

**बिड दस्तावेज़ / Bid Document**

बिड विवरण / Bid Details	
बिड बंद होने की तारीख/समय / Bid End Date/Time	01-07-2025 10:00:00
बिड खुलने की तारीख/समय / Bid Opening Date/Time	01-07-2025 10:30:00
बिड पेशकश वैधता (बंद होने की तारीख से) / Bid Offer Validity (From End Date)	90 (Days)
मंत्रालय/राज्य का नाम / Ministry/State Name	Ministry Of Agriculture And Farmers Welfare
विभाग का नाम / Department Name	Department Of Agricultural Research And Education (dare)
संगठन का नाम / Organisation Name	Indian Council Of Agricultural Research (icar)
कार्यालय का नाम / Office Name	National Research Centre On Equines Hisar
क्रेता ईमेल / Buyer Email	buycon264.icari.hr@gembuyer.in
कुल मात्रा / Total Quantity	1
वस्तु श्रेणी / Item Category	Semen Photometer dilutor and accuread
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	Semen Photometer dilutor and accuread
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Flame Photometer, Frozen Semen Thawing System
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> <li>Flame Photometer (FSSAI)</li> <li>Frozen semen straw</li> <li>Frozen Semen Thawing System</li> </ul>
वर्षों के अनुभव एवं टर्नओवर से एमएसई को छूट प्राप्त है / MSE Exemption for Years Of Experience and Turnover	Yes
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है / Startup Exemption for Years Of Experience and Turnover	Yes
विक्रेता से मांगे गए दस्तावेज़ / Document required from seller	<p>Experience Criteria, Certificate (Requested in ATC), OEM Authorization Certificate</p> <p>*In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer</p>

बिड विवरण/Bid Details	
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
बिड का प्रकार/Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	2 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/Arbitration Clause	No
सुलह खंड/Mediation Clause	No

#### ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No
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#### ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	State Bank of India
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	3.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	14

(a). ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

#### लाभार्थी /Beneficiary :

Director  
National Research Centre on Equines Hisar, Department of Agricultural Research and Education (DARE), Indian Council of Agricultural Research (ICAR), Ministry of Agriculture and Farmers Welfare  
(T.k Bhattachariya)

#### विभाजन/Splitting

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

#### एमआईआई खरीद वरीयता/MII Purchase Preference

एमआईआई खरीद वरीयता/MII Purchase Preference	Yes
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#### एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder shall be exempted from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking exemption from Experience Criteria, shall upload the supporting documents to prove his eligibility for exemption.
2. If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder shall be exempted from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover, shall upload the supporting documents to prove his eligibility for exemption.
3. If the bidder is a DPIIT registered Startup, the bidder shall be exempted from the the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking exemption from Experience Criteria, shall upload the supporting documents to prove his eligibility for exemption.
4. If the bidder is a DPIIT registered Startup, the bidder shall be exempted from the the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover shall upload the supporting documents to prove his eligibility for exemption.
5. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.  
[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.
6. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for

compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

7. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

### **Semen Photometer Dilutor And Accuread ( 1 set )**

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

#### **तकनीकी विशिष्टियाँ /Technical Specifications**

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	<a href="#">Download</a>
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#### **परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity**

क्र.सं./S.N o.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Mahender Singh	334001, Equine Production Campus, ICAR-NRCE, Post Box No.80, Jorbeer, Shivbari, Bikaner	1	45

#### **क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions**

##### **1. Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

#### **अस्वीकरण/Disclaimer**

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum

issued by DPIIT in this regard.

2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

**All GeM Sellers / Service Providers are mandated to ensure compliance with all the applicable laws / acts / rules including but not limited to all Labour Laws such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972 etc. Any non-compliance will be treated as breach of contract and Buyer may take suitable actions as per GeM Contract.**

[यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions](#)

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।/In terms

of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, 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. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---

**ICAR-NATIONAL RESEARCH CENTRE ON EQUINES**

**SIRSA ROAD HISAR – 125 001**

F. No.:10-432/S&P/24-25

Dated 10.06.2025

**Terms and Conditions for submission of online bids/tenders for Semen Photometer dilutor and accuread as per Specifications attached in Annexure-I**

1. Interested eligible bidders are requested to submit their bids through GeM portal along with all necessary documents, as per the specifications and terms and conditions of bid document. The bid can be uploaded/ submitted as per dates of GeM portal.
2. Bid Security:- A Bid security declaration should be furnished by all the bidders (on company letter pad), if otherwise not exempted, stating that if I/We withdraw or modify the bid(s) during the period of validity or if they are awarded the contract and they fail to sign the contract or to submit a performance security before the deadline defined in the request for bids document, they will be suspended for the period of two year to submit bids with this office in future.
3. The Director, NRCE, Hisar reserves the right to accept or reject all or any of the bid in part or full without assigning any reason.

Sr. No.	Particulars/ Name of Equipment	Quantity
1.	<b><u>Semen Photometer dilutor and accuread</u></b>	<b>1</b>

4. The delivery of goods/equipment shall be F.O.R. **EPC, Bikaner**. The firm should clearly mention the delivery period, which normally should not be more than 45 days from the date of issue of order contract.
5. Bid should be inclusive of all packing and other forwarding expenses, freight insurance charges. The firms should give the rates of items per unit also. The prices quoted shall remain firm & fixed during their currency of the contract. The rates and prices quoted shall be in Indian rupees only. All duties, taxes etc. payable should be included in the quoted prices.
6. Complete descriptions, specifications and make of all the goods/items quoted should be given. Printed literature/pamphlets should be sent with the bid, failing which the same may not be considered.
7. The purchaser will evaluate and compare the bid which are substantially responsive i.e. which are properly prepared and signed and meet the required terms and conditions, specifications etc. The purchaser will award the contract to the supplier whose quotation will be determined to be responsive and offers the best evaluated price.
8. Successful quoter/bidder has to deposit 3% amount of the total cost of the equipment as Performance Security money in the form of DD/BG/FDR in favor of ICAR UNIT NRCE, Hisar etc.
9. The payment of goods is to be made on completion of satisfactory supply and installation. The supplier will have to send supply challans and delivery notes along with the supply and bill in triplicate indicating clearly the purchase Order No. date and other details of supply.

- I. Bid shall remain valid for acceptance for a period as indicated on GeM portal.

- II. The firms on whom the supply order is placed within the period of acceptance of the offer will be required to execute the supply within a specified period from the date of issue of the supply order. If the supplier fails to delivery any or all of goods, the purchaser shall have the right to make deductions as per liquidated damages clause. A sum equivalent to 0.5% of the delivery price of the delayed goods for each week of delay may be deducted. The maximum limit of such deduction will be of 10% of contract price. Once the maximum is reached, the purchaser will consider termination of the contract automatically.
10. A supplier shall not submit more than one bid for the same goods/services. The authorized firm/ dealer should submit bid along-with authorization letter from manufacturer firm, otherwise bid will not be entertained and rejected straightway.
11. The firm should invariably mention the registration No. of firm, GST No. etc., failing which quotation may not be considered.
12. An undertaking should be submitted along with bid to the effect that the firm has not been blacklisted/ debarred by any Govt. department/ Public sector undertaking during last 3 years.
13. All the disputes/litigation, if any is subject to Hisar jurisdiction only.
14. You are also requested to return this original tender enquiry (all the pages) at it is, duly signed on every page. Dealer may submit the authorization letter otherwise bid will be rejected.

Yours faithfully

s/d  
Assistant Administration Officer (P)

**TENDER ACCEPTANCE LETTER**

(To be given on Company Letter Head)

Date:

To,

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: \_\_\_\_\_

Name of Tender/Work:- \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sir,

1. I/ We have downloaded/ obtained the tender document(s) for the above mentioned 'Tender/Work' from the website(s) namely:-

\_\_\_\_\_  
As per your advertisement, given in the above mentioned website(s)

2. I/ We hereby certify that I/ We have read the entire terms and conditions of the tender documents including all documents like annexure(s), schedule(s), etc., which form part of the contract agreement and I/ we shall abide hereby the terms/conditions/ clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organization too has also been taken into consideration, while submitting this acceptance letter.
4. I/ We hereby unconditionally accept the tender conditions of above mentioned tender document(s)/ corrigendum(s) in its totality/ entirety.
5. I/ We do hereby declare that our firm has not been blacklisted/ debarred by any Govt. Department/ Public sector undertaking during last three year.
6. I/ We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/ untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.
7. I/ We hereby undertake to declare that if I/We withdraw or modify the bid(s) during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document, they will be suspended for the period of two year to submit bids with this office.

Yours Faithfully

(Signature of the bidder, with official seal)



**ORIGINAL EQUIPMENT MANUFACTURER (OEM)  
MANUFACTURER'S AUTHORIZATION LETTER**

Date: \_\_\_\_\_

To

The Director,  
ICAR-National Research Centre on Equines  
Hisar (Haryana)

Sub : OEM Authorization Certificate for GEM Bid No. \_\_\_\_\_

Dear Sir,

We the original manufacturer of \_\_\_\_\_ (name of equipment) at

\_\_\_\_\_ (address of factory)

do hereby authorize M/s \_\_\_\_\_ (Name of authorized firm) to submit a bid, negotiate and receive the order from you against your tender enquiry/GeM Bid No. \_\_\_\_\_

No company or firm or individual other than M/s \_\_\_\_\_

(name with complete address and phone number) is authorized to bid, and conclude the contract on our behalf against the above bid.

We hereby confirm the genuineness of the product being offered by the above authorized firm on our behalf. We also take the responsibility of warranty obligation being offered by the above authorized firm on our behalf.

We hereby extend our full guarantee for supplying of genuine product, its warranty and after sale service against the above bid.

We are aware that either the manufacturer or its authorized dealer can be considered as valid bidders and in case where the manufacturer has submitted the bid, the bid of its authorized dealer will not be considered.

Yours faithfully,

Signature of authorized signatory

**Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer. It should be included by the Bidder in its techno-commercial unpriced bid.**

## **Scope of work**

### **Semen Photometer dilutor and accurate**

Photometer with diluter and printer is required to determine the density/ Concentration of equine Semen. The equipment should be pre calibrated/ Standardized for the calculation of Dilution rate and number of doses to be prepared can be immediately ascertained and a printable record can be maintained for future use. The equipment offered conform to the the following technical

#### **Specifications:**

- Factory Pre-Calibrated with Quadratic Equation, Equipped with didymium filter and self calibrate its wavelength each time it is turned on.
- Should perform an auto test of all optics and electronics upon each boot up sequence with systematic printout with date and time
- Waterproof Keyboard resistant to aggressive compound and products.
- Permanent real time display of absorbance and wavelength
- Concentration & Simultaneous display of concentration and absorption.
- Concentration Calculation - Absorption, concentration, extender volume to be added and number of doses to be prepared should be calculated, displayed and printed with sample number, date & time
- Photometer should perform minimum 20 readings per sample and calculate the average result.
- The result should be expressed according to a second-degree regression curve, making the concentration readings more accurate in comparison to a first-degree equation, which has the tendency to underestimate low concentrations and over estimate high concentrations.
- Provision of use of calibrated filters to test the repeatability of the unit. Mean, Average, and variance of 4 measurements should be calculated for each filter.
- Should have integrated program, which calculates & displays required volume of extender to be added and the number of straws that can be produced per ejaculate (for medium or mini straws) according to the concentration of spermatozoa you want in each straw
- Should have an option to take print results with Sample Number, Date & time
- Photometer should have also equipped with a RS232 interface for use of thermal printer or be connected with computer
- Should be compatible to Software for Management Integrated Laboratory Environment System (SMILE/eSMILE) and SSMS (Semen Station Monitoring System) .
- Memory -Minimum 50 Performance test memories
- Band Pass - <10 nm (Nanometer)
- Accuracy-+1.5 nm
- Repeatability -t 1 nm
- Photometric range -400 to 700 nm
- Power Supply-Adaptable to use 230-250V/50Hz AC power supply
- The Dilutor should be capable of creating more than 20 adapted and personalized programs.
- The diluter should be supplied with precision liquid processor for diluting, dispensing of liquid sample with high performances, making it accurate and reliable

- Should be with single/dual Syringe and to be able to dispense Diluent and semen with the same.
- The diluter should be able to perform accurate and precise liquid handling and automatic dilutions, up to 1/250000 and also able to dispense up to 50ml per cycle.
- Easy tubing installation, easy cleaning system by an adapted program.
- Should be with arm/adaptor for easy dispense liquid.
- Should be with Foot Switch for easy / convenient and hands-free use.

#### **SYRINGE PUMP SPECIFICATION**

- Accuracy : +/- 1%
- Precision : +/- 0.2%
- Power Rating : 24 VDC, 2.5A
- Dimensions : 7x5.5 x 10.5 inch(177.8 x 139.7 x 266.7 mm) .
- Weight : 13 lbs (5.9 kg)
- **CONTROLLER Features:**
  - Touch Screen .
  - Screen tits for viewing comfort
  - Advance SD card
  - Ethernet
- **Technical Specification of controller:**
  - Screen Size :5.7 inch (15 cm diagonal)
  - Screen Resolution : 640(H) x 480(V) pixels
  - Tilts Positions : 5 positions from 90 to flat
  - Mounting Options : On top of the Syringe pump, Bench Top, or Wall mount
  - Weight :1kg (+/-200 grams) .
- Should be supplied with a Computer/Laptop with latest configurations to monitor and record the events
- Supplier should have their physical service and training center in India.
- The company should also have Service Engineer based in near the North part India.
- Supplier should provide the details (Base town, Name, Number etc.) of service team member based in different part of India.
- The supplier should have experience of installing successfully at least (5) five such systems in CMU Graded Semen Labs in India.
- The satisfactory working report from at least 5 users also to be attached.

**s/d**

Asstt. Admin. Officer (P)