

TENDER DOCUMENT

M/S _____

Receipt No. _____

Date: - _____

**FOR
SUPPLY OF
REAGENTS, KITS & CONSUMABLES FOR DIFFERENT DEPARTMENTS
OF IGMC, SHIMLA**

DUE ON 15-03-2018

**LAST DATE
FOR RECEIPT OF BID
UPTO 1 PM ON 15-03-2018**

**BID OPENING ON
15-03-2018 AT 3:00 PM**

**PRINCIPAL
INDIRA GANDHI MEDICAL COLLEGE,
SHIMLA**

TEL No. 0177- 2883214, 2807682

COST OF TENDER DOCUMENT

**AT COUNTER RS. 1000/-
BY POST RS. 1050/-**

INDIRA GANDHI MEDICAL COLLEGE, SHIMLA

Phone No.0177-2804251, 2883401, Fax.0177-2658339, 2808011

No. HFW/ME (MCS)G(H)-2-2/2017 (Kits)-

Dated:

TENDER NOTICE

Properly sealed tenders are invited for the supply of **Reagents, Kits and consumables for different** departments of Indira Gandhi Medical College, Shimla so as to reach in this office on or before **26-02-2018** upto 1 PM thereafter no tender shall be entertained. The offers will be opened on same day at 3 PM in the presence of the prospective tenderers who may wish to remain present.

Tender form containing specifications, terms and conditions can be purchased from the office of the undersigned on any working day between 10 AM to 5PM upto **26-02-2018** at the cost of Rs. 1000/- on counter and Rs. 1050/- by Registered post, which is non refundable (only M.O/ TMO will be entertained sufficiently in advance to avoid the risk of late dispatch of the tender forms. Delay in submission of tender form due to late receipt of MO/TMO will be the entire responsibility of the tenderers). The tenders sent by post or courier shall be entertained only if these are actually received by the specific date and time.

The tender document can also be downloaded from the website www.igmcshimla.org, however, such bidder shall be required to pay the cost of the tender document in the form of DD in favour of the Principal IGMC Shimla alongwith their bid.

The tender must be accompanied with an earnest money of **Rs. 20,000/- (Rupees Twenty Thousand)** only in the shape of FDR duly pledged in the name of PRINCIPAL, INDIRA GANDHI MEDICAL COLLEGE, SHIMLA. The tenders without earnest money or short or not in form specified above will be rejected straightway.

In case any date mentioned above happens to be a holiday, the next day will be considered as due date.

-sd/-

**Principal
IGMC Shimla**

No. As above-2171-77

Dated:- 29-01-2018

Copy forwarded for information and necessary action to:-

1. The Director, Information & Public Relation Department, Himachal Pradesh, Shimla-2 alongwith six spare copies for wide publicity in the leading News papers in English and Hindi.
2. The Director Medical Education & Research, Himachal Pradesh, Shimla-9.
3. The Controller of Stores, Himachal Pradesh, Shimla-1.
4. All the Members of Technical Committee.
5. Mrs. Sunita Bhatia, JE Telemedicine IGMC Shimla to upload the tender notice in IGMC website.
6. Interested tenderers.
7. Notice Board.

-sd/-

**Principal
IGMC Shimla**

ANNEXURE- A
INDIRA GANDHI MEDICAL COLLEGE, SHIMLA, HIMACHAL PRADESH

S.NO. OF TENDER : _____

FILE NO. : _____

Name of the party in whose :

Favour the Tender form has

been issued _____

(SEAL OF THE OFFICER)

To

The Principal,

Indira Gandhi Medical College

Shimla, HP -171001

Dear Sir,

1. I am /We are hereby submit our tender for the _____
2. I/WE am/are enclosing herewith the FDR. No..... dated..... for Rs.20,000/- (Rupees Twenty Thousand Only) in respect of items at Annexure-B of Tender document duly pledged in favour of the “Principal IGMC Shimla” towards EMD. (TENDERS NOT ACCOMPANIED WITH EMD/BID SECURITY ALONGWITH THE TECHNICAL BID SHALL BE SUMMARILY REJECTED).
3. I /We have gone through all terms and conditions of the tender documents before submitting the same.
4. I/We hereby agree to all the terms and conditions, stipulated by the IGMC, in this connection including demonstration, delivery, installation and warranty and penalty etc. Quotations for each group are being submitted under separate covers, and sheets and shall be considered on their face value.
5. I/We have noted that overwritten entries shall be deleted unless duly cut & re-written and initialled.
6. Tenders are duly signed (No thumb impression should be affixed).
7. I/We undertake to sign the contract/agreement, if required, within 15 (Fifteen days) from the date of issue of the letter of acceptance, failing which our/my security money deposited may be forfeited and our/my name may be removed from the list of suppliers at the IGMC Shimla-1.

NOTE: ALL TERMS AND CONDITIONS SUCH AS TAXES ETC, HAS BEEN INDICATED IN THE QUOTATIONS FAILING WHICH IT WILL BE PRESUMED THAT ALL THE RATES ARE INCLUSIVE OF ALL TAXES AND OTHER TERMS AND CONDITIONS ARE ALSO AS PER YOUR REQUIREMENTS.

Yours faithfully,

Signature of Tenderer(s)
full Address

WITNESS _____

WITNESS _____

WITNESS _____

TERMS AND CONDITIONS

1. The tenders /quotation for each department should be packed in a separate sealed envelope indicating the name of department on the envelope.
2. Copy of Registration certificate, a copy of GST number along with latest income tax & sales tax clearance certificate should be attached with the technical bid.
3. Conditional & telegraphic tenders shall not be accepted at any cost.
4. An undertaking to the effect that the company/firm/distributor is not blacklisted should be attached with the tender.
5. The rates should be quoted in INR only.
6. All tenders/quotations will be deemed to be F.O.R destination at IGMC Shimla including packing forwarding and insurance charges and not be ex-work, ex-go down, ex-miles etc.
7. A person signing the tender form or any other document forming the part of the contract on behalf of another shall be deemed to warranty that he has the authority to bind such other and if on the enquiry it appears that the person so signing had no authority to do so, the purchaser, may without prejudice to other civil and criminal remedies against the contract, hold the signatory liable for all costs and damages and forfeit earnest money.
8. The tender must be submitted in two parts (I) Technical bids (ii) financial bid separately. All documents required as per terms and conditions of the tenders should be enclosed with technical bid only. Tenders not received in specified manner will be rejected. Separate quotation for each item as per list is required to be submitted.
9. Bid Guarantee and Security
10. The tender must be accompanied with earnest money of Rs.20,000/-(Rupees Twenty Thousand) only in a lump sum amount in the shape of FDR duly pledged in favour of Principal, IGMC Shimla. Earnest money in other form will not be accepted. Bids not accompanied with earnest money as stated above or less than the amount stipulated above shall be summarily rejected.
11. Earnest money /security deposit any other sums of the Tenderers lying with the IGMC Shimla in connection with any other tender/case will not be considered against this tender.
12. In case where full specifications are not incorporated in the inquiry or where alternative specification required for by the suppliers own specifications should be stated in full for the articles quoted for. Any illustrative literature available duly stamped and signed should also be accompanied with tender otherwise the tenders shall not be accepted.
13. The maximum delivery period from the date of placing the order shall be 15 days, thereafter demurrage @ 0.5% per week on the contract price subject to maximum 10% of contract price.
14. All quotations/tenders should be deemed valid for at least Two years from the date of opening of Price bid of the tenders. However, the same can be extended on the mutually agreed terms of both the parties for a period of 6 months or till the finalization of new tender whichever is earlier.

15. The inspections for the goods will be carried out by the consignee at destination & rejected goods will have to be removed by the concerned firm within 10 days of dispatch of advice from the Principal I.G.M.C. Shimla failing which goods will live at its own risk (i)the rejected goods must be replaced by him within 15 days of the dispatch by the consignee of registered notice intimating that goods have been rejected failing which the consignee will make risk purchase without any further reference. (ii) If he claim that the goods supplied by him are strictly according to the approved samples he may file the appeal with the Chairman where such appeal has been filed the consignee with-holding the goods with him till the final decision of Chairman Purchase Committee.
16. The supply must be completed satisfactorily within the stipulated period, failing which the Store Purchase Officer/Chairman Purchase Committee reserve the right to impose the penalty.
17. The bidders should enclose latest Tender Specific original authorization certificate (Annexure-D) from the original manufacturer or its Indian firm with the technical bid failing which the tenders are liable to be rejected straightway. The bidder must be dealing in system packs for auto-analyzers.
18. The Material shall not be considered delivered until it is approved & received by the competent authority as defined from time to time by the purchase committee.
19. The rates shall be finalized after exhibiting/demonstration of the material, if required by the Technical Scrutiny Committee/Purchase Committee.
20. If the price of the contracted articles is/are controlled by the Govt. the payment will in no case be allowed at higher rate than the rate approved.
21. The quantity can be increased or decreased or all together abandoned as per the changed requirement of the department as well as availability of the funds.
22. The Principal I.G.M.C. Shimla is reserve the right to reject any or all the tenders without assigning any reasons. IGMC does not pledge itself to accept the lowest or any other tender and reserve to itself the right of acceptance of the sole or any part of the tender or portion of the quantity offered and the Tenderers shall be required to supply the same at rate quoted.
23. All mandatory Govt. levies and taxes should be shown separately in whole rupees along with the rates of the items. In case not shown separately, the same shall be treated included in the cost of material.

24. Disputes, if any shall be subject to the sole arbitration of the Principal Secretary (Health) to the Govt. of Himachal Pradesh whose decision shall be binding on the parties.
25. Payment Schedule: Payment will be released after receipt of the bill & certificate from the concerned department that the items/material have been supplied by the firm is fully up to their satisfaction and according their specifications.
26. The reagents/Kits should have long shelf lives.
27. Price may be quoted on price bid proforma at Annexure-C

Note:- Tenderers must go through these terms and conditions very carefully and put his signature in token of acceptance of these terms and conditions. It is also made clear that no representations shall be considered after opening the financial bids except requiring any information by this office.


Principal,
IGMC Shimla

ANNEXURE-B**DEPARTMENT OF BLOOD BANK****Sr. No.-1 List of Blood Bags**

Sr. No.	Name of Blood Bags	Quantity	Note
1.	Single	350ml/450ml	Firm should Submit sufficient samples of bags at the time of tender

Sr. No.	Name of Blood Bags	Quantity	Note
1.	Double, Triple	350ml/450ml	Firm should Submit sufficient samples of bags at the time of tender

Sr. No.	Name of Blood Bags	Quantity	Note
1.	Top and Bottom Quadruple Blood Bag CPD/SAGM for use on Automated Component Extraction Equipment Manufactured by TERUMO PENPOL	350ml/450ml	Firm should Submit sufficient samples of bags at the time of tender

Specifications:-**Single Bags:-**

- The plastic bags should be siliconized flexible presterilized Pyrogen free made from non-toxic, non hemolytic, bio-compatible material with no risk of contamination air embolism or container contents leak proof seal at all (disposable bags)
- Design and shape should be as per international standards.
- Capacity single bags 350ml
- Capacity single bags 100 ml.
- Tubing of bags should be integral part of bags flexible non kinking, non sticking, Transparent, leak proof and should have same number as that of bags.
- Needle-16gauge ultra thin walled sharp rust proof, tightly fixed with hub, covered with sterile guard, hermetically sealed

- External part, temper proof, easily accessible.
- Anticoagulant and preservative solution CPDA-1(49ml) clear colorless and should not have discoloration during storage at normal temperature.
- The firm should submit minimum two satisfactory reports issued by the HOD (Blood Bank) regarding the use of the same Blood Bags from reputed Government Medical Institutes/Medical College where this product is being used.

Double Bags:-

- The plastic should be siliconized flexible presterilized Pyrogen free, made from non-toxic non hemolytic, bio-compatible material with no risk of contamination, air embolism or container contents leak proof seal at all (disposable bags)
- Design and shape should be as per international standards.
- Capacity- 350ml.
- Tubing of bags integral part of bag flexible non-kinking non-sticking, transparent, leak proof and should have same number as that of bags.
- Needle-16 gauge ultra thin walled sharp rust proof, tightly fixed with hub, covered with sterile guard, hermetically sealed.
- External part, temper proof, easily accessible.
- Anticoagulant and preservative solution CPDA-I (49ml) clear colorless and should not have discoloration during storage at normal temperature.
- Labels non-peel off temper evident (heat sealing labels) between temperature 8c to-80c range.
- Shelf life of the blood bags 1 to 2 years after receiving the supply in the department.
- Resistance to distortion- when filled to its normal capacity shall withstand on acceleration of 5000g for 30 minutes at temperature up to -80° c package should be protective sensible packing, easy to handle.
- The firm should submit minimum two satisfactory reports issued by the HOD (Blood Bank) regarding the use of the same blood bags from reputed Government Medical Institutes/Medical College where this product is being used.

Triple Bags:-

- The plastic should be siliconized flexible presterilized Pyrogen free, made from non-toxic non hemolytic, bio-compatible material with no risk of contamination, air embolism or container contents leak proof seal at all (disposable bags)
- Design and shape should be as per international standards.
- Capacity- 350ml.
- Platelet storage should be five days.
- Tubing of bags integral part of bag flexible non-kinking non-sticking, transparent, leak proof and should have same number as that of bags.

- Needle-16 gauge ultra thin walled sharp rust proof, tightly fixed with hub, covered with sterile guard, hermetically sealed.
- External part, temper proof, easily accessible.
- Anticoagulant and preservative solution CPDA-I (49ml) clear colorless and should not have discoloration during storage at normal temperature.
- Labels non-peel off temper evident (heat sealing labels) between temperature 37c to-80c range.
- Shelf life of the blood bags 1 to 2 years after receiving the supply in the department.
- Resistance to distortion- when filled to its normal capacity shall with stand on acceleration of 5000g for 30 minutes at temperature up to -80° c package should be protective sensible packing, easy to handle
- The firm should submit minimum two satisfactory reports issued by the HOD (Blood Bank) regarding the use of the same blood bags from reputed Government Medical Institutes/Medical College where this product is being used.

TAB Quadruple Blood Bags CPD/SAGM:-

- The Blood Bag should be usable on TERUMO PENPOL Automated Component Extraction Equipment.
- Should ensure quality and biocompatibility and high performance.
- The plastic should be siliconized flexible presterilized Pyrogen free, made from non-toxic non hemolytic, bio-compatible material with no risk of contamination, air embolism or container contents leak proof seal at all (disposable bags).
- The Bags should be designed for use on the above mentioned equipments with documentary evidence/ reports.
- Capacity- 350/450ml.
- Platelet storage should be five days.
- Tubing of bags integral part of bag flexible non-kinking non-sticking, transparent, leak proof and should have same number as that of bags.
- Needle-16 gauge ultra thin walled sharp rust proof, tightly fixed with hub, covered with sterile guard, hermetically sealed.
- External part, temper proof, easily accessible.
- Anticoagulant and preservative solution CPDA-I (49ml/63ml) clear colorless and should not have discoloration during storage at normal temperature and transfer bag should contains 80ml of SAGM solution.
- Labels non-peel off temper evident (heat sealing labels) between temperature 37c to-80c range.
- Shelf life of the blood bags 1 to 2 years after receiving the supply in the department.
- Resistance to distortion- when filled to its normal capacity shall with stand on acceleration of 5000g for 30 minutes at temperature up to -80° c package should be protective sensible packing, easy to handle

- The firm should submit minimum two satisfactory reports issued by the HOD (Blood Bank) regarding the use of the same blood bags from reputed Government Medical Institutes/Medical College where this product is being used on this equipment.

Sr. No.-2 List of kits

Sr. No.	Name of kit	Note
1.	Pan Malaria Kit	Firm should Submit sufficient samples of kits at the time of tender

Specifications:-

PAN MALARIA Kits

- Should be rapid qualitative immunoassay for the detection of all plasmodium species based on pan specific p.LDH in human blood.
- Adequate documents detailing the principal components, bio-safety methodologies, validity criteria, interpretation of results, performance characteristics, storage conditions limitations of assays, manufacturing and expiry dates should be provided with each kit.
- The assay component should incorporate control line with each test for validation.
- Sterile sealed packaging should be provided for each device.
- Sensitivity of the kit should be 100%.
- Specificity of the kits should be 100%.
- In case of Indians/foreign manufacturers the kits should be registered & licensed by DCG(I) and NIB/WHO evaluated. The report/documentary evidence of the same should be submitted.
- The distributor should be authorized by the principal supplier.
- Firm should submit the kit samples at the time of tender for evaluation.
- The firm should submit minimum two satisfactory reports issued by the HOD (Blood Bank) regarding the use of the same kit/test from reputed Government Medical Institutes/Medical Colleges where this product is being used.

Sr. No.-3 List of kits

Sr. No.	Name of kit	Note
1.	HIV (RAPID) Test Kits for HIV I and HIV II	Firm should Submit sufficient samples of kits at the time of tender

Specifications:-**HIV (RAPID) Test Kits**

- Rapid visual Card Test for Detection of HIV-I & HIV-II antibodies in human serum or plasma.
- Should be based upon flow through technology/ immuno chromatography with solid phase/ particle coated with synthetic/recombinant HIV-I & HIV-II. Antigens.
- The product should be able to detect antibodies to HIV-I & HIV-II during early Sero-conversion period with authenticated reports/ Literature.
- The kit should have a shelf life of minimum 12-18 months and should have minimum expiry of not less than one year at the time of delivery.
- Adequate Literature detailing the components methodologies validity criteria and performance characteristics of the product should be provided with each kit.
- The kits/test should have approval of the statutory authority in its country of origin to satisfy the requirement of Drugs and Cosmetics Act in India.
- Should have sensitivity of 100% and specificity of 100 %.
- The supplier /local agent or manufacture should have an import & manufacturing license issued to the component authority for the brand name of the kit offered on the date of bid opening. Any product with a license prohibiting its use in Blood Banks will not be considered.
- The supplier /local agent or manufacture should have Facility for storage of kits at 4°C-8°C.
- The total procedure time shall not be more than 30 minutes.
- Adequate indicators of quality check shall be built in.
- Provision should be made for conducting single test at a time.
- The packing Size shall not be more than 50 tests per kit
- In case of Indians/foreign manufacturers the kits should be registered & licensed by DCG(I) and NIB/WHO evaluated. The report/documentary evidence of the same should be submitted.
- The firm should submit minimum two satisfactory reports issued by the HOD (Blood Bank) regarding the use of the same kit/test from reputed Government Medical Institutes/Medical College where this product is being used.

Sr. No.- 4 List of kits

Sr. No.	Name of kit	Note
1.	HBsAg test kits (Rapid card test)	Firm should Submit sufficient samples of kits at the time of tender

Specifications:-**HBsAg test kits (Rapid card test)**

- One step visual & qualitative immunoassay with Disposable accessories should be able to detect all 11 sub types of HBsAg. Should be based upon flow through technology/ immuno chromatography.
- Sensitivity 0.5mg/ml. Sensitivity of the test should be 100% Specificity more than 99% .Self Life Should be 18 months.
- Adequate Literature detailing the components methodologies validity criteria and performance characteristics of the product should be provided with each kit.
- The kits to be procured should have approval of the statutory authority in its country of origin to satisfy the requirements of Drug and Cosmetics Act in India
- The supplier /local agent or manufacture should have an import & manufacturing license issued to the component authority for the brand name of the kit offered on the date of bid opening. Any product with a license prohibiting its use in Blood Banks will not be considered.
- The supplier/local agent should have facility for storage of kits at a 4 – 8° C.
- The total procedure time shall not be more than 30 minutes.
- Adequate indicators of quality check shall be built in.
- Provision shall be made for conducting single test at a time.
- The packing size shall be not more than 50 test per kit.
- In case of Indians/foreign manufacturers the kits should be registered & licensed by DCG(I) and NIB/WHO evaluated. The report/documentary evidence of the same should be submitted.
- The firm should submit minimum two satisfactory reports issued by the HOD (Blood Bank) regarding the use of the same kit/test from reputed Government Medical Institutes/Medical College where this product is being used.

Sr. No.-5 List of kits

Sr. No.	Name of kit	Note
1.	HCV (Rapid Card test)	Firm should Submit sufficient samples of kits at the time of tender

Specifications:-

HCV (Rapid Card test)

- For detection of antibodies to HCV in human serum/plasma.
- Should be based on flow through/ immuno chromatography technology.
- Should be 4th generation tests.
- Should have core, NS3, NS4 and NSS antigens.
- Should provide early sero-conversion sensitivity data published in indexed medical journals.
- The kit should have a shelf life of minimum 9 (nine) months at the port of discharge of consignees and which so ever is later.
- Adequate Literature detailing the components methodologies validity criteria and performance characteristics of the product should be provided with each kit.
- Should have sensitivity of 100% and specificity of more than 98.5%.
- The kits to be procured should have approved of the statutory authority in its country of origin to satisfy the requirement of Drugs and Cosmetics Act in India. The supplier /local agent or manufacture should have a import & manufacturing license issued to the component authority for the brand name of the kit offered on the date of bid opening. Any product with a license prohibiting its use in Blood Banks will not be considered.
- The supplier /local agent or manufacture should have Facility for storage of kits at 4°C-8°C.
- The total procedure time shall not be more than 10-15 minutes.
- Adequate indicators of quality check shall be built in.
- Provision shall be made for conducting single test at a time.
- The packing size shall be not more than 50test per kit.
- In case of Indians/foreign manufacturers the kits should be registered & licensed by DCG(I) and NIB/WHO evaluated. The report/documentary evidence of the same should be submitted.
- The firm should submit minimum two satisfactory reports issued by the HOD (Blood Bank) regarding the use of the same kit/test from reputed Government Medical Institutes/Medical College where this product is being used.

Sr. No.-6 List of kits

Sr. No.	Name of kit	Note
1.	Syphilis	Firm should Submit sufficient samples of kits at the time of tender

Specifications:-

- It should be based on Rapid chromatographic immunoassay for qualitative detection of antibodies (IgG,IgA & IgM) to TP in serum or plasma.
- Sensitivity & specificity should be 100%.

- Should give results within 20 minutes.
- In case of Indians/foreign manufacturers the kits should be registered & licensed by DCG(I) and NIB/WHO evaluated. The report/documentary evidence of the same should be submitted.
- The firm should submit minimum two satisfactory reports issued by the HOD (Blood Bank) regarding the use of the same kit/test from reputed Government Medical Institutes/Medical College where this product is being used.

Sr. No.-7 List of kits

Sr. No.	Name of kit	Note
1.	HIV (ELISA) Test Kit for HIV Ag and Ab for use on Fully Automated ELISA System	Firm should Submit sufficient samples of kits at the time of tender

Specifications:-

- Should be solid phase micro plate coated HIV 1 & HIV 2 recombinant antigen and antibody or synthetic peptide antigens
- The assay should detect HIV 1 & 2 antigen and antibodies.
- Should be 4th generation test kit (Antigen & antibody/Combo).
- Easy for use on Fully Automated ELISA System
- Adequate documents detailing the Principle, components, bio-safety, methodologies, validity criteria, interpretations of results, limitation of assay, performance characteristics, storage conditions, manufacturing & expiry date should be provided with test.
- In case of imported kits these should be registered & licensed by DCG(I).
- In case of Indians/foreign manufacturers the kits should be registered & licensed by DCG(I) and NIB/WHO evaluated. The report/documentary evidence of the same should be submitted.
- 8-12 months shelf life the time of delivery.
- Should include reactive & non reactive controls.
- Sensitivity 100% & specificity 100% with documentary evidence.
- The supplier/local agent should ensure cold chain facility for storage/transportation of kits at 4-8 C.

- Pack size - 96 T/ kit.
- The firm should submit minimum two satisfactory reports issued by the HOD (Blood Bank) regarding the use of the same kit/test from reputed Government Medical Institutes/Medical College where this product is being used.

Sr. No.-8 List of kits

Sr. No.	Name of kit	Note
1.	HBsAg test kits (Elisa)	Firm should Submit sufficient sample kits at the time of tender

Specifications:-

- Should be 4th generation Microplate ELISA coated with monoclonal antibodies to detect HBsAg.
- Shelf life of kit should be 12-15 months at the time of delivery to the end user.
- Sensitivity should be 100% & Specificity of 100% with documentary evidence/ reports.
- Assay should have antigen sensitivity of 0.05 ng/ml.
- Manufacture/authorized agent should ensure, maintenance of cold chain during storage & transportation of kits at 2-8 C.
- Pack size 96 tests.
- Shelf life should be 8-12 months at the time of delivery to the end user.
- Should figure in latest list of approved kits for use in Blood Banks issued by DCG(I) and evaluated by NIB/WHO with report/documentary evidence.
- The firm should submit minimum two satisfactory reports issued by the HOD (Blood Bank) regarding the use of the same kit/test from reputed Government Medical Institutes/Medical College where this product is being used.

Sr. No.-9 List of kits

Sr. No.	Name of kit	Note
1.	HCV (ELISA) for use on Fully Automated ELISA System	Firm should Submit sufficient sample kits at the time of tender

Specifications:-

- Should be 3rd generation Microplate Elisa coated with recombinant / or synthetic peptide antigens for E1, E2, Core, NS3, NS4 & NS5 for detection of HEPATITIS C in Human Serum/Plasma.
- Assay should have sensitivity 100% & Specificity of > 97 %.
- Kits should have approval of DCG(I) for its use in blood banks.
- Kit should be NIB/WHO evaluated with documentary evidence/report.
- Kits should have approval of statutory authority from country of its origin (in case of imported kits) & it should be registered & licensed by DCG(I).
- It should include reactive & non reactive controls.
- Manufacture/authorized agent should ensure, maintenance of cold chain during storage & transportation of kits at 2-8 C.
- Pack size 96 tests/kit.
- Shelf life should be 12-15 months at the time of delivery to the end user.
- Should figure in latest list of approved kits for use in Blood Banks issued by DCG(I)
- The firm should submit minimum two satisfactory reports issued by the HOD (Blood Bank) regarding the use of the same kit/test from reputed Government Medical Institutes/Medical College where this product is being used.

Sr. No.-10 List of Sera/reagent

Sr. No.	Name of kit	Pack Size	Note
1.	Anti A, Anti B, Anti AB and Anti D(IgM Monoclonal and IgM + IgG Blend) Sera/reagent	10ml	Firm should Submit sufficient samples of Sera/reagent at the time of tender

Specifications:-

- Monoclonal –blend of monoclonal antibodies against each subgroup of antigen so that it can detect all weaker subgroups of A, B, AB and anti D.
- Packing 10ml (in original packs of the manufacturers)
- Specificity -100%
- Sensitivity-100%
- Antibody titre -1:28 to 1:256 with slide and tube method respectively.
- Avidity 20 sec. to 2 minutes (For Monoclonal & Blend Anti D Sera Avidity 10 sec. to 2 minutes).
- Shelf life 1.5 to 2 years.
- Should meet international standard/WHO standards preferably and should be from original manufactures.
- Documentary proof of titre value from recognizes and reputed sources.
- The firm should submit minimum two satisfactory reports issued by the HOD (Blood Bank) regarding the use of the same reagent from reputed Government Medical Institutes/Medical College where this product is being used.

Sr. No.-11 List of Sera/reagent

Sr. No.	Name of kit	Pack Size	Note
1.	Anti AI (lectin)	5ml	Firm should Submit sufficient samples of Sera/reagent at the time of tender

Specifications:-

- Packing 10ml (in original packs of the manufacturers)
- Specificity -100%
- Sensitivity-100%
- Avidity 20 sec. to 2 minutes.
- Shelf life 1.5 to 2 years.

Sr. No.-12 List of Sera/reagent

Sr. No.	Name of kit	Pack Size	Note
1.	Anti Human Globulin reagent	5ml	Firm should Submit sufficient samples of Sera/reagent at the time of tender

Specifications:-

- Polyspecific Containing Anti IgG and anticomplement components antibodies.
- The firm should submit minimum two satisfactory reports issued by the HOD (Blood Bank) regarding the use of the same reagent from reputed Government Medical Institutes/Medical College where this product is being used.

Sr. No.-13 List of Sera/reagent for entering into Annual rate contract-2018

Sr. No.	Name of kit	Pack Size	Note
1.	Anti H reagent for blood typing	5ml	Firm should Submit sufficient samples of Sera/reagent at the time of tender

- The firm should submit minimum two satisfactory reports issued by the HOD (Blood Bank) regarding the use of the same reagent from reputed Government Medical Institutes/Medical College where this product is being used.

Sr. No.-14 List of Reagent

Sr. No.	Name of Reagent	Pack Size	Note
1.	Bovine Albumin 22%	5 ml	Firm should Submit samples at the time of tender

Sr. No.-15 List of Other Consumable Items (please submit the samples of items number 1-10 & 20 in sufficient quantity):-

- Polybyeon screw cap test tube (Disposable) 5ml.
- Filter paper ordinary 18"x20" per rim
- Band aid- 19m x 72 mm, Medicated waterproof

- Latex Surgical gloves 6”
- Latex Surgical gloves 6.5”
- Latex Surgical gloves 7 “
- Latex Surgical gloves 7.5”
- Micro tips 5-200ul.
- Micro tips 200-1000ul.
- Micro tips 0.2-10 ul.
- Aeromatic spirit of Ammonia for use in Blood Donor reactions.
- Serum storage vial/ tubes Disposable 2ml.
- Sodium Chloride Cristal 500gm packing.
- Sterile Disposable needles 23 Number.
- Isopropyl alcohol swabs - 100 pcs packing.
- Hand Sanitizer with dispenser.
- Copper Sulphate crystal 500gm pack.
- Sodium Citrate 500 gm pack.
- Stick Bold Marker.
- Labels for test tubes printed with: - D. Name and D. Number.

BIOCHEMISTRY DEPARTMENT

System packs for AU-680, Roche Modular^{EVO} P 800 with ISE 900 & Konelab 30

ITEM	Annual Requirement	No. of tests/kit	Kit Size		
Glucose(Hexokinase)	10 L				
Protein (Total)	5 L				
Albumin	5 L				
Micro- protein (pyragallol-red)	0.3 L				
Bilirubin (T)	10 L				
Bilirubin (D)	10 L				
Urea (Kinetic)	12 L				
Creatinine	12 L				
Uric Acid	4 L				
Calcium	3 L				
Phosphorus	3 L				
Magnesium	0.5 L				
Lipid Profile					
Cholesterol	4 L				
Triglyceride	3 L				
HDL- Direct	3 L				
LDL- Direct	0.3 L				
Iron	0.3 L				
TIBC/UIBC	0.3 L				
Ferritin	0.3 L				
Acid Phosphatase	0.1 L				
Alkaline Phosphatase	10 L				
Amylase	0.5 L				
γ-Glutamyl Transpeptidase	0.1 L				
SGOT (AST)	10 L				
SGPT (ALT)	10 L				
LDH	0.2 L				
CPK Total	0.2 L				
CPK (MB)	0.1 L				
Lipase	0.1 L				
Homocysteine kits for POC Diazyme	100 T				
Homocysteine control					
Multicalibrator for routine chemistries including LDL & HDL	0.2 L				
Human-based quality control serum (Normal & Abnormal) for	0.3 L				

routine chemistries					
HDL/LDL-cholesterol Controls (if available separately)	0.2 L				
Human-based immuno assay quality control serum (Normal & Abnormal) for hormones (Thyroid, fertility hormones etc.).	0.2 L				
Urine diluent for electrolyte determination					
Urine calibrator					

For coagulometer (Model KCI Make Sigma)			
Thromboplastin for PT(INR) Determination	2 L		
Quality Control serum (L-1,2,3) for INR determination	0.1 L		
Cuvettes with balls		Cost/pack (1000 pc)	
Compatible Auto pipette		Cost/piece	
For Nycocard Reader		Kit size	Cost/kit size
Quality control serum for HbA _{1c} , D-Dimer, CRP & Micro-albumin			
HbA _{1c}	6000 T		
D-Dimer	600 T		
CRP	1500 T		
Micro-albumin	600 T		
Nycocard auto-pipettes-			
5 ul			
25 ul			
50 ul			

Consumables for Auto analyzers

For Konelab 30			
Halogen lamp	<u>3</u>		
Sample cups	<u>10 P</u>		
Cuvettes	<u>20 P</u>		
P.M kit	<u>1</u>		
Prime wash	<u>10</u>		

For AU 680			
Select check			
Ref. Int. solution			
Std. Serum high			
Std. Serum low			
Reference solution			
Mid. standard			
Buffer			
Cleaning solution			
Na electrode	<u>1</u>		
K electrode	<u>1</u>		
Cl electrode	<u>1</u>		
Ref. electrode	<u>1</u>		
Washing solution	<u>1* 5 ltr</u>		
Pump tubes	<u>4</u>		
Lamp	<u>2</u>		
Sample probe	<u>1</u>		
Reagent probe	<u>1</u>		
Sample racks			
Tubes for pinch valve			
Sample cups			
Any other accessory			
Consumable for Autoanalyzer Roche model no. P 800 with ISE 900			
ISE internal standard (Gentamycin)	2* 0.2 L		
ISE Reference electrode	0.5 L		
ISE diluent	2* 0.2 L		
ISE cleaning solution	5 * 100 ml		
Cartridge K			
Cartridge Na			
Cartridge Cl			
Cartridge Reference electrode			
ISE compensator	10* 3 ml		
ISE Std. high	10 * 3 ml		
NaOH-D/Basic wash	12 * 59 ml		
Hit-33	12 * 59 ml		
Acid-wash solution	2* 2 L		
Halogen lamp			
NaOH-foesung HIT-917	2 * 2 L		

Cuvetter/reaction cells 32 pcs/set			
SMS	12 * 66 ml		
Sample cups	0.5 ml /2 ml		
Cell-wash solution 1/NaOH D			
25 µl			
20 µl			
10 µl			
5 µl			

IMMUNO-ASSAY ANALYZER KITS for BECKMAN ACCESS-2		
Access wash buffer	4 * 1950 ml	
Access Substrate	4 * 130 ml	
Access Reaction vessels	10* 98	
Access waste bag	20 box	
Access sample cups	0.5 ml	
Access Citranox	1 * 1 gallon	
Access control-70	1 * 1 liter	
Access system check solution		
Access incubator belt		
Access bearing kit		
Access mixer motor		
Beam walking RV.Shuttle		
Probe pipetter 3'		
Seal kit substrate pump		
Motor,wash protection valve		
Peltier		
Vacuum pump		
PM major kit		
PM major kit		
Sensor 8 '		
Sensor RV		
Thermistor universal		
Belt mixer		
Anti TG		
Anti TPO		
Free T ₃		
Free T ₄		
Total T ₃		
Total T ₄		

Ultra sensitive TSH		
TG		
Calibrators for T ₃ , T ₄ , TSH (Total & Free) Anti TG/ Anti TPO TG		
DHEA-S		
Estradiol		
FSH		
LH		
Prolactin		
Progesterone		
Testosterone (Free)		
Testosterone (Total)		
Calibrators for all the reproductive hormones		
Cortisol		
Calibrators for Cortisol		
Total PSA with calibrator		
Free PSA with calibrator		
PTH Intact		
PTH calibrator		
Folate and Calibrator		
Ferritin and calibrator		
Insulin and calibrator		
Vitamin B 12 and calibrator		
Clamps for Cuvettes holding		

ELISA Kits		
Anti CCP		
Vitamin D		
Anti gliadin IgA/ IgG		
Anti tissue transglutaminase		
Control serum for all the hormone of ELISA kits		
PTH kits with calibrator/standard		

Consumables for RIONS lab water syatem		
Pre filter set		
Pre fill RO membrane		
RO pre pack		
RO post pack		
Super Charger		
RO membrane pack		
Level sensor		
UPC filter		
Note : Supplier should also ensure the installation and maintenance		

CHEMICALS (AR/GR grade)	Pack Size		
Glacial Acetic acid	500 ml		
Conc. Nitric acid	500 ml		
Conc. Sulphuric acid	500 ml		
Conc. HCl	500 ml		
Fructose powder	500 gm		
Potassium hydroxide	500 gm.		
Sodium Bicarbonate	-do-		
Trichloro-acetic acid	-do-		
Copper sulphate	-do-		
Egg Albumin	-do-		
Ethanol	500 ml.		
Pot. dihydrogen Orthophosphate	500 gm.		
Ammonia Solution	500 ml		
Sodium Carbonate	500 gm.		
Sodium Hydroxide	500 gm.		
Phosphotungstic acid	500 gm.		
Ninhydrin	100gm		
Chloroform	500 mg.		
Sodium Nitroprusside	100gm		
Sodium chloride	500 gm.		
Resorcinol	100 gm.		
Sodium citrate	500 gm		
Sodium acetate	500 gm.		
Ammonium molybdate	500 gm.		
Ammonium Sulphate	500 gm		
Glycogen Powder	10 gm.		
Detergent for washing glass-ware neutral pH	500/5000 ml		
Tissue Paper/roll			
Glass Marking Pen			
Filter paper (ordinary)			
Variable volume auto-pipette (imported)			
200-1000 μ l			
20-200 μ l			

0-20 µl			
Bottle top dispenser (attach literature) 0.5-5 ml			
Disposable tips (White) 5-200 µl			
200-1000 µl (White)			
Borosilicate glass tubes 12x75 mm			
-do- 12x100 mm			
Disposable storage vials 3 ml volume			

TERMS & CONDITIONS

1. Tenders are invited from **Himachal-based dealers** duly authorized by the Manufacturers (**Tender Specific Authorization Certificate**) dealing in system packs for above-mentioned auto-analyzers.
2. The technical and financial bids should be separate.
3. The bid **should be prepared in the given format only otherwise it will not be considered.**
4. All the reagents/kits should be ISO 13485, CE and CLIA US FDA certified.
5. The reagents/kits should have long shelf lives \geq 12 months.
6. **Complete application sheet for auto-analyzers AU-680/P 800/Konelab 30 in original from the manufacturer for all the parameters should be attached with the bid.**
7. Technical assistance for smooth functioning of reagents on the analyzer is the pre-requisite and the bidder quoting lowest price will be called for **live technical demonstration on the said analyzers before final approval.**
8. **Quote the net price after discount, if any, in the given serial order of reagent kits in Rs./test & for IMMUNO-ASSAY kits in Rs./set otherwise it will not be considered.**
9. Original and detailed product information from the manufacturer showing measuring ranges, sensitivity limit and stability should be supplied with technical bid.
10. Calibration frequency of each parameter should be clearly defined on the literature sheet.
11. All reagents have to be **system packs in dedicated bottles for AU-680/P 800 (Roche)** auto-analyzers with program sheets from principal firms. These should be able to run on Konelab-30 also.

12. The tenderer has to certify that their application specialist will be attending any kit-related problem within twenty-four hours after call.
13. For any proprietary item the requisite certificate from the principal firm needs to be attached in technical bid.
14. For arriving at L-1, the costs of cholesterol/triglyceride/& HDL-cholesterol and Protein (Total)/& albumin and Bilirubin (T)/& Bilirubin (D) and AST/&ALT from the same manufacturer will be considered.
15. Should be liquid-stable
16. Reagent programming to be done by supplier
17. Before finalization, evaluation to be carried out by third party Quality control if not in use earlier.
 - Minimum No. of tests/kit
 - Cost per kit as well as per test of reagent
 - Samples to be submitted along with tender
18. For closed-system reagents the tenderer has to carryout the preventive maintenance of equipment also.
19. Only FDA approved kits are required.

MICROBIOLOGY DEPARTMENT

1.ANTIBIOTIC SENTIVITY TESTING DISC			
Sr. No.	NAME OF ITEM	CONCENTRATION	PACK SIZE
1	Ampicillin	10mcg/disc	50 discs
2	Azithromycin	15mcg /disc	50 discs
3	Aztreonam	30 mcg/disc	50 discs
4	Ampicillin /Sulbactam	10/10 mcg/disc	50 discs
5	Amoxyclav	20/10 mcg/disc	50 discs
6	Amikacin	30 mcg /disc	50 discs
7	Cefuroxime	30 mcg/disc	50 discs
8	Co.trimoxazole	25 mcg/disc	50 discs
9	Cefexime	5 mcg/disc	50 discs
10	Ceftazidime	30 mcg/disc	50 discs
11	Cafaclor	30 mcg /disc	50 discs
12	Cephalexin	30mcg/disc	50 discs
13	Ceftriaxone	30 mcg/disc	50 discs
14	Ciprofloxime	5 mcg/disc	50 discs
15	Cefotaxime	30 mcg/disc	50 discs
16	Cefoperazone	75 mcg/disc	50 discs
17	Cefepime	30 mcg/disc	50 discs
18	Cefoxitin	30 mcg/disc	50 discs
19	Cefopodoxime	10 mcg/disc	50 discs
20	Cefazolin	30 mcg/disc	50 discs
21	Ceftazidime/Clavulanic Acid	30 /10 mcg/disc	50 discs
22	Clindamycin	2 mcg/disc	50 discs
23	Chloramphenicol	30 mcg/disc	50 discs
24	Colistin(Methane sulphonate)	10 mcg/disc	50 discs
25	Doripenem	10 mcg/disc	50 discs
26	Erythromycin	10 mcg/disc	50 discs
27	Ertapenem	15 mcg/disc	50 discs
28	Fosfomycin	200 mcg/disc	50 discs
29	Gentamycin	10 mcg/disc	50 discs
30	High level gntamycin	120 mcg/disc	50 discs
31	Gemifloxacin	5 mcg/disc	50 discs
32	Imipenem	10 mcg /disc	50 discs
33	Levofloxacin	5 mcg/disc	50 discs
34	Linezolid	30 mcg/disc	50 discs
35	Merponenem	10 mcg/disc	50 discs
36	Moxifloxacin	5 mcg/disc	50 discs
37	Mupirocin	5 mcg/disc	50 discs
38	Nalidixic acid	30 mcg/disc	50 discs
39	Netilimicin	30 mcg/disc	50 discs
40	Nitrofloxacn	300 mcg/disc	50 discs
41	Norfloxacin	10 mcg/disc	50 discs

42	Ofloxacin	5 mcg/disc	50 discs
43	Penicillin –G	10 units	50 discs
44	Piperacillin	100 mcg/disc	50 discs
45	Piperacillin /Tazobactam	100/10 mcg /disc	50 discs
46	Polymyxin-b	300 units	50 discs
47	Rifampicin	5 mcg/disc	50 discs
48	Streptomycin	10 mcg/disc	50 discs
49	High level streptomycin	300 mcg/disc	50 discs
50	Teicoplanin	30 mcg/disc	50 discs
51	Tetracycline	30 mcg /disc	50 discs
52	Tigecycline	15 mcg/disc	50 discs
53	Tobramycin	10 mcg/disc	50 discs
54	Vancomycin	30 mcg/disc	50 discs
55	Vancomycin e-strips	0.016-256 mcg/ml	10 Strips

II. Differentiation Discs

1	Bacitracin	8 units	50 disc
2	Bacitracin	10 units	
3	Bile esculin		
4	Lead acetate paper strips(25 strips)		
5	Novobiocin		500mg
6	ONPG (50 disc/vl)		500 mg
7	Optochin		1 gm
8	V factor (50 disc/vl)		
9	X factor (50 disc /vl)		

III. STANDARD STRAINS

1	E coli ATCC 25922 one stick		
2	Staphylococcus aureus ATCC 27853		
3	Staphylococcus aureus NCTC 1803		
4	Pseudomonas aeruginosa ATCC 27853		
5	Enterococcus faecalis ATCC 29212		

IV. DETECTION KITS

1	Streptococcal Lancefield grouping		
2	E coll		

V. BIOLOGICAL FLUIDS

1	Rabbit Plasma		
2	Sheep Blood		

VI ANTISERA

1	Salmonella –Polyvalent – O		
2	Salmonella Antisera	O2	
3	Salmonella Antisera	O4	
4	Salmonella Antisera	O9	
5	Vibrio – Non differential		
6	Vibrio – Ogawa		
7	Vibrio – Inaba		
8	Shigella antisera Polyvalent		
9	Shigella dysenteriae	A	
10	Shigella flexneri	B	

11	Shigella sonnei	D	
12	Shigella boydii	C	
13	Escherichi coll entero- invasive	28ac	
14	Escherichi coll entero- invasive	112ac	
15	Escherichi coll entero- invasive	124	
16	Escherichi coll vero cytotoxin producing	157	

VII. MYCOLOGY LABORATORY

1	Bird seed agar	100 gm	
2	Corn meal agar with dextrose	100 gm	
3	Corn meal agar with dextrose	500 gm	
4	Malt extract agar base		
5	Potato dextrose agar 2%	100 gm	
6	Corn meal agar	100 gm	
7	Corn meal agar	500 gm	
8	Sabouraud chloramphenicol agar	500 gm	
9	Sabouraud cycloheximide agar	500 gm	
10	Tween 80		
11	Yeast agar base	500 gm	
12	Yeast nitrogen agar base	500 gm	
13	Candida differential chrome agar base	500 gm	
14	Muller hinton agar	500 gm	
15	Sabouraud agar	500 gm	

VIII . SUGAR ASSIMILATION MEDIA

1	Glucose	100 gm	
2	Glucose	500 gm	
3	Maltose	100 gm	
4	Maltose	500 gm	
5	Sucrose	100 gm	
6	Sucrose	500 gm	
7	Lactose	500 gm	
8	Cellobiose	100 gm	
9	Galactose	100gm	
10	Galactose	500gm	
11	Trehalose	100gm	
12	Raffinose	100gm	
13	Meliobiose	100gm	
14	Xylose	5 gm	
15	Inositol	100 gm	
16	Dulcitol	100 gm	
17	Adonitol	100 gm	
18	D – arabinose	100 gm	
19	Dextrose	100 gm	
20	Dextrose	500 gm	
21	Fructose	100 gm	
22	Fructose	500 gm	
23	Mannitol	5 kg	
24	Sorbitol	100 gm	
25	Sorbitol	500 gm	
26	Mannose	100 gm	

27	Mannose	500 gm	
28	Salicine	5 gm	
IX. ANTIFUNGAL E- TEST STRIPS			
1	Amphotericin B	0.002-32mg/ml (10strips)	
2	Itraconazole	0.002-32mg/ml (10strips)	
3	Ketoconazole	0.002-32mg/ml (10strips)	
4	Fluconazole	0.016-256mg/ml (10strips)	
5	Voriconazole	0.002-32mg/ml (10strips)	
X. ELISA KITS			
1	Scrub typhus ELISA kit IgG		
2	Scrub typhus ELISA kit IgM		
3	Hepatitis A virus IgM ELISA kit		
4	Hepatitis E virus IgM ELISA kit		
5	Hepatitis C virus IgM ELISA kit		
6	Hepatitis B Ab ELISA kit		
7	Hepatitis D virus IgM ELISA kit		
8	IgM dot ELISA for leptospirosis		
9	IgM ELISA for brucellosis		
10	Toxopasmosis IgG ELISA		
11	Toxopasmosis IgM ELISA		
XI. BACTERIOLOGY SECTION			
1	Giemsa stain (Methylene blue, eosin, azure B)	5 gm	
2	Sterile swab sticks (single packing)		
3	Cover slips	22mmx22mm	
4	Liquid soap		
5	Diamond pencil		
6	Carborandum discs		
XII. SEROLOGY			
1	RPR		
2	Widal rapid stained salmonella Ag		
3	RA factor		
4	CRP		
5	ASO		
6	ANA		
7	HBsAg card test		
8	Scrub typhus rapid card test		
9	Pan malaria card test		
10	Dengue virus – NS1 & IgM		
11	VDRL antigen		
XIII. VIROLOGY			
1	IgM Elisa for Rubella virus		
2	IgM Elisa For HSV -1		
3	IgM Elisa For HSV -11		

4	IgM Elisa For CMV		
5	Seller's stain (Methylene blue,basic fucshin)		

XIV . LIST OF MEDIA

1	Agar Powder	500 gm	
2	Meat extract	500 gm	
3	BHI Powder	500 gm	
4	Cooked meat medium	100 gm	
5	Cooked meat medium	500 gm	
6	Deoxycholate citrate agar	100 gm	
7	Deoxycholate citrate agar	500 gm	
8	CLED	100 gm	
9	CLED	500 gm	
10	Hugh & leifson medium	100 gm	
11	Hugh & leifson medium	500 gm	
12	Li medium base	100 gm	
13	Li medium base	500 gm	
14	Mac conkey ager base	500 gm	
15	Mac conkey broth(double strength)	100 gm	
16	Mac conkey broth(double strength)	500 gm	
17	Mueller hinton ager	500 gm	
18	Cary blarir medium	100 gm	
19	Cary blarir medium	500 gm	
20	Nutrient ager	100 gm	
21	Nutrient ager	500 gm	
22	Peptone	100 gm	
23	Peptone	500 gm	
24	Nutrient broth medium	100 gm	
25	Nutrient broth medium	500 gm	
26	Selenite broth medium	100 gm	
27	Selenite broth medium	500 gm	
28	Stock culture medium	500 gm	
29	TSI	100 gm	
30	TSI	500 gm	
31	TCBS	500 gm	
32	Urea agar base	100 gm	
33	XLD AGAR	500 gm	
34	YEAST extract	500 gm	
35	Bile esculin agar	100 gm	
36	Bile esculin agar	500 gm	
37	Mannitol motilly test medium	100 gm	
38	Deoxychlolsaure natriumsalz	100 gm	
39	Arginine	25 gm	
40	Ornithine	25 gm	
41	Lysine	25 gm	

XV . MISCELLANEOU –S

1	Microhematocrit tube		
2	Forceps toothed		
3	Forceps plain		
4	Neubauer'chamber		

5	Sahli hemoglobinometer		
6	Polysterene ELISA plate 96 wells		
7	Heating element of autoclave	3000 watt	
8	Heating element of autoclave	2000 watt	
9	QBC malaria kit		
10	Anemometer		
11	UV flux meter		
12	Universal sterile container 50 ml		
13	U V tube light	4 feet	
14	Sterile cotton throat swab		
15	Latex gloves small	6.5"	
16	Latex gloves medium	7"	
17	Latex gloves large	7.5"	
18	Diamond pencil		
19	Surgical mask triple		
20	N -95 mask		
21	Permanent marker pens		
22	Tissue paper roll		
23	Absorbent cotton		
24	Non Absorbent cotton		
25	Anodized slide rack		
26	Anodized slide folder		
27	Personal protective equipment (compete with gowns,shoe cover cap,goggles)		
28	Adhesive tape		
29	Rubber teat	10 ml	
30	Washing brush for glass tubes		
31	Laboratory thermometer		
32	Teasing needle		
33	Aluminum foil		
34	Magnifying lens 10x		
35	Tuberculin syringe		
36	Pasteur pipette		
37	Christensen citrate agar	10 gm	
38	L -phenylalanine		
39	Nigrosin	10 gm	
40	Acid fucshin	25 gm	
41	Autoclave polypropylene rectangular bottle	250 ml	

XVI . GLASSWARES

1	Funnel	75 mm	
2	Funnel	100 mm	
3	Petridishes	3000 ml	
4	Beaker	1000 ml	
5	Discard jars with lid	2 lt	
6	Pipettes	10 ml	
7	Conical flask	1000 ml	
8	Conical flask	3000 ml	

9	Flat bottom flask	200 ml	
10	Flat bottom flask	500 ml	
11	Flat bottom flask	1000 ml	
12	Mac cartney bottles	84x31 mm	
13	Durham's Tube	50x6 mm	
14	Test tube brush		
15	Slides	25x75 mm	
16	Screw capped bottle	200 ml	
17	Test tube	10x75 mm	
18	Test tube	12x75 mm	
19	Test tube	12x100 mm	
20	Test tube	15x125 mm	
21	Test tube	15x150 mm	
22	Test tube	18x150 mm	
23	Cover slips	18x18 mm	
24	Cylinder 1000 ml	1000 ml	
25	Water sampling bottles rectangular	350 ml	
26	Reagent bottle 1000ml	1000 ml	
27	Cavity slides		
28	VDRL Slides		
29	Glass rod		
30	Glass tubing		
31	Plasticine		

XVII .REAGENTS

1	HCL	35.4%(2.5lt)	
2	Sulphuric acid	98.08 m.w(2.5lt)	
3	Iso – amyl alcohol	500 ml	
4	Methanol	2.5 lt	
5	Ethyl alcohol	500 ml	
6	Lactic acid	500 ml	
7	Acetone	2.5 lt	
8	Acetic acid glacial	500 ml	
9	Ammonium dihy.ortho phosphate	500 gm	
10	Barium chloride	500 gm	
11	Calcium chloride	500 gm	
12	Ferric chloride	500 gm	
13	Hydrogen peroxide	100 ml	
14	Liquid paraffin	500 ml	
15	Magnesium sulphate	500 gm	
16	Alpha naphthol	500 gm	
17	Potassium dichromate	500 gm	
18	Potassium iodide	500 gm	
19	Potassium tellurite	100 gm	
20	Sodium bicarbonate	500 gm	
21	Sodium citrate	500 gm	
22	Disodium orthophosphate	500 gm	
23	Sodium chloride	500 gm	
24	Sodium hydroxide	500 gm	

25	Sodium hypochlorite	4% w/v(5 lt)	
26	Phenol	500 gm	
27	Glutraldehyde	5 lt .	
28	Pot .hydroxide	500 ml	
29	Copper sulphate	100 gm	
30	Para – dimethyl amino benozaldehyde	100 gm	
31	NNNN tetramethyl p – phenylene diamine dihydrochloride	25 gm	
32	Sulphanilic acid 99 %	100gm	
33	D L phenylalanine	25 gm	
34	Xylene	500 ml	
35	Basic fuchsin	25 gm	
36	Bromothymol blue	25 gm	
37	Bromo cresol purple	25 gm	
38	Crystal violet	25 gm	
39	Malachite green	10 gm	
40	Methylene blue	25 gm	
41	Methyl red	25 gm	
42	Nigrosin	25 gm	
43	Phenol red	25 gm	
44	Safranine	25 gm	
45	Iodine	25 gm	
46	Aniline blue	100 gm	
47	Cotton blue	25 gm	
48	Toluidine blue	25 gm	
49	PH Paper	5 -7.5	
50	PH paper	6-10	
51	Chloroform	100 ml	
52	Chloroform	500 ml	
53	Auramin rhodamine	25 gm	
54	Potassium permagnate	25 gm	
55	Nitric acid	98 % concentrated	
56	Albert' A	25 gm	
57	Albert' B	25 gm	
58	Lugol's Iodine	100 ml	
59	Cresol red	25 gm	
60	Acid fuchsin	25 gm	
61	Acridine orange	25 gm	
62	DPX mountant		
63	Sodium thiosulphate	500 gm	
64	Lysol	400 ml	

XVIII .VACCINES

1	Biovac –B		
2	Tetanus toxoid		
3	Influvac		

XIX . SKIN TEST

1	Casoni antigen	0.1ml	
2	2 Tu of PPD RT 23 with tween 80		

XX STOOL TEST

1	Clostridium K- set		
2	Single path & duo path lateral flow test (Bacillus cereus)		

XXI URINANALYSIS REAGENT STRIPS

1	Leucocytes, nitile ,Urobilinogen,protein ,blood,ph,glucose, ketone ,bilirubin,specific gravty.		
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XXII PRACTICAL TEST (Microbiology slides)

1	Plasmodium falciparum ring form		
2	Plasmodium gametocytes		
3	Leishania amastigotes		
4	Toxoplasma tachyzoites		
5	Bacillus spp with spores		
6	Gram negative diplococcic in PMN cells		
7	Plague bacillus methylene blue stain		
8	Cryptococcus gram stain		
9	Giardia trophozoite giemsa stain		
10	Cryptosporidium parvum oocsyt (modified ZN)		
11	Rhinosoridium seeberi (H&E)		
12	Cysticercus cellulosae (H&E)		
13	Negri bodies (seller's stain)		
	PRACTICAL TEST		
1	Staining racks		
2	Spirit lamp		
3	Loop		
4	L- wire		
5	Straight wire		

XXIII PCR LAB

1	RNA extraction kit		
2	DNA extraction kit		
3	Viral transport medium		
4	PCR tube 0.1 ml	8x12x10=960	
5	Optical caps for PCR tubes	8x12x10=960	
6	Molecular grade ethyl alcohol	1x500 ml	
7	Self seal plastic bags with biohazard sing	5.25"x7.25"	
8	Paraffin sealing tape	0.2m thickx 1"widthx25 ft	
9	Microcentrifuge tubes 0.65ml	1000 tubes /pack	
10	Microcentrifuge tubes 1.75ml	1000 tubes /pack	
11	Microcentrifuge tubes 2.0ml	1000 tubes /pack	
12	2 ml screw cap micro tube	1000 tubes /pack	
13	Plaster waste bottle nozzle	500 ml	
14	Nitrile gloves small	50 pairs /pack	
15	Nitrile gloves medium	50 pairs /pack	
16	Nitrile gloves large	50 pairs /pack	
17	Sterile tips 1-200ul	500 tips /pack	
18	Sterile tips 100-1000ul	500 tips /pack	
19	20 ul racked filter tips	10 rack /pack	

20	200 ul racked filter tips	10 rack /pack	
21	1000 ul racked filter tips	6 rack /pack	
22	Petri dishes 90x15mm	460 /pack	
23	Measuring cylinder 500 ml	6 /pack	
24	Measuring cylinder 1000 ml	6 /pack	
25	5 ml storage tubes	200 tubes / pack	
26	Centrifuge tubes 50 ml	500 tubes / pack	
27	Centrifuge tubes 15 ml	500 tubes / pack	
28	Disposable long nozzle tips	1 ml	
29	Falcon tubes	50 ml	
30	Falcon tubes	15 ml	
31	Discard jar	5 lt	
32	Vortex mixer (touch mode)	1	
33	Dropping bottle	125 ml	
34	Weight boat large	500/pack	
35	Disposable inoculating loops	1000/pack	
36	Extra long filter tips 1200ul	10 rack/pack	
37	Micropipette 0.5 -10 ul	1	
38	Micropipette 2-20 ul	1	
39	Micropipette 10-100 ul	1	
40	Micropipette 20- 200 ul	1	
41	Micropipette 100-1000 ul	1	
42	Micro tube rack 1.5/2.0 ml tubes	5 rack/pack	
43	1 triple density ice pan	1	
44	Optional head attachment	1	
45	Laboratory waste collection bin S.S.10ltr	1	
46	0.22um nitrocellulose membranes 300x300 mm	1	
47	ATZ touch (long term antimicrobial)	1 ltr pack	
48	DNA away	500 ml	
49	RNAse away	500 ml	
50	PCRreaction tube	1.5 ml	
51	Barrier tips	100-200 ml	
52	Barrier tips	0.5-10 ml	
53	Barrier tips	20 ml	
54	Phosphate buffer saline	pH=7.2	
55	HPV (Human papilloma virus kit) multiplex PCR kit		
56	Endocervical brush & spatula		
57	Tartrazine ix		
58	Xylene cyanol		
59	Bromophenol blue		
60	Agarose		
61	T.BE buffer		
62	T.A.E buffer		
63	Taq polymerase		
64	Magnesium chloride 25 mm		
65	10x buffer		
66	Restriction digest		
67	Restriction Enzyme		
68	Microwave		

69	Stirring hot plate		
70	Erlen meyer flask	250 ml	
71	Graduated cylinder	10 ml	
72	Graduated cylinder	20 ml	
73	Graduated cylinder	50 ml	
74	Graduated cylinder	250 ml	
75	Gel purification kit		
76	Trackit cyan		
77	Orange –G IX		
78	Glycerol		
79	Ethidium bromide		
80	Gel scoop		
81	Staining trays		
82	DNA Ladder 10-15,000bp		
83	DNA Ladder 1000-10,000bp		
84	DNA Ladder 100-2,000bp		
85	DNA Ladder 100bp		
86	EDTA 1mm		
87	HPV 16/18 RT PCR kit		
XXIV HEPA FILTER (Dimensions)			
1	8x8x3-1/16		
2	8x8x5-7/8		
3	12x12x5-7/8		
4	24x24x5-7/8		
5	24x24x11-1/2		
6	12x12x11-1/2		
XXV . VACUTAINERS			
1	Serum/plain	Red	
2	EDTA	Lavender	
3	Citrate	Blue	
4	Green	Heparin	
XXVI. SYRINGES			
1	Syringes	2 ml	
2	Syringes	5 ml	
3	Syringes	10 ml	

Serodiagnostic and PCR kits for State Viral Research Diagnostic Laboratory

(1) Serodiagnostic Kits- Elisa based and Rapid Diagnostic Kits (Card, Immoblot Immunochromatographic etc.)

HAV
HBV
HBeAg

HBeAb
HBsAg
HCV
Anti HCV
HEV
West Nile Virus
HSV I and HSV II
CMV
JE Virus
Varicella Zoster Virus
Measles Virus
Mumps Virus
Rubella Virus
Dengue-IgM
Dengue –NSI Ag
Chikunguniya
Parvovirus B.19
Rota Virus
Adenovirus
Astrovirus
Norovirus
E.B. Virus
Hepatitis Delta

(2) PCR Kits (Real Time PCR Kits) (Compatible with Rotorgene-Q 5000(Qaigen) Cobas
Taqman 48 (Roche)

HAV Real time RT-PCR Kit
HBV DNA quantitative Real Time PCR Kit
HCV RNA Quantitative Real Time RT-PCR Kit
HCV Genotype Real Time RT-PCR Kit
HDV Real Time PCR Kit
HEV Real Time RT-PCR Kit
HPV 16 and 18 Real Time PCR kit
HSVI and HSVII Real Time PCR Kit
Varicelle Zoster Virus Real Time PCR kit
Human Parvovirus B19 Real Time PCR Kit
EBV Real Time PCR kit
BK virus Real Time PCR Kit
Human Herpes Virus (HHV-6) Real Time PCR Kit
Human Herpes Virus (HHV-7) Real Time PCR Kit
Human Herpes Virus (HHV-8) Real Time PCR Kit
Rotavirus
Noro Virus
Human Astrovirus
Adenovirus Real Time PCR
Sapo Virus Real Time PCR
Picorna Virus Real Time PCR
SARS Real Time RT PCR
RSV Type A and B Real Time PCR Kit
Human Para Influenza Type I PCR Kit

Human Para Influenza Type II PCR Kit
Human Para Influenza Type III PCR Kit
Human Para Influenza Type IV PCR Kit
Human Coronavirus Real Time PCR
Human Metapneumo Virus Real Time
Measles Real Time RT-PCR
Mumps Real Time RT-PCR
Rubella Real time RT-PCR
Human Boca Virus Real Time PCR
Dengue Virus General Real RT PCR
CC HFV RT PCR
Chikungunya Virus Real Time
CMV
Nipah Virus Real Time RT
Cox sackie Virus Real Time PCR
Alpha-Fetoprotein quantitative Elisa kit

DNA/RNA Extraction kits and Miscellaneous items

DNA Extraction Kit
RNA Extraction Kit
DNA/RNA Extraction Kit
RNAase away-500ml
DNAase away-500ml

RADIOTHERAPY DEPARTMENT

Specifications for Supply of Mo-99-Tc99m Column Generator

. Mo-99-Tc99m Column Generator to be delivered on site i.e. Nuclear Medicine Centre, Regional Cancer Centre, Indira Gandhi Medical college, Shimla(HP)

. Type of Generator: Dry Generator

.Size-200mCi and 300mCi

PHYSIOLOGY DEPARTMENT

Sr. No.	Name of Item
1.	Micro Pipette
2.	Hb Pipette
3.	RBC;s Pipette
4.	WBC;s Pipette
5.	Waster green Pipette
6.	Win Drop Tube
7.	ESR Sucker
8.	Dropper Plastic (10ml)
9.	Test Tube Stand
10.	Staining Tray
11.	Leish Man;s Stain
12.	Hayem;s Solution
13.	Nurve Conduction Paste

Sr. No.	Name of Reagent/Chemical
1.	3-3 Diaminobenzidine
2.	Acetic Acid
3.	Acetone
4.	Acid Fuschin
5.	Activated Charcoal
6.	Alcian Blue
7.	Alfa Amylase
8.	Alpha Naphthyl Acetate
9.	Alpha Naphthyl Butyrate
10.	Aluminium Potassium Sulphate
11.	Ammonia
12.	Ammonium Ferric Sulphate
13.	Ammonium Oxalate
14.	Ammonium Potassium sulphate
15.	Ammonium Sulphate
16.	Anhydrous Aluminium Chloride
17.	Aniline
18.	Ascorbic Acid
19.	Basic Fuchsin
20.	Benzidine
21.	Best Carmine
22.	Brilliant Cresyl Blue
23.	Carbol Fuchsin Powder
24.	Carbol Fuschin
25.	Carbowax
26.	Cedarwood Oil
27.	Charcoal (SQ)activated
28.	Chloral Hydrate
29.	Chloroform
30.	Chromic Acid
31.	Citric Acid (SQ)
32.	Cobalt Chloride
33.	Cobalt Nitrate
34.	Congo Red
35.	Cotton Seed Oil
36.	Crystal Violet
37.	Diamino-Benzidine
38.	Diastase
39.	Disodium Hydrogen Phosphate
40.	DPX
41.	Dry Aluminium Hydroxide
42.	EDTA (Dipotassium)
43.	EDTA (Dipotassium Salt)
44.	Egg Albumin
45.	Eosin
46.	Eosin Staining Powder
47.	Ethyl Alcohol
48.	Ethyl Ether
49.	Ethylene Glycol

50. Fast Blue BB
51. Fast Garnet GBC
52. Fast Green FCF
53. Ferric Ammonium Sulphate
54. Ferric Chloride
55. Formaldehyde
56. Formic Acid
57. Gelatin
58. Giemsa Powder
59. Glacial Acetic Acid
60. Glycerine
61. Glycerol
62. Gold Chloride
63. Haematoxylene
64. Hexazotized New Fuchsin
65. Hydrochloric Acid
66. Hydrogen Peroxide
67. Indigo Carmine
68. Iodine
69. Iron Chloride
70. Isopropanol
71. KH_2PO_4
72. Leishman's Stain
73. Light Green SF
74. Lithium Carbonate
75. May Grunwald's Powder
76. Mercuric Chloride
77. Mercuric Oxide
78. Methanamine
79. Methanol
80. Methyl Alcohol
81. Methyl Blue
82. Methyl Green
83. Na_2HPO_4
84. $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$
85. Naphthol-AS Phosphate
86. Naphthol AS-B1 Chloroacetate
87. Naphthol AS-D Chloroacetate
88. Neutral Fast Red
89. Neutral Red
90. New Methylene Blue
91. Nitric Acid
92. N-N Dimethyl Formamide
93. Oil Red O
94. Orange G
95. Orcin G
96. Orcin Synthetic
97. Osmium Tetraoxide
98. Oxalic Acid
99. Paraffin Oil
100. Paraffin Wax

101. Paraldehyde
102. Pararosaniline Dye
103. Periodic Acid
104. Phenol
105. Phenol Crystalline
106. Phosphomolybdic Acid
107. Phosphotungstic Acid
108. Picric Acid
109. Potassium Carbonate
110. Potassium Chlorate
111. Potassium Chloride
112. Potassium Dichromate
113. Potassium Ferricyanide
114. Potassium Ferrocyanide
115. Potassium Hydroxide
116. Potassium Iodide
117. Potassium Metabisulphite
118. Potassium Permanganate
119. Propylene Glycol
120. Safaranin
121. Silver Nitrate
122. Sodium Acetate
123. Sodium Acetate Trihydrate
124. Sodium Barbiturate
125. Sodium Bisulphate
126. Sodium Borate
127. Sodium Carbonate
128. Sodium Chloride
129. Sodium Dihydrogen Phosphate
130. Sodium Dithionate
131. Sodium Fluoride
132. Sodium Hydroxide
133. Sodium Hypochlorite Solution
134. Sodium Iodate
135. Sodium Metabisulphate
136. Sodium Nitrite
137. Sodium Nitroprusside
138. Sodium Thiosulphate
139. Sudan 3 Staining Powder
140. Sudan Black
141. Sulphur Powder
142. Sulphuric Acid
143. Tannic Acid
144. Tartaric Acid-Crystalline
145. Thymol Dihydrogen Phosphate
146. Toluidene Blue
147. Tris Buffer
148. Xylene
149. Zinc Chloride
150. Acti Diff with Card (for MS-9 & MS-4 Haematology Analyzer)
151. Isoflux

152. Transflux
153. Cleaning Solution
154. Haemoreff Solution
155. Clot Filtter for Blood analyzer
156. Estrogen Receptor (ER)
157. Progesterone Receptor (PR)
158. Her-2-neu
159. EGFR & ALK
160. Consumable & detection kit for IHC machine for 200 tests

**UTHC BOILEAUGANJ (UNDER COMMUNITY MEDICINE
DEPARTMENT**

1. Reagents required for Sysmex XP-100 Hematology Analyzer

Sr. No.	Name of Reagent/Chemical
1.	Cell Pack
2.	Cell Clean
3.	Stromatolyzer
4.	Tri Control
5.	Internal Printer Paper

2. Reagent required for Erba Mann Heim EM 200 Biochemistry Analyzer

Sr. No.	Name of Reagents/Chemicals
1.	Erba Multical
2.	Erba XL Autowash
3.	Erba Path
4.	Erba Norm
5.	Glucose Kit
6.	Urea Kit
7.	Creatinine Kit
8.	Uric Acid Kit
9.	Bilirubin Direct Kit
10.	SGOT Kit
11.	SGPT Kit
12.	Alkaline Phosphate Kit
13.	Total Protein Kit
14.	Albumin
15.	Total Cholestrol
16.	Triglycerides
17.	HDL Direct

3. Consumables

Sr. No.	Name of Item/Chemicals
1.	Distilled Water
2.	Sterile Surgical Gloves
3.	70% of Alcohol
4.	20% Hypochloride
5.	Red Top Tubes
6.	Purple Top Tubes
7.	Grey Top Tubes
8.	Albumin/Sugar Urine Strips

Only FDA approved kits are required

To be enclosed with Technical Bid

ANNEXURE-D

PROFORMA FOR AUTHORITY FROM MANUFACTURERS

No.....

Dated.....

To,

Dear Sir,

Sub: Tender No.....

We..... an established and reputed manufacturers of having factories at.....and office at M/s..... hereby authorise (Name and Address of the Authorized representative) _____ to represent us, to participate in the tender, negotiate and conclude the contract on our behalf with you against Tender no.....

No company/firm or individual other than M/s..... is authorized to represent us in regard to this business against this specific tender.

Yours faithfully,

Signature and seal
Name.....
For & on behalf of M/s
.....
(Name of Manufacturers)

Note: This letter of authority should be on the letter head of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturers.