

Tender Enquiry No. F.No.24/Re-Tender/35/2014-RISH (ADMN)

Cost – Rs. 1000/- VAT- Rs. 135/- Total Cost- Rs.1135/-

TENDER NOTICE**Equipments for the Department of Transfusion Medicine
AIIMS, Rishikesh, Virbhadra Marg, Rishikesh, Dehradun**

Date: 16 Jun, 2014

On behalf of the Director, All India Institute of Medical Sciences, Rishikesh tenders in sealed cover are invited under **two-bid** system from manufacture and their authorised dealers/ distributors for providing for Equipment for Department of Pathology AIIMS Rishikesh.

The interested manufacture and their authorised dealers/ distributors are required to submit the technical and financial bid separately. The bids in Sealed Cover-I containing “Technical Bid” and Sealed Cover-II containing “Financial Bid” should be placed in a third sealed cover super scribed “**Re-Tender For Equipments for Department Transfusion Medicine**” and should reach at the office of “**The Administrative Officer, AIIMS, Virbhadra, Marg Rishikesh (Dehradun) - 249201**”, before 03.00 PM on or before **08/07/2014**. The bid received after due date and time will not be entertained whatsoever may be the reason. The technical bids shall be opened on the same day at 04.30 PM at AIIMS, Rishikesh. In the event of any of the above mentioned date being declared as a holiday / closed day, the tenders will be opened on the next working day at the appointed time. The financial bid of technically qualified agencies will be open announced later.

The tender document containing technical bid form, financial bid form, technical description/specification & item and terms & conditions can be purchased from AIIMS, Rishikesh from **18/06/2014 to 07/07/2014** between 10.00 AM and 02.00 PM on non-refundable payment of Rs.1135.00 (Rupees one thousand one hundred thirty five only) or can be downloaded from website www.aiimsrishikesh.edu.in. Those who download the tender document from website should enclose DD/Pay Order for Rs.1135.00 (Rupees one thousand one hundred thirty five only) (non-refundable) in favour of “**AIIMS, Rishikesh**”, payable at Rishikesh, not later the date of **07/07/2014** alongwith their technical bid in the Cover-I “Technical Bid”. The bid security (EMD) for **Equipments for Department of Transfusion Medicine** as given in table-1 below tender documents should be paid in the form of FD/BG/TD/CD from any Nationalised/Schedule bank duly pledged in favour of “**AIIMS, Rishikesh**” payable at **Rishikesh** and will be placed in cover-1 with technical bid. The Tender Documents are not transferable.

Any future clarification and/or corrigendum(s) shall be communicated through Administrative Officer on the AIIMS, Rishikesh website: www.aiimsrishikesh.edu.in.

Administrative Officer
AIIMS, Rishikesh

Sign of Bidder

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TENDER DOCUMENT
“Equipments for Department of TRANSFUSION MEDICINE ”
AIIMS, Rishikesh

TECHNICAL BID
(In separate sealed Cover-I super scribed as “Technical Bid”)

1. Name & Address of the manufacture and their authorised dealers/ distributors/Agency with phone number, email, name and telephone/mobile	
2. Specify your firm/company is a manufactures/ authorised dealer/ distributor/ Agency	
3. Name, Address & designation of the authorized person (Sole proprietor/partner /Director)	
4. Have you previously supplied these items to any government/ reputed private organization? If yes, attach the relevant poof. Please provide a notarised affidavit on Indian Non Judicial stamp paper of Rs. 10/- that you have not quoted the price higher than previously supplied to any government Institute/Organisation/reputed Private Organisation or DGS&D rate in last one year. If you don't fulfil this criteria, your tender will be out rightly rejected.	
5. Please attach copy of last of Income Tax Return	
6. Please attach balance sheet (<i>duly certified by Chartered Accountant</i>) for last three (3) years (Annual minimum turnover should not be less than 25 lakhs)	
7. PAN No. (Please attach copy)	
8. VAT/Service Tax Registration Number. (Please attach copy)	
9. Acceptance of terms & conditions attached (Yes/No). Please sign each page of terms and conditions as token of acceptance and submit as part of tender document with technical bid. Otherwise your tender will be rejected.	
10. Power of Attorney/authorization for signing the bid documents	
11. Please submit a notarised affidavit on Indian Non judicial stamp paper of Rs. 10/- that no case is pending with the police against the Proprietor/firm/partner or the Company (Agency). Indicate any convictions in the past against the Company/firm/partner. Please also declare that proprietor/firm has never been black listed by any organization.	
12. Please submit a notarised affidavit on Indian Non Judicial Stamp Paper of Rs.10/- that they will provide complete warranty for all equipments for 2 (two) years & CMC for 5 (five) years of these equipments.	
13. Please furnished a notarised affidavit on Indian Non judicial stamp paper of Rs.10/- that they will supply spare parts for next 10 years at reasonable price.	
14. Details of the FD/BG/TD/CD of bid security (EMD) FD/BG/TD/CD No: Date: Payable at-	Detail of cost of Tender for Rs. 1135/- (if downloaded from website) DD No. Date: Payable at-

Declaration by the Tenderer:

Sign of Bidder

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This is to certify that I/We before signing this tender have read and fully understood all the terms and conditions contained herein and undertake myself/ourselves to abide by them.

- Encls:** 1. DD/Pay Order (if tender form is downloaded from the website of this Institute)
2. FD/BG/TD/CD
 3. Terms & Conditions (each page must be signed and sealed)
 4. Financial Bid

(Signature of Tenderer with seal)

Name:

Address :

Place:.....

Date:.....

Tender Sl.No:

Sign of issuing Authority

Sign of Bidder

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**“Equipment for the Department of Transfusion Medicine ”
AIIMS, Rishikesh**

FINANCIAL BID

(In sealed Cover-II super scribed “Financial Bid”)

To,

Administrative Officer
AIIMS Rishikesh, Virbhadra Marg
Rishikesh (Dehradun)

Dear Sir,

Our quoted rate for supplying the Equipment of Department of Transfusion Medicine for AIIMS, Rishikesh will be as follows.

S/No	Name of Equipment	Unit Price (In Rs.) With 2 years warranty (if applicable)		Unit Price (In Rs.) CMC for 5 years (In Rs.) (if applicable)	
		(In figure)	(In words)	(In figure)	(In words)
35(1)	Automatic Component Preparation machine				
35(2)	Coagulation Analyzer				
35(3)	Refrigerated Centrifuge				
35(4)	Tube Sealer-hand held				
35(5)	Transportation box				
35(6)	Recovery bed				
35(7)	Instrument Trolley				
35(8)	Single Channel Micropipette 5-50 μ I				

The unit cost should be mentioned as per table 1. The above quote should include all applicable taxes and F.O.R. AIIMS, Rishikesh. L1 will be decided on the basis of unit cost in addition to CMC value of 5 years where applicable including all applicable taxes at time of financial bid evaluation of individual equipment.

Declaration by the Bidder:

1. This is to certify that I/We before signing this tender have read and fully understood all the terms and conditions contained in Tender document regarding terms & condition of the contract, rules regarding purchase of equipments for Department of TRANSFUSION MEDICINE . I/we agree to abide them.

Sign of Bidder

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2. No other charges would be payable by Client and there would be no increase in rates during the Contract period.

(Signature of Bidder with seal)

Place:.....

Date:.....

Name:

Seal:

Address

Tender Sl.No:

Sign of issuing Authority

Sign of Bidder

Tender Enquiry No. F.No.24/Re-Tender/35/2014-RISH (ADMN)**“Equipments for Department of Transfusion Medicine ”
AIIMS, Rishikesh****Terms & Conditions****(A) Information and Conditions relating to Submission of Bids**

1. The tender document containing eligibility criteria, scope of work, terms & conditions and draft agreement can be purchased from AIIMS, Rishikesh on any working day from **18-06-2014 to 07-07-2014** between 10.00 AM to 02.00 PM on payment of non refundable charges of Rs 1135/- (Rupees one thousand one hundred thirty five only) or can be downloaded from website www.aiimsrishikesh.edu.in. Those who download the tender document from Website should enclose a Demand Draft/Pay Order for Rs 1135/-(Rupees one thousand one hundred thirty five only) in favour of **“AIIMS, Rishikesh”**, payable at Rishikesh, not later the date of **07-07-2014**, along with their bid in the Cover-I containing “Technical Bid”.
2. The interested firms/suppliers are required to submit the Technical and Financial Bids separately in the format enclosed. The bids in sealed Cover-I containing **“Technical Bid”** and sealed Cover-II containing **“Financial Bid”** should be placed in a third sealed cover super scribed **“Tender for Purchase of equipment for Department of Transfusion Medicine ”** should reach AIIMS, Rishikesh by or before 03.00 PM on **08-07-2014**. The Technical bids shall be opened on same day **at 04.30 PM** at AIIMS, Rishikesh in presence of the bidders or their authorized representatives who choose to remain present. The Tender received after due date & time will be rejected and no claim shall be entertained whatsoever may be the reason.
3. The pre bid conference would be held on **26-06-2014 at 04.30 PM** in the office of Tender Opening Room, AIIMS, Rishikesh. All firms representative who are attending the pre bid meeting, shall produce an authorisation letter from their firm on the firm’s letter head. They are required to put their query in writing before the committee.
4. All the duly filled/completed pages of the tender should be given serial /page number on each page and signed by the owner of the firm or his Authorized signatory. In case the tenders are signed by the Authorized signatory, a copy of the power of attorney/authorization may be enclosed along with tender. A copy of the terms & conditions shall be signed on each page and submitted with the technical bid as token of acceptance of terms & conditions. Tender with unsigned pages/incomplete/partial/part of tender if submitted will be rejected out rightly.
5. All entries in the tender form should be typed or written by pens legible and filled clearly. If the space for furnishing information is insufficient, a separate sheet duly signed by the authorized signatory may be attached. No overwriting or cutting is permitted in the Technical Bid as well as Financial Bid unless authenticated by full signature of bidder. Any omission in filling the columns of Financial Bid form (Schedule of Rates) shall debar a tender from being considered. Rates should be filed up carefully by the tenderer. All Corrections in this schedule must be duly attested by full signature of the tenderers. The corrections made by using fluid and overwriting will not be accepted and tender would be rejected.

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6. The bidder shall pay the respective amount of Bid Security (EMD) as mentioned in table-I along with the Technical Bid by Demand FD/BG/TD/CD in favour of "AIIMS, Rishikesh" drawn on any Nationalized Bank/ Scheduled Bank and payable at Rishikesh and must be valid for (6) six month. Bids received without Earnest Money deposit (EMD) shall stand rejected and thus shall not be considered for evaluation etc at any stage. The original EMD will be put in cover-I containing Technical bid.

- a) The Public Sector Undertaking of the Central/State Govt. are exempted from furnishing Earnest Money along with tender.
- b) The firms Registered with DGS & D/SSI and any approved source of Centre/States Govt. are not exempted from furnishing Earnest Money in so far as this institute is concerned.
- c) Earnest Money deposited with AIIMS, Rishikesh in connection with any other tender enquiry even if for same/similar material / Stores by the tenderer will not be considered against this tender.

7. The bid security (EMD) without interest shall be returned to the unsuccessful bidders after finalization of contract with successful bidder.

8. The successful bidders has to constitute a contract on Indian non judicial stamp paper of Rs.100/- (Rupees one hundred only) and also required to furnish the security deposit @ 10% of contract value in the form of FD/BG/TD/CD from any Nationalised/Schedule bank duly pledged in favour of AIIMS, Rishikesh & payable at Rishikesh only. The EMD deposited by successful bidder may be adjusted towards Security Deposit as demanded above. If the successful bidder fails to furnish the full security deposit or difference amount between Security Deposit and EMD within 15 (fifteen) days after the issue of Letter of Award of Work, his bid security (EMD) shall be forfeited unless time extension has been granted by AIIMS, Rishikesh.

9. The EMD/PBG shall be forfeited if successful bidder fails to supply the goods/equipment in stipulated time or fails to comply with any of the terms & conditions of the contract or fail to sign the contract.

10. The bid shall be valid and open for acceptance of the competent authority for a period of 180 (one hundred eighty) days from the date of opening of the tenders and no request for any variation in quoted rates and / withdrawal of tender on any ground by bidders shall be entertained.

11. To assist in the analysis, evaluation and computation of the bids, the Competent Authority, may ask bidders individually for clarification of their bids. The request for clarification and the response shall be in writing but no change in the price or substance of the bid offered shall be permitted.

12. After evaluation, the work shall be awarded normally to the Agency fulfilling all the conditions and who has quoted the lowest rate as per financial bid after complying with the all the Acts / provisions stated / referred to for adherence in the tender.

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13. The competent authority of AIIMS, Rishikesh reserved all rights to accept or reject any/ all tender(s) without assigning any reason. It can also impose/relax any term and condition of the tender enquiry after due discussion in pre bid conference. This will be communicated to all tenderers in writing. AIIMS, Rishikesh also reserves the right to reject any bid which in his opinion is non-responsive or violating any of the conditions/specifications without any liability to any loss whatsoever it may cause to the bidder in the process.

14. Tender must be submitted on the prescribed Tender Form otherwise tender will be cancelled straightway.

15. The tender form is not transferable.

16. Canvassing in any form is strictly prohibited and the tenderer who are found canvassing are liable to have their tenders rejected out rightly.

(B) PAYMENT TERMS

1. (Seventy five) 75% Payment of the contract price shall be paid on receipt of goods condition and upon the submission of the following documents:-

- (i) One Original and Four Copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount.
- (ii) Final Acceptance as per Inspection report issued by faculty.
- (iii) Two copies of packing list identifying contents of each package.
- (iv) Inspection Certificate issued by the user concerned department,
- (v) If installation at consignee's site should be free of cost immediately on arrival of equipment at consignee's site.

2. **On Acceptance:**

Balance Twenty Five (25)% payment would be made against 'Final Acceptance Certificate' as per Para (B) (1) (v) of goods to be issued by the consignees subject to recoveries, if any, either on account of non rectification of defects/deficiencies not attended by the Supplier or otherwise.

(C) OTHER TERMS & CONDITIONS OF THE TENDER

1. Rates quoted should be inclusive of all applicable taxes, packing, forwarding, postage and transportation charges at FOR AIIMS Rishikesh (Site of installation/Use).

2. All the rates should be mention in Indian national currency (INR) only. The rates quoted in foreign currency will not be entertained in this tender enquiry & such tenders will be cancelled straightway.

3. Rates should be mentioned both in figures and in words. The offer should be typed or written in Ink Pen/ Ball Pen without any correction. Offers in pencil will be cancelled. Telegraphic/ Telex/ Fax offers will not be considered and cancelled straightway.

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4. The supplier shall submit a notarised affidavit on Indian Non Judicial Stamp Paper of Rs.10/- that you have not quoted the price higher than previously supplied to any government Institute/Organisation/reputed Private Organisation or DGS&D rate in recent past. Therefore, if at any stage it has been found that the supplier has quoted lower rates than those quoted in this tender, the Institute (the purchaser) would be given the benefit of lower rates by the Supplier. **If such affidavit is not submitted, tender will be out rightly rejected.,**
5. If the price of the contracted articles is/ are controlled by the Government, in no circumstances the payment will be higher than the controlled rate.
6. Tender will be regarded as constituting an offer open to acceptance in whole or in part at the discretion of the competent authority of the institute for a period of 180 days (6 months) valid from the date of opening of the tender by the committee.
7. The time for the date of delivery/ dispatch stipulated in supply order shall be deemed to be essence of the contract and if the supplier fails to deliver or dispatch any consignment within the period prescribed for such delivery or dispatch in the supply order, liquidated damages may be deducted from the bill @ 0.5% per week subject to maximum of 10% of the value of the delayed goods or services under the contract. The competent authority of the institute may also cancel the supply. In such a case, bid security of the supplier shall stand forfeited.
8. In case the quality of goods supplied are not in conformity with the standard given in tender and as per the samples supplied or the supplies are found defective at any stage these goods shall immediately will be taken back by the supplier and will be replaced with the tender quality goods, without any delay. The competent authority reserves all rights to reject the goods if the same are not found in accordance with the required description / specifications and liquidates damages shall be charged.
9. In case the tenderer on whom the supply order has been placed, fails to made supplies within the delivery schedule and the purchaser has to resort risk purchase, the purchaser (AIIMS, Rishikesh) may recover from the tender the difference between the cost calculated on the basis of risk purchase price and that calculated on the basis of rates quoted by tenderer. In case of repeated failure in supplying the order goods the supply order may be cancelled and bid security deposit will be forfeited.
10. The Specification and quantity of the item needed is mentioned in **Table I** but it is approximate detail and is subject to increase/decrease at the discretion of the competent authority of AIIMS, Rishikesh. The payment would be made for actual supply taken and no claim in this regard should be entertained.
11. Where the specifications are as per tenderer's range of product & tenderer's offer should mention that the item meets all specifications as per the tender enquiry and if there are improvements/deviations the same should be brought out on separate Letter Head of the firm. It would be discretion of the competent authority of the institute to accept or reject such deviations which are not in accordance with our required specifications as per given in **Annexure-I.**
12. It must be mentioned clearly whether tenderer is a manufacturer/sole distributor/sole agent for the items for which he is quoting.

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- a. **Manufacturer** must add a certificate that item(s) is manufactured by them as per range of products.
 - b. **Sole Manufacturers** must add a certificate that they are the sole manufacturer of the Item for which they are quoting in this tender enquiry & item is /are their proprietary Item in India. The rate certificate is also required from the sole manufactures that the Rates quoted are the same as they quote to other State/Centre Govt./reputed Private Organisation and DGS&D rate for the similar item(s) and these are not higher than those quoted by them.
 - c. **Authorized agents** must add authority letter from their Manufacturer/Principals on the letter head of the manufacturer/principals in proforma given in attach duly supported by a notarised affidavit on Indian Non Judicial Stamp Paper of Rs.10/- (Rupees ten only) that they are quoting Rates on behalf of them. The authorization letter must give/mention the purpose for which it is allowed. The validity period of the authorization letter must be mentioned in the authority letter otherwise tender will be liable to rejection.
13. The Tenderers should furnished a copy of **S.T. /C.S.T./VAT registration number**, the **State / U.T. of registration** and the date of such registration. Tenders not complying with this condition will be **rejected**.
14. The tenderers should submit along with the tender, a photo state copy of the last Income Tax return and copy of current valid income tax clearance certificate (IT CC) otherwise tender may be ignored.
15. In case asked, tenderer must personally supply a sample/give the demonstration of the **equipments** to the competent authority of the institute and in that case all the expenses will be borne by the supplier.
16. Full description & specifications, make/brand and name of the manufacturing firm must be clearly mentioned in the tender failing which the tender will not be considered. The tenderer must also mention whether the goods are imported / indigenous. Descriptive literature / catalogues must be attached with the tender in original failing which tender may be ignored.
17. Any failure or omission to carryout of the provisions of this supply by the supplier shall not give rise to any claim by supplier and purchaser one against the other, if such failure or omission arise from an act of God which shall include all acts of natural calamities from civil strikes compliance with any status and or requisitions of the Government lockout and Strikes, riots, embargoes or from any political or other reasons beyond the suppliers control including war (whether declared or not) civil war or state of incarceration provided that notice of the occurrence of any event by either party to the other shall be within two weeks from the date of occurrence of such an event which could be attributed to force majeure.
18. The Courts at Rishikesh/ Dehradun alone and no other Court will have the jurisdiction to try the matter, dispute or reference between the parties arising out of this tender/supply Order/contract.

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19. Tenderer will have to provide complete warranty for all equipments for 2 (two) years & CMC for 5 (five) years of these equipments. Financial bid should be quoted accordingly. In this regard, the tenderer shall submit a notarised affidavit on Indian Non Judicial Stamp Paper of Rs.10/- that they will provide complete warranty for all equipments for 2 (two) years & CMC for 5 (five) years of these equipments.

20. If at any time, any question, dispute or difference whatever shall arise between supplier and the institute (Purchaser) upon or in relation to or in connection with the agreement, either of the parties may give to the other notice in writing of the existence of such a question, dispute or difference and the same shall be referred to two arbitrators one to be nominated by the institute (Purchaser) and the other to be nominated by the supplier. Such a notice of the existence of any question dispute or difference in connection with the agreement shall be served by either party within 60 days of the beginning of such dispute failing which all Right sand claims under this Agreement shall be deemed to have been forfeited and absolutely barred. Before proceeding with the reference the arbitrators shall appoint/nominate an umpire. In the event of the arbitrators not agreeing in their award the Umpire Appointed by them shall enter upon the reference and his award shall be binding on the Parties. The venue of the arbitration shall be at Rishikesh, (Uttarakhand, India). The arbitrators/Umpire shall give reasoned award.

21. Tenderer should ensure and give an affidavit on Indian Non Judicial stamp paper of Rs.10/- with technical bid that spare parts and consumables for these equipments/instruments will be available and rates will be reasonable for next 10 (ten) years.

22. At the time of awarding the contract, the purchaser reserves the right to increase or decrease up to twenty five (25) %, the quantity of goods and services mentioned in the schedule (s) in the "Schedule of Requirements" (rounded of to next whole number) without any change in the unit price and other terms & conditions quoted by the bidder.

23. If the quantity has not been increased at the time of the awarding the contract, the purchaser reserves the right to increase up to twenty five (25) %, the quantity of goods and services mentioned in the contract (rounded of to next whole number) without any change in the unit price and other terms & conditions mentioned in the contract, during the currency of the contract after one year from the Date of Notification of Award.

I / We hereby accept the terms and Conditions given in the tender

(Signature & Stamp of the bidder)

Note- Please sign each page of document including terms & conditions & tender

Sign of Bidder

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Table-I**Equipment for the Department of TRANSFUSION MEDICINE****Details of items & their tentative quantity and EMD**

The following items manufactured by international firms of repute with USFDA and European CE approved product required.

S.No.	Item	Quantity Required	EMD
35(1)	Automatic Component Preparation machine	1	78000/-
35(2)	Coagulation Analyzer	1	66000/-
35(3)	Refrigerated Centrifuge	1	78000/-
35(4)	Tube Sealer-hand held	2	13000/-
35(5)	Transportation box	2	11000/-
35(6)	Recovery bed	1	5000/-
35(7)	Instrument Trolley	6	5800/-
35(8)	Single Channel Micropipette 5-50 μ I	4	5000/-

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ANNEXURE-I**SPECIFICATION Item Srl No. 35(1)****Automatic Component Preparation Machine**

1.	The equipment should work with a vertical parallel pressure plates that is pneumatically driven
2.	The equipment must be compatible with any brand of blood bags meeting international standard (WHO / ISI 3826)
3.	The equipment must separate component from the blood collected in double, triple, quadruple with or without additive solution (SAGM/ ADSOL)
4.	Equipment should have facility to use both kinds of bags: Top and Top & Top and Bottom.
5.	Microprocessor controlled through regulator with mechanism to reduce layer disturbance.
6.	It should have ten programs for preparation of components from blood collected in different types of bags.
7.	The press system should apply uniform pressure on the blood bag ensuring minimum layer disturbance for efficient separation. The press system should safeguard the operator from injury.
8.	The equipment should have an integrated system of at least 5 sealing heads with automatic and manual mode facility.
9.	It should give at least up to one log leucoreduction for red cell and platelets.
10.	It should have optical sensors to automatically control the flow of various blood components (Plasma, Platelets and red cells) in satellite tubing.
11.	It should have minimum 3 scales with auto calibration facility to measure the weight of various components separated (Plasma, Red cell and Platelets).
12.	The equipment should have control panel with LED/LCD display system to indicate various procedural step.
13.	Must show audio/visual alarm when Tube is not fixed at sealer as per type of bags (Double, triple, Quadruple).
14.	The tube sealing should be radio frequency type.
15.	The equipment should have built in audio/visual alarm system to indicate the completion of the procedure.
16.	The equipment should have the provision to store and transfer the blood component details including the identification number of the donor unit to a central computer, through local area network.
17.	Equipment must have facility to interface with the blood bank management software.
18.	List of installation should be attached with performance certificate of the customer.
19.	Compatible UPS, to complete the ongoing procedure, with a back-up supply for at least half an hour, should be supplied with the equipment.
20.	The equipment should be US-FDA or CE or equivalent authority approved.
21.	Atleast 2 year warranty period with 5 years CMC after expiry of warranty period.
22.	The unit shall be capable of operating continuously in ambient temperature of 10 degree -40 degree C and relative humidity of 15-90 percentage
23.	The unit shall be capable of being stored continuously in ambient temperature of 0-40 deg C and relative humidity of 15-90percentage
24.	Shall meet IEC-60601-1-2:2001 (Or Equivalent BSI) General Requirements of Safety for Electromagnetic Compatibility.
25.	Power input: 220-240 V/50 Hz AC Single phase, fitted with appropriate Indian plugs and sockets.
26.	Voltage corrector/stabilizer of appropriate ratings meeting ISI Specifications. (Input : 160-260 V and output 220-240 V and 50 Hz)

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SPECIFICATION Item Srl No. 35(2)**COAGULATION ANALYZER**

1.	Blood Coagulation analyzer should be a fully automated (It should automatically aspirates, dispense, incubate and measure) with random access. It should be a true walk away system.
2.	The system must be open for essential reagents.
3.	Must be based on opto- mechanical principle. Must have option for Chromogenic assays and immunoassays as well.
4.	It should support a wide range of parameters including PT, APTT, Factor Assay, Protein C, Protein S, LAC, Fibrinogen, and Thrombin Time. It should have CV<3% for PT and CV<2% for APTT.
5.	Output: Its LCD screen should be touch sensitivity for easy operation. If Machine uses external printer, then printer must be supplied along with machine.
6.	Storage: It should have capacity of storing 1000 test results in its memory.
	It should have continuous sample loading facility. Should use primary tube directly.
7.	Availability of consumables and running cost: Consumables like Cuvette should be readily available with the manufacturer or the distributor and should be economical.
8.	It should have option to keep part of reagent on board, at cold temperature to avoid reagent deterioration. The probe should have internal heating coil for 37° C temperature.
9.	UPS of suitable KVA with at least 30 min. back up must be provided with the machine.
10.	Should be able to interface with HIS software.
11.	Warranty for 2 years and AMC for next 5 years.

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SPECIFICATION Item Srl No. 35(03)

Refrigerated centrifuge

1.	For separation of components from whole blood.
2.	Microprocessor controlled
3.	Programmable memory: memory with temper proof facility.
4.	Stainless steel chamber: easy to clean, corrosion resistant with provision of both drain and condensed water collection container.
5.	CFC free refrigerant.
6.	Swinging bucket rotor: with metal buckets, 6X2000ml, wind-shielded. Suitable adapters for 12 blood bags of 350 ml and 450ml.
7.	Removable plastic cups to hold single/ double/ triple/ quadruple blood bags with partition in every bucket.
8.	Insert with hook adapter to spin buffy coat or small volume of blood and balancing weights for inserts.
9.	Equipped with automatic lid lock.
10.	Centrifugal force: 5000-6000g.
11.	Speed variation: microprocessor controlled rotor speed to within 10 rpm of set value. Acceleration and deceleration profiles shall be available.
12.	Temperature range: -10° C to +40° C.
13.	Microprocessor controlled rotor temperature within 1° C of set temperature regardless of centrifuge speed.
14.	Programmable time: 0-99 minutes with minimum resolution of 1 minute.
15.	Digital display of temperature, speed and time. Minimum no. of 3 digit resolution.
16.	Motor imbalance detection: automatic shut down of centrifuge if rotor load is out of balance with appropriate indicator. Should incorporate alarms for imbalance detection lid interlock, over temperature, rotor over speed.
17.	Power requirement: 220/240 volts, 50 Hz. Single phase AC supply.
18.	The equipment shall be suitable for operation from 0 to 40° C at 90% relative humidity. Electronic circuitry shall be tropicalised for this ambient condition.
19.	Noise level within 60 decibels.
20.	The equipment shall have lockable castors.
21.	Protection of data: in event of power interruption or complete failure, data should remain stored.
22.	Should have a provision for external connectivity.
23.	It shall have a security lock to prevent unintentional switch off and also unauthorized opening of the equipment.
24.	At least 3 year warranty period with 5 years CMC after expiry of warranty period. Free of cost annual calibration in the warranty period.
25.	Automatic line voltage corrector/ voltage stabilizer: (i) A line voltage corrector of appropriate rating (10 KVA or as per the requirement of equipment) should form part of standard configuration. (ii) Copper wound single phase automatic line voltage corrector conforming to IS: 9815(PLI)/94 with latest amendments or equivalent international

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	<p>standards fitted with a voltmeter and switch to indicate output/ input voltage.</p> <p>(iii) Input voltage: 140-280 V,50 Hz, output voltage: 220 V \pm10%.</p> <p>(iv) Input output voltmeter and amperemeter. Protection for high low voltage cut off, overload and short circuit protection.</p> <p>(v) Equipment should be supplied with 2 meter cord at input and fitted with plugs of appropriate rating.</p> <p>(vi) Make of the line voltage corrector shall be indicated.</p>
26.	<p>Certifications:</p> <p>(i) Product certification: CE Class II A or US FDA certified.</p> <p>(ii) Quality certification: ISO certified.</p> <p>(iii) Electrical safety: Equipment meets electrical safety specifications such as that of IEC (Class I)</p>

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SPECIFICATION Item Srl No. 35(4)

Tube Sealer, Handheld

1.	Purpose of Equipment: Handheld Blood Bag Tube Sealer is a compact handheld equipment to seal the Blood Bag pilot PVC tubing by transient radio frequency heating and sealing, with no hemolysis.
2.	Quality Standard: (i) Manufacturing should be compliant with ISO 13485, and both manufacturer and distributor/service provider should be ISO 9001:2008 compliant. (ii) Should be compliant with CE Class IIA or US FDA. (iii) Equipment must meet electrical safety specifications of IEC 60601.
3.	Should gently seal tubing with no hemolysis, using radiofrequency heating.
4.	Should be capable of making wide seal of at least 2 mm width.
5.	Should be rechargeable battery operated compact (less than 3 Kg) hand held type, not bench top type.
6.	Sealing time should not be >2 sec
7.	Electrodes should be well protected by a cover to prevent blood splutter.
8.	Should have indicator lamp for sealing process
9.	No warm up time should be required
10.	Should have tear-seal feature to make segments that can be easily separated by hand
11.	No. of seals per charge should be more than 1200 continuous seals from a fully charged battery.
12.	Charger should be compatible with Input voltage: 240V 50 Hz Single phase AC.

Additional requirements

- a. All equipment should specify qualifications for design, installation, operation and performance.
- b. Validation and calibration reports should have traceability to applicable national and international standards.
- c. Complete with comprehensive set of spare parts and surge protector with the charging set.
- d. Warranty for 3 years and CMC for Seven years with spare parts availability.
- e. The make, rating, model, description, specifications should be furnished separately.
- f. Necessary catalogues, technical write up in English, should be attached with the offer both in hard and electronic copies.
- g. Should provide list of installations and feedback report. Performance, efficiency, other factors as applicable should be furnished.
- h. Should provide electronic and hard copies of User Manual (English), Service manual (English) and Complete construction details with respect to material specification, thickness, finish etc.
- i. Should provide a set of equipments for calibration and routine Preventive Maintenance as per manufacturer documentation in service/technical manual.
- j. Should provide Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.

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SPECIFICATION Item Srl No. 35(5)

Transportation box

1	Should have storage capacity up to 50 – 60 Blood Bags.
2	Should be made of rust proof material both inside and outside, sturdy and easy to clean.
3	Door/lid should be hinged, fully insulated and should guarantee a perfect seal.
4	Should have built in lock and key facility.
5	Should have Rechargeable battery with power back up of at least 4 to 6 hours and should be chargeable by Mains/Car battery.
6	Insulation: PUF insulation, CFC free. Should be of high thickness value and the refrigerator should maintain the internal temperature for 4 hrs without power.
7	Temperature Display: External display of set temperature and provision for external adjustment of internal temperature. Adjustable thermostat should be present to set for different temperatures.
8	Should have Audio-visual alarm: Door open/power failure/low battery and temperature variation.
9	Should have Temperature range: -20°C to +10°C
10	Should have forced air cooling of interior chamber for maximum uniformity of internal temperature.
11	Should have built- in condensate evaporate
12	For easy handling there should be handles and there should either be inbuilt wheels or an attachable trolley.
13	Should have hermetically sealed compressor
14	Both manufacturer and distributor/service provider should be ISO 9001:2008 compliant. Should be compliant with CE or US FDA for this specific purpose.
15	Power requirement: 220-230 V single phase ,50 Hz
16	Should have Warranty for 2 Years. Post warranty CMC is required for 5 years. Free of cost annual calibration in the warranty period.

Tender Enquiry No. F.No.24/Re-Tender/35/2014-RISH (ADMN)**SPECIFICATION Item Srl No. 35(6)****Recovery bed**

1.	Semi fowler bed
2.	2 or 3 Section Mattress (HDP – 40 density, 100 mm thick foam covered with cloth backed Rexene of superior quality).
3.	Frame work constructed with precise round Mild steel material
4.	Finish: Pre - treaded & Epoxy Powder Coated
5.	Back rest raised by crank system, located at the end of leg section, crank is folding in nature.
6.	ABS head and foot boards, with Indian Rubbished castors, two with brake, without IV Bottle rod

SPECIFICATION Item Srl No. 35(7)**Instrument trolley**

1.	Frame work should be constructed with stainless steel tubes.
2.	It should have Two Stainless Steel shelves, Stainless Steel rails to cover three sides of top shelf & four of bottom
3.	It should have Stainless Steel tubular frame mounted on four swivel castor, with two breaking
4.	Approximate dimensions: Height: 90-100cm Width: 40-50 cm Length: 50-75 cm

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SPECIFICATION Item Srl No. 35(8)

Single channel Micropipette 5-50 μ l

1.	Variable volume single channel micropipette with non-slip ergonomic design
2.	Fully autoclavable, without need for post-autoclaving recalibration
3.	Single tip-ejector
4.	Two-step plunger operation
5.	Designed to access into narrow necked glassware
6.	Tip cone with excellent chemical resistance
7.	Low activation force for blow-out and tip ejection
8.	Easy calibration, cleaning and maintenance;
9.	To be supplied with full documentation of precision & accuracy certificate through ISO 8655 certified QC assurance for gravimetry.
10.	At least 2 year warranty period with 5 years CMC after expiry of warranty period. Free of cost annual calibration in the warranty period.
11.	Should be ISO 9001:2008 certified.
12.	Essential Accessories must be supplied with the main consignment & committed in the bid: 1. One pipette stand for 5 pipettes. 2. Standard tools and lubricants. 3. Pack of sterile microtip for pipette (10x96)

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MANUFACTURER'S / PRINCIPAL'S AUTHORIZATION FORM

(Clause 12 (c) of the tender)

To

The Administrative Officer,
All India Institute of Medical Sciences
Rishikesh

Dear Sir,

TENDER: _____.

we, _____, who are established and reputable manufacturers of _____, having factories at _____ and _____, hereby authorize Messrs. _____ (*name and address of agents*) to bid, negotiate and conclude the contract with you against Tender No. _____ for the above goods manufactured by us. No company or firm or individual other than Messrs. _____ 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 conditions of tender for the goods offered for supply against this tender by the above firm.

The authorization is valid up to _____

Yours faithfully,

(Name)

For and on behalf of Messrs. _____
(*Name of manufacturers*)/Principal.

Sign of Bidder