



ADVANCED CENTRE FOR TREATMENT, RESEARCH & EDUCATION IN CANCER
TATA MEMORIAL CENTRE
Kharghar, Navi Mumbai-410210

PUBLIC TENDER NOTICE

No.ACTREC/IMP/2011-2012

16.12.2011

Sealed tenders in two bid system are invited from reputed manufacturers of Indian / Foreign origin and/or authorized agents having a set-up in India and able to provide services for supply, installation, commissioning and maintenance of the following equipments :

S.No.	Tender No.	Name of equipment	Qty.	EMD Amount	Date/time of opening tender
1.	ACTREC/IMP/2011-2012/E 44	Multipurpose Ultrasound and Colour Doppler Scanner	1	1,00,000/-	06/01/2012- 2 p.m
2.	ACTREC/IMP/2011-2012/E 45	Haemodynamic Monitor	1	20,000/-	06/01/2012.- 2 p.m
3.	ACTREC/IMP/2011-2012/E 46	Weighing Balance 2 Pan	1	1,000/-	06/01/2012.- 2 p.m
4.	ACTREC/IMP/2011-2012/E 47	Next Generation Sequencer	1	5,00,000/-	06/01/2012.- 2 p.m
5.	ACTREC/IMP/2011-2012/E 48	Oxygen Analyser	1	1,000/-	06/01/2012.- 2 p.m
6.	ACTREC/IMP/2011-2012/E 49	Patient Slide Board	2	1,000/-	06/01/2012.- 2 p.m
7.	ACTREC/IMP/2011-2012/E 50	Digital Tachometer	1	1,000/-	06/01/2012.- 2 p.m
8.	ACTREC/IMP/2011-2012/E 51	Digital Temperature Scanner	1	1,000/-	06/01/2012.- 2 p.m

Tender document containing technical specifications, general instructions together with terms and conditions are to be downloaded from our website : www.actrec.gov.in from **19/12/2011 to 05/01/2012** Tender cost of Rs.500/- is to be paid by Demand Draft drawn in favour of "Director, ACTREC" along with technical bid papers. No tender documents will be issued by post.

Since the tender document is to be submitted in two bid system, tenderers are requested to follow instructions mentioned in tender documents. The sealed tenders addressed to "Director, ACTREC, Kharghar, Navi Mumbai" are to be dropped in Tender Box kept at Ground Floor, Paymaster Shodhika, ACTREC latest by **05/01/2012 by 5.00 p.m.**

The technical bid will be opened on the date and time mentioned in the tender in presence of tenderers who may like to be present. In case if the date of opening of technical bid happens to be an unscheduled holiday, the next working day will be taken into account for opening of tender.

Purchase Officer

**ADVANCED CENTRE FOR TREATMENT RESEARCH & EDUCATION IN CANCER
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KHARGHAR
NAVI MUMBAI 410210.**

Tender Documents

1. Notice for invitation of Tender
2. Instructions to the bidders.
3. Tender Form - Application
4. Schedule of Specification of the item tendered and Compliance report on the prescribed form and on CD thereof.
5. Conditions of the tender (General as well as Special).
6. Valid Letter of authority from the Principal to the Indian agent duly signed, executed and stamped
7. Solvency certificate issued by the Bankers.
8. Undertaking for installation, commissioning and providing training to the nominated staff and replacement of spare parts / consumables and supply thereof during the warranty as well as maintenance contract period.
9. Disclosure of existing customers to whom supply of equipment / service made available in India.
10. Commercial Offer form – Price Bid form.
11. Copy of the agreement to be executed.

For ACTREC

Instructions to Bidders

Bidders are requested to take note of the following instructions while filling the Tender form for submission of Technical and Commercial offer :

1. The bidder should be having a legal entity either of individual/partners or a body corporate which may sue or may be sued.
2. The bidder should be competent enough to deal with the business of the tendered item technically and financially and should have adequate man-power having prescribed qualification (Skilled & Technical) required for managing the business.
3. The bidder should be able to submit the solvency certificate from the authorized bankers.
4. The bidder should have necessary licence under the prevailing laws of the land in India and competent to undertake import and export process of goods and services.
5. The bidder should have tax payment capability by producing 3 years Assessment Clearance Certificate as and when asked for in addition to PAN and TAN No.
6. The bidder should provide Service tax No. and Licence No. as may be required for manufacturing of item and/or import from foreign origin.
7. Experienced bidder should attach certificate of their past experience in support of their capability in the field of dealing with the item tendered.
8. The successor / heirs in office will be responsible for the liabilities created by the bidder in respect to the item / services offered by bidder.
9. The risk of loss in transit of the goods / services shall be the responsibility of the bidder.
10. The bidder will be solely responsible for the activities if found fraudulent on the part of principal to cheat or swindling the Indian money by way of advance payment or breach of terms and condition of L/C established for import of tendered item.
11. The bidder will be responsible by abiding itself by the international law including rules relating to package etc. applicable to the item / services offered by the bidder.
12. The bidder will be responsible for ensuring the international standards before the consignment of the item is dispatched from the godown of manufacturer of foreign origin to deliver into India at the place of the user.
13. The bidder will be responsible for safe transit of the goods under proper goods insurance coverage and under standard conditions.
14. The tender should have team comprising of experts of the line for erection, installation, commissioning and maintenance of the equipment/article tendered for use in the public interest.
15. The bidder should inform in advance to the Institute about the requirement for the erection, installation and commissioning indicating the additional amount of charges/expenditure by the bidder.
16. The bidder will be responsible for all the consequences legal or administrative with regard to the persons involved in erection, installation, commissioning & maintenance for compensation in case of any damage occurred to them while execution of the work.
17. The bidder will be under obligation to intimate to institute in advance about the assistance to be extended by the institute without involvement of expenditure or at the cost of the bidder in connection with the process of erection installation and commissioning.
18. The installation certificate will have to be issued by the team of the experts and it should be countersigned by the user Scientist or **Authorized person** and the date on which such certificate is counter signed by the scientist will be date the from which period of warranty shall be counted.

19. The bidder should ensure that the technical bid complete in all respect should be sealed in a separate cover and commercial/price Bid should be sealed in separate cover and both the envelopes should be kept and sealed in a suitable size cover which should be superscribed with name of the equipment & tender No.
13. The bidder are also advised to ensure that the Commercial offer and the Technical offer papers are signed by the authorized persons and rubber stamp should be put wherever asked for.
14. The offers should be submitted within the scheduled time limits and delay if any occurred in submission on account of any reason whatsoever shall not be condoned and such delayed offers received late shall be liable for rejection.
15. The bidder or his authorized representative will be entitled to participate in the tender opening process to take note of the proceedings of disclosure.
16. The bidder may contact the following relating to any of the item published in Tender Notice;
 - a. *Officer-In-Charge, Instrumentation at Tel No : 022-27405001 & AMS on Tel No.022-27405042 for technical clarification*
 - b. *Deputy Controller of Accounts at Tel No. : 022-27405050 for commercial clarification.*
25. The Director, ACTREC of TMC reserves the right of cancellation, adding, reducing or deferring the purchase without assigning any reason thereof and claim in this behalf in any way shall not be tenable for compensation in one way or the other. In such case the bidder will be refunded with the earnest money deposit without any payment of interest.

Certified that I have read the above instructions carefully and taken note of them.

Signature

Name of authorized person for bidder with seal

Date :

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Serial # 3

TENDER FORM

Application

Ref : Tender No :

Date :

1. Name of the Item / Work	
2. Due Date of the submission of the tender	
1. Demand Draft / Cash Receipt No. for EMD Amount, Date and drawn at	
2. Name / Title of the Bidder	
3. Full Address	
	E-Mail
	Tel. No & Mobile No.
	Fax
6. Name of the person authorized to deal / undertake business for and on behalf of the bidder	
	Tel. No. & Mobile No.
	Fax
	E-Mail
7. Legal entity of the bidder whether Firm / Society / Company / Other entity	
a. Registration No.	b. Authority with whom registered
c. Licence No. granted by	for
8. Main business of the bidder whether Manufacturer, Business Distributor, Wholesale Dealer, Retail trader or Service Agent	
9. Authorized Area of operation in India	
10. Name of the Principal Organization / Company for and on behalf working in India	
11. Origin of the Principal Organization / Company	
12. Address of the Principal Organization / Company	
	Tel. No. & Mobile No.
	Fax
	E-Mail

Contd.....2)

13. Name & Address of the Bankers of the bidders	
14. Authority / Delegation / Licence No. & Date granted by the principal to the representative bidder	
15. PAN No. TAN No.	
16. Registration No. granted by Central Excise Commissioner for Service tax	
17. CST No. / VAT No. / ST No.	
18. Central Excise License No.	
19. Import / Export Code No. License No. for import	
20. Attach Solvency Certificate duly issued by the Banker of the bidder	
21. No. of manpower employed by the bidder	a. Scientific b. Technical
	c. Administrative d. Finance
22. Support facility equipment No.	
23. Experience of the bidder in dealing with the tendered item	
24. Whether supply of any item / service to TMC in past; if yes indicate the Purchase Order No. & Date	
25. Any other relevant information wish to submit	

Certified that the above information is correct & true to the best of my knowledge and belief. Nothing has been concealed and fabricated and in case any information is found incorrect. I, the under signatory will be personally responsible.

Signature
Name of authorized person for bidder with seal

Date :

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Serial # 5

GENERAL & SPECIAL CONDITIONS OF THE TENDER

4. Tender will be submitted in Two Bids in sealed cover superscribed with Tender No. 'E___' for "_____". The tender should contain the technical bid and the commercial bid which would be received on or before 05/01/2012 BY 5.00 p.m. in the Cashier / Purchase Department, ACTREC, TMC, at Kharghar. Technical Bids will be opened on the date mentioned in tender notice at 14 hours onwards in the presence of the attending bidders. Time and date of opening of the Price Bid will be intimated only to the bidders who are technically qualified after evaluation of the Technical Bid.
5. An Earnest Money Deposit of Rs. _____ is to be paid at Cash counter either by Pay order or DD in favour of "Director, ACTREC (TMC)" payable at Navi Mumbai and the cash receipt/DD should be enclosed in Technical Bid of the tender documents. The photocopy of the original money receipt must be kept with the vendor and to be shown at the time of tender submission.
3. The technical suitability of the offered item will be the sole discretion/satisfaction of the tender accepting authority which has reserved the right to reject any of offer or all without assigning any reason thereof.
4. The technically suitable offers shall be shortlisted and the commercial bid will be opened of such technically successful bidders only.
5. The concept of lowest commercial offer will be accepted subject to techno suitability.
6. The successful bidder will have to enter into an Agreement for the contract of supply, installation, commissioning and maintenance of the equipment including the supply and availability of the spare parts.
7. Successful bidder will be issued with a Letter of Intent and such bidder will be under the obligation to submit the Performance Guarantee for the stipulated period of warranty and the maintenance period by way of either deduction from the Invoice not exceeding to 10% or by way of submission of Bank Guarantee bond for the like amount.
8. The bidder will also be under obligation to submit the technical specifications & Compliance of the specified item not only in the form of hard copy but also on CD detailing on the left side components and their technical specifications in the prescribed format.
9. A complete product catalogue, literature/publication/user information paper should be submitted in the Technical Bid along with the design, drawing etc. including the weight, volume and size of the equipment.
10. The bidder may separately quote and submit for other models if they satisfy the requirement for the specified item / equipment.
11. The bidder will also have to certify that the latest version/model of the product has been also offered separately as per our above condition No. 10.

Contd...2)

12. The bidder will have to submit the certificate of Disclosure stating that the Model has been supplied to the users with their details i.e. Name, Address and Tel. No. & E-Mail.
17. The bidder will be under obligation to provide training free of charge to the person/s deputed by the Institute for learning of operations and techniques and maintenance thereof in India or abroad as the case may be.
18. Compliance of National standards of the country of origin of the manufacturer should be certified by the bidder.
19. Literature/Certificate containing the information of the life of the equipment should also be submitted. This criteria is very important and to be noted as a special condition for the tender acceptance.
20. The replacement of defective parts during the warranty period shall be the responsibility of the supplier and the Indian agent will be solely responsible for replacement at their cost including the down time liquidation damage etc. be noted as a special condition of the tender.
21. Replacement of 10% of spare parts in a period of One year will amount to the supply of defective equipment and the Principal company / Indian agent shall be under obligation to replace the entire equipment at their cost. However, the Institute will facilitate the import by way of utilizing its licence for Custom Duty Exemption the rest of the expenditure including transport, insurance & freight etc. shall be borne by the Indian agent. Therefore, this important condition may be noted as a special condition of the tender.
22. The Indian agent / supplier shall be under obligation to ensure that the delivery of the item / equipment shall be treated as completed only on installation of the equipment on site/place decided by the Institute and commissioning is done at the entire satisfaction of the authorized officer / user scientist. In case the equipment or the item is to be shifted from the place on which it was off-loaded to the site of installation & commissioning, it shall be the responsibility of the agency and no cost in this regard shall be payable by the Institute.
23. The principal supplier or their Indian agent shall be responsible for making the consumable / spares available through out the life of the equipment at the prescribed discounted rate as may be mutually agreed by the user and denial or non-supply of required consumable / spares shall render the Indian agent liable for liquidated damages under the contract.
20. Technical strength of the bidder for providing supply, installation and commissioning and maintenance thereafter will be the one of the most important criteria for technical suitability.
21. The bidder has been authorized to inspect the site for installation of the equipment without payment of visiting fees to the Institute before submitting its tender, if so desired.
22. The compliance report shall be properly filled up and duly signed.
23. Each and every page of the technical offer as well as the commercial offer to be submitted separately should be signed and sealed. No overwriting is permissible and such document having correction is liable to be rejected. However, cutting will be permissible on attestation by the authorized person.

24. If any dispute arises out of the transaction in any manner that shall be resolved by the sole arbitration which shall be appointed by the Director, ACTREC and in case such person is not acceptable to the supplier, Director-TMC shall be the final and sole arbitrator who shall undertake the exercise of arbitration to resolve the dispute and such award as may be given by Director-TMC shall be final and binding on both the parties.
25. The Indian supplier on behalf of its Principal supplier / manufacturer of foreign origin shall be under obligation to inform the user from time to time about the innovations / changes made by the manufacturing company in the technique or the program of software to be used in the equipment by way of advancement and will be free to suggest for adoption of the changes at the lowest expenditure as may be acceptable to the users.
26. The damages if occurred to the item / equipment during transit up to its installation and commissioning shall be taken care by the supplier / Indian agent either himself or through second party obligation by way of goods insurance to be arranged with a reputed goods insurance company preferably Indian company. In case an insurance policy taken from insurance company of foreign origin that shall be the responsibility of the supplier / agent and no obligation will be there on the part of the purchaser and every step whatever is required to be taken shall be initiated and taken by the agent.

PART II COMMERCIAL BID

27. The detailed price of the equipment should be quoted in Part II of the tender in a separate envelope indicating :
 - a) Ex-works cost of the entire equipment with 2 years of warranty and necessary accessories and optional accessories separately.
 - b) F.O.B. cost (including handling, inland freight & documentation charges) of the entire equipment and necessary accessories and optional accessories separately.
 - c) The freight & insurance charges (up to installation, commissioning and testing).
 - d) Total amount of the equipment on CIF basis, DDU (Delivered Duty Unpaid).
 - e) Installation & commissioning charges if any should be indicated.
 - f) The delivery period of the equipment and the time required for installation / commissioning of the equipment must be mentioned.
 - g) The tender of the offer would be CIF/DDU (Delivered Duty Unpaid) – ACTREC, Kharghar, TMC as per the International Commercial Terms, applicable at present. All essential spares, consumables, labour and any other incidental costs required for delivering the equipment up to the site of installation and for the startup of the equipment must be included in the commercial bid.
29. **Validity :** The tendered offer must remain valid at least for a period of six months from the date of the opening of the tender.

30. **Mode of Payment :** The preferable mode of payment should be indicated clearly. In most of the cases of indigenous supply in our Institute release of payment in Indian rupees within 30 days of successful installation and commissioning of the supplied equipment and in the case of imported items the payment is made through “Unconfirmed but Irrevocable Letter of credit” / “Sight Draft” through nationalized bank of India, as the case may be.
31. **Warranty :**
- a) **Warranty period and terms of warranty including accessories, details of preventive / periodic maintenance, frequency and task description must be specified.** Vendors are required to provide 02 years warranty followed by 05 years of free service after the warranty period. Tenders not confirming to their clause are liable to be rejected
 - b) **Annual Maintenance Contract (AMC)** to be quoted for after warranty and free AMC Period
 - c) **Comprehensive Maintenance Contract (CMC)** for five years after warranty period should be quoted seperately

Uptime Guarantee period:

The supplier and/or its Indian agent will be required to give the guarantee towards the performance of the equipment during the warranty period and in case of comprehensive annual maintenance contract period for maintaining the equipment in good working condition for a period of at least 347 days out of a period of 365 days a year (i.e. 95% uptime). The eight hours non-functioning of the equipment will be considered as one day down time. Essential period to shut down the installation entirely or partially shall also be included in the down time while calculating the 95% guaranteed uptime. The supplier / agent shall be required to pay a penalty for every day 0.1% of the invoice value per day. If the number of days downtime in each period of 365 days is more than the downtime permissible (which is to be calculated as defined above), the delay for not bringing the equipment in functioning order in any way, directly or even partially will be attributable the firm.

32. **Spares parts :** The supplier / Indian agent will be under obligation to provide the price list of all the spare parts required to be replaced after warranty period and should certify that the rates indicated in the price list shall be applicable for the period of 5 years after the warranty period.
33. **Consumables :**
- a. Consumables as may be required for installation, commissioning, start up and trial runs shall be supplied by the supplier with the equipment without any extra charges.
 - b. The price list of such consumables which shall be required for running of the equipment thereafter shall be submitted with validity for the period of 2 years warranty and 5 years thereafter.

34. The amount / rate of taxes as may be levied should be indicated separately in the commercial offer.
35. The term “without charges or free of cost” will imply as providing goods or services to the purchaser at no extra charges/cost including tax liability thereon.
36. The bidders having their warehouses/service centre and facilitation centre in the city of Navi Mumbai / Mumbai will be desirable and advantageous for attending the calls to reduce the down-time.

Certified that I have gone through the above stated general as well as special terms and conditions of the tender and taken note of them for compliance in toto.

Signature
Name of authorized person for bidder with seal

Date :

To be printed & executed on Letter head of the principal supplier/manufacturer of the equipment of foreign origin

LETTER OF AUTHORIZATION

I, Mr. _____ Chairman / Managing Director / President / Vice-President / General Manager hereby certify and declare that M/s. _____ having its registered office at _____ is an organization dealing with the manufacturing and assembling of the equipment _____ which is meant for scientific use for research/diagnostic/treatment and having business operations in India.

It is also certified that our representation and operations in India is done & executed by M/s. _____ which is a organization constituted under the provisions of _____ and having their registered office at _____ who has been fully authorized by us to act as our representative in whole or part of India to deal, undertake, participate in the business proceedings, quote rate for supply, installation, testing and commissioning, after sales services of our products / equipments and their spare parts together with consumables and procure purchase orders to pass to us on such rates and conditions as may be negotiated by them for and on behalf of us.

The Indian agent M/s. _____ has also been authorized to provide after sales services, supply spare parts and consumables on the authorized rates as indicated in the price list of the company for the period of the currency of warranty and annual maintenance contract thereafter for a period of 5 years. They have also been authorized to negotiate the rate for allowing special discount to the research institutes of India.

Signature

Name of authorized person for bidder with seal

Date :

To be given on the Letter head of Bankers

SOLVENCY CERTIFICATE

This is to certify that M/s. _____ is a firm of Proprietorship / Partnership / body corporate (give legal entity) duly registered under the provisions of Act (give the name of Statutory Act) for which we are the authorized bankers and having bank transactions for their business through us.

Based on their financial transactions, we certify that financial position of the above named organization is sound and the solvency of Rs. _____ can be taken.

Signature of Manager
Name of the Bank with seal

Date :

To be printed & executed on Letter head of the supplier company / Indian agent

UNDERTAKING

To,
The Director,
Advanced centre for treatment research & education in cancer, TMC
Kharghar,
Navi Mumbai.

1. I, the undersignatory hereby undertake to supply, install and erect, testing & commission and maintenance of the equipment namely _____ for and on behalf of bidder on agreed terms and conditions as have been stipulated and mentioned in the Purchase order on acceptance of my offer for the above equipment / item.
2. I, the undersigned also hereby undertake to assure and promise to provide the spare parts within reasonable time for operation of the aforesaid equipment without any charge during the warranty period of 2 years and thereafter I will make available all the spare parts and consumables on the agreed price during the period of annual maintenance contract at least for the period of 5 years from the date of completion of the warranty period at the negotiated rate allowing discount on the price list of the company, authenticated copy of which will be submitted for your record.
3. Further also, I undertake to assure and promise to provide technical operational training to the scientific and technical staff members of the user Institute without any charge after commissioning of the equipment and condition thereof. In case training experts are not available in India the necessary operational training not exceeding to one week shall be arranged by the manufacturing company of the equipment in the manufacturing / assembling unit of the equipment in the foreign country of origin.

Signature

Name of authorized person for bidder with seal

Date :

To be printed & executed on Letter head of the supplier company / Indian agent

Schedule of disclosure of existing customers to whom supply of equipment / service made available in India

CERTIFICATE

This is to certify that M/s. _____ having manufacturing factory / unit at _____ and having registered office at _____ is a company registered and incorporated company under the Law of the land of _____, is our the principal company manufacturing the equipment namely _____. The said equipment has been supplied, installed and successfully commissioned with the users as are listed with their addresses in annexure hereto.

This is also to certify that we have not supplied above named equipment to any of the users in India at the cost less than the price quoted by us to Director, ACTREC-TMC, within the period of last six months.

Signature

Name of authorized person for bidder with seal

Date :

**ADVANCED CENTRE FOR TREATMENT RESEARCH & EDUCATION IN CANCER
TATA MEMORIAL CENTRE
KHARGHAR
NAVI MUMBAI 410210.**

COMMERCIAL OFFER / PRICE BID

Name of the item/equipment/ service (complete in all respect i.e. Basic equipment with necessary accessories and consumables)

: _____

Sr. No.	Particulars	Amount
1.	Ex-works cost of the complete item with 2 years of warranty	
2.	Add : Inland handling, Packing and forwarding charges upto the Port of shipment/boarding	
3.	Total FOB cost	
4.	Freight charges with mode of transport from manufacturer's godown to place of installation if any	
5.	Insurance charges covering all risk in transit from manufacturer's godown to place of installation	
6.	Total CIF value / cost	
7.	Shifting charges from the place of off-loading on the other place to the place of installation, if any	
8.	Unpacking, Installation, testing & Commissioning charges – startup , trial etc, if any	
9.	Agency Commission charges to be paid in Indian rupees	
10.	Annual Maintenance service charges (Labour only) for the period of 5 years payable on yearly basis (in Indian Rupees) after warranty	
11.	Comprehensive Annual Maintenance charges for the period of 5 years payable on yearly basis (in Indian Rupees) after warranty	
12.	Percentage of discount offered on the Price/cost of the spare parts – optional accessories during the warranty and maintenance period of 5 years. (enclose company Price List duly signed and attested)	
13.	Percentage of discount offered on the Price/cost of the consumables to be supplied during the warranty and maintenance period of 5 years. (enclose company Price List duly signed and attested)	
14.	Specify other charges, if any	

Certified that the above information is correct & true to the best of my knowledge and belief. In case any information is found false and incorrect, the under signatory will be personally responsible for the consequences.

Signature

Name of authorized person for bidder with seal

Date :

(To be executed on general Stamp Paper of Rs. 100)

AGREEMENT

Memorandum of agreement made on this _____ day of _____ Two Thousand Eight between

- a. Company incorporated under the Indian Companies Act 1956 having its registered office at _____ a body corporate in incorporated under the same name and style by and which expression shall include its successors / assignees hereinafter called the supplier of the one part. The ACTREC of Tata Memorial Centre which is a society incorporated under the Societies Registration Act 1860 having its registered office _____ represented by _____ on the authority of the Society on the second part.

WHEREAS the second party published notice inviting tenders for the supply, installation and commissioning and maintenance of the item / equipment namely _____ to be used in the public interest at ACTREC, Kharghar, Navi Mumbai;

AND whereas, the first party applied / offered its offer in response of the notice invitation for tender and the offer whereas found acceptable by the second party who has issued Letter of acceptance / Letter of Intent to the supplier;

WHEREAS, the terms & conditions duly stipulated in the tender form under the Schedule of terms & conditions (general as well as special) have been found acceptable by the first party to abide by them and the second party has found the first party competent and capable supplier and letter of intent has been issued by the second party;

Now it is therefore, parties here unto have agreed mutually to abide by the terms and conditions of the work/purchase order and now this deed WITNESSETH that :

1. The first party shall abide by the general terms and conditions as well as the special terms and conditions as have been stipulated in the tender for the supply, installation, commissioning and maintenance of the specified item / equipment for which offer has been tendered by the first party and acceptable to the second party.
2. That the technical Bid containing technical specifications of the technique used in the equipment will be insured by the first party and will be acceptable to the second party.
3. That the quantity variation including short supply will not be acceptable by the second party unless otherwise specified and communicated by the second party to the first party within the authorized time of supply or the extended time as may be mutually agreed upon by the parties here and to.
4. The first party will ensure supply, installation, testing and commissioning of the ordered equipment within the amount agreed after negotiation of the deal for the entire project and Letter of Intent and not charge any additional cost thereon.

5. That the upward price variation will not be acceptable to the second party whereas the first party will be under the liability to revise the price downward if it happens due to taxes leviable by the Central / State Government. However, it will not be applicable to the government of foreign origin.
6. The delay in supply, installation, commissioning and maintenance of the item / equipment including down time will be compensated by the first party to the second party in terms of the provisions made in the general terms and conditions of the tender
7. The maintenance of the equipment / item during warranty period and thereafter AMC/CMC period shall be the responsibility of the successor / assignee who may be there in case the agency / dealership / representative / authority of the principal manufacturing company of foreign origin transferred to others and changed in Indian origin and the second party shall not be under any liability to bear any additional charges thereof and this has been accepted by the first party in toto.
8. That the first party has agreed and assured to the second party for and on behalf of the principal manufacturing company to deliver and make available spare parts on the price list of the manufacturing company at the discounted rate of the spare parts as has been agreed to and stipulated in the work order.
9. That the notice inviting tender, tender form, technical bid, commercial bid together with schedule of quantity and specifications including general terms and conditions and special terms & conditions schedule shall be construed as the part of this agreement.
10. That the mode of payment & currency for the supplies shall not be changed unless otherwise mutually agreed by the parties and if found permissible under the Law of the land.
11. That the first party shall be liable for the liquidated damages to be paid to the second party for the defaults on the part of the principal of foreign origin if the supply, installation, commissioning and maintenance is delayed and the second party will be free to recover such liquidated damages as may be determined in the terms of the Purchase order conditions from the due amount of supplies or EMD or Performance Deposits / Guarantee including Bank Guarantee.

IN WITNESS whereof, the first party – supplier / contractor and the through its authorized representative has hereinto set his hands and Shri. _____, _____ for in and on behalf of the second party has hereinto set his hands, executed and signed this deed in presence of.

First Party

Second Party

Witness : 1. _____
2. _____

Equipment Name: Multipurpose Ultrasound and Colour Doppler Scanner

TECHNICAL REQUIREMENT:

QUOTE FOR MODELS INCLUDING THE LATEST STATE OF THE ART MODEL

Brief summary of the system: The system should be capable of Whole body and Cardiac Imaging to be used by both Sonologist and Cardiologist. Should be capable of Abdominal, and small part imaging such as Breast, Thyroid, Testes, Intracavitary applications like Transvaginal & Transrectal and Intraoperative applications. Should have the capability for Epicardial and Contrast imaging.

Can quote for more than one model

Name of the Manufacturer: _____

Name of the Vendor: _____

Sr. No.	SPECIFICATIONS	VENDOR'S OFFER (all rows to be filled in detail)
1	Name of the Model:	
2	Model No. of the Equipment (If the equipment is a combination of more than one equipment then list down the model no. pertaining to each) :	
	Year of Introduction Internationally	
	Year of Introduction in India	
	SPECIFICATION	
3	Image Processing & Display	
3.1	B – Mode	
3.1.1	Digital Beamformer	
3.1.2	No. of Processing Channel: 18000 minimum	
3.1.3	Depth of field: at least 28 cm	
3.1.4	Frame rate: Maximum rate 1000/ sec adjustable in steps	
3.1.5	Dynamic range: At least 200dB	
3.1.6	Beam focusing: upto 4 transmit focal zone	
3.1.7	No. of Gray shades: at least 256	
3.1.8	Zoom function:	
3.1.9	Variable magnification of Image (Real time, Frozen Image,	
3.1.10	Image pan	
3.1.11	Post processing Capability:	
3.1.12	Rejection	
3.1.13	Persistence	
3.1.14	Edge enhancement (4 level)	
3.1.15	Colourized B – mode (preferable)	
3.1.16	On screen electronic biopsy guide	
3.1.17	Image rotation	

3.1.18	Image reverse: Right/ left	
3.1.19	Spatial Compounding Imaging on all probes for better image quality	
3.2	M – Mode	
3.2.1	Variable sweep rate: At least 4 sweep speed selections	
3.2.2	User selectable transmit frequencies	
3.2.3	Edge enhancements: at least 4 levels	
3.2.4	User selectable M - mode maps	
3.3	Colour Doppler (Colour Flow mode)	
3.3.1	Colour display method:	
3.3.2	Variety of Colour/ Velocity	
3.3.3	Velocity variance maps	
3.3.4	Colour enhancement functions	
3.3.5	PRF range: about 100 to 19,000 Hz is desirable	
3.3.6	Velocity range: About +/-0.6 to +/-243 cm/sec	
3.3.7	User selectable transmit frequencies: at least 2 are desirable	
3.3.8	Pulsed Wave Doppler:	
3.3.9	Display dynamic range – about 0 – 75 dB is desirable	
3.3.10	Variety sweep speed: at least 4 levels	
3.3.11	Variety of PW gray scale maps	
3.3.12	Variety of Doppler tint maps	
3.3.13	PRE range: about 100 to 50,000Hz is desirable	
3.3.14	Velocity range: 0.1 to 2000 cm/sec is desirable	
3.3.15	Angle correction: 0 - 89 degrees in increments of 1deg	
3.3.16	Auto angle correction	
3.3.17	Baseline shift	
3.3.18	Real time Automatic Doppler trace and calculations	
3.4	Power Doppler:	
3.4.1	Variety of Colour Power Doppler maps	
3.4.2	User Selectable Transmit Frequencies: at least 4 are desirable	
3.4.3	PRF range: About 100 – 19000Hz is desirable	
3.4.4	Directional Power Doppler: Optional	
3.4.5	Simultaneously Display of 2D / Colour/ Power Doppler: Dual and Triplex modes	
3.5	Display Monitor	
3.5.1	At least 15” High resolution monitor	
3.5.2	Tile/ Rotate adjustable monitor	
3.5.3	Integrated High Fidelity speakers and microphone	
3.6	Console	
3.6.1	Height adjustable console is desirable	
3.6.2	DGC controls: at least 8 sliders	

3.6.3	Simultaneous connection of at least 3 probes should be possible	
3.7	Image Archive	
3.7.1	Hard drive capacity:	
3.7.2	Image storage capacity of 150000 images	
3.7.3	Image archive on movable media (CD, Pendrive etc.)	
3.7.4	Cine Memory	
3.7.5	Cine review loop: Continuous play back and Frame by Frame review	
4	Peripherals:	
4.1	Automatic Multiformat camera or Thermal printer	
4.2	Colour Laser printer	
4.3	Foot switch	
4.4	Voltage Stabiliser	
4.5	On line UPS of appropriate rating from a reputed brand	
5	DICOM compliant	
5.1	Unit should be able to send, retrieve, store, print and query images in DICOM format	
5.2	Should give Modality work list	
6	Transducers	
6.1	Convex probe 3 -8 Mhz	
6.2	Convex / Sector probe 2.5 Mhz	
6.3	Cardiac probe – Adult	
6.4	Cardiac probe – Pediatric	
6.5	Linear probe 5 -10 Mhz	As the mid frequency is higher in 5-13 penetration becomes very low and cant scan deeper parts like iliac, bowel
6.6	Endocavity probe 4 – 9 Mhz	
6.8	Needle Biopsy guides for all the above probes	
7	Upgradeability capability (Be able to upgrade for the following features at a later date – should say possible or not against each for the quoted model)	
7.1	Real time 3D imaging	
7.2	Panoramic Imaging	
7.3	Native Tissue Harmonic Imaging	
7.4	Elastography	
7.5	Contrast Harmonic Imaging	
7.6	Fusion Imaging	
7.7	Trans esophageal Echocardiography (TEE)	
8	OPTIONAL FEATURES (These features are desirable but not mandatory – Please list down the optional features available with the quoted model):	
9	Pre Installation Requirement	

10	Standard accessories (Which comes along with the machine, pricing of which is part of the equipment)	
11	Essential accessories (Essential to carry out certain functions but comes at an extra cost. Prices to be quoted separately)	
12	Optional accessories (List out all the optional accessories. Prices to be quoted separately) <i>Pediatric accessories are necessary</i>	
13	Any Additional features which you want to highlight pertaining to the model quoted	
14	Essential spare parts & consumables: Provide List of required spares and consumables (if any) with their prices (in the financial bid)	
15	Installation: Company trained personnel as per end user's satisfaction should do installation and impart training to end user.	
16	Training of staff: Provide necessary training to Institute's staff / engineers in routine maintenance and fault finding.	
17	Service support: Complete operational manuals and technical information including circuit diagrams should be provided. Company should provide technical support for hardware and software, spares and consumables. Company should provide required spares and consumables for at least 7 years even after discontinuation of the model.	
	Warranty: at least 2 years warranty is a mandatory requirement. 5 years of free labour service should be provided by the Company after the warranty period. ACTREC will borne the cost of spare parts in that period at the prescribed list price.	
	Annual Maintenance Contract (AMC) to be quoted for after warranty and free AMC period	
	Comprehensive Maintenance Contract (CMC) per year for five years after	

	warranty period	
20	Safety requirements: It should follow International safety requirement	
21	Input power requirements: 230 volts +/- 10% , 50 Hz supply with inbuilt / optional protection for high / low voltage	
22	User's list: A list of installations with the address and contact numbers to be provided. (User list should be for the quoted model)	
23	Multiple Models: If more then one model is offered, then they are to be separately filled and submitted according to the given format.	

NAME OF THE EQUIPMENT: Hemodynamic Monitor

TECHNICAL REQUIREMENT:

To measure all the major Vital Parameters of Patients in critical care areas like ICU, OT etc.

Can quote for more than one model

Name of the Manufacturer: _____

Name of the Vendor: _____

Sr. No.	SPECIFICATIONS	VENDOR'S OFFER (all rows to be filled in detail)
1	Name of the Model:	
2	Model No. of the Equipment (If the equipment is a combination of more than one equipment then list down the model no. pertaining to each) :	
3	Year of Introduction Internationally	
4	Year of Introduction in India	
5	Specification	
5.1	Non glaze display with wide viewing angle & high resolution screen with LCD or TFT of minimum screen size 10".	
5.2	Minimum 4 to 6 number of colour waveforms can be displayed simultaneously.	
5.3	It should have separate Adult and Pediatric settings	
5.4	5 lead ECG -4 limb lead and 1 chest lead to be available	
5.5	SpO2 measurement with wave form should be available	
5.6	EtCO2 to be available-Mention Side stream or main stream	
5.7	NIBP Systolic/ Diastolic with mean reading should be available	
5.8	Provision for 2 nos. of temperature monitoring should be available	
5.9	Respiratory waveforms with measurement should be available	
5.10	Provision for at least 2 no. of Invasive Blood Pressure monitoring should be available.	
5.11	Wall mount facility should be provided.	
5.12	Knob to be provided for adjusting the screen/ Menu.	

5.13	Monitor should be compatible to be integrated with our existing Philips Central station installed in ICU.	
5.14	Visual/ Audible priority alarms should be available	
5.15	Battery backup for at least 1 hour should be available	
5.16	Equipment should be able to withstand the temperature and humidity fluctuations in case of failure of Air conditioning.	
5.17	Printer connection facility should be available	
5.18	FDA or CE Approved	
6	Upgradeability capability	
	Upgradable to adding any parameter	
7	Optional features Please specify. If there is a cost involved for such features, it has to be quoted separately	
7.1	Cardiac output and continuous cardiac output monitoring	
7.2	PiCCO	
7.3	Transcutaneous gas measurement	
7.4	Mixed venous oxygen saturation measurement	
8	Standard accessories (Which comes along with the machine, pricing of which is part of the equipment)	
8.1	All standard accessories for Adult and Pediatric should be provided	
9	Essential accessories (Essential to carry out certain functions but comes at an extra cost. Prices to be quoted separately)	
10	Optional accessories (List out all the optional accessories. Prices to be quoted separately) <i>Pediatric accessories wherever relevant</i>	
11	Any Additional/ salient features which you want to highlight pertaining to the model quoted	
12	Essential spare parts & consumables: Provide List of required spares and consumables with their prices in the Financial bid	
13	Pre Installation Requirement	
14	Installation: Company trained personnel as per end user's satisfaction should do installation	

	and impart training to end user.	
15	Training of staff: Provide necessary training to Institute's staff / engineers in routine maintenance and fault finding.	
16	Service support: Complete operational manuals and technical information including circuit diagrams should be provided. Company should provide technical support for hardware and software, spares and consumables. Company should provide required spares and consumables for at least 7 years even after discontinuation of the model.	

17	Warranty: at least 2 years warranty is a mandatory requirement. 5 years of free labour service should be provided by the Company after the warranty period. ACTREC will borne the cost of spare parts in that period at the prescribed list price.	
18	Annual Maintenance Contract (AMC) to be quoted for after warranty and free AMC period	
19	Comprehensive Maintenance Contract (CMC) per year for five years after warranty period	
20	Safety requirements: It should follow International safety requirement	
21	Input power requirements: 230 volts +/- 10% , 50 Hz supply with inbuilt / optional protection for high / low voltage	
22	User's list: A list of installations with the address and contact numbers to be provided. (User list should be for the quoted model)	
23	Multiple Models: If more then one model is offered, then they are to be separately filled and submitted according to the given format.	

NAME OF THE EQUIPMENT: Double Pan Centrifuge Balance / Weighing Balance- 1 No

TECHNICAL REQUIREMENT:

Brief description of the equipment and its intended use:

Specially designed electronic 'differential scale' ensures proper balancing of blood units for centrifugation.

Can quote for more than one model :

Name of the Manufacturer:

Name of the Vendor:

Sr. No.	SPECIFICATIONS	VENDOR'S OFFER (all rows to be filled in detail)
1	Name of the Model:	
2	Model No. of the Equipment (If the equipment is a combination of more than one equipment then list down the model no. pertaining to each) :	
3	Year of Introduction Internationally	
4	Year of Introduction in India	
5	Specifications	
5.1	Specially designed 'differential scale' for Blood bag weighing	
5.2	Both weighing pans should have enough area to place 450ml blood bags	
5.2	Can be measures two weights independently and displays how much which side is lighter than the other side	
5.3	Can accurately compare (balance) the Blood bags	
5.4	Measuring range should be 0-5000gram	
5.5	Accuracy should be +_ 2 grams	
5.6	Least count should be 0.1 g	
6	Upgradeability capability	
7	Optional features Please specify. If there is a cost involved for such features, it has to be quoted separately	
7.1	Electronic scale with Digital Display	
	Standard accessories (Which comes along with the machine, pricing of which is part of the equipment)	
	Essential accessories (Essential to carry out certain functions but comes at an extra cost. Prices to be quoted separately)	

	<p>Optional accessories (List out all the optional accessories. Prices to be quoted separately) Pediatric accessories wherever relevant</p>	
	<p>Any Additional/ salient features which you want to highlight pertaining to the model quoted</p>	
	<p>Essential spare parts & consumables: Provide List of required spares and consumables with their prices in the Financial bid</p>	
	<p>Pre Installation Requirement</p>	
	<p>Installation: Company trained personnel as per end user's satisfaction should do installation and impart training to end user.</p>	
	<p>Training of staff: Provide necessary training to Institute's staff / engineers in routine maintenance and fault finding.</p>	
	<p>Service support: Complete operational manuals and technical information including circuit diagrams should be provided. Company should provide technical support for hardware and software, spares and consumables. Company should provide required spares and consumables for at least 7 years even after discontinuation of the model.</p>	
	<p>Warranty: at least 2 years warranty is a mandatory requirement. 5 years of free labour service should be provided by the Company after the warranty period. ACTREC will borne the cost of spare parts in that period at the prescribed list price.</p>	
	<p>Annual Maintenance Contract (AMC) to be quoted for after warranty and free AMC period</p>	
	<p>Comprehensive Maintenance Contract (CMC) per year for five years after warranty period</p>	
	<p>Safety requirements: It should follow International safety requirement</p>	
	<p>Input power requirements: 230 volts +/- 10% , 50 Hz</p>	

	supply with inbuilt / optional protection for high / low voltage	
	User's list: A list of installations with the address and contact numbers to be provided. (User list should be for the quoted model)	
	Multiple Models: If more than one model is offered, then they are to be separately filled and submitted according to the given format.	

Tender No.ACTREC/IMP/2011-12/E47 Due on 05/01/2012
EMD : ₹ 5,00,000.00

Tata Memorial Centre
Advanced Centre for Treatment, Research and
Education in Cancer

**Technical Specifications Of: Next Generation
Sequencer**

Qty: 1 No

Please quote all the models including the state of the art equipment which meets the basic minimum specifications

Sr.no.	Description of Item	Compliance (provide details)
	Model Name:	
	Make:	
1	Description: Integrated platform that uses massively parallel sequencing technology for genetic analysis and functional genomics. The integrated platform should consist a High throughput sequencing unit.	
2	Should offer a simple interface to configure, launch, and monitor runs. Also should include real time analysis functionality that automatically produces image intensities and quality-scored base calls.	
3	Instrument is expected to support following major applications: Exome (Capture) sequencing, Whole genome sequencing, Targeted re-sequencing, RNA-seq – transcriptome, ChIP-seq, DNA methylation, LOH/ CNV analysis	
4	Accessories: All the required accessories must be quoted along with the high throughput sequencers. This should include all the necessary equipment for sample preparation till loading to the sequencers.	
5	System Upgrade: The system should be available with clear upgrade opportunity.	
6	Read Length: At least 75 bp read length. Higher read length will be preferred.	
7	Multiplexing Analysis: System should be able to sequence multiple samples at a time with option of barcodes for sample multiplexing.	
8	Quality of Data: 80% of the base calls should have a quality score of Q30. DNA sequence quality has to be ensured by integrated quality control steps.	
9	Chemistry: Chemistry must be well established and proven. Ready-to-use kits should be available from the vendor to prepare samples for all the applications mentioned above. Low sample inputs for the assays are preferred. Strength of chemistry and technology must be supported by publications. List of relevant publications may be enclosed.	

10	Software: The system should be supplied with software that produces SNP and indel calls, LOH calls and RNA counts for aggregated data..Consumables: Consumables for the (major) supported applications should be included with the system offer for at least 25 runs(excluding demonstration and standardization runs)	
11	Training: Onsite Training to at least two officers must be provided on behalf of the supplier.	
12	Computational Server: A suitable data storage device having sufficient memory & processor power for analysis of large data-set should be supplied alongwith, preferably from local manufacturers. (specify hardware details of the quoted server)	
13	UPS: On-Line UPS with 1 hour backup tim at full load should be supplied. UPS should take care of main equipment, essential accessories, computational server / computer system.	
	Quote optionally for the following options.	
14	Any other module/ accessory that may enhance performance of the system.	
15	Compatible reagents/ kits/ chemicals/ etc. Provide details like shelf life, storage temperature, etc.	
	Input power supply requirements:	
16	Equipment should be able to cope up with Indian power supply standards, i.e 240 V AC+/-10% , 50 Hz +/-1% , single phase or 440V AC , 3 phase. Specify if any other input power supply condition is required.	
17	Warranty: at least 2 years warranty is a mandatory requirement. 5 years of free labour service should be provided by the Company after the warranty period. ACTREC will borne the cost of spare parts in that period at the prescribed list price.	
18	Annual Maintenance Contract (AMC) to be quoted for after warranty and free AMC period	
19	Comprehensive Maintenance Contract (CMC) per year for five years after warranty period	
	Installation , commissioning and Training.	
20	The vendor should take total responsibility of shifting the consignment to the installation site, installation and commissioning of the equipment as per standard procedure.	
21	calibration and validation of the system will be a part of the installation process. All standards, test samples, other consumables, etc. needed will be arranged by the supplier/ manufacturing company.	
22	All charges towards shifting, installation, commissioning, calibration and validation should be borne by the supplier.	

23	On site application training should also be arranged for Institute's scientists on FOC basis.	
	Quote optionally for Application support:	
23	Application support for a period of 1 year at the installation site. Supplier should place expert application personnel at ACTREC site for full time, who will undertake routine maintenance of the system and provide application support to the users of ACTREC.	
24	Quote optionally for the "Turnkey" job for site preparation . It may include the following:	
	Design and fabrication of special cubicle, if needed	
	Internal wiring/electrical connections, power boards, etc.	
	Arrangement of air-conditioners, ducting for exhaust/ventilation, if necessary	
	Dehumidifiers of suitable capacity.	
	Anti fungal Painting of walls, if needed	
	Design and fabrication of suitable lab furniture for system placement and user work bench. Aesthetically good looking and useful tables, chairs, cupboards, etc. may be included.	
	storage space for accessories/spares/consumables,	
	flooring / vibration dampening if required, etc	
	Indicate running cost of the air-conditioning system.	
	Bidder may visit the site at ACTREC prior to quoting for the turnkey job.	
	Note to the bidders:	
25	Complete and detailed information should be provided in respect to each point specified in the specifications. Technical bids that are incomplete in any respect are liable to be rejected.	
26	Compliance column may be filled with relevant data, figures, range etc. as applicable. Do not just mention "YES / NO / Complied ".	
27	Provide list of current installations of the quoted model in India. Contact details like end user's name , Institute's name, end user's email ID , etc. should be provided.	
28	Details of installation prerequisites should be provided. Bidders should clearly specify the area (in sq ft) for pre sequencing preparation, sequencing instrument, and post run analysis, power requirement, ambient air quality and temperature conditions. In case of post run analysis— specifications should also include details for server, computers and softwares.	
29	List of publications, any other relevant documents, if any , should be attached.	
30	Details of when the quoted model was introduced in the market and any upgraded model is likely to be introduced in the market in near future.	
31	The firm should supply spare parts for the period of 7 years,	

	after the model is declared discontinued.	
32	Provide details regarding strength of experienced service personnel and application support specialist for Mumbai / western region.	
33	Preference may be given to those firms who has capabilities to stock essential spares at their Mumbai / India Offices.	

NAME OF THE EQUIPMENT: Oxygen Analyser

TECHNICAL REQUIREMENT:

To measure the Output percentage of oxygen from Anesthesia machine / Ventilators. To help us test the accuracy of these life saving Equipment.

Can quote for more than one model

Name of the Manufacturer: _____

Name of the Vendor: _____

Sr. No.	SPECIFICATIONS	VENDOR'S OFFER (all rows to be filled in detail)
1	Name of the Model:	
2	Model No. of the Equipment (If the equipment is a combination of more than one equipment then list down the model no. pertaining to each) :	
3	Year of Introduction Internationally	
4	Year of Introduction in India	
5	Specification	
5.1	Digital Display of Oxygen percentage should be available.	
5.2	Can measure Oxygen percentage from 15-100%	
5.3	Should be Battery operated with rechargeable battery to be provided.	
5.5	Battery low indicator should be available.	
5.6	Sensing part can be connected to Patient ventilator circuit.	
5.7	Calibration Certificate should be provided	
6	Upgradeability capability	
7	Optional features Please specify. If there is a cost involved for such features, it has to be quoted separately	
8	Standard accessories (Which comes along with the machine, pricing of which is part of the equipment)	
8.1	Price and life span of Oxygen sensor to be mentioned.	
8.2	Adaptors for connecting to Ventilator circuit to be provided	
9	Essential accessories (Essential to carry out certain functions but comes at an extra cost. Prices to be quoted separately)	
10	Optional accessories (List out all the	

	optional accessories. Prices to be quoted separately) Pediatric accessories wherever relevant	
11	Any Additional/ salient features which you want to highlight pertaining to the model quoted	
12	Essential spare parts & consumables: Provide List of required spares and consumables with their prices in the Financial bid	
13	Pre Installation Requirement	
14	Installation: Company trained personnel as per end user's satisfaction should do installation and impart training to end user.	
15	Training of staff: Provide necessary training to Institute's staff / engineers in routine maintenance and fault finding.	
16	Service support: Complete operational manuals and technical information including circuit diagrams should be provided. Company should provide technical support for hardware and software, spares and consumables. Company should provide required spares and consumables for at least 7 years even after discontinuation of the model.	
17	Warranty: at least 2 years warranty is a mandatory requirement. 5 years of free labour service should be provided by the Company after the warranty period. ACTREC will borne the cost of spare parts in that period at the prescribed list price.	
18	Annual Maintenance Contract (AMC) to be quoted for after warranty and free AMC period	
	Comprehensive Maintenance Contract (CMC) per year for five years after warranty period	
19	Safety requirements: It should follow International safety requirement	
20	Input power requirements: 230 volts +/- 10% , 50 Hz supply with inbuilt / optional protection for high / low voltage	
21	User's list:	

	A list of installations with the address and contact numbers to be provided. (User list should be for the quoted model)	
22	Multiple Models: If more then one model is offered, then they are to be separately filled and submitted according to the given format.	

NAME OF THE EQUIPMENT: Patient Slide board

TECHNICAL REQUIREMENT:

To transfer the Patient from trolley to bed/OT table and vice versa.

Can quote for more than one model

Name of the Manufacturer: _____

Name of the Vendor: _____

Sr. No.	SPECIFICATIONS	VENDOR'S OFFER (all rows to be filled in detail)
1	Name of the Model:	
2	Model No. of the Equipment (If the equipment is a combination of more than one equipment then list down the model no. pertaining to each) :	
3	Year of Introduction Internationally	
4	Year of Introduction in India	
5	Specification	
5.1	Made by thick semi-flexible thermoplastic material	
5.2	Static insulation should be available	
5.3	Surface should be radio translucent.	
5.4	Impact resistant	
5.5	Pat slide will be Light weight	
5.6	Surface should be clean with any common liquid soap or aqueous based antiseptic disinfectant.	
6	Upgradeability capability	
7	Optional features Please specify. If there is a cost involved for such features, it has to be quoted separately	
	Standard accessories (Which comes along with the machine, pricing of which is part of the equipment)	
	Essential accessories (Essential to carry out certain functions but comes at an extra cost. Prices to be quoted separately)	
	Optional accessories (List out all the	

	optional accessories. Prices to be quoted separately) Pediatric accessories wherever relevant	
	Any Additional/ salient features which you want to highlight pertaining to the model quoted	
	Essential spare parts & consumables: Provide List of required spares and consumables with their prices in the Financial bid	
	Pre Installation Requirement	
	Installation: Company trained personnel as per end user's satisfaction should do installation and impart training to end user.	
	Training of staff: Provide necessary training to Institute's staff / engineers in routine maintenance and fault finding.	
	Service support: Complete operational manuals and technical information including circuit diagrams should be provided. Company should provide technical support for hardware and software, spares and consumables. Company should provide required spares and consumables for at least 7 years even after discontinuation of the model.	
	Warranty: at least 2 years warranty is a mandatory requirement. 5 years of free labour service should be provided by the Company after the warranty period. ACTREC will borne the cost of spare parts in that period at the prescribed list price.	
	Annual Maintenance Contract (AMC) to be quoted for after warranty and free AMC period	
	Comprehensive Maintenance Contract (CMC) per year for five years after warranty period	
	Safety requirements: It should follow International safety requirement	
	Input power requirements: 230 volts +/- 10% , 50 Hz supply with inbuilt / optional protection for high / low voltage	
	User's list: A list of installations with the address and contact numbers to be provided. (User list	

	should be for the quoted model)	
	Multiple Models: If more than one model is offered, then they are to be separately filled and submitted according to the given format.	

NAME OF THE EQUIPMENT: Digital Tachometer

TECHNICAL REQUIREMENT:

To measure the RPM of rotors accurately for use to calibrate Centrifuges etc.

Can quote for more than one model

Name of the Manufacturer: _____

Name of the Vendor: _____

Sr. No.	SPECIFICATIONS	VENDOR'S OFFER (all rows to be filled in detail)
1	Name of the Model:	
2	Model No. of the Equipment (If the equipment is a combination of more than one equipment then list down the model no. pertaining to each) :	
3	Year of Introduction Internationally	
4	Year of Introduction in India	
5	Specification	
5.1	Non contact type measurement type	
5.2	Laser pointing -reflecting technology	
5.3	Can measure a minimum RPM of 10	
5.4	Maximum RPM measurement should be 50000 or more	
5.5	Accuracy should be 1 RPM	
5.6	Equipment should be battery operated	
5.7	Low battery indication should be available	
5.8	Detecting distance should start from 2" (50mm) to 50" or better	
5.9	LCD display with 5 to 6 digit available	
5.10	Calibration Certificate with traceability and validity should be provided comply with international/Indian standard.	
6	Upgradeability capability	
7	Optional features Please specify. If there is a cost involved for such features, it has to be quoted separately	
8	Standard accessories (Which comes along with the machine, pricing of which is part of the equipment)	
8.1	Reflective tape should be provided. Mention the quantity also.	
9	Essential accessories (Essential to carry	

	out certain functions but comes at an extra cost. Prices to be quoted separately)	
10	Optional accessories (List out all the optional accessories. Prices to be quoted separately) <i>Pediatric accessories wherever relevant</i>	
11	Any Additional/ salient features which you want to highlight pertaining to the model quoted	
12	Essential spare parts & consumables: Provide List of required spares and consumables with their prices in the Financial bid	
13	Pre Installation Requirement	
14	Installation: Company trained personnel as per end user's satisfaction should do installation and impart training to end user.	
15	Training of staff: Provide necessary training to Institute's staff / engineers in routine maintenance and fault finding.	
16	Service support: Complete operational manuals and technical information including circuit diagrams should be provided. Company should provide technical support for hardware and software, spares and consumables. Company should provide required spares and consumables for at least 7 years even after discontinuation of the model.	
	Warranty: at least 2 years warranty is a mandatory requirement. 5 years of free labour service should be provided by the Company after the warranty period. ACTREC will borne the cost of spare parts in that period at the prescribed list price.	
	Annual Maintenance Contract (AMC) to be quoted for after warranty and free AMC period	
	Comprehensive Maintenance Contract (CMC) per year for five years after warranty period	
19	Safety requirements: It should follow International safety requirement	
20	Input power requirements: 230 volts +/- 10% , 50 Hz	

	supply with inbuilt / optional protection for high / low voltage	
21	User's list: A list of installations with the address and contact numbers to be provided. (User list should be for the quoted model)	
22	Multiple Models: If more than one model is offered, then they are to be separately filled and submitted according to the given format.	

NAME OF THE EQUIPMENT: Temperature Scanner

TECHNICAL REQUIREMENT:

To be used for the temperature calibration of Medical & Laboratory Equipment.
 Should measure temperature accurately.

Can quote for more than one model

Name of the Manufacturer: _____

Name of the Vendor: _____

Sr. No.	SPECIFICATIONS	VENDOR'S OFFER (all rows to be filled in detail)
1	Name of the Model:	
2	Model No. of the Equipment (If the equipment is a combination of more than one equipment then list down the model no. pertaining to each) :	
3	Year of Introduction Internationally	
4	Year of Introduction in India	
5	Specification	
5.1	Temperature sensor with at least 4 sensors.	
5.2	Sensor wires should be 3-5 meters long	
5.2	Upper temperature measurement limit should be minimum 200degree can be upto 400deg C	
5.3	Lower temperature measurement limit should be -100 degree C (minus 100 degree C)	
5.4	Least count should be 0.1 deg C or better	
5.5	Accuracy should be 0.5 deg C	
5.6	Measured temperature LCD display should be available.	
5.7	Initial calibration certificates with traceability may be provided.	
6	Upgradeability capability	
7	Optional features Please specify. If there is a cost involved for such features, it has to be quoted separately	
8	Standard accessories (Which comes along with the machine, pricing of which is part of the equipment)	
9	Essential accessories (Essential to carry out certain functions but comes at an extra	

	cost. Prices to be quoted separately)	
10	Optional accessories (List out all the optional accessories. Prices to be quoted separately) <i>Pediatric accessories wherever relevant</i>	
11	Any Additional/ salient features which you want to highlight pertaining to the model quoted	
12	Essential spare parts & consumables: Provide List of required spares and consumables with their prices in the Financial bid	
13	Pre Installation Requirement	
14	Installation: Company trained personnel as per end user's satisfaction should do installation and impart training to end user.	
15	Training of staff: Provide necessary training to Institute's staff / engineers in routine maintenance and fault finding.	
16	Service support: Complete operational manuals and technical information including circuit diagrams should be provided. Company should provide technical support for hardware and software, spares and consumables. Company should provide required spares and consumables for at least 7 years even after discontinuation of the model.	
17	Warranty: at least 2 years warranty is a mandatory requirement. 5 years of free labour service should be provided by the Company after the warranty period. ACTREC will borne the cost of spare parts in that period at the prescribed list price.	
18	Annual Maintenance Contract (AMC) to be quoted for after warranty and free AMC period	
	Comprehensive Maintenance Contract (CMC) per year for five years after warranty period	
19	Safety requirements: It should follow International safety requirement	
20	Input power requirements: 230 volts +/- 10% , 50 Hz supply with inbuilt / optional protection for high / low voltage	

21	User's list: A list of installations with the address and contact numbers to be provided. (User list should be for the quoted model)	
22	Multiple Models: If more then one model is offered, then they are to be separately filled and submitted according to the given format.	