

**OFFICE OF THE DIRECTORATE OF HEALTH AND FAMILY WELFARE PUNJAB**  
**(PARIVAR KALYAN BHAWAN SECTOR 34, CHANDIGARH)**  
**STATE HEALTH SOCIETY (NPCB)**

**NOTICE INVITING TENDER**

**Bid No.M&E(NPCB)-Pb.-2011/**

**Dated, Chandigarh**

1. Item wise Sealed tenders are invited from original manufacturers having their own manufacturing unit with 3 years existence or through their authorized distributors/suppliers for the supply of machinery & equipments and other hospital materials under National Programme for Control of Blindness as per details given in the tender form at **annexure- V**.

The Tenderer will submit the tender separately for each item. The name of the item for which the tender is being submitted, will be displayed boldly on the envelope.

Only those bidders are eligible for bidding who have 3 years of experience of the concerned item in the reputed Institutions. The firm will submit the item-wise tender and the firm should submit tenders in two bid systems i.e. **“Technical Bid”** and **“Financial Bid”** separately and both envelopes should be put in one main envelope, tender notice no. and item no. must be mentioned on the envelope of the tender failing which the tender will be rejected straightway.

2. **The firm should have a minimum turnover of Rs. 5.00 crores in the preceding financial year and it should be certified by a Chartered Accountant.**

3. The Tender form along with specifications can be obtained/ purchased from this office with payment of Rs. 500 of each item in room no. 505 of this office. Sales timings of the tender will be from 10.00 am to 04.00 pm on all working days. Tender form will not be sale on the last day of receipt of tender.

4. Bidding documents can also be downloaded from the official website [www.pbhealth.gov.in](http://www.pbhealth.gov.in) and at the time of submitting the documents, a demand draft of Rs. 500 in favour of State Health Society (NPCB) may be attached with the technical tender as the cost of the tender documents, failing which tender of the firm will be rejected straightway.

5. EMD item wise which is shown in the list of item in tender form must be deposited in the shape of FDR which should be valid for 6 months in favour of State Health Society (NPCB) Punjab and must be attached with technical tender failing which tender of the firm will be rejected straightway.

6. Complete details/specifications of the items mentioned in **Annexure-V & 1 to 22** are available in the bidding document.

7. The schedule of major activities in this regard is as under:-

Start of Sale of Tender Document	12-12-2011
Date, Time & Place of Pre-bid conference	19-12-2011 at 11.00am in the committee room of this office
Last date of sale of bid document	09-01-2012
Cost of Tender Document	Rs. 500/-
Last date and time of receipt of tender	10-01-2012 up to 12.00pm
Date and Time of opening of Technical Bid	10-01-2012 at 2.30 pm

8. Bids must be put in a box placed before Room no. 222, (1st floor) at the above mentioned address on or before 10-01-2012 at 12.00 pm and tender will be opened on the same day at 2:30 PM in the presence of the bidders, who wish to be present at the time of opening of the bid. If the Government declares a holiday on the date of receipt of the bids as specified, the bids will be received & opened on the next working day at the same time & venue.
9. The Director of Health and Family Welfare, Punjab reserves the right to accept or reject any bid or all the bid(s) without assigning any reason and approve any other party for the supply of these items at any stage.
10. Corrigendum/Addendum/Corrections, if any will be published in the website. Bidders are advised to visit our website ([www.pbhealth.gov.in](http://www.pbhealth.gov.in)) regularly for up to date information.

**Sd/-**  
**State Programme Officer (NPCB)**  
**Director Health and Family Welfare, Punjab.**

**TENDER FORM FOR THE SUPPLY OF VARIOUS TYPE OF MACHINERY & EQUIPMENTS  
AND OTHER HOSPITAL MATERIALS UNDER THE STATE HEALTH SOCIETY (NPCB)**

**TENDER DOCUMENTS SALE PARTICULARS**

Name of Item \_\_\_\_\_

Issued to \_\_\_\_\_ on

dated \_\_\_\_\_ against cash/ receipt/ D.D. No. \_\_\_\_\_

dated \_\_\_\_\_ amounting to Rs. 500/-. Issued by Post/ by hand. Request

letter No. \_\_\_\_\_ dated \_\_\_\_\_.

**AUTHORISED SIGNATORY**

**TENDER FORM FOR THE SUPPLY OF VARIOUS TYPE OF MACHINERY & EQUIPMENT  
AND OTHER HOSPITAL MATERIAL**

Office of the Director Health & Family Welfare, Phone- 0172-5016944  
Parivar Kalyan Bhawan, Sector 34-A Fax No. 0172-2609142  
Chandigarh Website: www.pbhealth.gov.in

Tender Notice No. M&E/NPCB/Pb/2011-12/ Dated,----- Chandigarh

Start of Sale of Tender Document	12-12-2011
Date, Time & Place of Pre-bid conference	19-12-2011 at 11.00am in the committee room of this office
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For and on behalf of Director Health & Family Welfare, Punjab sealed tenders are invited from the original manufacturers having their own manufacturing unit with three year existence or through their authorized distributors/suppliers for the supply of various type of Machinery & Equipments and other hospital materials under State Health Society (NPCB) Punjab as per specifications attached as in Annexure 5 (Appendix 1 to 22).

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**Eligibility criteria**

- 1** The bidder should have a minimum turnover of Rs. 5.00 crores in the preceding financial year and it should be certified by a Chartered Accountant.
- 2** Should be original manufacturer and having its own manufacturing unit with proof of three years existence or his authorized distributor/supplier, who has the original authority letter of the manufacturer to quote the tender as a dealer.
- 3** Should have done this type of work for the last three years satisfactorily in the reputed institutions.
- 4** The manufacturer furnishes a legally enforceable authorization in the prescribed form (Annexure-II) assuring full guarantee and Warranty obligations as per Conditions of the Contract for the goods offered; and
- 5** In case where the bidder is original manufacturer, the bidder must have manufactured and supplied satisfactorily similar item of the type specified in the schedule of requirements to the extent of at least 60% of the total quantity, in any one of the last three years as on the last date of the month preceding the bid opening date. There should not be any adverse report on the functioning of the item for at least two years on the date of bid opening.

- 6 In case where the bidder is authorized agent/suppliers, they should have supplied and provided after sales service to the extent of 30% of the total quantities indicated in the schedule of requirements during the last three years in reputed Institutions which must be in satisfactory operation for at least one (1) year on the date of bid opening.
- 7 At any time prior to the date of submission of bid, DHFW (Director, Health and Family Welfare, Punjab) may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by an amendment. All prospective bidders who have received the bidding document will be notified of the amendment in writing and that will be binding on them. In order to give reasonable time to take the amendment into account in preparing their bids, DHFW may at its discretion, extend the date and time for submission of bids.
- 8 All the columns of the tender form shall be duly and exhaustively filled. The rates & units mentioned should not be over written and tender with cuttings and over writings in rates and units will be rejected. Rates should always be mentioned in both in figures and words.

### **Documents required in Technical Bid only**

- 9 The bidder has to submit following documents:-
  - a) Compliance statement for the quoted equipment supported by original product catalogue/brochure/product literature clearly highlighting the technical specifications asked in the bid duly signed by the tenderers in the technical bid.
  - b) List of Service Centers in the State of Punjab/Chandigarh/Haryana with details of concerned engineer who will provide after sale service.
  - c) Authorization like power of attorney, resolution of board, for the senior officer of the company who has submitted the bid the bid.
  - d) Details of supplies done in the last three years with copies of purchase order and performance certificate issued by the clients as per the format given in **Annexure- III.**
  - e) The tenderer should certify in an unequivocal terms that the item offered are strictly as per N.I.T. specifications laid down by this office.
  - f) Tenders/offers of the firms which do not conform to the NIT specifications/ rules, terms and conditions will be ignored in the offer.
  - g) Annual turnover statement for last three years in the format given in **Annexure-I** certified by the Chartered Accountant.
  - h) Latest VAT Clearance Certificate or copies of VAT returns.
  - i) Affidavit to certify that Manufacture/Dealer/Supplier has never been black listed/convicted.
  - j) Copies of ITR for last three years.
  - k) Declaration Form in **Annexure-IV** for acceptance of all Tender conditions.
  - l) Copy of PAN Card and PAN details including the details of Assessing Authority.
  - m) **The tender schedule signed by the bidder at all pages with office seal.**
- 10 Earnest money must be deposited in the shape of Demand Draft in favour of State Health Society NPCB O/o DHFW, Punjab for each item and mentioned in the list of equipment, failing which the tender will be rejected. The said amount will be regarded

as forfeitable to government in case any successful tenderer fails within the time fixed by the DHFW, Punjab either to sign the contract on terms contained in the Notice Inviting. Tender form and conditions of contract referred in the invitation of tenders or to pay the additional security referred to in the next clause below.

**11** In the event of the tenders being submitted by a firm, it must be signed separately by each member thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power of attorney authorizing him to do so or in the case a company, the quotations should be executed in the manner laid down in the said company's Articles of Association/Memorandum of Articles.

**11-a** Technical brochures/Product Catalogue wherever applicable of the product quoted and also certificates asked for in the detailed technical specifications should also be enclosed

### **Check List For Technical Bid**

<b>S.No</b>	<b>Name of Documents Required</b>	<b>Attached at Page No.</b>
1	Proof of manufacturer / License No.	
2	Original Authority Letter from Principal Manufacturer in case of authorized dealer-Annexure-II	
3	Earnest Money as mentioned in the list of equipments in separate envelop	
4	Manufacturing capacity/production of the product	
5	If the item falls in Drugs and Cosmetic Act 1945, then valid Drug License may be attached	
6	Copy of valid GMP/relevant standard certificate( CE European, US FDA etc.) as mentioned in Technical Specifications.	
7	Copy of Sales Tax/VAT Nos	
8	Proof of 3 years market standing/existence for 3 years	
9	Duly signed original schedule B of tender document	
10	Affidavit duly attested by Notary Public to the effect that the firm has never been blacklisted /debarred in any state-Annexure-VI	
11	Turn over certificate from Chartered Accountant to the effect that the item wise turnover of the firm is as per Annexure-I	
12	Attested photocopy of PAN Card.	
13	Certificate in the shape of Affidavit duly attested by Notary Public that the rates quoted are lowest and are no way higher than those quoted to DGS&D/ESI Corporations or any Central/State Government institution- Annexure-VII	
14	Declaration as Annexure -IV	

Notarized photocopy of above said documents should be attached along with the Technical Tender failing which technical tender will be rejected straightway.

**Note:** - If the tender has been quoted by the authorized dealer then he will attach all the documents required in the tender of principal manufacturer and also submit the following documents as an authorized dealer of his own, Sales Tax/VAT Registration, PAN Card and original authority letter from manufacturer.

**Documents required in Financial Bid only**

The firm will quote the rates in the following Performa:

S. No.	Name of item	Basic Rate	Excise Duty	Discount if any	Sales Tax/VAT	Rates of CMC for 5 years after warranty period (if applicable)	Any other tax	Total Rate (inclusive of all taxes)

- 12 The firm should quote the price of the items in Indian Currency only.
- 13 Rates should be quoted at FOR destination anywhere in Punjab.
- 14 Certificate that the firm has not supplied the material at lesser rate to Central or any State or Govt. Institutions, Corporation/Hospitals in the State before it and will not supply at lesser rate than it.
- 15 Validity of Bid should be 120 days from the date of opening.
- 16 Firm will not quote the prices in the technical bid. Rates should only be quoted in financial bid only in Indian Currency failing which offer will not be accepted.
- 17 Any omission in filling the columns of units and rates inclusive of taxes shall altogether debar quotations/tender from being considered.
- 18 Incomplete or conditional offer incorporating price maintained and force majeure etc. will not be entertained.
- 19 **Financial tender required to be furnished by the firm should be in duplicate i.e. one original and one duplicate, sealed separately and put in one envelop bearing mark "FINANCIAL TENDER".**
- 20 Incomplete or conditional offer regarding quoted rates will not be entertained.
- 21 No correction will be accepted in the rates quoted in the financial tender.
- 22 The quantity of items can be increased or decreased up to 25% at any stage of procurement.

- 23** The firm should have service centers in Punjab, Chandigarh or Haryana. The supplier will be bound to conditions mentioned in the Technical Specification regarding warranty/service.
- 24** No revision of rates will be accepted within the period of tender.
- 24-a** Discount if any applicable should be mentioned in the quoted prices. Discount mentioned separately will not be considered. This should be part of Financial Bid only.
- 24-b** The supply orders may be issued to successful bidders in lump sum or in part as and when material is required.

**Sd/-**  
**State Programme Officer (NPCB)**  
**O/o Directorate, Health and Family Welfare, Punjab.**

## General Terms and Conditions for the Tenderer

### 25 Pre-bid conference:

- a. A pre bid conference will be held on **19-12-2011** at 11:00 am in the committee room of Parivar Kalyan Bhavan o/o DHFW, Punjab Sector-34-A, Chandigarh. Any prospective bidder can attend the pre-bid conference and seek clarifications if any required. No request for any amendments in technical specifications or terms and conditions will be entertained after the pre-bid conference. Proceedings of the pre-bid conference will be reflected on the web site of the Department of Health & Family Welfare, Punjab [www.pbhealth.gov.in](http://www.pbhealth.gov.in) and any clarification issued/Modifications made during the pre-bid conference will be binding.

### 26 Opening of bids

- i. The financial tender will be opened only in respect of those firms whose technical bids are found substantially responsive by the tender evaluation committee.

### 27 BID SECURITY (EARNEST MONEY DEPOSIT)

- b. Each bid must be accompanied with a bid security (EMD) for the amount specified in NIT in the form of Bank Draft favoring "State Health Society, NPCB Punjab" payable at Chandigarh. Bid security submitted in any other form will not be accepted. Any bid submitted without Bid Security in accordance with this clause will be rejected. This Bid Security amount of the successful bidder will be retained by State Health Society, NPCB Punjab till the completion of the tender process/period. The Bid Security of unsuccessful bidders will be returned within 30 days after finalization of the tender. The Bid Security amount will not carry any interest. If the successful bidder fails to execute the agreement and or deposit the performance security (Security Deposit) within the specified time, or withdraws his bid within the validity period of the bid, this bid security amount will be forfeited. **No exemption is available to any organization for submission of bid security and bids not accompanied by the requisite bid security will be rejected straight away.**

### 28 PERFORMANCE SECURITY (SECURITY DEPOSIT)

- (i) The Successful bidder within 10 days after receipt of acceptance letter shall be required to pay **Performance Security Deposit equivalent to 10%** of the total value of the order as performance security. The Performance Security shall be denominated in Indian Rupees in the shape of Bank Draft/Demand Draft drawn in favour of "State Health Society, NPCB Punjab" payable at Chandigarh.
- (ii) This performance security amount will be refunded after satisfactory completion of warranty/guarantee period of each item as mentioned in the offer. The performance security amount will not carry any interest, if provided in cash. However, if provided in shape of Bank Guarantee, the validity of Bank Guarantee should be for 60 days beyond the warranty period, the Bank Guarantee valid for a shorter period will be

considered as major deviation and could lead to termination of contract and forfeiture of EMD.

- (iii) In addition to other penal action if the supplier fails to supply the goods and perform the service as per contract leading to termination of the contract, the performance security amount will be forfeited.

## **29 PERIOD OF VALIDITY OF BIDS**

Bids shall remain valid for 120 days after opening of technical bids. A bid valid for a shorter period will be rejected as non-responsive. DHFW may solicit the bidders consent to an extension of the period of validity. A bidder may refuse the request without forfeiting their bid security. **In the event of tender being accepted, it will be converted into a rate contract for one year** from the date of opening of technical bid which will be governed by the terms and conditions of the tender form.

## **30 WARRANTY**

- (a) The Model offered for the quoted equipments should be latest and not re-furbished. The spare parts for the equipments must be available for a period of at least next 10 years and bidder should keep the institution informed of any update of the equipments over a period of next ten years
- (b) The bidder shall supply only new, unused material without defect arising from material workmanship or from any action or omission of the supplier that may develop under normal use of the supplied material and shall provide comprehensive warranty for a period as specified in specifications.
- (c) If at any point of time the production of the supplied model of Equipment is stopped or the production of spare parts of the supplied model of Equipments is stopped, the Supplier/bidder will give adequate advance notice to the purchaser so that the purchaser can undertake to procure the requisite spare parts in advance as per under taking given by the bidder.

## **31 PRICES AND OTHER CONDITIONS**

The details of the required goods are shown in **Annexure-V**. The quantity mentioned is only the tentative requirement and may be increased or decreased as per the decision of the Director, Health & Family Welfare, Punjab, Chandigarh and requirements at Health Institutions in the State. The rates quoted should not vary with the quantum of the order or the destination

## **32 BID CURRENCY AND EVALUATION OF PRICE BIDS:**

The bidder should quote the rates for the items described as per the specifications shown in **Annexure5 (Appendix 1 to 22)** only. Any omission in this regard may result in rejection of the tender.

- a) Rates quoted should be complete i.e. inclusive of Sale Tax/VAT and Excise Duty, Transportation, Insurance and any incidental charges etc., on FOR Destination basis according to the unit asked for, No bid conditions like "AT CURRENT MARKET

RATES” shall be accepted. No Handling, clearing, transport charges etc., will be paid. The deliveries and installation should be made as stipulated in the purchase order placed with successful bidders.

- b) The rates of sales tax, inter-state tax, VAT or any other tax must be specially mentioned failing which no tax will allowed at subsequent stage.
- c) For Imported Equipment, the purchaser/Indenter will arrange to get the Customs Duty Exemption Certificate (CDEC) as per applicable custom duty notification in force from the Govt. authorities. The bidder should clearly indicate the exact amount of customs duty payable against the CDEC on the goods to be supplied in the column provided in the price bid. If no specific indication is made by the bidder in their bid, then it will be considered that no customs duty is applicable and any claim at a later date on this will not be entertained.

**33 (a)** If at any time during the period of contract, the price of tendered items is reduced or brought down by any law or Act of the Central or State Government or by the tenderer himself, the bidder shall be morally and statutorily bound to inform the Director, Health & Family Welfare, Punjab, Chandigarh immediately about such reduction in the contracted prices. Director, Health & Family Welfare, Punjab, Chandigarh is empowered to unilaterally effect such reduction as is necessary in rates in case the bidder fails to notify or fails to agree for such reduction of rates.

**(b)** In case of any enhancement in Excise Duty or levying of Excise Duty afresh due to statutory Act of the Government after the date of submission of tenders and during the tender period, the additional or fresh excise duty so levied will be allowed to be charged extra as separate item without any change in price structure approved under the Tender. For claiming the enhancement of additional cost on account of the increase in Excise Duty, the tenderer should produce a certificate from the Excise authority concerned certifying that the items supplied falls under particular tariff and the rate of excise duty charged.

Invoices drawn as per Excise rules for the items supplied shall be produced.

**(c)** In case, successful bidder has been enjoying excise duty exemption on any criteria of Turnover etc. , such bidder will not be allowed to claim excise duty at later point of time, during the currency of contract, when the excise duty is chargeable on goods manufactured.

**34** Each bid must contain not only the unit rate but also the total value. In case of any discrepancy in calculation unit price will be considered.

**35** The rates quoted and accepted will be binding on the tenderer for the stipulated period and on no account any increase in the price will be entertained till the completion of the tender period.

No bidder will be allowed at any time on any ground whatsoever, to claim revision of or modification in the rates quoted by him. The representation of the bidder that clerical error, Typographical error etc. has been committed in the bid and request for revision shall not be considered after opening the bid. Conditions such as “SUBJECT TO AVAILABILITY” “SUPPLIES WILL BE MADE AS AND WHEN SUPPLIES ARE

RECEIVED” etc., will not be considered under any circumstances and the bids of those who have given such conditions shall be treated as incomplete and such bids, shall be summarily rejected.

### **36 INSPECTION**

- a. The supplier after installation of the systems as per specification will intimate the State Programme Officer, NPCB or Director, Health & Family Welfare, Punjab Chandigarh for carrying out the inspection. Any change/ amendment pointed out by Inspection team /inspection agency will be binding.

### **37 QUALITY TESTING**

Goods supplied, if necessary will be chosen at the pre delivery stage or at the point of distribution/storage points for inspection/testing to check their conformity to Technical specifications.

- 38** Material/Goods, which do not meet quality requirements, shall render the relevant supplies liable to be rejected. If the Goods/material does not conform to statutory standards/specifications the bidder will be liable for relevant action under the existing laws and the supplier should take the entire stock back within a period of 15 days of the receipt of the letter from the purchaser. The stock shall be taken back at the expense of the supplier. The supplier for the product could be blacklisted and no further supplies accepted from him. The supplier shall also not be eligible to participate in Health Department, Punjab tenders for supply of such item for a period of five subsequent years for the period as deemed fit by DHFW Punjab.

- 39** The right of purchaser to inspect/test the material if deemed necessary and reject the material if found not confirming to specifications at any point of time after the supply of goods/material shall in no way be affected by the fact that the material has already been inspected/tested by the purchaser.

- 40** The decision of the DHFW Punjab or any Officer authorized by him, as to the quality of the supplied items shall be final and binding.

- 41** Product of the party should be US FDA or European CE approved in case of Imported equipment and documents should be attached with tender.

### **42 ACCEPTANCE OF TENDER**

(a) The Director, Health & Family Welfare, Punjab, Chandigarh reserves the right to reject the tenders or to accept the tenders without assigning any reason.

(b) The Director, Health & Family Welfare, Punjab, Chandigarh will be at liberty to terminate without assigning any reasons thereof, the contract either wholly or in a part on 30 days notice. The bidder will not be entitled for any compensation whatsoever in respect of such termination.

(c) The acceptance of the tenders shall be communicated to the bidder in writing.

(d) The Director, Health & Family Welfare, Punjab has no binding to accept the lowest tender and reserve the right to reject any or all tenders without assigning any reason.

#### **43 NOTIFICATION OF AWARD**

- (a) The Purchaser will award the Contract to the successful Bidder whose bid has been determined to be Responsive/Substantially Responsive and has been determined as the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.
- (b) The purchaser will issue notification of Award to the lowest evaluated bidder which will tantamount to formation of Contract and will be governed by all the terms and conditions stipulated in this Bid document.
- (c) The ordered items shall be supplied in adequate packaging to prevent damage or deterioration during transit to the final destination. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperature and open storage.

#### **44 DELIVERY CONDITIONS**

- (i) Total delivery period will be 45 days from the date of issue of supply order and will be 14 days from the date of inspection of materials. This will be extended in exceptional circumstances according to policy guidelines by the competent authority. After the expiry of extended delivery period, the penalty will be deducted imposed for delay period at the rate as mentioned in the policy guidelines.
- (ii) If the supplier fails to execute the contract within the stipulated time, the Director, Health & Family Welfare, Punjab, Chandigarh is empowered to make emergency purchases and claim the difference in total cost from the supplier in addition to other penal remedies.

#### **45 TRAINING AND DEMONSTRATION**

- (a) The successful bidder shall arrange to provide preventive maintenance training to the Bio Medical Engineer/ Technician nominated by Director, Health & Family Welfare, Punjab, Chandigarh or State Programme Officer, NPCB, Punjab **free of cost.**
- (b) The bidder will supply the Circuit diagrams & other flow diagrams along with Equipment.
- (c) Proper demonstration should be provided by the successful bidders while installing the Equipments to the concerned user.

#### **46 PAYMENT PROVISIONS :**

- (a) **On Delivery and installation:** - 90% payment will be made on the completion of installation, by the Director, Health & Family Welfare, Punjab, Chandigarh upon submission of the following documents by the supplier.
  - i. The invoice in triplicate duly verified by the consignee.
  - ii. Manufacturers/Suppliers Warranty Certificates.
  - iii. Inspection Certificate issued by the nominated Inspection agency.

- iv. Acknowledgement of receipt of goods from consignee in the prescribed proforma (Material Receipt Report) showing exact date of receipt of goods etc. in the prescribed Performa.
- (b) **On Final Acceptance:** - Balance 10% Payment will be made on issuance of satisfactory Acceptance Reports.

#### **47 LIQUIDATED DAMAGES**

Subject to force majeure conditions, if the Supplier fails to execute the contract and perform the services within the scheduled delivery period, Liquidated damages at 0.5 percent of the purchase order price per week will be levied for the delayed period, subject to maximum of 10% of the Purchaser order price. Once the maximum levy is reached the purchaser may consider termination of the Contract.

- 48** Non performance of contract provisions or furnishing false information or influencing the Director, Health & Family Welfare, Punjab, Chandigarh may disqualify the successful tenderer to participate in the tender for the next five years.

#### **49 Penalties**

- (a) In case during the course of opening of the technical bids or even after the finalization of the tender, it is found that any document has been forged or not submitted as required in the conditions for submitting the technical bid as well as the check list, the EMD furnished is liable to be forfeited without any notice and in case of the successful tenderer, the tender would be liable to be terminated at the risk and cost of the successful tenderer.
- (b) Furnishing of any wrong information, declaration, forged documents or false affidavit by the bidder to win the tender may lead to forfeiture of EMD submitted by such bidder and the bidder may also be Blacklisted for participating in any tender floated by the DHFW either permanently or for a specified period of time as deemed fit by the Director, Health & Family Welfare, Punjab, Chandigarh.
- (c) If the successful bidder fails to execute the Award and /or deposit the required performance security deposit within the time specified or withdraws his tender after the intimation of the acceptance of his tender has been sent to him owing to any other reasons, he is unable to undertake the contract, his contract will be cancelled and the Earnest Money Deposited by him along with his tender shall stand forfeited to the Director, Health & Family Welfare, Punjab, Chandigarh and he will also be liable for all damages sustained by DHFW, Punjab/SPO,SHS,NPCB, Punjab by reasons of breach such as failure to supply /delayed supply/ supplies not conforming to the tender specifications, including the liabilities to pay any differences between the prices accepted by him and those ultimately paid for the procurement of the articles concerned. Such damages shall be assessed by the Director, Health & Family Welfare, Punjab, Chandigarh, whose decision is final in the matter. **The Earnest Money Deposit/ Performance Security of the bidder may also be forfeited in case the bidder submitted any wrong information/Affidavit in the bid.**
- (d) If the supplier fails to deliver the goods/perform the services within the stipulated delivery period or within any extension period granted by the Purchaser, the purchaser will be at liberty to terminate the Contract without prejudice to any other Rights that the purchaser may have against the supplier as per provisions of the Contract.

(e) Non performance of contract provisions may disqualify the successful bidder to participate in the tender for the next five years

**50** Bidder should read all the terms and conditions of the bid document properly before submitting the tender.

**51** At any time prior to the date of submission of bid, DHFW may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by an amendment. All prospective bidders who have received the bidding document will be notified of the amendment in writing and that will be binding on them. In order to allow reasonable time, for taking the amendment into account, DHFW may at its discretion, extend the date and time for submission of bids

## **52 FORCE MAJURE**

Force majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and not foreseeable. Such event may include but are not limited to, acts of the purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes. If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. The Purchaser 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. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

## **SAVING CLAUSE**

**53** No suit, prosecution or any legal proceedings shall lie against DHFW/SPO SHS, NPCB, Punjab or any person for anything that is done in good faith or intended to be done in pursuance of tender.

**54** In the event of any dispute arising out of the tender such dispute would be subject to the jurisdiction of the Civil Court within the city of Chandigarh.

**55** All disputes will be settled within the jurisdiction of the Head Quarter of the Director, Health and Family Welfare, Punjab, Chandigarh/ State Health Society (NPCB).

**56** All copies of the documents attached with the tender (Even Photostat copies) should be attested by Gazetted Officer/Notary Public/ Oath Commissioner.

**57** The supplier/ manufacturer must indicate mark or name of manufacture of the State offered by them. In case they are offering the stores on behalf of their principal, they may submit authorization certificate to this effect.

**58** Tenders should have submitted notarized undertaking in their offers that rates quoted by them are not higher than those quoted to DGS&D and State Govt.

**59** The firm should have service centers either in Punjab, Chandigarh or in Haryana. The supplier shall arrange to provide free sales services for one year from the date of receipt of goods at destination. Any delay in providing prompt after sale service will make supplier liable to pay the charges of their being carried out at their risk and cost.

- 60** Other conditions of Machinery & Equipment purchase policy and procedure laid down in PIP, Govt. of India will also be applicable.
- 61** During the Guarantee/Warranty period the supplier will be responsible for maintaining the equipment in good working condition. All complaints will be attended by the firm promptly and the delay should not exceed 7 days. In case there is delay more than 7 days in attending the complaints then the no. of days in excess of the permissible days shall be counted in the down time. The firm/supplier will be required to pay a penalty of Rs. 1000/- per day for each day of the down time period for equipment of cost exceeding Rs. 5.00 lacs per unit.

**Sd/-**  
**State Programme Officer (NPCB)**  
**Directorate of Health and Family Welfare, Punjab.**

## SCHEDULE "B"

### 'CONDITIONS OF CONTRACT'

1. This contract will be valid for \_\_\_\_\_ months from the date of signatures \_\_\_\_\_ but in the event of any or of the terminated summarily by the Director Health & Family Welfare, Punjab, Chandigarh from shall be notified forth with by the contractor in writing to the authority sanctioning the contract and such change shall not relieve any former member of the firm from any liability under contract.
2. The contractor will supply nothing but genuine articles e.g. described in Tender Document, from time to time in such quantities as may be entered. In the indents sent at the rates set forth in Tender Document for use in Government Hospitals under the administrative control of Government of the Punjab as may be required by the indenting officers mentioned in Schedule thereto annexed on behalf of the Government. Requisitions from officers not mentioned in schedule thereto annexed should before compliance be sent to the Director Health & Family Welfare, Punjab, Chandigarh for the sanctions of the Officer approved or advised accordingly. No guarantee can be given as to the quantity which will be ordered during this period. But the purchaser undertakes to order from the contractor all stores as detailed in the Schedule-A which he required to the purchase, except that he reserves to fulfill all the right of placing the contract with one or more contractors as he may think fit and in consideration of this undertaking by Government. The contractor binds himself not to revoke this contract during the said period. The quantities of stores given in the tender are approximate only.
3. The articles to the supplied under this contract will be of the quality equal and answerable in every respect to the specifications given in the list accompany in the tender and approved by the Director Health & Family Welfare, Punjab,. The contractor will be responsible for all the complaints as regards the quality. In case of dispute regarding quality of articles, the decision of Director Health & Family Welfare, Punjab, Chandigarh will be final and binding on the contractor. It will be open to Director Health & Family Welfare, Punjab, Chandigarh to send samples submitted by the tenderer/contractor to any laboratory and chemical analyses and expenses will be borne by the contractor/tenderer. No new partner shall be accepted in to the firm by the contractor in respect of this contract unless he/they agree to by all abide by agreement

to this affect. The contractor's receipt of acknowledgement or that of any partners subsequently accepted as above shall bind all of purpose of the contract.

4. The Director Health & Family Welfare, Punjab, Chandigarh may be notified in writing to call upon the contractor to supply additional articles to new samples, and upon such notice in writing the samples send of all samples being in all respect of the same quality as for supplied.
5. The contractor will be responsible for being loss in transit and shall replace goods broken for last within 10 days from the date of notice thereof.
6. Unless when specifically ordered otherwise in the order accompany the indent all goods must be dispatched within 14 days of the receipt of the indent by the contractor.
7. Conditions as to time for performance whether laid down, therein or any indent shall be always regarded as the essence of the contract.
8. The Director Health & Family Welfare, Punjab, Chandigarh or any representative of any of the experts attached to the Health Department Punjab or the Indenting Officer or any other person duly authorized in writing by the Director Health & Family Welfare, Punjab, Chandigarh shall have the power to inspect the stores before, during or after manufacturer, the collection, the dispatch, transit or arrival and to reject the same or any part of portion after the writing approval of the Director Health & Family Welfare, Punjab, Chandigarh Punjab, if he or they be not satisfied that the same is equals or according to the samples submitted by the contractor. Contractor shall not charge or be paid for supplies rejected as above and such supply shall be removed by the contractor at once and at the expense, the rejected supplies may suffer from any harm that so ever incidental to a full and proper examination and rest of such supplies. Government shall not be under the liability whatever for rejected supplies and the same will be at the contractor's risk. Rejected supplies shall be removed by the contractor within 10 days after notice has been issued to him of such rejected and failing such removal rejected goods will be at the contractor's risk and government may charge the contractor rent for the space occupied by such rejected goods.
9. The contractor shall provide without any extra charge all material tools, labour and assistance of every kind which aforesaid officer may consider necessary for any test for examination which he may require to be made in the contractor's premises and he shall pay all cost attended thereon. In case of stores inspected at manufacturer's premises, the manufacturer shall provide all facilities including testing, appliances for making necessary test other than special test of independent nature. Failing this facility at his

own premises for making the test, the contractor shall bear the cost for carrying out the test elsewhere. The contractor shall also provide and deliver free of charge at such place as the aforesaid officer may direct such material as he may require for the test by chemical analysis or independent testing machine. If for the purpose of determining the quality of stores.

10. The aforesaid officer finds it necessary to have the store tested at the test house or laboratory, all expense incidentals to the test shall be borne by the contractor. On the failure of the contractor to pay the expenses within 10 days of the receipt of the intimation in this behalf from the indenting officer, the Director Health & Family Welfare, Punjab, Chandigarh have the right to deduct the amount from security deposited by the contractor and if the amount so deducted is not deposited by the contractor within 10 days the Director Health & Family Welfare, Punjab, Chandigarh may treat the deposits a breach of the agreement and proceed under clause 1 of the agreement without further notice. Further the aforesaid officer shall have the right to put all articles or materials to such test as he may think proper for the purpose ascertaining whether the same are in accordance with the specifications or sealed sample mentioned in the tender as to cut off to destroy any portion not exceeding to 2% from each delivery for such purposes. The quantity so cut out or of and whether destroyed of aforesaid shall be replaced by the contractor free of charge.
11. Packing cases of containers, gunny bags, etc. which may be used for purpose of packing and which are delivered with stores will not be returned and paid for unless specially stipulated and at then at contractor's expenses.
12. Unless otherwise specified in the requisition bill for the whole of the goods referred to in such indent in triplicate will be prepared and submitted by the contractor to the consignee for direct payment under intimation to the Director Health & Family Welfare, Punjab, Chandigarh Punjab, the full amount will be paid on receipt of stores in good condition after their verification as regards specifications etc.
13. Should the payment of any bill be not made within three months from the date of its submission, the party to whom the bill was forwarded should be addressed first failing satisfaction. The matter should be reported the Director Health & Family Welfare, Punjab, Chandigarh, all such complaints should given:-
  - I. The number and date of the requisition;
  - II. The designation of the requisition officer;
  - III. The designation and address of the consignee;

- IV. The designation and address of the officer to whom the bill was sent by the contractor.
- V. The No. & Date of the bill on which the bill was sent to the officer mentioned in (IV).
- VI. Full reference to reminders, if issued.

14. With every dispatch of goods or material under this contract, invoices in triplicate will be prepared by the contractor. Invoices, in duplicates are to be sent by the contractor to the Indenting Officer, the duplicate to be returned received duly noted thereon and the third copy to be sent by the contractor to the Director Health & Family Welfare, Punjab, Chandigarh for the record in his office
15. Railway receipt will be forwarded to the consignee immediately after dispatch of stores, should any demurrage charges be incurred owing to delay on the part of the contractor in forwarding the railway receipt, the amount of such charges will be deducted from the bill.
16. The contractor shall dispatch material "Freight Paid" in all the cases where their offer is F.O.R. destination. In the event of their failure to do so a penalty of 5% will be charged on the amount paid as freight by the indenting officer on their behalf.
17. The contractor will send to the Director Health & Family Welfare, Punjab, Chandigarh quarterly statement of the goods supplied under this agreement in the following performa:-

Name of Indent	Name of articles	Qty. or no Supplied & to Whom supplied & Where	Value supplied	Remarks
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18. All dispatches will be made at contractor's risk, at the expense of the contractor.
19. This is subject to the condition that the materials are securely packed by the suppliers in the containers and the consignment is accepted by the carriers without any adverse remarks as to packing or the condition of the containers. In case of any adverse remarks the responsibility, with the losses in transit, will rest with the supplier.
20. If during the currency of the contract, the specification of any article or articles to be supplied there under to be change the contractor shall continue to comply with demands for the supply of the said articles in accordance with the new specifications at the rate to be mutually agreed to intermitting at the time of such change and in default of such agreement, the contract in so far as it relates to the said article in respect of which no agreement has been arrived at shall terminate, but no such change shall affect the

supply of any other articles under the contractor or entitle, the contractor to any compensation.

21. In the event of withdrawal or discontinuance of any article or articles and consequent ceasing of or reduction in demand, the contractor shall not be entitled to any compensation Government will however, make all reasonable endeavors to give warning of any impending complete withdrawal or of any reduction seriously effecting quantities likely to be required under contract, should the contractor failed to deliver or dispatch, stipulate in supply the delayed consignment will be subjected to 0.5% penalty per consignment per week recoverable on the value of the store supplies. In case of non-payment by the contractor, recovery will be made from his bills or amount of earnest money or security deposited with the Director Health & Family Welfare, Punjab, Chandigarh provided also that :-

- a) No recovery of penalty will be made if the delayed supplies are accepted by extending the delivery period either by the indenting officer or the Director Health & Family Welfare, Punjab, Chandigarh.
- b) The indenting officer will also extension upto 48 weeks on the request of the supplier by recording in writing that the exceptional circumstances were beyond the control of the supplier and there was no loss in Government but where the delay on the part of the supplier is more than two weeks the matter for extension in delivery period will be referred by the indenting officer to the Director Health & Family Welfare, Punjab, Chandigarh with a certificate that there are genuine reasons for delay on the part of the supplier and no loss will result to the Government in case extension in delivery period is allowed. The case will be decided on merits.
- c) On the failure of supplier to make supply within the extended period on receipt of such information the office of the Director Health & Family Welfare, Punjab, Chandigarh risk purchase at the cost thus incurred will be recovered from the supplier in a suitable manner and even from his pending bills, earnest money or security whichever is available. The procedure will be adopted after sending registered notice to the supplier to supply within 14 days.

22. The contractor acknowledges that he has made himself fully acquainted with all the conditions and circumstances under which the supplies required under the contract will have to made or furnished one with all the terms, clauses, conditions, specifications and other details of the contract and the contractor shall not plead ignorance of any of those

as excuse in case of complaint against or on rejection of supplies tendered by him or with a view either to asking for enhancement of any rates agreed to in the contract or to evading any of his obligations under the contract.

23. No payment will be made in advance for any supplies under this contract.

24. (i) The contractor shall not

- a) Assign or subject the contract without written approval of the officer sanctioning the contract.
- b) Disclose details of the conditions governing this contract to unauthorized persons indenting against this contract is permissible only for the bonafide use of Government deptt. & quasi public and not private parties or for the private use of the Government Hospitals.
- c) In the event of the contractor failing duly and properly to fulfill or committing breach of any of the terms and conditions of this contract or repeatedly supplying goods liable to rejection here under or failing declining neglecting or delaying to comply with any demand of requirement or otherwise not executing the same in accordance with the terms of this contract or by the contractor or his agents or servants being guilty of fraud in respect of the contract or any other contract entered into by the contractor or any of the offering any bribes, gratuity, gift, loan pre-requisite, reward, or advantage precautionary or otherwise to any person, officer or in the employment of government in any way relating to such officers or person or persons, office or employment or if the contractor or any of his partners become insolvent or apply for relief as insolvency debtor or commence any insolvency proceedings or make any composition with his their creditors remedies otherwise, Government shall be entitled to terminate this contract forthwith forfeit the security and to blacklist this contract and purchase or procure or arrange from Govt.'s stocks or otherwise at the contractor received at the absolute discretion of the Director Health & Family Welfare, Punjab, Chandigarh as regards the manner, place to the time of such purchases such supplies have not been supplied or have been rejected under this agreement or are required subsequently by Govt. there under in case where is necessary replacement are made together with all incidental charges.
- d) Expenses shall be recoverable from the contractor on demand and may thus accrue to Government. The termination of this contract in whose part under these conditions shall not be affected by the accepting meanwhile or subsequent or

supplies accepted or made at any station whether in ignorance of termination or otherwise.

25. If any question, difference or objection whatsoever shall arise, in any way connected with or arising out of this instrument or the meaning or operation of any part thereof or the rights duties or liabilities of either party then save in so far as the decision of any such matter is hereinbefore provided for and has been so decided, every such matter including whether it terminated or has rightly been terminated in whole or part and as regard the rights and obligations of the parties as the result of such termination shall be referred for arbitration to any officer appointed by Punjab Govt. and his decision shall be final and binding and where the matter involves a claim the amount, if any, awarded in such arbitration shall be recoverable in respect of the matter so referred.

26. If the price of a contracted articles are controlled by Govt. the payment will in no case be made at higher rate than the controlled rates.

In witness thereof the parties have herein to set their bonds on the dates indicated below:-

1. (In case of the firm)

Signed by the above named firm of \_\_\_\_\_ through \_\_\_\_\_ partner of the firm.

2. (In case of the company)

The seal of the \_\_\_\_\_ company ltd. Was affixed by virtue of the resolution of the board No. \_\_\_\_\_ dated \_\_\_\_\_ the \_\_\_\_\_ day of \_\_\_\_\_.

Dated

Seal

Director's Signature  
Secretary  
Signatures

Dated

(In either case  
In the presence of

1) Signature address  
Description  
Address  
Description  
Signed by  
Signature of

**ANNUAL TURN OVER STATEMENT**

The Annual Turnover of M/s \_\_\_\_\_ for the past three years are given below and certified that the statement is true and correct.

<b>Sr. No.</b>	<b>Year</b>	<b>Turnover ( Rs. in Lakh)</b>
<b>1.</b>	<b>2008-2009</b>	
<b>2.</b>	<b>2009-2010</b>	
<b>3.</b>	<b>2010-2011</b>	
<b>Total =</b>		

**Average Turnover Per Annual - Rs. \_\_\_\_\_ Lakh.**

**Date:**

**Seal:**

**Signature of Auditor/Chartered Accountant  
(Name in Capital)**

**MANUFACTURER'S AUTHORIZATION FORM**

**No.** \_\_\_\_\_ **Dated** \_\_\_\_\_

**To**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Dear Sir,**

**Bid Ref. No.** \_\_\_\_\_

We \_\_\_\_\_ who are established and reputable manufacturers of \_\_\_\_\_ having factories at \_\_\_\_\_ Registered office at \_\_\_\_\_ possessing Manufacturing Licence No. \_\_\_\_\_, dated \_\_\_\_\_, valid upto \_\_\_\_\_ (copy enclosed) do hereby authorize M/s \_\_\_\_\_ (Name and Address of Representative) to submit a bid, and subsequently negotiate and sign the contract with you against the above mentioned tender.

No company or Firm or individual other than M/s \_\_\_\_\_ are authorized to bid, negotiate and conclude the contract in regard to this business against this specific tender.

We hereby extend our full guarantee and warranty as per the tender conditions for the goods offered for supply against this invitation for bid by the above firm.

Your faithfully,

(Name )  
for and on behalf of M/s \_\_\_\_\_  
(Name of Manufacturers)

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

**PROFORMA FOR PERFORMANCE STATEMENT**  
**(FOR A PERIOD OF LAST 3 YEARS)**

Name of bidder \_\_\_\_\_

Order Placed by (Full Address of Purchaser / consignee )	Order Number and Date	Description and quantity of ordered goods and services	Value of Order (Rs.)	Date of completion of Contract		Remarks indicating reasons for delay if any	Have the goods been functioning Satisfactorily attach documentary proof) **
				As per contract	Actual		
1	2	3	4	5	6	7	8

Signature and Seal of the Tenderer : \_\_\_\_\_

\*\* The documentary proof will be certificate from the consignee/end user with cross reference of order No. and date in the certificate along with a notarized certificate authenticating the correctness of the information furnished. If at any time, information furnished is proved to be false or incorrect, the earnest money furnished will be forfeited and the bidder may be blacklisted/debarred either indefinitely or for period as deemed fit by DHFW, Punjab.

**DECLARATION FORM**

I/We \_\_\_\_\_ have our \_\_\_\_\_  
office at \_\_\_\_\_ do declare that I/ We have carefully  
read all the conditions of bid documents and hereby agree to all the conditions and to supply  
the goods as per scheduled delivery period of the purchase orders and abide by all the  
conditions set form therein, for the supply to Govt. Institutions.

Signature :

Date :

Name of the Organization and Address :

**Attested By Notary Public:**

**SCHEDULE OF REQUIREMENTS**

S. No	Name of the Material to be procured	Quantity to be procured			Earnest money deposit
		<i>under C.S.-47 Scheme( NPCB)</i>	<i>Under NPCB (approved PIP 2010-11 and 2011-12)</i>	<i>Total</i>	
1	Ophthalmic Refraction Unit (Indian)	52	3	55	5,50,000
2	Keratometer (Baush & Lomb type)(Indian)	12	13	25	60,000
3	Slit Lamp Microscope with motorized Table(Indian)		16	16	50,000
4	Streak Retinoscope (Imported)		21	21	20,000
5	Slit Lamp Microscope with motorized table (Imported)		12	12	1,20,000
6	Eye Operating Microscopes (Imported)	12	13	25	10,00,000
7	Hand Held IOP measurement device (tonometer) (Imported)		2	2	20,000
8	Specular Microscopes (Imported)		2	2	1,30,000
9	A-Scan Biometer ( Imported)	12	13	25	1,90,000
10	Direct Ophthalmoscope (Imported)		20	20	20,000
11	A/B-Scan (Imported)		1	1	30,000
12	Vitreotomy Machine (Imported)		1	1	80,000
13	Motorized OT Tables with Motorized Surgeons chair (Indian)		56	56	2,80,000
14	Cataract Instrument Sets (Indian)		100	100	25,000
15	Intra-ocular Lense(Indian) i. 5.25 mm ii. 5.50 mm		11000	11000	80,000
16	Viscoelastic 5 ml Vial(Indian)		9000	9000	2500
17	Sutures (Indian) i. 8-0 silk		2000	2000	30,000
	ii. 10-0 monofilament		6000	6000	1,80,000

18.	Sets of Micro-Surgical Blades (Indian)		2000	2000	<b>20,000</b>
19.	Yag Laser (Imported)		9	9	<b>5,50,000</b>
20.	Trial Lens Sets (Indian)		105	105	<b>50,000</b>
21.	Flash Autoclave (Indian)		<b>20</b>	20	<b>2,50,000</b>
22.	Slit Lamp with camera		<b>1</b>	1	<b>35,000</b>

**PROFORMA OF UNDERTAKING REGARDING BIDDER NOT  
BLACKLISTED/DEBARRED**

I \_\_\_\_\_ S/o, W/o \_\_\_\_\_,

(Designation of Deponent) of (name and complete address of the bidder firm) is authorized signatory of the firm (Name of the bidder firm) , do hereby solemnly affirm and declare as under:-

That the firm (Name of the firm) or its Directors/Partners/Owners have not been blacklisted or debarred by any Govt. undertaking.

**DEPONENT**

**VERIFICATION**

Verified that the contents of the above affidavit are true to my knowledge and belief and nothing has been concealed therein.

**DEPONENT**

**ANNEXURE- VII**

**PROFORMA OF UNDERTAKING REGARDING QUOTED RATES**

I \_\_\_\_\_ S/O,W/O \_\_\_\_\_  
\_\_\_\_\_, (Designation of Deponent) of (name and complete address of the bidder firm) is authorized signatory of the firm (Name of the bidder firm) , do hereby solemnly affirm and declare as under:-

That the rates quoted to Director, Health and Family Welfare, Punjab against Bid Reference No. \_\_\_\_\_ are not higher than those quoted to any other Govt. Undertaking/DGS&D or approved in any prevailing Rate Contract for the same model.

**DEPONENT**

**VERIFICATION**

Verified that the contents of the above affidavit are true to my knowledge and belief and nothing has been concealed therein.

**DEPONENT**

**Technical Specification of Ophthalmic Refraction Unit**

Required ophthalmic features:-

1. One fully upholstered elegant ophthalmic chair  
 With full motorized recline facilities  
 With full motorized up and down movement for 250-mm or more
2. One stand and console:-7
  - With illuminated soft light for examination
  - With controls for ophthalmic chair, for recline and up & down movements, back and forward movement. One foot pedal for the up and down movement is also required.

3. Required base dimensions and Floor Space	
Base Dimension	Floor Space required
Height	7.6"
Length	after reclining 9.6"
Width	4"
Input voltage & power	220/230V
Output	3V, 6V, 12V

4. Accessories required:-
  - 1) Trial lens set with full spherical and cylindrical lens, prism and accessories:1
  - 2) Trial Frame with 4 slots: 1
  - 3) Distance Vision Horizontal Drum: 1
  - 4) AutoRefractometer with following features :
    - Min Pupil distance : 2 mm
    - Measuring range : Sphere - 20 to + 20 D in .12 D steps and Cylinder : - 8 to + 8 in 0.12 D steps
    - Pupil distance : 45 – 85 mm
    - Vertex distance : 0 , 12 , 13.75 mm
    - Supplied with 10 paper rolls
  - 5) Warranty:2 yrs on unit and auto refractometer
  - 6) CMC: 5 yrs after 2 yrs of warranty on unit and auto refractometer

NOTE: The above mentioned specifications are general and not specifically suited to a particular company/brand.

## **SPECIFICATIONS FOR KERATOMETER BAUSH AND LOMB TYPE**

It should be

- Coincidence focusing system, Positive measurements to 0.2 mm accuracy
- 15 X wide-angle piece
- One position instrument. Measures both meridians without changing optical system
- Simple vertical adjustment to fit patient
- Two-way adjustable head and chin rests
- Dual eye-level sighting system. Facilitates horizontal alignment
- Positive fixation. Permits rapid measurement of central corneal area
- Precision objectives, Assures durability, Achromatic Lenses
- Measurement range : Radius of curvature, 9.4-6.4 mm (in 0.05 mm steps), Dioptre 36-52 (in 0.25 steps)
- Motorised table for keeping Keratometer
- Warranty : 2 yrs
- CMC : 3 years
- Extra Bulb : 5

Note : The specifications of all the above items are General and are not tailor made to suit any particular brand.

### Technical Specification of Slit Lamp (INDIAN)

The Slit Lamps based on Haag Streit design to provide a high-resolution solution for anterior segment documentation and archiving.

<b>Type</b>	Galilean magnification changer with converging binocular tubes
<b>Magnification selection</b>	5 steps by drum rotation
<b>Eye piece</b>	10X/12.5X
<b>Magnification ratio</b>	6X to 40X
<b>IPD Adjustment</b>	52 to 90mm with power range $\pm 8D$
<b>Slit Width</b>	Continuous from 0 to 8mm or more
<b>Slit Length</b>	Continuous from 0 to 8mm or more
<b>Slit Angle</b>	0 to 180 degree with horizontal scanning capability
<b>Filters</b>	Blue, Red-Free, Amber UV Cut
<b>Illumination Lamp</b>	12V, 30W halogen lamp
<b>Fixation Target</b>	Red LED
<b>Longitudinal Movement</b>	90mm or more
<b>Lateral Movement</b>	100mm or more
<b>Vertical movement</b>	30mm or more
<b>Vertical Movement Chin rest</b>	60 to 80mm
<b>Power Input</b>	220 to 240 V/50 to 60Hz
<b>Table</b>	Original Hydraulic/Motorized with foot control
<b>Accessories</b>	dust cover :1, Spare bulbs:10, Applanation Tonometer:1, Focusing Rod:1
<b>Warranty</b>	2 yrs
<b>CMC</b>	5 yrs after 2 yrs of warranty
<b>Product ISO Certified</b>	

The above mentioned specification are in general and do not specifically suited to any particular company or brand.

### **Technical Specification of Streak Retinoscope**

1. Hand Held Streak Retinoscope with XL 3.5 V Halogen lamp.
2. Rechargeable handle which can be directly plugged in AC supply for recharging
3. Simple operation with knurled thumb screw. The line and spot image can be focused with the operating element and turned 360°.
4. Holder for hanging and fixing the fixation card into position for dynamic retinoscopy.
5. Bayonet fitting for fast and secure attachment to the handle.
6. Accessories: Original Manufacturer Hard Plastic case(1),Original Rechargeable battery (1) and fixation cards for dynamic retinoscopy (2), Original Spare bulbs (10)
7. Warranty : 3 yrs

The equipment should be CE Marked.

The above mentioned specification are in general and do not specifically suited to any particular company or brand.

## Technical Specification of Slit Lamp (IMPORTED)

The Slit Lamps based on Haag Streit design to provide a high-resolution solution for anterior segment documentation and archiving.

<b>Type</b>	Galilean magnification changer with converging binocular tubes
<b>Magnification selection</b>	5 steps by drum rotation
<b>Eye piece</b>	10X/12.5X
<b>Magnification ratio</b>	6X to 40X
<b>IPD Adjustment</b>	52 to 90mm with power range + 8D
<b>Slit Width</b>	Continuous from 0 to 8mm or more
<b>Slit Length</b>	Continuous from 0 to 8mm or more
<b>Slit Angle</b>	0 to 180 degree with horizontal scanning capability
<b>Filters</b>	Blue, Red-Free, Amber UV Cut
<b>Illumination Lamp</b>	12V, 30W halogen lamp
<b>Fixation Target</b>	Red LED
<b>Longitudinal Movement</b>	90mm or more
<b>Lateral Movement</b>	100mm or more
<b>Vertical movement</b>	30mm or more
<b>Vertical Movement Chin rest</b>	60 to 80mm
<b>Power Input</b>	220 to 240 V/50 to 60Hz
<b>Table</b>	Original Hydraulic/Motorized with foot control
<b>Accessories</b>	dust cover :1, Spare bulbs:10, Applanation Tonometer:1, Focusing Rod:1
<b>Warranty</b>	2 yrs
<b>CMC</b>	5 yrs after 2 yrs of warranty
<b>Product CE Certified</b>	

The above mentioned specification are in general and do not specifically suited to any particular company or brand.

### **Specifications For Eye Operating Microscope (IMPORTED)**

1. Achromatic optics
2. Step zoom range 4X-21X
3. Motorized Foot Pedal for Focusing and X-Y
4. Adjustable Pupillary Distance of Eye Pieces from 55-75 mm
5. Coaxial illumination for Good red reflex through fibre optic cable
6. Variable illuminates facility
7. Floor stands with rollable castors with lock facility
8. With Retinal protection device and built in filters
9. Objectives, High quality, achromatic objective with anti reflective coating, 175-200 mm focal length, (minimum)
10. Eye Pieces : High eye points wide field screw type eye pieces 10X with 17 mm field of view, diopteric setting +6D to -6D
11. Six spare halogen bulbs
12. Constant voltage transformer 0.5 KVA
13. Origin :- The equipment must be ISO 9001/CE approved
14. Warranty : Two years on site warranty
15. Electric input should 220-240 V
16. CMC – 3 years
17. Set of sterilizable caps : 3 set
18. Dust cover : 1
19. Extra Fuse : 10
20. The equipment should be ISO / CE certified

Note : The specifications of all the above items are General and are not tailor made to suit any particular brand.

**Technical specification of Hand Held IOP Measurement Device  
(Tonometer)**

**Specifications:**

1. Based on micro strain gauge technology with 1.0mm transducer tip. The device displays the average of 10 independent readings.
2. Dimension: 6 1/4" x 3/4" x1 3/4"
3. Weight: 71 g, hand held
4. Transducer: Micro Strain Gauge
5. Range of measurement: 5-55mmHg
6. Power source Battery pack
7. LCD screens on both side
8. Disposable Caps: 50

NOTE: The above mentioned specifications are general and not specifically suited to a particular company/brand.

### Technical Specification of Specular Microscope

Clinical Specular Microscope with three modes	Auto , Semi-Auto and Manual	
Color LCD Screen	5.6 inches	
Chinrest	Adjustable, Motorized	
Photographic Coverage	0.25 × 0.5mm	
Capturing Magnification	150 X	
Pachimetry Measurement	0.01 mm step	
Working Distance	25mm	
Flash Intensity	High / Low	
Fixation Targets	1 central	4 Peripheral (S, T, I, N / 12, 2, 6, 10 o'clock )
Photo mode	Auto / Semi-auto / Manual	
Image Memory	5 images for each eye (total 10 images)	
Monitor	5.6 " Color LCD	
Base Travel	X ±46mm, Y ±14mm, Z ±20mm	
Head Travel	X ±10mm, Y ±14mm, Z ±10mm	
Power Voltage	220V - 240V	
In Built Printer	Thermal	
Warranty	2 yrs	
CMC	5 yrs after 2 yrs of warranty	

**Accessories:**

1. Motorized Table with foot control
2. Print Rolls : 10
3. Dust Cover : 1

The above mentioned specification are in general and do not specifically suited to any particular company or brand.

### Specification For A-Scan Biometer (IMPORTED)

1. Probe :- Frequency – 10MHz, Soft probe  
Fixation – Internal LED
2. Measurement Mode : Automatic, Manual, for Aphakic, Pseudophakic & Cataract Mode
3. IOL Power Calculation Formulae :- – SRK-T, SRK – II, HOLLADAY, BINKHORST, HAIGIS, HOFFER-Q
4. Facility of axial length measurement with contact and immersion mode.
5. Facility to input IOL constants (minimum 8) and surgeon parameters(8)
6. Accuracy of measurement  $\pm$ .1mm
7. Printer : In built/integrated
8. Warranty – 2 yrs
9. CMC – 5 yrs

Accessories :- Standard accessories ; Foot pedal 1, Power cord 1, Test Chamber 1, Immersion cap 2, In build thermal Printer :-

Note : The specifications of all the above items are General and are not tailor made to suit any particular brand.

### **Specification of Direct Ophthalmoscope**

1. Halogen light source for bright white light.
2. Very good Optical system with spherical optics.
3. Optics should be maintenance free.
4. Should have 6 different kinds of apertures and red free filter.
5. Lens Range:
  - +1D to +36D
  - 1D to -36D
6. Handle with Rechargeable Battery of large size (should not be pocket model).
7. Original carry case.
8. Spare Bulbs: 2
9. Warranty for 2 years.

NOTE: The above mentioned specifications are general and not specifically suited to a particular company/brand.

### **Specification of A/B Scan (IMPORTED)**

Should be compact, touch panel display, color LCD display.  
 Should have minimum 8.4 inch TFT colour LCD display  
 Should be supplied with built-in or external printer for easy loading and auto cutter.  
 Should have facility of RS-232 port for LAN communication and for USB Memory.

#### **Technical specification:-**

##### **A/B Scan**

Probe	10 MHz transducer, 25 frames/sec
Scan angle	Variable scan angle 0-60D
Scan depth	0-60 mm
Sector line density	384 lines X 512 sample/line
Zoom	2.5 to 5.0 X
image record	Approx. 20 sec and 4 image display
Scale	Color, Gray scale 256 levels
Gain / TGC	0-90 dB variable / 0 to -20 dB variable
Gain curves	Log, Liner, S-Curves or equivalent
Dual Caliper facility for measurement of various structures	

##### **Biometry**

Probe	10 Mhz solid probe
Internal fixation	LED (Red),
Measurement facility for	Axial length, Anterior Chamber depth, Lens thickness
Accuracy	±0.05 mm
Axial length measurement range	12-40 mm
Minimum IOL calculation step	0.25 D
IOL calculation formulas	SRK-t, SRK 11, Holladay, Binkhorst, Haigis, Hofer Q

##### **Standard accessories**

A/B scan probe, foot switch, test piece, printer paper rolls (10), power cord, ultrasonic gel (3), dust cover, spare fuse (3).

Should have power supply 220 Volts/ 50 Hz

Should be CE Marked & ISO 14001 Certified.

Warranty: 2 years

CMC: 5 years

Note : The specifications of all the above items are General and are not tailor made to suit any particular brand.

## **Specification of Vitrectomy Machine (IMPORTED)**

### **1. Vitrectomy:**

Should have peristaltic with venturi effect or venturi pump controlled with microprocessor

Linear Microprocessor control for optimum aspiration flow rates over the entire cutting range and optimum combination of efficient vitreous removal and multiple surgeon input data facility Should be pneumatic & magnetic drive for anterior and posterior vitrectomy. Should have cut rate of pneumatic cutter 3000 cuts/min. Should have linear, single cut and fixed control of cutting frequency for vitrectomy. Audio signal or beep for infusion, aspiration, vacuum, ultrasound and diathermy. Air fluid exchange 0-120 mmHg controlled by foot switch or panels. Should be provided with compatible internal or external oil free compressor for medical grade air exchange Peristaltic pump with venturi effect 0-600 mmHg flow rate 1-50ml/min for peristaltic pump Venturi pump 0-600mmHg Machine should have integrated programmable motorized IV pole with original carriage/trolley. Facility for 23G vitrectomy

### **2. Viscous fluid injection for silicone oil:-**

Should have pneumatic drive for viscous fluid injection

Should have viscous fluid extraction 1000- 5000 centistokes

Should have factory preset pressure: High For injection of 5000 cst. fluids

Low For Injection of 1000 cst fluids

Airpump

### **3. Dual Fiber Optic Illuminator:-**

Should have integrated dual light source ;halogen, xenon, LED or metal halide source

Should be High/Low intensity control.

Should be integrated high intensity lens system for improved light output

Should be integrated heat protection filter for cold light and UV/IR filtering

### **4. Diathermy**

Should have high frequency diathermy for endo and exo diathermy

Should be highly selective burn placement on retina and sclera

Should be suitable for bipolar and monopolar diathermy accessories

Should have linear diathermy power control by main footswitch

Should have On/Off diathermy power control by footswitch.

### **5. Phaco Emulsification and Fragmentation**

Should be dual control of linear aspiration and linear phaco power.

Should be supplied with light weight handpiece for both emulsification and fragmentation.

Should have 28-40 KHz phaco emulsification (anterior) and phaco fragmentation (posterior) procedures.

Should have linear phaco mode 1-40 pulse/sec  
Should have continuous auto tuning  
Should be excellent intraocular flow and tissue control by dual linear functions: linear aspiration and followed by linear phaco power.

## **6. Footswitch**

Should have dual linear control of aspiration and phaco/vitectomy  
Should be ergonomic design footswitch for control of all (linear) functions.  
Should be dual linear footswitch functions with simple downwards movement

7. Remote control for changing the parameters. Machine must have facility of wireless remote control

## **8. Accessories**

9. 1. Pneumatic cutters:20G and 23G: 10 each  
2. Endodiathermy: 20G and 23G: one each  
3. Endoilluminator 20G and 23G: 10 each  
4. Air delivery line with filter: 10  
5. Silicone application for visco silicone oil exchange: 10  
6. Fraxmatome tips 20g and 19G: one each  
7. Infusion terminal 4mm :10  
8. 23G trocar set: 10  
9. Phaco hand piece/fraxmatome: two  
10. Phaco tips: 0-30 D: 1.8mm, 2.2mm, 2.8mm : 2 each  
11. Phaco sleeves: 10  
12 Test chamber:10  
13. IA tips coaxial 1.8mm, 2.2mm, and 2.8mm : one each  
14. IA cassetts/tubings: Autoclavable: 3  
15. Phaco wrench: one

Warranty: 2 years

CMC: 5 years

The equipment should be CE Certified.  
Should be supplied with CVT/UPS as per requirement of the machine.

Note : The specifications of all the above items are General and are not tailor made to suit any particular brand.

## **Technical specifications for Motorized O.T. Table with Motorized Surgeons Chair (INDIAN)**

### **MOTORIZED O.T. TABLE:**

- SPRING CONTROL LEVELING FOR TILTING POSITION
- THE ADJUSTABLE CUSHIONED HEAD REST COMFORT FOR OPERATING AND ALSO ADJUSTABLE WRIST SUPPORT
- DIMENSIONS:  
LENGTH – 1880±10mm, WIDTH: 690±10mm, NET WEIGHT: 110-125 Kg.
  - Base size 915x540mm
  - Upholstery size 1595x590±10mm
- ELECTRONIC MOVEMENT:  
UP & DOWN
  - MINIMUM HEIGHT – 600mm or less
  - MAXIMUM HEIGHT – 890 mm
  - Vertical adjustment range – 280-310 mm
  - WEIGHT CAPACITY – 125 or more Kg
- TILTING: trendelenberg and reverse trendelenberg 28 degree and 15 degree)
- Power: 220V 50Hz
- IV stand provision on the table
- Foot and hand held control for changing the positions
- CE approved

Warranty 2 years

CMC 5 years

### **MOTORIZED SURGEON'S CHAIR:**

#### **ERGONOMICALLY ADJUSTABLE**

- Foot regulated height adjustment.
- Multi Position arm support
- Electric height level adjustment range of 150mm
- Back wheels lock simultaneously

- Hand height controls
- 24V DC operated motor
- Positionable foot Support
- Fixed or rotating seat motor driven minimum 550mm to maximum 700mm
- Movement 5 twin castor with lock
- Power supply AC 220V (50/60 Hz)
- Lifting Capacity: 220 Kg.
- Stroke Value : 150mm
- Net Weight: 35 – 40 Kg.
- Warranty : 2 years
- CMC : 5 years

The product must be CE approved

Note : The specifications of all the above items are General and are not tailor made to suit any particular brand.

## **CATARACT INSTRUMENTS SET**

1. Barraquer Wire Speculum
2. Hass Iris Forceps
3. St. Martin Forceps
4. Mcpherson Forceps Angled 11 mm
5. Jaffe Tying Forceps (Straight)
6. Superior Rectus Forceps
7. Vannas Capsulotomy Scissors Curved
8. Castroviejo Corneal Scissors Universal
9. De-Wecker's Iris Scissors
10. Barraquer Needle Holding Forceps (Micro)
11. Hartman Mosquito Forceps Straight
12. Hartman Mosquito Forceps Curved
13. Koman Nair Iris Spatula/repositor
14. Lewis Lens Loop, Small
15. BARD-PARKER HANDLE
16. Lens hook
17. Lens spatula
18. Two way reverse Simcoe cannula

Should be made of high grade stainless steel

Note : The specifications of all the above items are General and are not tailor made to suit any particular brand.

### Technical Specifications for Intra Ocular Lens

Intra Ocular Lens Power	:	8.0D to 30.0D in 0.5 diopter increments
Optic	:	PMMA with UV absorber, Lathe cut and tumble polished
Sterilization	:	EO Sterilized
Optical diameter	:	<b>5.25 mm</b>
Overall Length	:	12.00 mm
Positioning Holes	:	0
Optic design	:	Biconvex
A Constant	:	118.0/118.2/118.4
Angulation	:	10 degree

### Technical Specifications for Intra Ocular Lens

Intra Ocular Lens Power	:	8.0 – 30.0 in 0.5 diopter increments
Optic	:	PMMA with UV absorber, Lathe cut and tumble polished
Sterilization	:	EO Sterilized
Optical diameter	:	<b>5.50 mm</b>
Overall Length	:	12.50 mm/12.00mm
Positioning Holes	:	0
Optic design	:	Biconvex
A Constant	:	118.0/118.2/118.4
Angulation	:	10 degree

Note : The specifications of all the above items are General and are not tailor made to suit any particular brand.

**Technical Specifications of Visco Elastic**

Generic Name	Pack
Hydroxy Propyl Methyl Cellulose 2% w/v	5 ml Vial
Sterile Isotonic Base	

Note : The specifications of all the above items are General and are not tailor made to suit any particular brand.

**Technical Specifications for Microsurgical Blades and sutures****Sutures**

Needle	Suture Material	Suture Length	Suture Sizes (10-0)
Diameter - 0.15mm Length - 6.0mm/5.6mm 3/8 Circle - 140° 1/2 circle - 160°	Nylon Black Monofilament	30cm (12")	

***Silk Sutures***

Needle	Suture Material	Suture Length	Suture size (8-0)
Diameter - 0.20mm Length - 6.0mm 3/8 Circle - 140	Silk Black Braided Silicone coated	30cm (12")	

**Disposable Microsurgical Blades**

<b><i>Keratome Blade</i></b>	
2.6 mm	45° Angled, Bevel up/down
3.2 mm	45° Angled, Bevel up/down
5.2 mm	45° Angled, Bevel up/down
<b><i>Crescent Blade -</i></b>	
2.6 mm	55° Angled, Bevel up/down
<b><i>Implant / Extension Blade -</i></b>	
5.2 mm	45° Angled, Bevel up/down
2.6 mm	55° Angled, Bevel up/down
<b><i>Stab Blade /side port</i></b>	
2.6 mm	55° Angled, Bevel up/down

Should be coated with Medical grade silicon oil.

Should be made from SS420 stainless steel.

## Specification of YAG Laser

Treatment Laser Type	ND-YAG
Wavelength	≥1050nm
Mode	Fundamental Q-Switched
Energy	Adjustable from 0.2 to 10mj
Spot Size	8 Microns
Burst Mode	1,2,3 pulses each burst Separation between pulse in 25u
Pulse width	4 nano-sec (typical)
Repetition Rate	Maximum 0.4s per pulse or 2.5hz
YAG Laser offset shift	≥350μm, both anterior or posterior around aiming focal plane
Focal length	107mm
Cone angle	16 degree
Magnification	5 step
Aiming beam laser	Dual beam 635 nm diode continuously variable intensity to 200 μW
Electrical power	220-240V aC, 50/60Hz
Cooling System	Air Convection
Safety Specification	CE Approved
Table	Original/Motorized
Warranty	2 yrs
CMC	5 yrs after 2 yrs of warranty

The above mentioned specification are in general and do not specifically suited to any particular company or brand.

**Technical Specifications Of The Trial Set: Total 225 Lenses  
(INDIAN)**

Lenses: 0.12 to 20sph +/- one pair each  
0.12 to 06cyl +/- one pair each  
10 Prisms up to 12.  
07 standard accesses. (2 blanks, pinhole, slit, red, green & Maddox  
rod)

Size: 0.12 to 6.00 Dioptors 25mm reduced aperture lenses  
7.00 to 20 Dioptors 20mm reduced aperture lenses

Colour: Plus power lenses fitted in Black powder coated alum rims Minus  
power lenses fitted in Red powder coated alum rims

Sph lenses are with handle

Cyl lenses without handle

Illumination: Long tubelight/ 2 bulbs with on-off switch

Container: Raising Lens rack fitted in polished wooden case with carry handle.

Note : The specifications of all the above items are General and are not tailor made to suit any particular brand.

## Flash Autoclave

**Fully Automatic Autoclave with following features**

**Technical Specification:**

Chamber Size	Ø 300x710mm (D) of stain less steel rust proof
Overall	450 (D)x600(w)x980(H)/mm
Chamber Capacity	50 liter
Power Supply	230V 50/60Hz
Sterilization Control	By Pressure
Fill Water System	Auto-Fill water system
Dry Function	Auto dry function
Water Consumption Per Cycle	1000~1200cc
Temperature Display	Gauge
Pressure Display	Pressure gauge Ø 1 1/2" (Ø 40mm)
Program (Function) Display	LED display
Indication	Door closed, Low water, Over heat display
Power Consumption	2900W/13Amp, Heater/2300W, dry heater /600W
Program For Selection	121°C/135°C Wrapped/ Unwrapped, dry/ undry, Liquid special program selection
Sterilizer Temp. For Selection	121°C/135°C
Special Function For Selection	Liquid sterilization program
Dry Function	30 minutes by installed program
Pressure Safety Valve	Set-up 2.6 kg/cm <sup>2</sup>
Over Temperature Protection	Temp. Protected by program. And independent temp. protection device
Electric Overload Protection	Yes
Over Pressure Protection	Safety Valve
Door Lock Indicator	Micro Switch as to door lock sensor
Chamber Water Level Sensor	Yes
Pressure Door Auto-Lock	Yes
No Fuse Breaker (15amp)	Internal installation x2pc
Warranty	2 yrs
CMC	5 yrs after 2 yrs of warranty

The equipment should be CE Marked.

The above mentioned specifications are in general and do not specifically suited to any particular company or brand.

### ***Technical Specifications of Slit Lamp with Camera( Imported)***

<b>Type</b>	:	<b>Galilean Converging Bionocular</b>
Magnification change	:	Rotating/ Revolving Drum
Diopter adjustment	:	±6D
Total magnification Ratio	:	10×, 16×, 25×
Pupillary adjustment	:	50mm -75mm
Eyepieces	:	12.5×
Field of view	:	40× (Æ5.5mm), 25× (Æ8.5mm), 16× (Æ13.5mm), 10× (Æ22mm), 6× (Æ34.7mm)

### **Slit Illumination**

Slit length	:	Continuously variable from 1mm to 14mm
Slit width	:	Continuously variable from 0 to 14mm
Slit angle	:	0°-180° (continuously adjustable both vertical and horizontal)
Lamp	:	6V/20W Halogen Lamp
Filters	:	UV, Red-free, Cobalt Blue

### **Base**

Lateral movement	:	100mm
Longitudinal movement	:	90mm
Vertical movement	:	30mm
Chin-Rest	:	
Fixation	:	Green LED
Vertical movement	:	76mm
Power	:	230-240V

### **Technical Specifications for Digital Camera**

1. 12.2 megapixel
2. Large LCD Display (3.0 inch)
3. Auto Focus

The rate should be quoted optionally for following items:

1. Applanation tonometer
2. Beam Splitter
3. Adapters for Digital Camera
4. Digital Camera
5. Hruby Lens

Two spare bulbs, Eye piece and CVT should be supplied as standard accessories. Should be US FAD Approved & CE Marked.

Warranty 2 yrs  
CMC 5 yrs

The above mentioned specifications are general and do not specifically suited to any particular company or brand.