441	Urine Container DR	20000		
442	Urine Container Sterile	8000		
443	Vacuette Tube 2ml Coagulation	15000		
444	WBC Solution 500ml	1		
445	Wireloop	2		
446	Yellow Tips	300		
447	JSMU Laboratory File with printing	10,000		
448	Lab Report Envelop with printing	100,000		
449	Lab Report Paper with printing	200,000		
450	Laboratory Request Pad with printing	2000		
451	Letter Heads JSMU Lab Report	12,000		
452	Hydrogen Peroxide	1		
453	Pasture Pippete 3ml Plastic	10		
454	Inoucolation Loops Sterile urine	6000		
455	Lamp Electric	2		
456	Methanol 2.5 Ltr	50		
457	Ethanol 2.5 Ltr	10		
458	Media Bottle 1000 ml Germany	5		
459	Coupling Jar Glass 5Place	5		
460	Media Bottle 500 ml	5		
461	Digital Scale 1-1000g	1		
462	M.T Vial 5ml	40		
463	SP Solution	1		
464	Immersion Oil 500ml	1		
465	Digital Timer China	2		
466	Frosted Slide 1x50Pcs	2000		
467	Geima Stain 25gm	2		
468	Wright Strain 250ml	2		
469	Face Mask	24		
470	Syringe 10CC	10000		
471	Syringe 5CC	20000		
472	Syringe 3CC	6000		
473	Syringe 1CC	3000		
474	Butterfly Needle 23 - 24 G	5000		
475	H Solvent 2.5 Ltr	2		
476	Surgical blade	3		
477	Formic Acid	2		
478	N Solvent 2.5 Ltr	2		
479	Indian Ink	1		
480	Picric Acid 250 gms	1		
481	Lence Cleaning Paper	4		
482	Alcian Blue 500ml	1		

483	Acetic Acid 2.5 Ltr	2		
484	Filter paper	5		
485	Heamotoxyline RGT	1		
486	Aluminium Ammonium Sulphate	1		
487	Mercuric Oxide yellow 25gm	1		
488	OG6	1		
489	EA 50	1		
490	Xylene 2.5 Ltr	12		
491	Formal dehyde	1		
492	Ammonia Solution	1		
493	Parafin Wax 2.5 Kg	12		
494	Phenol	2		
495	DPX 500ml	1		
496	Periodic Acid 100gm	1		
497	Schif Reagent 500ml	1		
498	Eosin Yellow 25gm	1		
499	Cover Slip (24x50mm)	4		
500	Thermal Printing Roll 3" Width	2000		
501	BarCode Sticker Roll 01x02"	300		
502	BarCode Sticker Roll 3.5"x3.5"	12		
503	Thermal Printer Ribbon	150		
504	PVC card	6,000		
506	Anti-A	24		
507	Anti-B	24		
508	Anti-D	24		
509	Coombs Reagent	6		
510	22% Albumin	3		
511	Urine container 24 hours	500		
512	Embeding cassette	1000		
513	Microtome blade	20		
514	light green	1		
515	Bei Brich scarlet	1		
516	Acid Fuchin	1		
517	Phosphotungstin acid	1		
518	Potassium per magnate	1		
519	Potassium meta bi sulphate	1		
520	Ferric Chloride	1		
521	silver nitrate	1		
522	Potassium Hydroxide	1		
523	Potassium ferro cyanide	1		
524	Neutral red	1		
525	Charcoal mask(formalin protection)	1		
526	Embeding moulds	10		
527	Hitachi cup STD	3000		
	TOTAL (Including all taxes)			

TECHNICAL SPECIFICATION**REAGENTS, KITS & CONSUMABLE ITEMS FOR JSMU DIAGNOSTIC LABORATORY, ON ANNUAL CONTRACT RATE JINNAH SINDH MEDICAL UNIVERSITY, KARACHI**

S.NO	Item name	Comp/country origin	A/U
1	AU ALT	Backman or EQ	Kit
2	AU Albumin	Backman or EQ	Kit
3	AU ALP	Backman or EQ	Kit
4	AU AST	Backman or EQ	Kit
5	AU Creatinin	Backman or EQ	Kit
6	AU Direct Bilirubin	Backman or EQ	Kit
7	AU GGT	Backman or EQ	Kit
8	AU Glucose	Backman or EQ	Kit
9	AU Total Bilirubin	Backman or EQ	Kit
10	AU Total Protein	Backman or EQ	Kit
11	AU Urea	Backman or EQ	Kit
12	AU Uric Acid	Backman or EQ	Kit
13	AU Wash Solution	Backman or EQ	pack
14	AU Cleaing Solution(Contimination Avoidance	Backman or EQ	pack
15	AU ISE Buffer	Backman or EQ	pack
16	AU ISE MID STD	Backman or EQ	pack
17	AU ISE REFERENCE	Backman or EQ	pack
18	AU cleaning solution (ISE)	Backman or EQ	pack
19	AU Multi Calibrator	Backman or EQ	pack
20	AU Multi Control-1	Backman or EQ	pack
21	AU Multi Control-2	Backman or EQ	pack
22	AU ISE serum standard low	Backman or EQ	pack
23	AU ISE serum standard high	Backman or EQ	pack
24	ARC ANTI TPO RGT	Abbott or EQ	KIT
25	ARCANTI TPO CAL	Abbott or EQ	pack
26	ARCANTI TPO CTL	Abbott or EQ	pack
27	ARC ANTI ICARBAMAZ RGT	Abbott or EQ	KIT
28	ARC ICARBAMAZ CAL	Abbott or EQ	pack
29	DS ARC IVALPROIC ACID RGT	Abbott or EQ	KIT
30	ARCIVALPROIC ACID CAL	Abbott or EQ	pack
31	ARC CA15-3 RGT	Abbott or EQ	KIT
32	ARC CA15-3 CAL	Abbott or EQ	pack
33	ARC CA15-3 CTL	Abbott or EQ	pack
34	ARC CA19-9 RGT	Abbott or EQ	KIT
35	ARC CA19-9 CAL	Abbott or EQ	pack
36	ARC CA19-9 CTL	Abbott or EQ	pack
37	ARC IVANCOMYCIN RGT	Abbott or EQ	KIT
38	ARC IVANCOMYCIN CAL	Abbott or EQ	pack

39	ARC ANTI CCP RGT	Abbott or EQ	KIT
40	ARC ANTI CCP CAL	Abbott or EQ	pack
41	ARC ANTI CCP CTL	Abbott or EQ	pack
42	ARC Trop-I REAGENT	Abbott or EQ	Kit
43	ARC Trop-I CALIBRATOR	Abbott or EQ	pack
44	ARC Trop-I Control	Abbott or EQ	pack
45	ARC HIV Ag/Ab RGT	Abbott or EQ	pack
46	ARC HIV Ag/Ab CTL	Abbott or EQ	pack
47	ARC HIV Ag/Ab CAL	Abbott or EQ	pack
48	ARC FT3 RGT	Abbott or EQ	pack
49	ARC FT3 CTL	Abbott or EQ	pack
50	ARC FT3 CAL	Abbott or EQ	pack
51	ARC HBSAB RGT	Abbott or EQ	pack
52	ARC HBSAB CTL	Abbott or EQ	pack
53	ARC HBSAB CAL	Abbott or EQ	pack
54	ARC BHCG RGT	Abbott or EQ	pack
55	ARC BHCG CTL	Abbott or EQ	pack
56	ARC BHCG CAL	Abbott or EQ	pack
57	ARC RUBELLA IGG RGT	Abbott or EQ	pack
58	ARC RUBELLA IGG CTL	Abbott or EQ	pack
59	ARC RUBELLA IGG CAL	Abbott or EQ	pack
60	ARC RUBELLA IGM RGT	Abbott or EQ	pack
61	ARC RUBELLA IGM CTL	Abbott or EQ	pack
62	ARC RUBELLA IGM CAL	Abbott or EQ	pack
63	ARC FT4 RGT	Abbott or EQ	pack
64	ARC FT4 CTL	Abbott or EQ	pack
65	ARC FT4 CAL	Abbott or EQ	pack
66	ARC ANTI HBC IGM	Abbott or EQ	pack
67	ARCH ANTI HBC IGM CTL	Abbott or EQ	pack
68	ARCH ANTI HBC IGM CAL	Abbott or EQ	pack
69	ARC VIT D REAGENT	Abbott or EQ	pack
70	ARC VIT D CAL	Abbott or EQ	pack
71	ARC VIT D CTL	Abbott or EQ	pack
72	ARC B12 REAGENT	Abbott or EQ	pack
73	ARC B12 CTL	Abbott or EQ	pack
74	ARC B12 CAL	Abbott or EQ	pack
75	ARC ANTI HBC 11	Abbott or EQ	pack
76	ARC ANTI HBC 11 CTL	Abbott or EQ	pack
77	ARC ANTI HBC 11 CAL	Abbott or EQ	pack
78	ARC AFP RGT	Abbott or EQ	pack
79	ARC AFP CTL	Abbott or EQ	pack
80	ARC AFP CAL	Abbott or EQ	pack
81	ARC CA125 RGT	Abbott or EQ	pack
82	ARC CA125 CTL	Abbott or EQ	pack
83	ARC CA125 CAL	Abbott or EQ	pack
84	ARC INSULIN RGT	Abbott or EQ	pack
85	ARC INSULIN CTL	Abbott or EQ	pack
86	ARC INSULIN CAL	Abbott or EQ	pack

87	ARC TT3 RGT	Abbott or EQ	pack
88	ARC TT3 CAL	Abbott or EQ	pack
89	ARC TT3 CTL	Abbott or EQ	pack
90	ARC TSH RGT	Abbott or EQ	pack
91	ARC TSH CTL	Abbott or EQ	pack
92	ARC TSH CAL	Abbott or EQ	pack
93	ARC TOTAL PSA RGT	Abbott or EQ	Kit
94	ARC TOTAL PSA CTL	Abbott or EQ	pack
95	ARC TOTAL PSA CAL	Abbott or EQ	pack
96	ARC TT4 RGT	Abbott or EQ	pack
97	ARC TT4 CTL	Abbott or EQ	pack
98	ARC TT4 CAL	Abbott or EQ	pack
99	ARC PRETRIG SOL	Abbott or EQ	pack
100	ARC TRIG SOLN	Abbott or EQ	pack
101	ARC CONC WASH BFR	Abbott or EQ	pack
102	ARC PROBE CONDTNG	Abbott or EQ	pack
103	ARC Reaction Vessels	Abbott or EQ	pack
104	ARC Septum	Abbott or EQ	pack
105	ARC Sample Cups	Abbott or EQ	pack
106	TP MultiChem-IA Plus	Abbott or EQ	pack
107	ARC HBsAg QUAL RGT	Abbott or EQ	Kit
108	ARC HBsAg QU CTL	Abbott or EQ	pack
109	ARC HBsAg QU CAL	Abbott or EQ	pack
110	ARC SYPHILIS TP RGT	Abbott or EQ	Kit
111	ARC SYPHILIS TP CTL	Abbott or EQ	pack
112	ARC SYPHILIS TP CAL	Abbott or EQ	pack
113	ARC Anti HCV RGT	Abbott or EQ	Kit
114	ARC Anti HCV CAL	Abbott or EQ	pack
115	ARC Anti HCV CTL	Abbott or EQ	pack
116	ARC ANTI HAV TOTAL RGT	Abbott or EQ	KIT
117	ARC ANTI HAV TOTAL CTL	Abbott or EQ	Pack
118	ARC ANTI HAV TOTAL CAL	Abbott or EQ	pack
119	ARC ANTI HAV IGM RGT	Abbott or EQ	KIT
120	ARC ANTI HAV IGM CTL	Abbott or EQ	pack
121	ARC ANTI HAV IGM CAL	Abbott or EQ	pack
122	Snap Pack 9180	Roche or EQ	pack
123	Printing paper 9180	Roche or EQ	1x5Roll
124	CLEANING solution	Roche or EQ	100ml
125	ELECTRODE Conditioner	Roche or EQ	100ml
126	Combur-10 M	Roche or EQ	Bott
127	Control Test M (50 Strips)	Roche or EQ	50 test
128	Urisys thermo printing paper	Roche or EQ	1x5Roll
129	Amylase GEN2	Roche or EQ	1x300
130	CA GEN2 Cobas	Roche or EQ	1x300
131	Chol hico GEN2	Roche or EQ	1x400
132	CKMB	Roche or EQ	1x100
133	CK	Roche or EQ	1x200
134	CRP LX HS	Roche or EQ	1x300

135	Creat J GEN2	Roche or EQ	1x700
136	COBAS INTEGRA CO2-L	Roche or EQ	1x250
137	GLUC HK	Roche or EQ	1x800
138	HDL-C GEN4	Roche or EQ	1x350
139	Iron GEN2	Roche or EQ	1x200
140	LACT GEN2	Roche or EQ	1x100
141	UIBC	Roche or EQ	1x100
142	LDH GEN2	Roche or EQ	1x300
143	LDL-C Gen.3	Roche or EQ	1x200
144	LIPC	Roche or EQ	1x200
145	MG Gen2	Roche or EQ	1x250
146	PHOS GEN2	Roche or EQ	1x250
147	TRIGL	Roche or EQ	1x250
148	UreaL	Roche or EQ	1x500
149	TPUC GEN3	Roche or EQ	1x150
150	ALB-T TQ GEN2	Roche or EQ	1x100
151	RF11	Roche or EQ	1x100
152	CFAS	Roche or EQ	12x3ml
153	CFAS CKMB	Roche or EQ	3x1ml
154	CFAS Lipid	Roche or EQ	3x1ml
155	CFAS PROTEIN URINE	Roche or EQ	5x1ml
156	CFAS ProteinS	Roche or EQ	5x1ml
157	PRECISET RF	Roche or EQ	5x1ml
158	CONTROL SET RF	Roche or EQ	pack
159	Iron Standard	Roche or EQ	75ml
160	Preci Control Multi-1	Roche or EQ	20x5ml
161	Preci Control Multi-2	Roche or EQ	20x5ml
162	PRECINORM PROTEIN URINE	Roche or EQ	4x3ml
163	Precipath Protein URINE	Roche or EQ	4x3ml
164	Cell wash solution 1/NaOH-D	Roche or EQ	2x1.8ml
165	Cell wash solution 11/Acid wash	Roche or EQ	2x1.8ml
166	Nacl 9% DIL	Roche or EQ	50ml
167	Ecotergent	Roche or EQ	12x59ml
168	NaOH-D cassette	Roche or EQ	50ml
169	SMS cassette COBAS	Roche or EQ	50ml
170	COBAS Special cell cleaning solut	Roche or EQ	50ml
171	Clean cell M	Roche or EQ	2x2ltr
172	Pro cell M	Roche or EQ	2x2ltr
173	Assay cups/Tips	Roche or EQ	8x6x84
174	Probe wash M	Roche or EQ	12x70ml
175	Preclean M	Roche or EQ	5x600ml
176	Elecsys T3	Roche or EQ	200
177	Elecsys T3 Calset	Roche or EQ	pack
178	Elecsys T4	Roche or EQ	200
179	Elecsys T4 Calset	Roche or EQ	pack
180	Elecsys TSH	Roche or EQ	200
181	Elecsys TSH Calset	Roche or EQ	pack
182	Elecsys FT3	Roche or EQ	200

183	Elecsys FT3 Calset	Roche or EQ	pack
184	Elecsys FT4	Roche or EQ	200
185	Elecsys FT4 Calset	Roche or EQ	pack
186	Elecsys FSH	Roche or EQ	100
187	Elecsys FSH Calset	Roche or EQ	pack
188	Elecsys LH	Roche or EQ	100
189	Elecsys LH Calset	Roche or EQ	pack
190	Elecsys Beta HCG	Roche or EQ	100
191	Elecsys Beta HCG Calset	Roche or EQ	pack
192	Elecsys ProLactin	Roche or EQ	100
193	Elecsys Prolactin Calset	Roche or EQ	pack
194	Elecsys Estradiol	Roche or EQ	100
195	Elecsys Estradiol Calset	Roche or EQ	pack
196	Elecsys Progesterone II	Roche or EQ	100
197	Elecsys Progesterone Calset	Roche or EQ	pack
198	Elecsys Testosterone II	Roche or EQ	100
199	Elecsys Testosterone Calset	Roche or EQ	pack
200	HBSAg Gen-2	Roche or EQ	100
201	HBsAG GEN2 PC	Roche or EQ	pack
202	Ferritin ELECSYS	Roche or EQ	100
203	Ferritin CALSET ELECSYS	Roche or EQ	Kit
204	VITAMIN B12	Roche or EQ	100
205	VITAMIN B12 Calset	Roche or EQ	pack
206	Vitamin D Total	Roche or EQ	100
207	Vitamin D Calset	Roche or EQ	pack
208	Elecsys PTH	Roche or EQ	100
209	Elecsys PTH Calset	Roche or EQ	pack
210	Folate RBC	Roche or EQ	100
211	Elecsys Folate RBC calset	Roche or EQ	100
212	Pro BNP G2	Roche or EQ	100
213	Pro BNP Calset	Roche or EQ	pack
214	ANTI HAV TOTAL ELECSYS	Roche or EQ	100
215	ANTI HAV TOTAL PC ELECSYS	Roche or EQ	KIT
216	ANTI HAV IGM ELECSYS	Roche or EQ	100
217	ANTI HAV IGM PC ELECSYS	Roche or EQ	KIT
218	ANTI HBC TOTAL ELECSYS	Roche or EQ	100
219	ELECSYS PRECiContol Anti HBC	Roche or EQ	Kit
220	ELECSYS HBC IGM	Roche or EQ	100
221	ELEC PRECiContol Anti HBC IGM	Roche or EQ	Kit
222	HBEAG	Roche or EQ	100
223	ELECSYS PRECiContol HBEAG	Roche or EQ	Kit
224	ANTI HBE	Roche or EQ	100
225	ANTI HBE PC	Roche or EQ	Kit
226	ANTI HBS	Roche or EQ	100
227	ELECSYS PRECiContol ANTI HBS	Roche or EQ	Kit
228	RUBELLA IGG	Roche or EQ	100
229	RUBELLA IGG PC	Roche or EQ	Kit
230	ELECSYS RUBELLA IGM	Roche or EQ	100

231	ELECSYS PRECiContol RUBELLA IGM	Roche or EQ	Kit
232	SYPHILIS	Roche or EQ	100
233	ELECSYS PRECiContol SYPHILIS	Roche or EQ	Kit
234	PCT BRAHMS	Roche or EQ	100
235	INSULIN ELECSYS	Roche or EQ	100
236	INSULIN CS ELECSYS	Roche or EQ	Kit
237	ELECSYS ACTH	Roche or EQ	100
238	ACTH CS ELECSYS	Roche or EQ	Kit
239	CORTISOL ELECSYS	Roche or EQ	100
240	ELECSYS CORTISOL CALSET	Roche or EQ	Kit
241	CEA ELECSYS	Roche or EQ	100
242	ELECSYS CEA CALSET	Roche or EQ	Kit
243	ELECSYS TOTAL PSA	Roche or EQ	100
244	ELECSYS TOTAL PSA CALSET	Roche or EQ	pack
245	IGE G2	Roche or EQ	100
246	ELECSYS IGE CALSET	Roche or EQ	pack
247	D-DIMER GEN2	Roche or EQ	100
248	D-DIMER GEN2 CALIBRATOR	Roche or EQ	pack
249	D-DIMER GEN2 CONTROL	Roche or EQ	pack
250	ELECSYS ANTI CCP	Roche or EQ	100
251	ELECSYS AFP	Roche or EQ	100
252	ELECSYS AFP CALSET	Roche or EQ	pack
253	Elecsys PreciContol Cardaic	Roche or EQ	pack
254	Elecsys PreciContol Varia (Bone & Anemia)	Roche or EQ	pack
255	Elecsys PreciContol Universal	Roche or EQ	pack
256	Universal DILUENT	Roche or EQ	pack
257	ISE CLEANING SOLUTION	Roche or EQ	pack
258	MIXE-BE RESIN	Roche or EQ	25ltr
259	HIV COMBI	Roche or EQ	100
260	HIV PC ELECSYS	Roche or EQ	pack
261	ALB BCG	Roche or EQ	1x300
262	ALP IFCC	Roche or EQ	1x400
263	ALTL	Roche or EQ	1x500
264	ASTL	Roche or EQ	1x500
265	BIL-D	Roche or EQ	1x350
266	BIL-T	Roche or EQ	1x250
267	GGT GEN2	Roche or EQ	1x400
268	TP GEN2	Roche or EQ	1x300
269	UA GEN2	Roche or EQ	1x400
270	CRP LX	Roche or EQ	1x300
271	HBAIC	Roche or EQ	1x150
272	HEMOLYSIS AICD2	Roche or EQ	1x50ml
273	SAMPLE CLEANER	Roche or EQ	12x59ml
274	SMS/ACID WASH	Roche or EQ	12x66
275	REACTION CELL 501	Roche or EQ	8 segments
276	CFAS HBAIC	Roche or EQ	pack
277	PRECICONTROL HBAIC	Roche or EQ	pack

278	ELECSYS ANTI TG	Roche or EQ	1x100
279	ELECSYS ANTI TG CALSET	Roche or EQ	pack
280	ELECSYS ANTI TPO	Roche or EQ	1x100
281	ELECSYS ANTI TPO CALSET	Roche or EQ	pack
282	CA125	Roche or EQ	1x100
283	CA125 CS	Roche or EQ	pack
284	AMH	Roche or EQ	1x100
285	AMH CALSET	Roche or EQ	pack
286	ANTI HCV G2	Roche or EQ	1x100
287	PRECICONTROL ANTI HCV G2	Roche or EQ	pack
288	ELECSYS FOLATE GEN3	Roche or EQ	1x100
289	ELECSYS FOLATE GEN3 CALSET	Roche or EQ	pack
290	RBC FOLATE HEMOLYZING	Roche or EQ	pack
291	ELECSYS PRECICONTROL ACTH	Roche or EQ	pack
292	ELECS PRECICONTROL ANTI CCP	Roche or EQ	pack
293	LAMP HALOGEN	Roche or EQ	pack
294	CARBAMIPAZINE	Roche or EQ	1x100
295	IGA	Roche or EQ	1x100
296	IGG	Roche or EQ	1x100
297	IGM	Roche or EQ	1x100
298	C3	Roche or EQ	1x100
299	C4	Roche or EQ	1x100
300	Cell Pack	SYSMEX or EQ	20L
301	Stromatolyzer WH	SYSMEX or EQ	500ML
302	Cell Pack DCL 20L	SYSMEX or EQ	20L
303	Sulfolyser	SYSMEX or EQ	1.5LX2
304	WDF LyserCell	SYSMEX or EQ	5L
305	WDF FlouroCell	SYSMEX or EQ	42MLX2
306	Innovin	SYSMEX or EQ	10X10ML
307	Actin FS	SYSMEX or EQ	10X10ML
308	Calcium Chloride	SYSMEX or EQ	6X15ML
309	Reaction Tube PT	SYSMEX or EQ	1X3000
310	Eight Check Control Normal	SYSMEX or EQ	1.5ML
311	Eight Check Control Low	SYSMEX or EQ	1.5ML
312	XN-L Check L1	SYSMEX or EQ	3ML
313	XN-L Check L2	SYSMEX or EQ	3ML
314	Citrol 1E	SYSMEX or EQ	10X1ML
315	Citrol 2E	SYSMEX or EQ	10X1ML
316	Thermal Paper	SYSMEX or EQ	ROLL
317	Blood Pack 500 ml with Set	JMS or EQ	1
318	Blood Pack 500 ml	JMS or EQ	
319	Blood Pack Double with Set	JMS or EQ	Pcs
320	Blood Pack Double without set	JMS or EQ	
321	JMS Blood Pack Triple with Set	JMS or EQ	Pcs
322	JMS Blood Pack Triple	JMS or EQ	
323	Blood Pack (Pedi) 100ml	JMS or EQ	
324	Vacurette tube coagulation profile(peads)	Greiner or EQ	1ml
325	Vacurette tube EDTA (peads)	Greiner or EQ	1ml

326	Vacurette tube for ESR system	Greiner or EQ	1.5ml
327	PLATELET PHERESIS MEGA UNIT WITH ACD	HAEMONETICS or EQ	PACK
328	PLASMA EXCHANGE KIT WITH ACD	HAEMONETICS or EQ	pack
329	Peads plus culture bactec bottle	Bactec or EQ	1x1
330	Standard culture bactec bottle	Bactec or EQ	1x1
331	Dengue duo IgM,IgG	USA/EUR or EQ	1x25
332	Dengue NS1 Rapid(1x25)	USA/EUR or EQ	1x25
333	ICT Malaria Dual (Sure Bio)	USA/EUR or EQ	1x25
334	G6PD	USA/EUR or EQ	25
335	Chikungunya IgG /IgM by ELISA	USA/EUR or EQ	1X96
336	H Pylori antibodies by Elisa	USA/EUR or EQ	1X96
337	HEV IgM by ELISA	USA/EUR or EQ	1X96
338	HEV IgG by ELISA	USA/EUR or EQ	1X96
339	Anti TTG IgA by ELISA	USA/EUR or EQ	1X96
340	Anti TTG IgG by ELISA	USA/EUR or EQ	1X96
341	HDV ANTIBODY by ELISA	USA/EUR or EQ	1X96
342	ANA by Immunoflourance	USA/EUR or EQ	1X100
343	Typhidot	USA/EUR or EQ	30x1
344	VDRL ICT	USA/EUR or EQ	30
345	TB Rapid Test	USA/EUR or EQ	40
346	ASOT 100 Test	USA/EUR or EQ	100
347	Stool Occult Blood	USA/EUR or EQ	100
348	Stool for H Pylori	USA/EUR or EQ	40
349	Urine Pragnency Rgt	USA/EUR or EQ	100
350	Urine Pragnency Strip	USA/EUR or EQ	1x50
351	Widal TO 5ml (Amro Spin-LL)	USA/EUR or EQ	5ml
352	Widal TH 5ml (Amro Spin-LL)	USA/EUR or EQ	5ml
353	Widal AO 5ml (Amro Spin-LL)	USA/EUR or EQ	5ml
354	Widal AH 5ml (Amro Spin-LL)	USA/EUR or EQ	5ml
355	Widal BO 5ml (Amro Spin-LL)	USA/EUR or EQ	5ml
356	Widal BH 5ml (Amro Spin-LL)	USA/EUR or EQ	5ml
357	Z N Stain (Carbal Faschin, TB Methlene, Wellcosol)	Wellcosol or EQ	1ltrx3
358	Gram Stain (Crystal Violet, Gram Iodine, Gram Safrinain, Gram Decolorizer)	Wellcosol or EQ	1ltrx4
359	Anti-Biotic Sensitivity Discs	Oxoid, UK or EQ	1x250
360	Diagnostic discs(various type)	Oxoid, UK or EQ	1x50
361	CLED Medium with Andrade Indic	Oxoid, UK or EQ	500gms
362	Blood Agar Base (500 gm)	Oxoid, UK or EQ	1x500
363	Sodium Citrate Agar	Oxoid, UK or EQ	1
364	Mac Conkey Agar (500gm)	Oxoid, UK or EQ	1
365	Mueller Hinton Agar (500gm)	Oxoid, UK or EQ	1
366	ThioglyCollate Fluid Broth	Oxoid, UK or EQ	500gms
367	Triple Sugar Iron Agar	Oxoid, UK or EQ	500gms
368	TCBS Cholera Medium	Oxoid, UK or EQ	500gms
369	Dnase Agar	Oxoid, UK or EQ	500gms
370	Simmons Citrate Agar	Oxoid, UK or EQ	500gms

371	Sabouraud Dextrose Agar	Oxoid, UK or EQ	500gms
372	Bile Aesculin Agar	Oxoid, UK or EQ	500gms
373	S.S Agar	Oxoid, UK or EQ	500gms
374	Urea Agar Base	Oxoid, UK or EQ	500gms
375	Sim Medium	Oxoid, UK or EQ	500gms
376	BHI Agar	Oxoid, UK or EQ	500gms
377	BHI Broth	Oxoid, UK or EQ	500gms
378	Chrome Agar	Oxoid, UK or EQ	500gms
379	BCNA Agar	Oxoid, UK or EQ	500gms
380	Lactophenol Dye	Oxoid, UK or EQ	pack
381	Anti-sera Shigella,Vibrio set	Oxoid, UK or EQ	pack
382	MIC Strips P/IPM/CRO/VA/MEM/CT	Oxoid, UK or EQ	pack
383	API, E/NE	Oxoid, UK or EQ	pack
384	Streptococcus Antigen typing kit	Oxoid, UK or EQ	pack
385	X Factor disc	Oxoid, UK or EQ	1x50
386	V Factor disc	Oxoid, UK or EQ	1x50
387	X ,V Factor disc	Oxoid, UK or EQ	1x50
388	Toluidine Blue 25gms	Daejang Korea or EQ	25gms
389	Malachite Green Oxalate 90%	Daejang Korea or EQ	25gms
390	Urea 40%	Oxoid, UK or EQ	vail
391	Anaerobic Indicator (100 Strip)	Oxoid, UK or EQ	100 strips
392	E Coli Polyvalent Sera 2,3,4	Remel UK or EQ	pack
393	Salmonella Agglutinate, Antisera	Remel UK or EQ	pack
394	Petri Dish 94x16mm	china or EQ	1x1
395	Petri Dish Dual	China or EQ	1x1
396	Alcohol Swab	China/local	1x200
397	Barium Chloride 500ml	China or EQ	500ml
398	BioHazard bin	China/local	1x1
399	Blue Tips	China or EQ	1x500
400	Collection Box	local	1
401	Cover Slip (22x22)	china or EQ	1x1000
402	Swab sticks	china or EQ	1x1
403	Diasole	Mediline or EQ	100ml
404	Disodium Hydrogen Phosphate	Daejung, Korea or EQ	1kg
405	Disposable Tube plastic	China/local or EQ	1x1
406	Examination Gloves	China/local or EQ	1x100
407	Field Stain 500 ml A & B	Daejung, Korea or EQ	2x500ml
408	Filter Paper 12.5 cm	Whatmen or EQ	1x100
409	Fouchatic Regent 100ml	Mediline or EQ	100ml
410	EDTA TUBE 2ML	USA/EUR or EQ	1X1
411	Gel & Clot Activator Vacuum Tube 4ml	USA/EUR or EQ	1x1
412	Glass Test Tube (12x100mm)	China/local or EQ	1x1
413	Sodium floride Glucose Tube 3 ml	USA/EUR or EQ	1x1
414	Hand Foam Sanitizer	China/local or EQ	1000ml
415	Heparin Lithium Tube 3ml	USA/EUR or EQ	1x1

416	Hygro Meter	USA/EUR or EQ	1x1
417	Lancet (Sterile)	USA/EUR or EQ	Pcs
418	Lesihman Stain powder	Merck or EQ	25gms
419	Multi Sample Needle	USA/EUR or EQ	1x1
420	Needle Cutter	Local or EQ	1
421	Ph Paper	USA/EUR or EQ	1
422	Platelete count Solution 250ml	Wellcosol or EQ	250ml
423	RBC Solution 500ml	mediline or EQ	500ml
424	Retic Count Solution	merck or EQ	250ml
425	Serum Cup(cuvvetts)	China/local or EQ	1x500
426	Skin Wipes Sachets	China/local or EQ	1x1
427	Slide Storage Box 100 places	China/local or EQ	1x1
428	Slide Try 20 places	China/local or EQ	1x1
429	Sodium hydrogen Phosphate	Daejung Korea or EQ	1kg
430	Spatula	China/local or EQ	1x1
431	Staining Jar	China/local or EQ	Pcs
432	Stool Container	Local	1
433	Sulfosalicylic Acid	BDH or EQ	100ml
434	Sunny Plast	China/local or EQ	1x100
435	Test Tube Rack	China/local or EQ	Pcs
436	Test Tube Rack Silicon	China/local or EQ	Pcs
437	Tips Rack	China/local or EQ	Pcs
438	Tourniquet	China/local or EQ	Pcs
439	Transport Swab	USA/EUR or EQ	1x1
440	Tubes Test with Screw Cap15x150mm	China/local or EQ	1x1
441	Urine Container DR	China/local or EQ	1x1
442	Urine Container Sterile	China/local or EQ	1x1
443	Vacurette Tube 2ml Coagulation	USA/EUR/ or EQ	Pcs
444	WBC Solution 500ml	Bio lab or EQ	500ml
445	Wireloop	Local	1
446	Yellow Tips	China/local or EQ	1x1000
447	JSMU Laboratory File with printing	local	1x1
448	Lab Report Envelop with printing	local	1x1
449	Lab Report Paper with printing	local	1x1
450	Laboratory Request Pad with printing	local	1x20
451	Letter Heads JSMU Lab Report	local	1x1
452	Hydrogen Peroxide	Daejung Korea or EQ	2.5ltr
453	Pasture Pippete 3ml Plastic	local	1x500
454	Inoucolation Loops Sterile urine	China/local or EQ	1x1
455	Lamp Electric	China/local or EQ	1
456	Methanol 2.5 Ltr	Merck or EQ	2.5ltr
457	Ethanol 2.5 Ltr	BDHRDH or EQ	2.5ltr
458	Media Bottle 1000 ml Germany	Borosil / Simax or EQ	1x1
459	Coupling Jar Glass 5Place	China/local or EQ	1x1
460	Media Bottle 500 ml	China/local or EQ	1x1
461	Digital Scale 1-1000g	USA/EUR or EQ	1x1

462	M.T Vial 5ml	USA/EUR/ or EQ	5ml
463	SP Solution	China/local or EQ	1x10L
464	Immersion Oil 500ml	BDH or EQ	500ml
465	Digital Timer China	China/local or EQ	1x1
466	Frosted Slide 1x50Pcs	China or EQ	1x50
467	Geima Stain 25gm	BDH or EQ	25gms
468	Wright Strain 250ml	Local	250ml
469	Face Mask	China/local or EQ	1x100
470	Syringe 10CC	China/local or EQ	1x1
471	Syringe 5CC	China/local or EQ	1x1
472	Syringe 3CC	China/local or EQ	1x1
473	Syringe 1CC	China/local or EQ	1x1
474	Butterfly Needle 23 - 24 G	China/local or EQ	1x1
475	H Solvent 2.5 Ltr	BDHRDH or EQ	2.5 Ltr
476	Surgical blade	China or EQ	1x50
477	Formic Acid	Daejung Korea or EQ	2.5 Ltr
478	N Solvent 2.5 Ltr	Daejung Korea or EQ	2.5 Ltr
479	Indian Ink	Omega or EQ	50ml
480	Picric Acid 250 gms	BDH or EQ	250 gm
481	Lence Cleaning Paper	Cito or EQ	1x25
482	Alcian Blue 500ml	Merck or EQ	500 ml
483	Acetic Acid 2.5 Ltr	BDH or EQ	2.5 Ltr
484	Filter paper	Local	1x100
485	Heamotoxyline RGT	BDH or EQ	25g
486	Aluminium Ammonium Sulphate	Daejung Korea or EQ	1kg
487	Mercuric Oxide yellow 25gm	BDH or EQ	1kg
488	OG6	Wellcosol or EQ	1x1000 ml
489	EA 50	Wellcosol or EQ	1x1000 ml
490	Xylene 2.5 Ltr	Sigma or EQ	2.5 Ltr
491	Formal dehyde	Daejung Korea or EQ	2.5 Ltr
492	Ammonia Solution	RDH or EQ	2.5 Ltr
493	Parafin Wax 2.5 Kg	Pothhile UK or EQ	2.5 Kg
494	Phenol	Daejung Korea or EQ	2.5
495	DPX 500ml	BDH or EQ	500ml
496	Periodic Acid 100gm	Daejung Korea or EQ	100 gm
497	Schif Reagent 500ml	BDH or EQ	500ml
498	Eosin Yellow 25gm	Daejung Korea or EQ	25 gm
499	Cover Slip (24x50mm)	Cito or EQ	1x1000 Pcs
500	Thermal Printing Roll 3" Width	local	1x1

501	BarCode Sticker Roll 01x02"	Black cooper or EQ	1x1
502	BarCode Sticker Roll 3.5"x3.5"	Black cooper or EQ	1x1
503	Thermal Printer Ribbon	Black cooper or EQ	1x1
504	PVC card	Local	1x1
505	Anti-A	USA/EUR or EQ	10ml
506	Anti-B	USA/EUR or EQ	10ml
507	Anti-D	USA/EUR or EQ	10ml
508	Coombs Reagent	USA/EUR or EQ	10ml
509	22% Albumin	USA/EUR or EQ	10ml
510	Urine container 24 hours	Local	1x1
511	Embeding cassette	Cito or EQ	1
512	Microtome blade	Feather or EQ	1
513	light green	BDH or EQ	25gms
514	Bei Brich scarlet	BDH or EQ	500ml
515	Acid Fuchin	BDH sigma or EQ	25gms
516	Phosphotungstin acid	Daejung Korea or EQ	25gms
517	Potassium per magnate	RDH or EQ	01kg
518	Potassium meta bi sulphate	Daejung Korea or EQ	01kg
519	Ferric Chloride	Daejung Korea or EQ	01kg
520	silver nitrate	Daejung Korea or EQ	25gms
521	Potassium Hydroxide	Daejung Korea or EQ	25gms
522	Potassium ferro cyanide	BDH Sigma or EQ	25gms
523	Neutral red	Daejung Korea or EQ	25gms
524	Charcoal mask(formalin protection)	China/local or EQ	1x1
525	Embeding moulds	Cito or EQ	1x1
526	Hitachi cup STD	Prolink or EQ	1x1

SAMPLE FORMS

Form-I

LETTER OF ACCEPTANCE

Date: _____

To:

Director P&D/Procurement Department,
Jinnah Sindh Medical University, Karachi,

Dear Sir:

Having examined the bidding documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver the required item in conformity with the said bidding documents for the sum of *[total bid amount in words and figures]* or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we will obtain the guarantee of a bank in a sum equivalent to Five (5) percent of the Contract Price/Pay order for the due performance of the Contract, in the form prescribed by the Purchaser.

We agree to abide by this Bid for a period of 15days from the date fixed for Bid opening under Clause 10 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this _____ day of _____ 2019_____.

[Signature]

[In the capacity of]

Duly authorized to sign Bid for and on behalf of _____

PRICE SCHEDULE IN PAK. RUPEES

Name of Bidder _____ . IFB Number . Page _____ of _____

1	2	3	4	5	6	7
Item	Description	Country of origin	Quantity	Unit price	Total	Remarks (if any)

Total Bid amount in words: _____

Total Bid amount in figure: _____

Signature of Bidder _____

Note:

- (i) In case of discrepancy between unit price and total, the unit price shall prevail.
- (ii) The unit and total prices Delivered at Planning & Development Department, Jinnah Sindh Medical University Karachi should include the price of incidental services. No separate payment shall be made for the incidental services.

CONTRACT FORM

This Agreement made the _____ day of _____ 20____ between *Jinnah Sindh Medical University, Karachi*. (Hereinafter called “the Procuring agency”) of the one part and [*name of Supplier*] of [*city and country of Supplier*] (hereinafter called “the Supplier”) of the other part:

WHEREAS the Procuring agency invited bids for certain goods and ancillary services, viz.,

_____ and has accepted a bid by the Supplier for the supply of those goods and services in the sum of [*contract price in words and figures*] (hereinafter called “the Contract Price”).

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:

- (a) The Bid Form and the Price Schedule submitted by the Bidder;
- (b) The Schedule of Requirements;
- (c) The Technical Specifications.
- (d) The General Conditions of Contract;
- (e) The Special Conditions of Contract;
- (f) The Procuring agency’s Notification of Award.

3. In consideration of the payments to be made by the Procuring agency to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Procuring agency to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract

4. The Procuring agency hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, sealed, delivered by _____ the _____ (for the Procuring agency)

Signed, sealed, delivered by _____ the _____ (for the Supplier)

Performance Security Form

To:

**Procurement Department
Jinnah Sindh Medical University, Karachi.**

WHEREAS *[name of Supplier]* (hereinafter called "the Supplier") has undertaken, in pursuance of Contract No. *[Reference number of the contract]* dated _____ 2019_____ to supply *[description of goods and services]* (hereinafter called "the Contract").

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier shall furnish you with a bank guarantee by a reputable bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the Supplier a guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of *[amount of the guarantee in words and figures]*, and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits of *[amount of guarantee]*as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the _____ day of _____ 20_____.

Signature and seal of the Guarantors

[Name of bank or financial institution]

[Address]

[Date]

MANUFACTURER'S AUTHORIZATION FORM

To:

**Procurement Department
Jinnah Sindh Medical University, Karachi.**

WHEREAS *[name of the Manufacturer]* who are established and reputable manufacturers of *[name and/or description of the goods]* having factories at *[address of factory]*

do hereby authorize *[name and address of Agent]* to submit a bid, and subsequently sign the Contract with you against NIT No. *[Reference of the Invitation to Bid]* for the above goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 12 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids.

[Signature for and on behalf of Manufacturer]

Note: This letter of authority should be on the letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.