

Ref: INS/F-5540/2021-2022(Y)

Date : 12/01/2022

### GLOBAL TENDER ENQUIRY

Dear Sirs,

Please let us have your lowest Quote/Proforma Invoice indicating cost including packing insurance, estimated airfreight charges, handling charges, etc. CIF/CIP upto inStem Stores for the following materials.

Sl.No	Cat.No	Item Description	Make/Model	Item Qty	UOM
1		Microscope Camera (specification attached)	-	1.00	No.

**Remarks:**

Please also indicate specifically the following :

1. The bids / quotation addressed to **"THE HEAD-PURCHASE"** with Tender / Enquiry Ref No and Item Description should reach us before submission Date and Time. The bids / quotation are liable to be rejected, if not addressed to **"THE HEAD-PURCHASE"**.
  2. **EXIM CODE -8 digit customs tariff Number -HSN (Harmonised System Nomenclature)**
  3. Country of origin
  4. Place of Shipment
  5. Name, address, telephone number and fax numbers of your bankers.
  6. Your Account number and swift number with the bank(required for payment purposes if the order materialises on your firm).
  7. **Please Indicate freight and insurance charges seperately.**
  8. Please Indicate the Warranty Period and Delivery Period.
  9. Kindly expedite sending your Quote/Proforma Invoice/Invoice by courier so as to reach us latest by **15/02/2022 till 2.00 p.m.**
- Important Note**
10. Shipping by AIRFREIGHT ONLY-CARGO MODE
  11. Port of Entry for Customs clearance is -BANGALORE
  12. Please use International Freights which arrive directly into Bangalore. Ex.Lufthansa Airlines Cargo, Singapore Airlines Cargo.

13. **Payment Term: 90% against delivery; balance 10% on installation subject to receipt of PBG for 3% order value. The percentage of PBG will be determined based on the prevailing rules as of date of finalization of the tender.**

Date : 12/01/2022

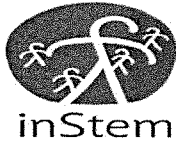
15. Since we are a public funded research institution, we are exempted from paying Customs Duty (Except advalorem duty of 5% + 2% cess and 1% Cess Sec & High Edu. CESS vide Notification No.51/96 Customs dt: 23.07.1996, Notfn No. 28/2003- custom dt: 01.03.2003, Notfn .No. 43/2017-Customs dt: 30.06.2017 & Notfn No. 47/2017- Integrated Tax (Rate) dt. 14.11.2017, Notfn No. 10/2018-Integrated Tax (Rate) dt. 25.01.2018 and Notfn No. 45/2017-Cental Tax (Rate) dt. 14.11.2017, Notfn No. 45/2017- Union Territory Tax (Rate) dt. 14.11.2017 & Notfn No. 9/2018- Central Tax (Rate) dt. 25.01.2018, as amended from time to time for research purposes only. This Registration is subject to terms and conditions mentioned overleaf. This registration is valid up to 31.08.2025).

For and on behalf of Institute For Stem Cell  
Science and Regenerative Medicine

Yes ☒ No ☐

Email Id: [purchase@ncbs.res.in](mailto:purchase@ncbs.res.in) [www.ncbs.res.in](http://www.ncbs.res.in)

जैव प्रौद्योगिकी विभाग, भारत सरकार के अधीन स्थापित संस्थान  
(AI under Department of Biotechnology, Govt. of India)  
जीकेवीके पोस्ट, बेल्लारी रोड / GKVK Post, Bellary Road.  
बेंगलूरु - ५६००६५ / Bengaluru - 560065

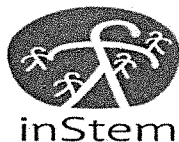


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**Terms and Conditions:**

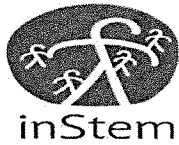
1. The Technical and Financial / Price Bids shall be submitted simultaneously in two (2) cover (sealed) system. The proposals shall be evaluated in two stages: (1) Technical and (2) Price / Financial. Technical evaluation will be carried out and technically qualified vendors will qualify for Price Bid opening. Thereafter, Financial Proposal shall be evaluated. The Commercially LOWEST BIDDER shall be the first preferred Vendor for award of Order.
2. **first sealed cover – Cover I**, and super scribed as **“Technical Bid”** and should contain Complete Technical details of the Instrument offered (Specifications, Technical Parameters, Advantages, etc.,)
3. The **second sealed cover – Cover II** super scribed **‘Price Bid’** should contain **only rates** (should be duly signed with seal and filled with date wherever necessary)
4. THESE TWO COVERS SHALL BE AGAIN PUT INTO A SINGLE WAX SEALED COVER super scribed **“Microscope Camera Qty-01.”** and should reach INSTEM on or before **15/02/2022 before 02.00 P.M**. This should be addressed to the Purchase Officer, inStem, NCBS campus, GKVK Post, Bellary Road, Bangalore – 65.
5. **Original Equipment Manufacturer or Authorised Dealers should provide Authorized Distribution Certificate along with the Quotation.**
6. Quotations must be submitted giving complete details using enclosed tender papers.
7. **The rates quoted should remain valid for a period of 60 days from the date of Price Bid opening.**
8. 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.
9. Bids containing erasures or alterations are liable to be rejected unless countersigned by the Authorised signatory.
10. 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.
11. 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.
12. 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.
13. 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.
14. All bids in response to this invitation of tender should be submitted in a manner and method specified. Tender which do not comply with the above conditions are liable to be rejected.
15. 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. INSTEM RESERVES THE RIGHT TO ACCEPT, REJECT ANY OR ALL TENDERS WITHOUT ASSIGNING ANY REASONS THERE OF.**



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16. Individuals signing the bid form and other supporting documents must specify the capacity in which they sign, like -
- Whether signing as a Sole Proprietor of the firm or his attorney.
  - Whether signing as a partner of the firm or his attorney
  - Whether signing for the firm as Agent.
  - Whether signing as Director of a Limited Company.
17. 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.
18. 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.
19. PRICE  
**The tender to be quoted in foreign currencies & any other currencies approved/traded by RBI-USD/Euro/JPY/GBP/SGD/CAD/INR.** 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/CIP) mode of payment, mode of Dispatch, Insurance, Agency Commission, if any, should be clearly stated. For indicating the price, the tenderers may choose any/all of the following:
- Ex-works (all other charges to be indicated separately).
  - 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.
  - 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.
  - CIP (cost of goods, packing & forwarding, documentation, freight, insurance, etc. all included). However, freight & insurance charges to be indicated separately.
- INSURANCE TO BE COVERED TILL inStem STORES.**
20. VALIDITY OF BIDS  
**The bids should be valid for a period of 60 days from the date of opening of the Price bids. Bids with shorter validity period are liable for rejection.**
21. 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 INSTEM.
22. PACKING  
The item should be packed appropriately so that it can sustain transit hazards, multiple landing, warehousing, etc. during transit.
23. PLACE OF DELIVERY  
In the case of items indigenously manufactured, ALL DELIVERIES shall be effected to the Institute for Stem Cell Science and Regenerative Medicine, GKVK, Bellary Road, Bangalore-560065, whereas the foreign suppliers shall effect delivery up to Bangalore Airport, India by AIR only unless otherwise specified.



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24. 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 min. **36 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.

25. PERFORMANCE B/G

The successful bidder shall have to execute a performance B/G in accordance with the guarantee/warranty for 3% 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 Nationalized 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.

26. TAXES AND DUTIES

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

27. PAYMENT TERMS

Payment Term: 90% against delivery; balance 10% on installation subject to receipt of PBG for 3% order value. The percentage of PBG will be determined based on the prevailing rules as of date of finalization of the tender.

28. 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 fixed, the bids shall be summarily rejected without any further notice.

29. 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.

30. 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, INSTEM 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. This Arbitration Agreement (hereinafter referred to as this "Agreement") relating to this Contract (hereinafter called the "Main Agreement" for this agreement) is made under the provisions of The Arbitration and Conciliation Act, 1996 as amended from time to time and the rules thereunder (hereinafter called The Arbitration Act).

31. For imported items, final price after totaling the prices of the individual items has to be mentioned with estimated freight, insurance, etc. The price shall be  
FOR CIF/CIP BANGALORE AIRPORT.

32. INSTEM reserves the right to split the quantities or reject one or more offers in full or part without any reasons. Therefore, INSTEM decision is final and binding.



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33. 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.
34. **ACCEPTANCE OF TENDERS**  
INSTEM 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.
35. The firm may quote in Foreign Currency for direct import on CIF/CIP basis as well as in Rupees on FOR INSTEM basis for local supply. Please indicate insurance, freight and other charges separately for direct import.
36. Your Service Engineer should be fully trained to install the equipment and capable of maintaining the equipment during / after the warranty period.

**37. 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.

Since INSTEM 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.

**38. Eligibility for Participation: -**

(i) Indigenous manufacturers and their authorized dealers are eligible and they will be considered as Local Supplier Class – I/II for price preference as per GOI Notification vide **OM bearing No.F-45021/2/2017-PP(BE-II) dated 04<sup>th</sup> June, 2020 and again on 16<sup>th</sup> September 2020 issued by Department of Industry and Internal Trade (Public Procurement Section), Ministry of Commerce & Industry, Govt. of India.**

(ii) In pursuant of the clarification vide GOI Notification vide OM bearing No.P-45021/102/2019-PP(BE-II) (E-29930) dated 26.11.2020 issued by Public Procurement Section, Department of Promotion of Industry and Internal Trade, Ministry of Commerce and Industry, GOI that **bidders offering imported products will fall under the category of Non-Local Suppliers** and they can't claim themselves as Class – I Local Supplier / Class – II Local Supplier by claiming profit, warehousing, marketing, logistic, freight etc., as Local Value addition.

(iii) Since it is Global Tender Enquiry (GTE) thus non supplier in terms of GOI Notification vide **OM bearing No.F-45021/2/2017-PP(BE-II) dated 04<sup>th</sup> June, 2020 and again on 16<sup>th</sup> September 2020 issued by Department of Industry and Internal Trade (Public Procurement Section), Ministry of Commerce & Industry, Govt. of India are also eligible for participation in the tender.**

(iv) **In pursuant of the OM bearing No.F.N.6/18/2019-PPD dated 23.07.2020 issued by Public Procurement Div., Department of Expenditure, Ministry of Finance, Govt. of India the manufacturer/supplier are not eligible for participation if they are from such country which shares the land border with India. Offered items manufactured in such countries will not be considered.**

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.

**39. 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 Institute for Stem Cell Science and Regenerative Medicine.



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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 this tender document as well as an 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.

**40. FORCE MAJEURE CLAUSE:**

a) Force Majeure means an event beyond the control of the supplier and not involving the supplier's fault or negligence and which is not foreseeable. Such events may include, but are not restricted to the acts of the purchaser either in its sovereign or contractual capacity, wars or revolution, hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lock-outs, and freight embargoes. However, it should not be used by a party to effectively to escape liability for bad performance.

If there is delay in performance or other failures by the supplier to perform its obligation under its contract due to event of a Force Majeure, the supplier shall not be held responsible for such delays/failures.

If a force majeure situation arises, the supplier shall promptly notify the purchaser in writing of such conditions and the cause thereof within 21 days of occurrence of such event with reasonable evidence thereof. Unless otherwise directed by the purchaser in writing, the supplier shall continue to perform its obligations under the contract as far as reasonably practical, and shall seek all reasonable alternative means of performance not prevented by the force majeure event.

If the performance in whole or in part or any obligation under this contract is prevented or delayed by any reason of force majeure for a period exceeding 90 days, either party may at it option terminate the contract without any financial repercussion on either side.

b) There may be a Force Majeure situation affecting the institute only, under which the institute shall have equal rights to claim relief under such Force Majeure situations.

Yours faithfully,  
For and on behalf of Institute for  
stem cell Science and Regenerative Medicine,

श्रीनाथ बी.ए. / Sreenath B. A

प्रशासनिक अधिकारी - क्रय / Administrative Officer – Purchase

Purchase Officer

स्तेम कोशिका विज्ञान और पुनर्गोष्ठि औषधि संस्थान

Institute for Stem Cell Science and Regenerative

Medicine (inStem)

GKVK Post, Bellary Road, Bangalore 560 065, India

Phone +91-80-23666341 /344/345/346

purchase@instem.res.in . www.instem.res.in

जैव प्रौद्योगिकी विभाग, भारत सरकार के अधीन स्वायत्त संस्थान  
Under Department of Biotechnology, Govt. of India)

जैविकी के पोस्ट, बेल्लारी रोड / GKVK Post, Bellary Road.

बेंगलुरु - ५६००६५ / Bengaluru - 560065



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As per O.M No. F.No.6/18/2019-PPD, dt.23/07/2020, the following condition to be fulfilled and the bidder to submit the following declaration on their Letter head.

**I. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is Registered with the Competent Authority.**

**II. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.**

**III. "Bidder from a country which shares a land border with India" for the purpose of this Order means:-**

- a. An entity incorporated, established or registered in such a country; or**
- b. A Subsidiary of an entity incorporated, established or registered in such a country; or**
- c. An entity substantially controlled through entities incorporated, established or registered in such a country; or**
- d. An entity whose beneficial owner is situated in such a country; or**
- e. An Indian (or other) agent of such an entity; or**
- f. A natural person who is a citizen of such a country; or**
- g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.**





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**Bid Security Declaration for Order Value > Rs.5 Lakh**  
**(to be submitted on Company's Letter Head)**

I/We the undersigned hereby declare that if we withdraw or modify the bids during the period of its validity, or if we are awarded the contract and fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document or fail to execute the contract, we will be suspended for the period of time specified in the request for bids document from being eligible to submit bids for contracts with the entity that invited the bids.

Name and Signature  
of Authorized Signatory  
and Company Seal



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**Declaration of Compliance of Order (Public Procurement No.1, 2 & 3) dtd 23-Jul-2020 & 24 Jul 2020 on Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017**

This declaration must form part of all tenders & it contains general information and serves as a declaration form for all bidders. (Before completing this declaration, bidders must study the General conditions. Definitions, Govt Directives applicable in respect of Public Procurement No.1, 2 & 3) dtd 23 Jul 2020 & 24 Jul 2020 on Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 & prescribed tender conditions).

**DECLARATION BY AUTHORISED SIGNATORY OF THE FIRM**

I, the undersigned, ..... (full names), do hereby declare, in my capacity  
as ..... of  
M/s. .... (name of bidder entity), that:

- 1) The facts contained herein are within my own personal knowledge.
- 2) I have read the Order (Public Procurement No.1, 2 & 3) dtd 23 Jul 2020 & 24 Jul 2020 on the subject of Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 regarding restrictions on procurement from a bidder of a country which shares a land border with India and comply to all the provisions of the Order.
- 3) I certify that M/s. .... (name of bidder entity) **is not from such a country or, is from such a country (strike out whichever is not applicable)**, has been registered with the Competent Authority. I hereby certify that the SUPPLIER fulfills all requirements in this regard and is eligible to be considered. (Where applicable, evidence of valid registration by the Competent Authority is attached).
- 4) I understand that the submission of incorrect data and / or if certificate / declaration given by M/s. .... (name of bidder entity) is found to be false, this would be a ground for immediate termination and further legal action in accordance with law as per clause 12 of the Public Order on Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017.

**AUTHORISED SIGNATURE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**Seal / Stamp of Bidder**



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**ANNEXURE-A-SPECIFICATIONS**

**Microscope Camera -Qty 01 No.**

Si. No	Technical Specifications
1	Image acquisition: Cell (pixel) Size ( $\mu\text{m}^2$ ) 6.5 Pixel Array (horizontal by vertical) 2048 x 2048 Effective Area (horizontal by vertical in mm) 13.312 x 13.312 Readout Noise (Nr) median in electrons slow scan 0.8 @ 30 fps Readout Noise (Nr) rms in electrons slow scan: Readout 1.4 @ 30 fps Noise (Nr) median in electrons standard scan: Readout 1.0 @ 40 fps Noise (Nr) rms in electrons standard scan 1.6 @ 40 fps Maximum Full Resolution Frame Rate (fps) 40
2	Current: Dark Current (electrons/pixel/s) – Air Cooled to $-10^\circ\text{C}$ Dark 0.06 Current (electrons/pixel/s) – Water Cooled to $-10^\circ\text{C}$ Dark 0.06 Current (electrons/pixel/s) – Water Cooled to $-30^\circ\text{C}$ Full 0.006. Well Capacity in electrons 30000
3	Output: Digital Outputs (with programmable LUT) 16, 12, 8 bits Readout Modes: Normal Area, Lightsheet, W-VIEW Mode, Dual Lightsheet Binning: 2x2/4x4 Master Pulse Generator (Pulse Modes): Internal Sync, Start Trigger, Burst Master Pulse Generator (Pulse Interval in $1\ \mu\text{s}$ increments): 10 $\mu\text{s}$ to 10 s Hot Pixel Correction: Off, Low, Medium, High Dark Signal Non-Uniformity (DSNU): 0.3 e- rms Photo Response Non-Uniformity (PRNU) at half level of full light range (15,000 electrons): 0.06 % rms Photo Response Non-Uniformity (PRNU) at low light level (700 electrons): 0.3 e- rms Linearity error, full light range (EMVA 1288 standard): 0.5% Linearity error, low light range (< 500 electrons signal): 0.2 %/Less than approx. 1
4	Software and Connectivity: On-Camera Connectivity: Both USB 3.0 and Camera link V2 Compatibility Mode (for use with legacy software): Yes Lens Mount: C-Mount



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**INFORMATION TO TENDERERS**

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

- I Technical Bid**
- II Financial Bid**

**TECHNICAL SPECIFICATIONS FOR 2 PART TENDER FOR “Microscope Camera 01 No”.**

Si. No	Technical Specifications
1	Image acquisition: Cell (pixel) Size ( $\mu\text{m}^2$ ) 6.5 Pixel Array (horizontal by vertical) 2048 x 2048 Effective Area (horizontal by vertical in mm) 13.312 x 13.312 Readout Noise (Nr) median in electrons slow scan 0.8 @ 30 fps Readout Noise (Nr) rms in electrons slow scan: Readout 1.4 @ 30 fps Noise (Nr) median in electrons standard scan: Readout 1.0 @ 40 fps Noise (Nr) rms in electrons standard scan 1.6 @ 40 fps Maximum Full Resolution Frame Rate (fps) 40
2	Current: Dark Current (electrons/pixel/s) – Air Cooled to $-10^\circ\text{C}$ Dark 0.06 Current (electrons/pixel/s) – Water Cooled to $-10^\circ\text{C}$ Dark 0.06 Current (electrons/pixel/s) – Water Cooled to $-30^\circ\text{C}$ Full 0.006. Well Capacity in electrons 30000
3	Output: Digital Outputs (with programmable LUT) 16, 12, 8 bits Readout Modes: Normal Area, Lightsheet, W-VIEW Mode, Dual Lightsheet Binning: 2x2/4x4 Master Pulse Generator (Pulse Modes): Internal Sync, Start Trigger, Burst Master Pulse Generator (Pulse Interval in $1\ \mu\text{s}$ increments): 10 $\mu\text{s}$ to 10 s Hot Pixel Correction: Off, Low, Medium, High Dark Signal Non-Uniformity (DSNU): 0.3 e- rms Photo Response Non-Uniformity (PRNU) at half level of full light range (15,000 electrons): 0.06 % rms Photo Response Non-Uniformity (PRNU) at low light level (700 electrons): 0.3 e- rms Linearity error, full light range (EMVA 1288 standard): 0.5% Linearity error, low light range (< 500 electrons signal): 0.2 %/Less than approx. 1
4	Software and Connectivity: On-Camera Connectivity: Both USB 3.0 and Camera link V2 Compatibility Mode (for use with legacy software): Yes Lens Mount: C-Mount



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**COVER – II PRICE BID**

**Microscope Camera -Qty 01 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.