

Bidding Document
General Terms& Conditions

CHECK LIST FOR TERMS AND CONDITIONS

A.: To be filled by the bidder and submitted along with the Technical Bid.

Sl. No.	Terms & Conditions as per Bidding Document	Page No.	Remarks
1.	Status of Bidder: <ul style="list-style-type: none"> • Manufacturer or Authorized Distributor/ Agent/Stockist of the Manufacturer (Please attach Notary certified MANUFACTURER'S AUTHORISATION)		
2.	Power of Attorney in favour of person to sign, submit and negotiate the bid.		
3.	Certificate towards market standing of minimum 03 years in the area of supply and or maintenance of bio-medical equipments.		
4.	Certificate for sole ownership / partnership		
5.	Statement of financial standing from bankers		
6.	Statements of turnover per year for last three successive years duly certified by the Chartered Accountants.		
7.	Prerequisite (if any) for installation of the Machine, if any, to be provided by the Institute.		
8.	Whether rates quoted are inclusive of all taxes or not.		
9.	Affidavit to the effect that the bidder is not blacklisted by any Govt. agency or have no pending case either Civil or Criminal against them.		
10.	Original Technical Catalogue of the quoted model		
11.	Compliance Statement with relation to the technical specification as mentioned in the bidding document duly supported by the original catalogue. The bidder must quote specification in the compliance column Mere writing" Complied shall not be accepted.		
12.	Compliance Statement with relation to the terms & conditions as mentioned in the document.		
13.	Duly attested copy of sales tax/Vat registration certificate.		
14.	PAN No.		

The period of authorization should also be clearly mentioned in the authorization letter. The authorization should be for minimum 3 years duration. The authorized representative should also provide full details along with supporting documents regarding their firm . i.e the date of inception of the firm/ establishment of the firm/ area of the work during the last 3year, registration of the firm, sales tax, income tax details. The authorized representative must submit the make and model of the machine to be installed by them for this purpose, the type of test which can be performed by this machine alongwith future up gradation option(New machine has to be installed and no refurbished machine shall be accepted under this arrangement.

INTRODUCTION

Indira Gandhi Institute of Medical Sciences, Sheikhpura, Patna-800-014 is the premiere medical institute of the state of Bihar- established by the Act of Assembly and functioning under Department of Health, Government of Bihar. Various facilities are being developed at this Institute to cater to needs of patients belonging to the state of Bihar and neighbouring states. It is situated at sprawling 133-Acre campus in the heart of city with important landmarks of the city like Airport, Rajbhawan, Secretariat, Vidhan Sabha, High Court, Patna Junction Railway Station and Bus Stand being located within 6 kilometers of the institute. Being situated at Main Bailey Road, it is easily accessible round the clock.

At present the institute provides clinical services in various disciplines including Nephrology, Urology, Gastroenterology, G.I.Surgery, Neurology, Neurosurgery, Cardiology, Internal Medicine, Reproductive Biology, General Surgery, Paediatric Surgery, Paediatric Medicine, Community Medicine etc. Regional Institute of Ophthalmology and Regional Cancer Centre (Cancer Treatment and Research Centre) are providing specialized services in respective fields. Clinical services are backed by investigative services including conventional radiology, Ultrasound, Biochemistry, Histo-pathology, General Pathology, Microbiology, Video Endoscopy, Urodynamics, Extra Shock Wave Lithotripter, EEG with Video Monitoring System, EMG /EP, Dialysis Services etc. Institute provides emergency services to acutely all patients.

To provide better services and in interest of patient care, institute is willing for setting up HLA DSA Typing & ABO typing machine on Reagent Rental basis mode. ”

Project Description

Indira Gandhi Institute of Medical Sciences – Patna is to improve the availability of and access to quality health care for people of State of Bihar as well as neighbouring states.

Tender Bid is invited from Companies/Firms/Agencies/Institutions for Setting Up & Operationalising of “ HLA DSA Typing & ABO typing machine on Reagent Rental basis at department of Microbiology, Indira Gandhi Institute of Medical Sciences, Patna.

Background:

- a. Indira Gandhi Institute of Medical Sciences – Patna (IGIMS) has identified several important needs and taken initiatives to strengthening the Health and Medical care services for greater benefit of the people in the State. Amongst various needs, access to advance and state of the art diagnostic facilities at affordable cost is one such important initiative that IGIMS has planned to undertake for the benefit of the population at large.
- b. Along with the above initiatives, with the rapid advancement in the diagnostic field, the IGIMS has also felt the need to upgrade the existing Diagnostic Facilities at the superspeciality health care level, specially for the Imaging Facilities for initiating better treatment protocol with faster pace for the benefit of both the Doctors and Patients. Keeping this in mind, the IGIMS now wishes to engage a competent organization under Reagent Rental Basis for establishment and round the clock operation **HLA DSA Typing & ABO typing machine on Reagent Rental basis at the department of Microbiology** for the benefit of both the Doctors and patients. Such up-gradation is expected to bring in more precision, speed and advancement in the diagnostic imaging facilities in this institute, a superspeciality in neuroscience and a premier institute in the area of treating critical neurological cases.
- c. The purpose of this initiative under Reagent Rental Basis is to engage competent organization in this field selected through Tender Notice with defined criteria and transparent process of selection and utilize their strengths to bring in operational efficiencies of the rental for **round the clock operation** of Lab. The objective of round the clock operation is to cope with the existing load,

reduce the waiting period of the patients and provide the facility to the patients at any point time.

d: Salient features of the scheme and other relevant information for establishment of the upgraded are provided in the following sections

Description of the Scheme

Reagent Rental Basis

- 1) The partnership would be governed by an **agreement** with detailed terms and conditions to be signed by the selected firm with the Director, I.G.I.M.S. – Patna for installation, establishment and running of the round the clock.
- 2) **The initial duration of the agreement will be for a period of five years, which may be extended up to next three years subject to satisfactory performance of the Service Provider.** There will be an annual review of performance. The renewal of the contract at the end of five years will be subject to satisfactory consecutive annual review reports during the contract period .

b. Salient Points of the Agreement

- 1) Under this agreement, the selected firm will set up the unit in the allocated space provided by the hospital authorities within the hospital premises.
- 2) The firm shall procure and install a brand new State of Art latest new HLA DSA Typing & ABO Typing from reputed manufacturer and credible as well as other accessories and equipments for setting up the unit at their own cost in the hospital for operation and management of the services under Rental. . **The specification of the equipment needs to be submitted by the firm along with the application for approval of the hospital authorities during evaluation of the application.**
- 3) As per terms of the agreement, the hospital authorities will provide space as per requirement. The repair, renovation and any modification / alteration works at site to make the space suitable for installation and commissioning of HLA DSA Typing & ABO Typing Unit and to accommodate other utilities along with patient waiting area are to be done by **firm** at their own cost. Water supply will also be provided free of cost.
- 4) The **firm** shall be responsible for the entire operation and management of the unit round the clock through out the year and undertake necessary investigations for all the patients treated in this hospital.

c. Role and Responsibilities of the Hospital Authorities and its various wings

1. The required space as per clinical establishment norms for each of the services and supply of water (including water tax, if any) will be provided free of cost by the hospital authorities to the firm for running of the services.
2. In case space is not available, the hospital authorities will undertake necessary work to make the space in ‘ condition. However, the firm will be allowed to make modification / alteration, additional painting and refurbishing of the premises if it so desires at its own cost. However, it may be mentioned here that the firm except with the prior permission in writing from hospital

authorities would not carry out any major structural changes or major modifications in the Hospital but shall be entitled to make such minor modifications as may be necessary in its opinion for delivering the standard services, provided, any such modifications are in accordance with the Clinical Establishment Rules.

3. The hospital authorities will develop SOP, management system as well as quality assurance system to be followed by the Diagnostic Centre . An appropriate soft ware package shall be installed by the firm and all kinds of transactions have to be done by the firm using that software only so that monitoring at any point of time can be done by the hospital authorities.
4. The hospital authorities will fix the price of different investigations for the different test. The rate of each of the diagnostic tests will be reviewed as and when required by the IGIMS.
5. The clinical reporting of the test investigations will be done by the microbiology of the I.G.I.M.S. – Patna.

d. Role and Responsibilities of the firm:

A:

i: The tendered shall install the equipment along with the equipment written in annexure- attached

- ii: **The tenderer should have to quote the rate for the reagents and kits Antibody products, Antibody Accessory, products life bodies fluoranalyzeer product.**
- iii. **Charges for each test to be charged from the patients has to be mentioned for Reagent Rental mode and which should preferably be below the market charges in private Sector for these very test_**

E:

- 1: **The Institute shall provide space, electricity and water only for this project.**
 2. **_Reagent required for the tests to be performed, maintenance of the machine, and keeping the machine operational with the help of Institute technicians round the clock shall be the sole and full responsibility of the tenderers. The technician must be duly qualified for maintenance and handling in a proper manner for which the required training will be given by the tenderer..**
 3. **Penalty Clause;- The selected agency shall have to ensure round the clock functioning of the machine installed by them. In case of any break down and failure of the machine they have to ensure availability of the test within 48 hours either by repair or through replacement by new machine. Beyond 48 hours , penalty per day will be charged on the basis of highest revenue on any given day of that month. This penalty shall be deducted from the bill of the reagents to the selected agency.**
 4. **For future, Facility for other parameter /up gradation if possible should be mentioned.**
 5. **Director reserve the right to accept or reject any or all the tenders without assigning any reasons**
 - 6: **The technician must be duly qualified for maintenance and handling in a proper manner**
1. The firm shall duly sign the Possession letter (to be incorporated as Schedule in the legal agreement) for the space provided by the hospital authorities for conducting the HLA DSA & ABO Typing services.
 2. The firm shall be responsible at its own cost all operation and management of the unit including maintenance of equipments and deployment of required medical, technical and other personnel in accordance with the relevant Clinical Establishment Acts and Norms.

3. The firm shall comply with all statutory requirements as applicable.
4. firm shall also comply with the fire safety requirements as per Fire Services Act, 1950 as amended up to date.
5. **The firm shall ensure that the unit operated by it shall be accessible for teaching and training purposes .**
6. The firm shall ensure that the services would be operational round the clock.
7. The firm shall comply with the requirements for adherence to pricing policies and reporting system. The firm shall arrange for submission of all prescribed documents relating to operation and performance of the centre of each calendar month
8. The firm shall comply with the requirements of furnishing Performance at the time of signing the legal agreement.
9. The firm(s) will have to place the equipment(s) with all its accessories required for functioning of the equipment(s) on reagent rental basis. All the accessories required for smooth functioning of the quoted equipment will be supplied on FOC basis.
10. The installation of equipments & its accessories should be done by the firm on turnkey basis. All the work namely the electrical fitting plumbing, water tank, furniture's & furnishing etc , other necessary modification to make the room dust free as per the requirement of the equipments should be done by the firm FOC basis with the UPS of desire capacity..
11. The firm placing the equipments should also provide one split A/c conditioner unit of sufficient capacity to maintain ambient temperature in the room where the equipment is/are installed.
12. One refrigerator of sufficient capacity for storing reagent/consumables of the equipments should also be provided by the firm
13. The firm should provide option for minor software modification and up gradation to new version whenever released by the company free of cost. The company should also provide up gradation as per the requirement of the hospital.
14. The firm will ensure uninterrupted supply of the reagent, consumable & spares for the equipment at all times spares/extra pack each of all the parameters and other frequently required consumables & spares should kept in the lab. In addition to the packs in use. Periodic should be made by the firm representative to assess the status of the packs or items available in the lab& replenished accordingly.

e. Monitoring Mechanisms

1. The competent authority of the Hospital shall monitor the day- to-day operational activities of the services undertaken by the firm. **IGIMS** will demand all the records like maintenance log book, daily collection register, annual report etc. for inspection and verification.
2. Performance review will be undertaken by IGIMS on quarterly basis. Senior Official from IGIMS will be present during Performance Review.
3. The firm shall be required to submit prescribed documents including monthly reports in prescribed format to concerned officials.
4. **The designated officials of IGIMS** will have unfettered right to enter the facility premise at any time in order to inspect and execute, any Structural additions and alterations or repairs to the said premises, repairs to electric, water and sanitary installations, which may be found necessary from time to time. The time and date for this purpose will be fixed with the mutual convenience of both the parties, as far as possible. However if this is not possible in any exigency, IGIMS authorities may allow entry of other designated officials for the above purpose.
5. The supply, installation and commissioning of item at deptt.of Microbiology at department of microbiology of the Institute is to be done within six months from the date of signing of the agreement.

f. Causes for Termination

Any of the following events shall constitute an event of default by the firm entitling IGIMS to terminate this agreement:

1. Failure to commence services in the Hospital within six months of signing the agreement.
2. Failure to comply with the requirement of round the clock services
3. Failure to comply with the statutory requirements, Clinical Establishment Acts, Rules and other

applicable norms.

4. Criminal indictment of the promoters, member/s of the Board of Directors, chief functionaries, key personnel engaged by the firm for operation and management of the services.
5. Engagement of unqualified persons for running of the Services.
6. Use of the allocated space by the firm for any other purpose other than the approved scheme.

Upon occurrence of any of the defaults, the hospital authorities would follow the procedures of issuing Notice/Show Cause before deciding on termination of the agreement. The decision of the hospital authorities shall be final and binding on the PSP.

g. Duration of services

h. Eligibility criteria of applicants and selection process

a ELIGIBILITY CRITERIA OF THE ORGANIZATION FOR SUBMISSION OF APPLICATION

The eligibility criteria for application of intending organizations for consideration of selection of the Organization for operation and management of the Hospital under rental are provided as under:

1. The Organization (Limited Company/Private Limited Company / Partnership or

Proprietary Firm / NGO / Trust/ Charitable must be registered

under appropriate statutory authority of Government of Bihar / Government of India or under Companies Act

2. The Organization should be operating and managing a Organization (Limited Company/Private Limited Company / Partnership or Proprietary Firm / NGO / Trust/ Charitable for at least last two years and above with facilities for this machine in the existing facility in any State of India.
3. No litigation is pending on date and no penal measures were taken against the applicant under applicable Acts and laws.
4. Possess Service Tax certificate.

Applicant failing to fulfil any of the above-mentioned Eligibility Criteria will not be considered for selection.

I:- Tender Fee:- Demand draft of Rs.2000/-= Non refundable in favour of Director IGIMS, Patna

J; Earnest Money:

Demand Draft of **Rs. 1.00 Lakh (Rs. One Lakh refundable)** in favour of Director, Indira Gandhi Institute of Medical Sciences, Patna.

In case, the first selected party is unable to provide the services, Director, Indira Gandhi Institute of Medical Sciences – Patna shall reserve the right to award the bid to the other bidders at the first selected party rate.

K. Submission Requirements:

Interested Agencies/Firms/Institutions/Companies, wishing to undertake the above task on behalf of Indira Gandhi Institute of Medical Sciences – Patna, may submit, **in two sealed large envelopes** marked **“Tender bid for Setting up & Operationalising ” at IGIMS – Patna - Technical Bid”** and **“Tender bid for Setting up & Operational sing “” at IGIMS – Patna – Financial Bid”**. If both financial and technical bids are received in the same envelop, the tender bid shall be automatically rejected.

Bidder(s) are requested to clearly indicate each of the submission requirements mentioned below along with the relevant page number in your cover letter/ application accompanying the technical proposal.

The **Technical Bid** should include the following:

- a. Approach to the project.
- b. Detailed **technical specifications** of the system to be offered with US FDA Certificate.
- c. Capability Statement & detailed list of installations in India.
- d. Background of the firm/organization
- e. Demand Draft of **Rs. One lakh /- (refundable) in favour of “Director – Indira Gandhi Institute of Medical Sciences – Patna”**.
- f. Notary certified Certificate issued by Chartered Accountant of Annual financial turnover during the last three years ending 31st March 2017.
- g. Affidavit to the effect that the bidder is not blacklisted by any Govt. agency or have no pending case either Civil or Criminal against them.
- h. Copy of Service Tax Registration, Certificate for sole ownership / partnership,

Evaluation of Technical Bid: The firm needs to satisfy the Minimum Eligibility Criteria to be considered technically qualified. In case no competent bid is received for providing all the services in any given category, Director – Indira Gandhi Institute of Medical Sciences - Patna reserves the right to relax provisions.

Financial Bid : Envelope should only contain the cost of the quoted reagents with the price per test “Indira Gandhi Institute of Medical Sciences – Patna”.

The financial bids shall be submitted in the following format:-

The tender should reach the office of the “Director, Indira Gandhi Institute of Medical Sciences – Patna” by 4.00 pm on 16/06/2017 **through Registered Post / Speed Post**. Tender bids received after this time, shall not be entertained. The **technical bids will be opened on 17/06/2017** at 11:00 A.M. in the Conference Hall of the Institute in the presence of bidders or their authorized representatives who desire to be present.

Evaluation of Financial Bid: Financial bid will be evaluated based on the price of quoted reagent with their price per test

In case the selected Company/Firm/Agency/Institution declines to take-up the project after being awarded the contract, it would be barred from applying for any project of any kind in “Indira Gandhi Institute of Medical Sciences – Patna for a period of 5 (Five) years from the date of award and EMD will be forfeited.

The decision of the “Director, Indira Gandhi Institute of Medical Sciences – Patna (Bihar)” shall be final, and no enquiries, or application for review, shall be entertained. The “Director, Indira Gandhi Institute of Medical Sciences – Patna (Bihar)” reserves the right to cancel or reject any tender without assigning any reason.

Sd/-
Prof. (Dr.) N. R. Biswas
Director,
I.G.I.M.S. – Patna.

Specification for Automated System for HLA DNA Typing & ABO Typing

1. The System should be HLA antibody detection, PRA, KIR genotyping and all other test systems available in one platform.
2. A 96 well micro plate based open system with multiplexing capabilities: the following micro titer plate should be compatible with plate holder: flat bottom, conical, round, filter bottom, half plates.
3. The instrument should have automatic sampling procedure and capacity to analyse 96 wells per batch and distinguish a minimum of 100 unique x Map Microsphere sets in single sample.
4. Automatic calibration, hands free start up, shut down, maintenance and validation procedure is required.
5. A calibration kit should be available with the company for checking the signal output of the system.
6. Instrument should come with, XY platform, sheath dispenser, PC with operating and analyzing software, PC to be provided should have the following configuration: windows 7, 320 HDD, 2GB RAM Dual core or higher supporting the system
7. The accuracy or precision of the instrument should be good with sample uptake volume- 5% and temperature variations not exceed 2 C. Operative temperature range of 15-30 C is required.
8. The fluidic of the instrument should be with sheath flow rate of 80-100 ul/ second and sample uptake volume should be 20-200ul.
9. User friendly software with a desktop PC for analysing data and a laser printer.
10. The system should be an open system; it should run on original any operating system. i.e. luminex 100/200 is 2,3 or its latest version, or any other system
11. The acquisition and analysis software provided should be compatible for all applications like HLA Typing, DSA Typing, HLA Antibody detection, donor specific antibody detection, KIR genotyping etc.
12. All consumables should be quoted separately.
13. Installation of the equipment and all necessary accessories such as UPS, PC, and Printer should be provided.
14. Supplier should supply all the consumables prices as per list attached (Annexure A)
15. All the accessories as per annexure B attached should be supplied.
16. Installation of the equipment and the all necessary accessories such as UPS, desktop PC, Printer compatible with the existing power supply & backup should be provided.
17. Power back up should be atleast 1 hours.
18. quotation should include 5yrs. Warranty with all the spares and CMC for next 10 years after the expiry of warranty.
19. Supplier shall provide onsite comprehensive training to the Lab staff & support services till the familiarity and confidence in using the system.

20. The supplier will do the necessary renovation including civil work, air conditioning workbenches & furniture as per annexure it (elements defining turnkey)
21. List of Installation must be enclosed when HLA & ABO typing Instruments installed.\
22. The Project should quoted be given in turn key.
23. The ABO typing Automated equipment should have the following parameter
 - ABO/Rh typing
 - Antibody identification, platelet cross matching.
 - Antibody Screening, cross Match, Rh Phenotyping
 - Facilities should be provided for Donor
 - Screening for HIV, HBsAg, HCV, Syphilis, CMV.

ANNEXURE-A

KIT Name	Quantities required
HLA A SSO Typing kit	
HLA B SSO Typing kit	
HLA DRB SSO Typing kit	
HLA – DP& DQ combined SSO typing kit	
HLA DPB Typing kit	
HLA DQB Typing kit	
HLA DQA Typing kit	
Coster 96 well Thermal Cycler plates	
Coster Polyethylene Sealing Tape	
Streptavidin –PE (85 ul @ 0.85ul/test)	
Nuclease Free Water	
Corning Strip Tubes and Caps	
Sheath fluid 20L*	
DSA kit	
Filter plates for DSA	
Aluminum Sealers	
Sheath fluid 20L*	
PRA Screen Class I AB	
PRA ID Class II Ab	

ANNEXURE -B

1. Thermal Cycler PCR Veriti 96 well set to 9700 MAX Mode-1
2. Bath Sonicator-1
3. Dry heating Block-1
4. Vortex Mixer -3
5. Plate Shaker 200 rpm single plate-1
6. Mini Centrifuge (8 well PCR tube centrifuge)-1
7. Mini Spin Table To Centrifuge -1
8. Vacuum Pump-1
9. Vacuum Manifold-1
10. Retainer Tray-1
11. Silicon Compression Mat-1
12. RCR Plate holder tray-1
13. 0.2-2.0 micro l pipette 8 channel-2
14. 0.2-2.0 micro l pipette 8 channel-2
15. 0.2- 2.0 micro l pipette 8 channel-2
16. 300 micro l to dispense 175 micro l pipette 8 channel-1
17. Laminar hood-1
18. Cryoblock for Taq-1

ANNEXURE –C

SN	Instruments	Model/Make	Qty
1	Tharmal Cycler PCR	Verity	1
2	Nanodrop	Tharmo	1
3	Bath Sonicator		
4	Dry Heating Block		
5	Vortex Mixer	Eppendrof/Tarson/Tharmo	2
6	Plate Shaker 200rpm single plate		1
7	Mini Centrifuge (8 well PCR tube centrifuge)	Eppendrof/Tarson/Tharmo	1
8	Mini Spin Table Top Centrifuge	Eppendrof/Tarson/Tharmo	1
9	Vacuum Pump		
10	Vacuum Manifold		
11	Retainer tray		
12	Silicon Compression Mat		
13	PCR Plate holder tray	8 Well	
14	0.2-0.2 micro it pipate 8 channel	Tarson/Tharmo	
15	0.2-0.2 micro it pipate 8 channel	Tarson/Tharmo	
16	0.2-0.2 micro it pipate 8 channel	Tarson/Tharmo	
18	300 micro it to dispense 175 mico it pipate 8 channel	Tarson/Tharmo	
19	Cryoblock for Taq		
20	Laminar hood		

Product Name	No of Test
Life Code HLA-A-SSO Typing Kit	50
Life code HLA-DRB1 SSO Typing kit	50
Lifecodes HLA-B SSO typing kit	50
Lifecodes HLA-C eRES SSO Typing kit	50
Lifecodes HLA-DQB SSO kit	50
Lifecodes HLA-DRB3/4/5/Typing kit	50
LIFECODES eRES HLA-A typing kit	50
LIFECODES eRES HLA-B typing kit	50

LIFECIDES Eres hla-drb1 typing kit	50
LIFECODES HLA-DQA1 typing kit (RUO)	20 TESTS
LIFECODES HLA-DPB1typing kit (RUO)	20 tests
LIFECODES KIR typing kit w/out Taq	20 tests
LIFECODESTaq Polymerase (50ul @ 5U/ul)	100 tests
LIFECODES Streptavidin-PE (85 UL @ 0.85ul/test)	100 tests
Costar 96 well Thermal Cycler Plates	25 Plates
Nuclease Free Water	25 ml
Corning Strip Tubes and Caps	300/cs
Costar Polyethylene Sealing Tape	100 seals
Antibody Products	
LIFECODES ID Class Antibody	24 test
LIFECODES ID Class II Antibody	24 Test
LIFECODESLifeScreen Deluxe	96 test

LIFECODES LSA Class 1	24 test
LIFECODES LSA Class II	24 test
LIFECODES LSA – MIC	24 test
LIFECODES DSA	96 test
LIFECODESseraClean	24 test
Antibody Accessory Products	
Qiagen Vacuum Manifold	1 Unit
Millipore Filter Plates	10 Plates
CostarThermowellAluminum Sealers	100 seals
Wash Buffer for LMX, LM1, LM2	100ml
Wash Buffer for LSA	25 ml
Pos Control SeraforLifeScreen Deluxe	75 ul
Neg Control Sera for Life Screen Deluxe	75 ul
LSA Conjugate Concentrate	25 tests
Conjugate for LMX	94 tests
Conjugate for LM1, LM2	125 ul
DSA Lysis buffer	2.5 ml
LIFECODES Fluoralyzer products	
LIFECODE Sheath fluid 20 L	400
LIFECODEScel 1 Calibration Bead	5 ml
LIFECODE Cal 2 Calibration Bead	5 ml
Lifecode Con 1 Control Bead	5 ml
Lifecode Con 2 Control Bead	5ml
