



PUBLIC TENDER

2 PART TENDER FOR Accessories for High Content Confocal System (HCS) – Qty. 1 No.

Tender Fee: Rs.700/-, EMD – Rs.3,70,000/-
Cost of Tender : Approx. Rs. 185 Lakhs
Last date for Sale of Documents: 06/03/2018 till 16.00hrs
Last date for submission: 07/03/2018 till 14.00hrs
Due date for opening bids: 07/03/2018 at 14.30hrs

GENERAL CONDITIONS

(Tender documents consist of 15 pages, Pg. 1 to Pg.14 – Technical Bid, Pg. 15- Price Bid)

Ref: NCBS/F-163160/2017-2018 (N)

Tender Notice No.015/2017-2018

Important Instructions: The bids shall be enclosed in an envelope and sealed duly marked "Tender for "Accessories for High Content Confocal System (HCS) – Qty. 1 No." Ref. No. NCB/F-163160/2017-2018 (N)"; and addressed and to be mailed to "The Head-Purchase". The bids are liable to be rejected if the sealed envelope is not addressed to "The Head-Purchase" with Tender Ref. No. and Item Description. Offers delivered in person shall be deposited in the Tender Box kept in the office. If the bids are sent through courier or mail, it should reach by submission Date and Time and NCBS will not responsible for the delay.

Important instruction for the Tenderers: -

All tenders shall be made in ENGLISH only.

The details in regard to technical specification and other terms and conditions should be cogent and clear to the extent possible.

Sealed tenders are invited at NCBS - TIFR, GKVK, Bangalore – 560 065 under 2 cover system from reputed reputed Manufacturers / Suppliers for Supply, Installation, Commissioning and Technical Support for the following:-

Accessories for High Content Confocal System (HCS) – Qty. 1 No.

The Technical and Financial / Price Bids shall be submitted simultaneously in two (2) cover (sealed) system. The proposals shall be evaluated in two stages: (1) Technical and (2) Price / Financial. Technical evaluation will be carried out and those Vendors who score minimum 80% and above will qualify for Price Bid opening. Thereafter, Financial Proposal shall be evaluated. The Commercially LOWEST BIDDER shall be the first preferred Vendor for award of Order.

1) The EMD amount should be put in first sealed cover – Cover I, and superscribed as "Techno-commercial Bid" and should contain -

1. Acceptance of Technical specifications, **Annexure-A (page 9 to 12)** and terms and conditions. Tender document to be enclosed with Date, Signature and Seal in every Page.
2. Complete Technical details of the Instrument offered (Specifications, Technical Parameters, Advantages, etc.,)
3. Supplier profile & Schedule of Experience – **Annexure – B**
4. Supplier must describe in detail the technical support they will be able to provide in Bangalore. Only those companies will be considered who have engineers based in Bangalore who have been trained on the machines being quoted for, prior to the date of installation.
5. Suppliers must provide complete list of publications arising from use of their machines, in which the machines have been used for the applications listed. Enclose Data Sheet and Sample Analysis (if any)
6. Details of Warranty Services.
7. Details of "After Sales Service" and "Factory Trained Engineers" available in Bangalore.
8. Xerox copies of the Purchase Orders for having supplied similar Instruments in India.
9. Schedule of deviation from specifications / conditions – **Annexure C**.
10. Any other information the bidder like to provide with Date, Signature and Seal (**Annexures should be duly signed and filled with date wherever necessary**)
(Please attach additional sheet(s), wherever necessary)



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II) The **second sealed cover** – Cover II superscribed '**Price Bid**' (page 15) should contain only rates (please attach additional sheet(s), wherever necessary) (should be duly signed with seal and filled with date wherever necessary)

THE ABOVE MENTIONED TWO COVERS SHALL BE SEALED ON THE OUTSIDE WITH WAX SEAL BEARING THE LOGO/NAME OF THE COMPANY SUBMITTING THE BID.

THESE TWO COVERS SHALL BE AGAIN PUT INTO A SINGLE WAX SEALED COVER superscribed "**Tender for Accessories for High Content Confocal System (HCS)**" and should reach NCBS on or before 07/03/2018 before 14.00 hrs". This should be addressed to the Head-Purchase, NCBS-TIFR, GKVK, Bangalore – 65. The Techno – Commercial Bid will be opened on 07/03/2018 at 14.30 hrs.

On the date of tender opening (i.e. on 07/03/2018), only the **Techno-Commercial Bids** shall be opened in the presence of attending tenderers.

The **Technical and Financial / Price Bids** shall be submitted simultaneously in two (2) cover (sealed) system. The proposals shall be evaluated in two stages: (1) **Technical** and (2) **Price / Financial**. The **Technical and Financial / Price Bids** shall be submitted simultaneously in two (2) cover (sealed) system. The proposals shall be evaluated in two stages: (1) **Technical** and (2) **Price / Financial**. Technical evaluation will be carried out and those Vendors who score minimum 80% and above will qualify for Price Bid opening. Thereafter, Financial Proposal shall be evaluated. The Commercially **LOWEST BIDDER** shall be the first preferred Vendor for award of Order.

Earnest Money Deposit shall be submitted along with the "Techno-Commercial Bid" in the form of a Demand Draft drawn in favour of "National Centre for Biological Sciences, payable at Bangalore" and the DD should be from a Commercial Bank/ Foreign Bank (First class Bank). Alternatively, a Bank Guarantee from a Commercial Bank/ Foreign Bank (First class Bank) may be provided (no other mode of payment will be accepted). The Bank Guarantee should be valid for 6 months from the date of opening. Bids not accompanied with Earnest Money Deposit shall be rejected. The EMD shall be refunded to the unsuccessful bidders once the order is released on the successful bidder.

The Techno-Commercial bids shall be evaluated subsequently and only the shortlisted firms Price Bid will be opened.

1.1 Quotations must be submitted giving complete details using enclosed tender papers.

1.2 The rates quoted should remain valid for a period of 180 days from the date of Price Bid opening.

1.3 Each page of the tender except the Price & Delivery part shall be on printed letterheads or forms and bear the signature, date, name and designation of the person signing the offer. If they are not on letterheads, a rubber stamp indicating full name, address and phone No., Telex No., Fax No. etc. of the firm shall be affixed at the end of each page. The price & delivery part shall be as Annexure B attached.

1.4 This tender document is not transferable. Only the party to whom the tender documents have been issued shall be entitled to quote.

1.5 Bids containing erasures or alterations are liable to be rejected unless countersigned by the Authorised signatory.

1.6 All rates and total amount should be written both in figures and in words and if there is any discrepancy between the two, the lowest amount only will be considered.



Ref: NCBS/E-163160/2017-2018 (N)

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- 1.7 Tenders will be opened in the presence of attending tenderers on **07/03/2018 at 14.30 hours**. In the event the due date is declared as holiday, the tender will be opened on the following working day.
- 1.8 If the item offered is to be imported, arrangements for import will be made by the Institute. Import duty and customs clearance will be under purchaser's scope.
- 1.9 We reserve the right to place order for part/reduced quantity than what is specified in the tender and also reserve the right to split the order to more than one supplier.
- 1.10 Any deviation/substitution in regard to the technical specification must be indicated in Annexure C of this tender document. Otherwise it shall be binding on the bidder to supply the items as specified in this tender specification.
- 1.11 All bids are to be submitted before the due date and time. **The bids shall be enclosed in an envelope and sealed duly marked "Tender for Accessories for High Content Confocal System (HCS) – Qty. 1 No."; Ref. No.NCB/E-163160/2017-2018 (N)"; and mailed to the Head-Purchase.** Offers delivered in person shall be deposited in the Tender Box kept in the office.
Due date for opening the bids: 07/03/2018 (14.30 hours).
- 1.12 Please return the tender papers including Conditions of Tender as well as the Annexures with your signature, rubber stamp and date affixed on each page.
- 1.13 All bids in response to this invitation of tender should be submitted in a manner and method specified above. Tender which do not comply with the above conditions are liable to be rejected.
- 1.14 Late and delayed tenders will not be considered. Therefore tenderers shall ensure that the tender reaches the Purchaser on or before the due date and time stipulated for receipt of bids.
TENDERS RECEIVED LATE OR AFTER THE DUE DATE WILL NOT BE CONSIDERED. NCBS RESERVES THE RIGHT TO ACCEPT, REJECT ANY OR ALL TENDERS WITHOUT ASSIGNING ANY REASONS THERE OF.
- 1.15 Individuals signing the bid form and other supporting documents must specify the capacity in which they sign, like -
 - a) Whether signing as a Sole Proprietor of the firm or his attorney.
 - b) Whether signing as a partner of the firm or his attorney
 - c) Whether signing for the firm as Agent.
 - d) Whether signing as Director of a Limited Company.

2. CATALOGUE/TECHNICAL LITERATURE

All necessary catalogue/drawing literature/data and details of item/s as are considered to be essential for full and correct evaluation of the bid shall invariably accompany the bid.



3. BID GUARANTEE / EARNEST MONEY DEPOSIT:-

Bid Guarantee amount details are as below:-

Sl. No.	Item Description	BGA/EMD Amount
1.	Accessories for High Content Confocal System (HCS)– Qty. 1 No.	Rs.3,70,000.00

The EMD/BGA shall be submitted by a DD (for outstation firms) or Banker's cheque (in case of local firm) from a Commercial Bank/ Foreign Bank (First class Bank) along with the bid, drawn in favour of "National Centre for Biological Sciences, Bangalore". Alternatively, the EMD amount may be submitted by way of Bank Guarantee from a Commercial Bank/ Foreign Bank (First class Bank) valid for 6 months (no other mode of payment will be accepted). The BGA amount will be forfeited if the successful bidder fails to accept the Letter of Intent/ Purchase order or withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender. The offers are liable to be rejected, at the discretion of the Centre, if they are not accompanied with BGA. No interest shall be payable by NCBS for BGA amount. The BGA shall be refunded to the unsuccessful bidders once the order is released on the successful bidder.

4. AUTHORITY OF AGENTS

In case where a bid is submitted by an Indian Agent on behalf of his foreign principal, such bid should be supported with a letter of Authority from the principal that the Indian Agent has been authorised to submit the bid on behalf of the principal. The indigenous manufacturers shall submit their bids directly.

5. PRICE

The Tenders to be quoted in foreign currencies – USD/Euro/JPY/GBP/SGD/CAD or INR or any other currencies approved/traded by RBI. The price/s quoted shall be firm till the complete execution of the order. All details relating to price, price breakup, inland transportation, documentation, taxes and duties, levies, Road/AIR/Marine freight charges, delivery terms (ex-works/F.O.R/F.O.B/C.I.F.) mode of payment, mode of Despatch, Insurance, Agency Commission, if any, should be clearly stated. For indicating the price, the tenderers may choose any/all of the following:

- a) Ex-works (all other charges to be indicated separately).
- b) F.O.R. site (i.e. Freight, Packing & Forwarding, loading on to the transport, documentation etc. included.) Internal transportation, Freight, Insurance, etc. to be shown separately.
- c) F.O.B (cost of goods, Packing & Forwarding, Inland Transportation, Documentation, etc. till the item is loaded on to the cargo carrier). Freight & Insurance charges to be separately indicated.
- d) C.I.P (cost of goods, packing & forwarding, documentation, freight, insurance, etc. all included). However, freight & insurance charges to be indicated separately. **INSURANCE TO BE COVERED TILL NCBS STORES.**



6. The taxes (State, Central, Turnover tax, Works Contract Tax, etc.). Please specify which are applicable. The duties and other levies, freight, insurance shall be stated clearly and separately. Also please mention whether the same is included in the price/s quoted.

7. VALIDITY OF BIDS

The bids should be valid for a period of 180 days from the date of opening of the Price bids. Bids with shorter validity period are liable for rejection.

8. DELIVERY

The tenderer should clearly mention the time required for supplying the item. The period of delivery will be counted (a) from the date of receipt of the order in case of Indian supplier and (b) from the date of opening of letter of credit/receipt of order (in the case of sight draft/advance draft) for foreign suppliers. The delivery date is the date at which the equipment should be delivered at NCBS.

9. PACKING

The item should be packed appropriately so that it can sustain transit hazards, multiple landing, warehousing, etc. during transit.

10. PLACE OF DELIVERY

In the case of items indigenously manufactured, ALL DELIVERIES shall be effected to the National Centre for Biological Sciences, GKVK, Bellary Road, Bangalore-560065, whereas the foreign suppliers shall effect delivery up to Bangalore Airport, India by AIR only unless otherwise specified.

11. GUARANTEE/WARRANTY

The item/s covered under this tender shall be subject to a guarantee for trouble free performance, workmanship, material etc., fulfilling the specifications mentioned in this tender for 24 months from the date of commissioning. If any defect is found in the material, workmanship or performance during the guarantee period the same may either be repaired/replaced by the supplier as the case may be free of charge. The guarantee period for replacement of parts or repair work shall be same as above. A guarantee certificate to this effect should be forwarded to us with your invoice. For order placed on foreign suppliers, the supplier shall specifically confirm that their Indian representatives, if any, will provide with after sales service and will attend to any repairs or technical problems that may arise.



12. PERFORMANCE B/G

The successful bidder shall have to execute a performance B/G in accordance with the guarantee/warranty for 10% value of the order. This B/G has to be executed on an appropriate value of stamp paper in terms of a bank guarantee drawn on any Nationalised Bank or first class Foreign Bank and shall remain valid till the completion of the Defect Liability period/warranty period, with **6 months** claim period.

13. TAXES AND DUTIES

The Centre shall deduct all taxes and duties, as applicable, from time to time from the bills payable.

14. PAYMENT TERMS

As per our Centre, 90% of the payment shall be made through Sight Draft (documents through bank) and balance 10% payable after installation, trial run and subject to acceptance by the group head through SAI and all other relevant documents, with Performance Bank Guarantee. All claims shall cease as per the Limitation Act.

15. CLARIFICATIONS

After opening the bids, if it becomes necessary for the purchaser to seek clarifications from the bidders, the same will be sought from the bidders. In such an event, the bidders will furnish all technical information / clarifications to the purchaser to reach on or before the due date fixed for that purpose indicating the Purchaser's tender reference. If the technical clarifications sought do not reach on or before the date date fixed, the bids shall be summarily rejected without any further notice.

16. RISK CLAUSE

Notwithstanding the other terms therein, the Centre at its option will be entitled to terminate the contract and to avail from elsewhere; at the risk and cost of contractor; either the whole of the contract or any part which the contractor has failed to perform within the time stipulated or if the same performance is not available, the best and the nearest available substitute thereof. The contractor shall be liable for any loss which the Centre may sustain by reason of such risk contract in addition to penalty.

17. DISPUTE AND RESOLUTION

Any dispute or differences between the parties that cannot be settled by mutual discussion at appropriate levels shall be referred to the sole arbitration of the Director, NCBS or his nominee and his decision in the matter shall be final and binding upon the parties to the dispute. The venue of arbitration proceedings shall be Bangalore. In respect of any matters pertaining to such arbitration, the courts of law in Bangalore will have exclusive jurisdiction.

18. OTHER TERMS

1. If electrical/ AC/ technical works contract, appropriate license defining the required expertise from the approved Licensing authority.
2. The Centre, will at its discretion ask for a solvency certificate from your bankers.

19. DEFINITION AND MEANINGS

In constructing these conditions, specifications, etc. in the tender document or the Annexures/Appendices the following words shall mean herein assigned definitions except where the subject context is otherwise stated.

PURCHASER :	Shall mean the National Centre for Biological Sciences.
BID/TENDER :	Shall mean the proposal/document that the BIDDER submits in the requested and specified form or otherwise along with Annexures, Appendices, etc.
BIDDER/TENDERER :	Shall mean the firm/party who quotes against an enquiry.
CONTRACTOR/SUPPLIER :	Shall mean the party to whom a Work Order/Purchase Order is awarded to undertake all or a part of the work covered by this tender document as well as and amendment orders relating to this tender issued by the Purchaser and shall include his/their legal representative, assignee/s or successor/s.
CONTRACT :	Shall mean and include the articles of agreement, Declaration form, the general and special conditions, the Annexures, the Schedule of Quantities & rates and the specifications attached hereto and the drawings, if any.
ORDER VALUE :	Shall mean total value of the Purchase Order/Work order issued against this tender item including taxes, levies, etc.

20. TECHNICAL SPECIFICATIONS

See Annexure – 'A'

21. For imported items, final price after totaling the prices of the individual items has to be mentioned with estimated freight, insurance, agency commission charges, etc. The price shall be FOR CIF BANGALORE AIRPORT.
22. NCBS reserves the right to split the quantities or reject one or more offers in full or part without any reasons. Therefore NCBS decision is final and binding.



23. The quantity mentioned in the tender may be decreased/increased while ordering. However, the price quoted should be firm irrespective of change in the quantity.

24. **ACCEPTANCE OF TENDERS**

NCBS does not pledge itself to accept the lowest/ any tenders and reserves to itself the right to accept the whole or part of the tenders or a part of the quantity offered.

25. The firm may quote in Foreign Currency for direct import on CIF basis as well as in Rupees on FOR NCBS basis for local supply. Please indicate insurance, freight and other charges separately for direct import.

26. Your Service Engineer should be fully trained to install the equipment and capable of maintaining the equipment during / after the warranty period.

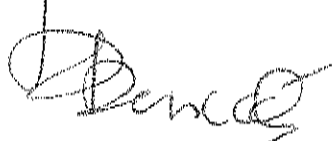
27. **LIQUIDATED DAMAGES:**

The successful bidder will have to agree that in case the item is not supplied within the agreed delivery schedule and after a grace period of seven days, then Liquidated Damages (not in terms of penalty) will be imposed automatically and be deducted from their bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.

Please enter unit price, Total Price and Grand Total in figures as well as words. Unit price and Total Price may be entered below each item.

Since NCBS is a Public funded Research Organisation, registered under Government of India Notification No.51/96 – Customs and 10/97 – for Central Excise is applicable for the items listed in the notification.

For and on behalf of
National Centre for Biological Sciences,



Head – Purchase

ANNEXURE A – SPECIFICATIONS

Specifications for the Accessories for the High Content Confocal System

Requirements	Essential Features
Objectives	<p>1. Air Objective 5x with an NA minimum 0.16, and a respective field of View at minimum 2583x2583 (µm).</p> <p>2. Air Objective 20x with an NA minimum 0.8, and a respective field of view at minimum 646x646 (µm).</p> <p>3. An Automated 63x objective with an High NA Minimum 1.15 and a field of View at minimum 205x205 (µm).</p> <p>All these objectives must be compatible with existing Opera Phenix HCS system and integrate with Harmony software from Perkin Elmer</p>
Robotic Handler stacker	<p>Plate with</p> <p>A Robotic plate handling arm with Gripper to keep plates to phenix for imaging and retrieve the plates after imaging from phenix to stacker. A two stacker system should be provided along with robotic arm. Plate stacker should hold 6,12,24,48,96,384,1536 well plates. Necessary software drivers to communicate effectively and efficiently between robotic plate handler and Harmony software of Opera Phenix for plate image acquisition must be included. Drivers to communicate between barcode reader K-biosystem-Chemeleon and existing cytomat incubator-Heroeus 2C15 with existing Harmony acquisition software should be included. Vibration resistant table of sufficient footprint to host the plate handler must be included.</p>
Imaging Software Licenses	<p>The analysis software must be able to run in a different system, independent of the microscope. A minimum of 5 License is required for each and every Software Package that is installed on the Equipment. Licenses of off-line analysis of the screens are necessary. The system should be capable of Generating per-cell data using the image-based cytometry capabilities for more accurate readouts from fixed and live cell assays, end-point assays or kinetic measurements over time. Run cell imaging at high speed and performance, considering a work load to minimize the load on the High content screening system with an advanced sCMOS camera for low signal-to-background noise, laser-based autofocus for fast set-up, and solid-state light sources for short illumination. 3 Licenses of Harmony for high content imaging software with machine learning algorithms. Should be capable of exporting corrected images for further analysis through independent third party software such as Image J, Cell profiler. The Licenses should be compatible with existing Harmony software of Opera Phenix.</p>
Scan plugin license	<p>Software with licenses and tokens to perform and accurately target the object of interest for significantly reduced acquisition and analysis times, particularly for use in 3D micro tissue and rare event studies. Minimum of one license should be provided. The License should be compatible with existing Harmony software of Opera Phenix.</p>
Cell Population Recognition Software	<p>Software should be capable to recognize different populations or image regions for easy cell classification and image segmentation. Four licenses should be provided and must be compatible with existing Harmony software of Opera Phenix.</p>



Requirements	Essential Features
Content Profiling software	<p>The software should be able to integrate solution within the environment and confirm results by viewing the original images with the below features:</p> <ul style="list-style-type: none"> • The software should directly import images or data from Harmony software • End-to-end analysis workflows for siRNA or compound screening • Easy integration of HCS data and images to all other major platforms • Automated inter and intra-plate normalization methods • Interactive quality control at plate, well, and feature levels to detect and eliminate problematic data • Intuitive real-time visual analytics to select, filter, and compare • Powerful data exploration through Hierarchical Clustering and 3D Principal Component Analysis visualization • Rich set of advanced statistical analysis tools should be provided • Wide variety of automated feature selection methods – Z-Prime, Z-Prime robust, t-score, MRMR, Ensemble based tree classifier • Validation with SAR analysis on the list of identified candidates and with qPCR analysis workflow for siRNA or genome screens. The software should be able to perform the selection of hits and nohits. To Eliminate subjectivity with a statistically driven approach. To Unravel complex and subtle phenotypic responses. Four licenses should be provided
Tibco Spot Fire	<p>Software compatible Harmony software of Opera Phenix and capable of performing pure ad-hoc analytics or author analytic applications and dashboards consumable. Five licenses should be provided.</p>
Data Management Software	<p>Software should be capable of Importing images from any major high content imaging instrument for a single solution for data storage and analysis, simplifying the workflow and increasing productivity. Software should be capable to Allow access, visualize and analyze the image data from anywhere, regardless of the client operating Platform and without software installation. It is to be able to Numerically express the differences between cell intensity, morphology and texture. Extract summary statistics for multiple wells or entire screens, and ensure highest quality results through determination of z' and reliable agonist/antagonist potency through generation of IC50 curves. Software capability should have inbuilt analysis algorithms that can be combined and optimized for specific applications such as:</p> <ul style="list-style-type: none"> • Object Counting – Identify and count individual objects • Object Intensity Analysis – measure intensities inside different regions in the objects • Population Analysis – Identify sub-populations of objects based on object properties • Region Detection – Detect regions of cells, tissues, etc. in the well (confluency) • Regional Intensity Analysis – Characterize regions, find sub regions. <p>Ten licenses of Data Management software should be provided. The data management software should be compatible to import or export images to software like Harmony, Image J or cell profiler.</p>
Computer	<p>Factory supplied PC should be provided that includes a relational image data base that is driven by a powerful Windows 7 64bit server configured with two Intel Xeon six-core processors, 16GB or more RAM, ~3TB usable storage space and visualized on a 30" TFT display, preferably with dual-split monitor.</p>

Requirements	Essential Features
Installation, On-site Training and AMC	Demonstrated capability of service and application support within India and outside. The site engineer should be placed in Bangalore, if not NCBS. Minimum 3 year AMC with unlimited break down calls and a qualified technician for successful installation and implementation on the site for one year. Should provide comprehensive training for 6-8 end users for four weeks on use of hardware and software aspect. Complete full time service support on the informatics and Training on software application is to be provided by the supplier
Warranty and Upgrades	A warranty for the supplied software's and hardware should be provided for minimum two year on the total Platforms.
Service and Support	The supplier should have direct Service & Application support to install and provide comprehensive onsite training to user's software and applications.
Compliance and Manuals	The supplier must submit compliance statement of specifications offered by the quoted software and model vis-à-vis technical specifications with the deviations clearly marked and mentioned towards its non-compliance. The vendor should supply the Maintenance and Service manuals in English
Requirements	Desirable Features
Objectives	These objectives should be compatible to the existing Phenix HCI Imager
Robotic Plate Handler with stacker	Plate stacker may have the capacity to hold minimum of 24 plates and maximum of 48 of plates. Compatibility with third party automation systems for extra platforms like barcode reader K-biosystem-Chemeleon, and cytomat incubator-Heroeus 2C15
Imaging Software Licenses	Machine learning capabilities to automatically differentiate different cell populations or regions of interest etc. The provided licenses should be compatible with existing Harmony software of Opera Phenix.
Scan plugin license	Plug-in license should have a new approach of scanning a sample where the instruments captured images driven by a previous object of interest should be recognized. Software should be capable of identification of region of interest in low resolution and acquisition in high resolution. The provided licenses should be compatible with existing Harmony software of Opera Phenix
Cell Population Recognition Software	Software should recognize different cell populations and regions using a simple learn-by-example approach. The provided software and licenses should be compatible with existing Harmony software of Opera Phenix
Data Management Software	Perform Analysis of images quickly and efficiently. Should come with advanced analysis tools to provide detailed descriptions of cellular phenotypes, enabling more robust and reproducible classification. The data management software should be compatible to import or export images to software like Harmony, Image J or cell profiler.
Installation, ON-SITE TRAINING AND AMC	Installation to be done by factory engineer
Warranty and Upgrades	Patch software's and upgrades should be also be provided FOC during warranty period

Requirements	Optional Features
Objectives	63X objective can be water medium
Robotic Plate Handler with stacker	Robotic arm should have smaller foot print and should be in capacity to work in parallel or tendem with Opera Phenix, Barcode reader and cytomat in both hardware and software wise
Imaging Software Licenses	The Licenses should be compatible with existing Harmony software

INFORMATION TO TENDERERS

The Tender shall be evaluated under 2 (Two) Bid System

- I. Technical Bid
- II. Financial Bid

Technical Evaluation shall comprise of

TECHNICAL EVALUATION CRITERIA WITH MARKS		
SI No.	Essential Features	Max Marks
1	Objectives	10
2	Robotic Plate Handler with stacker	10
3	Imaging Software Licenses	6
4	Scan plugin license	5
5	Cell Population Recognition Software	5
6	Content Profiling software	5
7	Tibco Spot Fire	4
8	Data Management Software	10
9	COMPUTER	3
10	Installation, ON-SITE TRAINING AND AMC	5
11	Warranty and Upgrades	4
12	Service and Support	4
13	Compliance and Manuals	4
	Desirable Features	
1	Objectives	3
2	Robotic Plate Handler with stacker	3
3	Imaging Software Licenses	3
4	Scan plugin licence	2.5
5	Cell Population Recognition Software	2.5
6	Data Management Software	3
7	Installation, ON-SITE TRAINING AND AMC	2
8	Warranty and Upgrades	1
	Optional Features	
1	Objectives	2
2	Robotic Plate Handler with stacker	2
3	Imaging Software Licenses	1
	TOTAL	100
Vendors should score minimum 70% in Essential Features and Minimum 10% in Desirable Features & overall 80% to qualify for Price bid opening		
A combined evaluation will be carried out and those Vendors who score minimum 80% & above will qualify for Price Bid opening. Thereafter, Financial proposal shall be evaluated. The Commercially LOWEST BIDDER shall be the first preferred Vendor for award of Order.		



ANNEXURE – B

SCHEDULE OF EXPERIENCE

Please furnish list of major supplies/works undertaken in relevant to this tender during the past two years.

Sl. No.	Name of the company with full address	Name of project	Purchase Order No. & date	Brief description	Value (Rs.)
Signature					
Name					
Designation					
Name of company					
Date					
Seal of the company					

ANNEXURE - C

SCHEDULE OF DEVIATION FROM SPECIFICATIONS/CONDITIONS

All deviations from the specifications/conditions shall be filled in by the bidder in this schedule.

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The bidder hereby certifies that the above mentioned are the only deviations from Technical Specification of this tender. [State NIL if no deviation is envisaged].

Signature	
Name	
Designation	
Name of the company	
Date	
Seal of the company	



COVER – II PRICE BID

Accessories for High Content Confocal System (HCS) – Qty. 1 No.

Sl. No.	Item Description	Qty	Unit Price	Total Price

Please enter Unit Price, Total Price and Grand Total in figures as well as words. Unit price and Total Price may be entered below each item.



